instaforex
Instant Forex Trading

Table 7 - likelihood of execution information to be published as referred to in Article 7(1)

Date	Symbol	Hour	Best Bid Price	Best Offer Price	Bid Size at Best Bid Price	Offer Size at Best Offer Price	Book depth within 3 price increments
1/1/2019	#AA	9:30:00 AM					N/A
1/1/2019	#AA	11:30:00 AM					N/A
1/1/2019	#AA	1:30:00 PM					N/A
1/1/2019	#AA	3:30:00 PM					N/A
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1/2/2019	#AA	11:30:00 AM					N/A
1/2/2019	#AA	1:30:00 PM					N/A
1/2/2019	#AA	3:30:00 PM					N/A
1/3/2019	#AA	9:30:00 AM					N/A
1/3/2019	#AA	11:30:00 AM					N/A
1/3/2019	#AA	1:30:00 PM					N/A
1/3/2019	#AA	3:30:00 PM					N/A
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1/4/2019	#AA	3:30:00 PM					N/A
1/7/2019	#AA	9:30:00 AM					N/A
1/7/2019	#AA	11:30:00 AM					N/A
1/7/2019	#AA	1:30:00 PM					N/A
1/7/2019	#AA	3:30:00 PM					N/A
1/8/2019	#AA	9:30:00 AM					N/A
1/8/2019	#AA	11:30:00 AM					N/A
1/8/2019	#AA	1:30:00 PM					N/A
1/8/2019	#AA	3:30:00 PM					N/A
1/9/2019	#AA	9:30:00 AM					N/A
1/9/2019	#AA	11:30:00 AM					N/A
1/9/2019	#AA	1:30:00 PM					N/A
1/9/2019	#AA	3:30:00 PM					N/A
1/10/2019	#AA	9:30:00 AM					N/A
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1/10/2019	#AA	3:30:00 PM					N/A
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1/11/2019	#AA	1:30:00 PM					N/A
1/11/2019	#AA	3:30:00 PM					N/A
1/14/2019	#AA	9:30:00 AM					N/A
1/14/2019	#AA	11:30:00 AM					N/A
1/14/2019	#AA	1:30:00 PM					N/A
1/14/2019	#AA	3:30:00 PM					N/A
1/15/2019	#AA	9:30:00 AM					N/A
1/15/2019	#AA	11:30:00 AM					N/A
1/15/2019	#AA	1:30:00 PM					N/A
1/15/2019	#AA	3:30:00 PM					N/A
1/16/2019	#AA	9:30:00 AM					N/A
1/16/2019	#AA	11:30:00 AM					N/A
1/16/2019	#AA	1:30:00 PM					N/A

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1/17/2019	#AA	11:30:00 AM					N/A
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3/12/2019	#BAC	3:30:00 PM	29.01	28.96			N/A
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3/15/2019	#BAC	11:30:00 AM					N/A
3/15/2019	#BAC	1:30:00 PM					N/A
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3/18/2019	#BAC	1:30:00 PM					N/A
3/18/2019	#BAC	3:30:00 PM	29.44	29.35			N/A
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3/19/2019	#BAC	1:30:00 PM					N/A
3/19/2019	#BAC	3:30:00 PM	30.05	29.96			N/A
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3/20/2019	#BAC	1:30:00 PM					N/A
3/20/2019	#BAC	3:30:00 PM	29.62	29.53			N/A
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3/21/2019	#BAC	1:30:00 PM					N/A
3/21/2019	#BAC	3:30:00 PM	28.52	28.39			N/A
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3/22/2019	#BAC	1:30:00 PM					N/A
3/22/2019	#BAC	3:30:00 PM	28.04	27.84			N/A
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3/25/2019	#BAC	1:30:00 PM					N/A
3/25/2019	#BAC	3:30:00 PM	27.14	26.93			N/A
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3/26/2019	#BAC	3:30:00 PM	27.33	27.13			N/A
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3/27/2019	#BAC	1:30:00 PM					N/A
3/27/2019	#BAC	3:30:00 PM	27.15	27.07			N/A
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3/28/2019	#BAC	11:30:00 AM					N/A
3/28/2019	#BAC	1:30:00 PM					N/A
3/28/2019	#BAC	3:30:00 PM	27.35	27.13			N/A
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3/29/2019	#BAC	1:30:00 PM					N/A
3/29/2019	#BAC	3:30:00 PM	27.57	27.54			N/A
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1/1/2019	#BARC	1:30:00 PM					N/A
1/1/2019	#BARC	3:30:00 PM					N/A
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1/2/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/2/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/2/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
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1/3/2019	#BARC	11:30:00 AM					N/A
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1/3/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
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1/4/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/4/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/7/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/7/2019	#BARC	11:30:00 AM					N/A
1/7/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/7/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/8/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/8/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/8/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/8/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/9/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/9/2019	#BARC	11:30:00 AM					N/A
1/9/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/9/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/10/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/10/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/10/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/10/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/11/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/11/2019	#BARC	11:30:00 AM					N/A
1/11/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/11/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/14/2019	#BARC	9:30:00 AM	167.55	147.05			N/A

1/14/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
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1/14/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
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1/17/2019	#BARC	11:30:00 AM					N/A
1/17/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/17/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/18/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/18/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/18/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/18/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/21/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/21/2019	#BARC	11:30:00 AM					N/A
1/21/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/21/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/22/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/22/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/22/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/22/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/23/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/23/2019	#BARC	11:30:00 AM					N/A
1/23/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/23/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/24/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/24/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/24/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/24/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/25/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/25/2019	#BARC	11:30:00 AM					N/A
1/25/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/25/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
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1/28/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/28/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/28/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/29/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/29/2019	#BARC	11:30:00 AM					N/A
1/29/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/29/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
1/30/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
1/30/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
1/30/2019	#BARC	1:30:00 PM	168.8	147.6			N/A

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1/31/2019	#BARC	11:30:00 AM					N/A
1/31/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
1/31/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
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2/1/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
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2/1/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/4/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/4/2019	#BARC	11:30:00 AM					N/A
2/4/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/4/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/5/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/5/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/5/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/5/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/6/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/6/2019	#BARC	11:30:00 AM					N/A
2/6/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/6/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/7/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/7/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
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2/7/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/8/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/8/2019	#BARC	11:30:00 AM					N/A
2/8/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/8/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/11/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/11/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/11/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/11/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/12/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/12/2019	#BARC	11:30:00 AM					N/A
2/12/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/12/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/13/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/13/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/13/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/13/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/14/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/14/2019	#BARC	11:30:00 AM					N/A
2/14/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/14/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/15/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/15/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/15/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/15/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/18/2019	#BARC	9:30:00 AM	167.55	147.05			N/A

2/18/2019	#BARC	11:30:00 AM					N/A
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2/18/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/19/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/19/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/19/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/19/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/20/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/20/2019	#BARC	11:30:00 AM					N/A
2/20/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/20/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/21/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/21/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/21/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/21/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/22/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/22/2019	#BARC	11:30:00 AM					N/A
2/22/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/22/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/25/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/25/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/25/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/25/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/26/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/26/2019	#BARC	11:30:00 AM					N/A
2/26/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/26/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/27/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/27/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
2/27/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/27/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
2/28/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
2/28/2019	#BARC	11:30:00 AM					N/A
2/28/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
2/28/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
3/1/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
3/1/2019	#BARC	11:30:00 AM	167.55	147.1			N/A
3/1/2019	#BARC	1:30:00 PM	168.8	147.6			N/A
3/1/2019	#BARC	3:30:00 PM	167.95	149.75			N/A
3/4/2019	#BARC	9:30:00 AM	167.55	147.05			N/A
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3/15/2019	#CAT	3:30:00 PM	134.05	133.29			N/A
3/18/2019	#CAT	9:30:00 AM					N/A
3/18/2019	#CAT	11:30:00 AM					N/A
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3/18/2019	#CAT	3:30:00 PM	132.96	132.73			N/A
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3/19/2019	#CAT	11:30:00 AM					N/A
3/19/2019	#CAT	1:30:00 PM					N/A
3/19/2019	#CAT	3:30:00 PM	135.28	135.06			N/A
3/20/2019	#CAT	9:30:00 AM					N/A
3/20/2019	#CAT	11:30:00 AM					N/A
3/20/2019	#CAT	1:30:00 PM					N/A
3/20/2019	#CAT	3:30:00 PM	133.83	132.89			N/A
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3/21/2019	#CAT	11:30:00 AM					N/A
3/21/2019	#CAT	1:30:00 PM					N/A
3/21/2019	#CAT	3:30:00 PM	132.54	132.22			N/A
3/22/2019	#CAT	9:30:00 AM					N/A
3/22/2019	#CAT	11:30:00 AM					N/A
3/22/2019	#CAT	1:30:00 PM					N/A
3/22/2019	#CAT	3:30:00 PM	133.45	132.73			N/A
3/25/2019	#CAT	9:30:00 AM					N/A
3/25/2019	#CAT	11:30:00 AM					N/A
3/25/2019	#CAT	1:30:00 PM					N/A
3/25/2019	#CAT	3:30:00 PM	130.08	129.28			N/A
3/26/2019	#CAT	9:30:00 AM					N/A
3/26/2019	#CAT	11:30:00 AM					N/A
3/26/2019	#CAT	1:30:00 PM					N/A
3/26/2019	#CAT	3:30:00 PM	132.6	132.27			N/A
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3/27/2019	#CAT	11:30:00 AM					N/A
3/27/2019	#CAT	1:30:00 PM					N/A
3/27/2019	#CAT	3:30:00 PM	132.31	132.06			N/A
3/28/2019	#CAT	9:30:00 AM					N/A
3/28/2019	#CAT	11:30:00 AM					N/A
3/28/2019	#CAT	1:30:00 PM					N/A

3/28/2019	#CAT	3:30:00 PM	131.93	131.73			N/A
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3/29/2019	#CAT	11:30:00 AM					N/A
3/29/2019	#CAT	1:30:00 PM					N/A
3/29/2019	#CAT	3:30:00 PM	134.2	133.02			N/A
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1/1/2019	#cl.f	11:30:00 AM					N/A
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1/1/2019	#cl.f	3:30:00 PM					N/A
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1/2/2019	#cl.f	11:30:00 AM					N/A
1/2/2019	#cl.f	1:30:00 PM					N/A
1/2/2019	#cl.f	3:30:00 PM					N/A
1/3/2019	#cl.f	9:30:00 AM					N/A
1/3/2019	#cl.f	11:30:00 AM					N/A
1/3/2019	#cl.f	1:30:00 PM					N/A
1/3/2019	#cl.f	3:30:00 PM					N/A
1/4/2019	#cl.f	9:30:00 AM					N/A
1/4/2019	#cl.f	11:30:00 AM					N/A
1/4/2019	#cl.f	1:30:00 PM					N/A
1/4/2019	#cl.f	3:30:00 PM					N/A
1/7/2019	#cl.f	9:30:00 AM					N/A
1/7/2019	#cl.f	11:30:00 AM					N/A
1/7/2019	#cl.f	1:30:00 PM					N/A
1/7/2019	#cl.f	3:30:00 PM					N/A
1/8/2019	#cl.f	9:30:00 AM					N/A
1/8/2019	#cl.f	11:30:00 AM					N/A
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1/8/2019	#cl.f	3:30:00 PM					N/A
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1/22/2019	#cl.f	11:30:00 AM					N/A
1/22/2019	#cl.f	1:30:00 PM					N/A
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1/23/2019	#cl.f	3:30:00 PM					N/A
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2/21/2019	#cl.f	11:30:00 AM					N/A
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2/22/2019	#cl.f	11:30:00 AM					N/A
2/22/2019	#cl.f	1:30:00 PM					N/A
2/22/2019	#cl.f	3:30:00 PM					N/A
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2/25/2019	#cl.f	11:30:00 AM					N/A
2/25/2019	#cl.f	1:30:00 PM					N/A
2/25/2019	#cl.f	3:30:00 PM					N/A
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2/26/2019	#cl.f	11:30:00 AM					N/A
2/26/2019	#cl.f	1:30:00 PM					N/A
2/26/2019	#cl.f	3:30:00 PM					N/A
2/27/2019	#cl.f	9:30:00 AM					N/A
2/27/2019	#cl.f	11:30:00 AM					N/A
2/27/2019	#cl.f	1:30:00 PM					N/A
2/27/2019	#cl.f	3:30:00 PM					N/A
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2/28/2019	#cl.f	11:30:00 AM					N/A
2/28/2019	#cl.f	1:30:00 PM					N/A
2/28/2019	#cl.f	3:30:00 PM					N/A
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3/4/2019	#cl.f	1:30:00 PM					N/A
3/4/2019	#cl.f	3:30:00 PM					N/A
3/5/2019	#cl.f	9:30:00 AM					N/A
3/5/2019	#cl.f	11:30:00 AM	56.17	56.13			N/A
3/5/2019	#cl.f	1:30:00 PM	56.6	56.62			N/A
3/5/2019	#cl.f	3:30:00 PM	56.71	56.7			N/A
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3/6/2019	#cl.f	11:30:00 AM					N/A
3/6/2019	#cl.f	1:30:00 PM	56.1	56.13			N/A
3/6/2019	#cl.f	3:30:00 PM	55.93	55.94			N/A
3/7/2019	#cl.f	9:30:00 AM	56.21	56.26			N/A
3/7/2019	#cl.f	11:30:00 AM	56.54	56.56			N/A
3/7/2019	#cl.f	1:30:00 PM	56.71	56.75			N/A
3/7/2019	#cl.f	3:30:00 PM	56.85	56.83			N/A
3/8/2019	#cl.f	9:30:00 AM	56.13	56.17			N/A
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3/8/2019	#cl.f	1:30:00 PM	55.7	55.74			N/A

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3/11/2019	#cl.f	1:30:00 PM	56.7	56.708			N/A
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3/12/2019	#cl.f	9:30:00 AM	57.285	57.323			N/A
3/12/2019	#cl.f	11:30:00 AM					N/A
3/12/2019	#cl.f	1:30:00 PM	57.502	57.549			N/A
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3/13/2019	#cl.f	9:30:00 AM	57.528	57.578			N/A
3/13/2019	#cl.f	11:30:00 AM	57.677	57.693			N/A
3/13/2019	#cl.f	1:30:00 PM	57.673	57.702			N/A
3/13/2019	#cl.f	3:30:00 PM	57.968	57.981			N/A
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3/14/2019	#cl.f	11:30:00 AM					N/A
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3/14/2019	#cl.f	3:30:00 PM	58.785	58.785			N/A
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3/15/2019	#cl.f	11:30:00 AM	59.138	59.166			N/A
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3/18/2019	#cl.f	9:30:00 AM	58.746	58.779			N/A
3/18/2019	#cl.f	11:30:00 AM					N/A
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3/19/2019	#cl.f	11:30:00 AM	59.594	59.61			N/A
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3/19/2019	#cl.f	3:30:00 PM	59.711	59.667			N/A
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3/21/2019	#cl.f	9:30:00 AM	60.127	60.165			N/A
3/21/2019	#cl.f	11:30:00 AM	60.17	60.204			N/A
3/21/2019	#cl.f	1:30:00 PM	59.809	59.836			N/A
3/21/2019	#cl.f	3:30:00 PM	60.185	60.106			N/A
3/22/2019	#cl.f	9:30:00 AM	60.042	60.075			N/A
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3/22/2019	#cl.f	3:30:00 PM	59.275	59.297			N/A
3/25/2019	#cl.f	9:30:00 AM	58.722	58.74			N/A
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3/25/2019	#cl.f	3:30:00 PM	58.682	58.673			N/A
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3/28/2019	#cl.f	1:30:00 PM	58.683	58.697			N/A
3/28/2019	#cl.f	3:30:00 PM	58.74	58.565			N/A
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3/29/2019	#cl.f	11:30:00 AM	59.884	59.907			N/A
3/29/2019	#cl.f	1:30:00 PM	60.129	60.164			N/A
3/29/2019	#cl.f	3:30:00 PM	60.469	60.489			N/A
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1/1/2019	#CSCO	3:30:00 PM					N/A
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1/2/2019	#CSCO	11:30:00 AM					N/A
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1/2/2019	#CSCO	3:30:00 PM					N/A
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1/3/2019	#CSCO	11:30:00 AM					N/A
1/3/2019	#CSCO	1:30:00 PM					N/A
1/3/2019	#CSCO	3:30:00 PM					N/A
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1/4/2019	#CSCO	11:30:00 AM					N/A
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1/4/2019	#CSCO	3:30:00 PM					N/A
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instaforex
Instant Forex Trading

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3/5/2019	#LLOY	11:30:00 AM	65.95	50.54			N/A
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3/6/2019	#LLOY	3:30:00 PM	65.62	51.1			N/A
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1/4/2019	#nflx	1:30:00 PM					N/A
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1/7/2019	#nflx	1:30:00 PM					N/A
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3/13/2019	#PFE	3:30:00 PM	41.81	41.78			N/A
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2/22/2019	#ripple	3:30:00 PM	0.3242	0.3341			N/A
2/25/2019	#ripple	9:30:00 AM	0.3012	0.3108			N/A
2/25/2019	#ripple	11:30:00 AM	0.3029	0.3129			N/A
2/25/2019	#ripple	1:30:00 PM					N/A
2/25/2019	#ripple	3:30:00 PM					N/A
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2/26/2019	#ripple	11:30:00 AM					N/A
2/26/2019	#ripple	1:30:00 PM	0.3226	0.3325			N/A
2/26/2019	#ripple	3:30:00 PM	0.3196	0.3293			N/A
2/27/2019	#ripple	9:30:00 AM	0.3169	0.3267			N/A
2/27/2019	#ripple	11:30:00 AM	0.3193	0.3292			N/A
2/27/2019	#ripple	1:30:00 PM					N/A
2/27/2019	#ripple	3:30:00 PM					N/A
2/28/2019	#ripple	9:30:00 AM	0.313	0.3223			N/A
2/28/2019	#ripple	11:30:00 AM					N/A
2/28/2019	#ripple	1:30:00 PM	0.3143	0.3243			N/A
2/28/2019	#ripple	3:30:00 PM	0.3132	0.323			N/A
3/1/2019	#ripple	9:30:00 AM	0.3181	0.328			N/A
3/1/2019	#ripple	11:30:00 AM	0.3225	0.3324			N/A
3/1/2019	#ripple	1:30:00 PM	0.3206	0.3305			N/A
3/1/2019	#ripple	3:30:00 PM					N/A
3/4/2019	#ripple	9:30:00 AM					N/A
3/4/2019	#ripple	11:30:00 AM					N/A
3/4/2019	#ripple	1:30:00 PM	0.3044	0.314			N/A
3/4/2019	#ripple	3:30:00 PM	0.3024	0.3122			N/A
3/5/2019	#ripple	9:30:00 AM	0.3059	0.3156			N/A
3/5/2019	#ripple	11:30:00 AM	0.3067	0.3165			N/A
3/5/2019	#ripple	1:30:00 PM					N/A
3/5/2019	#ripple	3:30:00 PM	0.3123	0.3213			N/A
3/6/2019	#ripple	9:30:00 AM	0.3156	0.3251			N/A
3/6/2019	#ripple	11:30:00 AM					N/A
3/6/2019	#ripple	1:30:00 PM					N/A
3/6/2019	#ripple	3:30:00 PM	0.3164	0.3262			N/A
3/7/2019	#ripple	9:30:00 AM	0.3172	0.3271			N/A
3/7/2019	#ripple	11:30:00 AM	0.3149	0.3245			N/A
3/7/2019	#ripple	1:30:00 PM	0.3166	0.3264			N/A
3/7/2019	#ripple	3:30:00 PM	0.3176	0.3276			N/A
3/8/2019	#ripple	9:30:00 AM	0.3138	0.3235			N/A
3/8/2019	#ripple	11:30:00 AM					N/A
3/8/2019	#ripple	1:30:00 PM					N/A
3/8/2019	#ripple	3:30:00 PM	0.3123	0.3223			N/A
3/11/2019	#ripple	9:30:00 AM	0.3119	0.3218			N/A

3/11/2019	#ripple	11:30:00 AM	0.3116	0.3215			N/A
3/11/2019	#ripple	1:30:00 PM	0.312	0.3218			N/A
3/11/2019	#ripple	3:30:00 PM	0.3114	0.3212			N/A
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3/12/2019	#ripple	1:30:00 PM					N/A
3/12/2019	#ripple	3:30:00 PM					N/A
3/13/2019	#ripple	9:30:00 AM	0.3112	0.3212			N/A
3/13/2019	#ripple	11:30:00 AM					N/A
3/13/2019	#ripple	1:30:00 PM	0.3102	0.32			N/A
3/13/2019	#ripple	3:30:00 PM	0.321	0.3293			N/A
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3/14/2019	#ripple	3:30:00 PM	0.3128	0.3227			N/A
3/15/2019	#ripple	9:30:00 AM					N/A
3/15/2019	#ripple	11:30:00 AM	0.3127	0.3223			N/A
3/15/2019	#ripple	1:30:00 PM	0.3159	0.3257			N/A
3/15/2019	#ripple	3:30:00 PM	0.3151	0.325			N/A
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3/18/2019	#ripple	1:30:00 PM	0.3155	0.3251			N/A
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3/19/2019	#ripple	11:30:00 AM	0.3152	0.3251			N/A
3/19/2019	#ripple	1:30:00 PM	0.3167	0.3266			N/A
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3/20/2019	#ripple	11:30:00 AM					N/A
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3/21/2019	#ripple	3:30:00 PM	0.3154	0.3248			N/A
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3/22/2019	#ripple	3:30:00 PM	0.3111	0.3211			N/A
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3/25/2019	#ripple	3:30:00 PM	0.3044	0.3142			N/A
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3/14/2019	#T	3:30:00 PM	30.31	30.3			N/A
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3/15/2019	#T	1:30:00 PM					N/A
3/15/2019	#T	3:30:00 PM	30.55	30.48			N/A
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3/20/2019	#T	3:30:00 PM	30.57	30.46			N/A
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3/27/2019	#UTX	9:30:00 AM					N/A
3/27/2019	#UTX	11:30:00 AM					N/A
3/27/2019	#UTX	1:30:00 PM					N/A
3/27/2019	#UTX	3:30:00 PM	126.34	125.87			N/A
3/28/2019	#UTX	9:30:00 AM					N/A
3/28/2019	#UTX	11:30:00 AM					N/A
3/28/2019	#UTX	1:30:00 PM					N/A
3/28/2019	#UTX	3:30:00 PM	126.82	126.57			N/A
3/29/2019	#UTX	9:30:00 AM					N/A
3/29/2019	#UTX	11:30:00 AM					N/A
3/29/2019	#UTX	1:30:00 PM					N/A
3/29/2019	#UTX	3:30:00 PM	128.15	128.09			N/A
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1/1/2019	#VOD	11:30:00 AM					N/A
1/1/2019	#VOD	1:30:00 PM					N/A
1/1/2019	#VOD	3:30:00 PM					N/A
1/2/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/2/2019	#VOD	11:30:00 AM	156.4	132.75			N/A
1/2/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/2/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/3/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/3/2019	#VOD	11:30:00 AM					N/A
1/3/2019	#VOD	1:30:00 PM	157	133.05			N/A

1/3/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/4/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/4/2019	#VOD	11:30:00 AM	156.4	132.75			N/A
1/4/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/4/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/7/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/7/2019	#VOD	11:30:00 AM					N/A
1/7/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/7/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/8/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/8/2019	#VOD	11:30:00 AM	156.4	132.75			N/A
1/8/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/8/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/9/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/9/2019	#VOD	11:30:00 AM					N/A
1/9/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/9/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/10/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/10/2019	#VOD	11:30:00 AM	156.45	132.75			N/A
1/10/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/10/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/11/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/11/2019	#VOD	11:30:00 AM					N/A
1/11/2019	#VOD	1:30:00 PM	157	133.05			N/A
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1/14/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/15/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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1/15/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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1/17/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
1/17/2019	#VOD	11:30:00 AM					N/A
1/17/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/17/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/18/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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1/18/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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1/21/2019	#VOD	1:30:00 PM	157	133.05			N/A
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1/22/2019	#VOD	9:30:00 AM	156.65	132.4			N/A

1/22/2019	#VOD	11:30:00 AM	156.45	132.75			N/A
1/22/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/22/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
1/23/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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1/24/2019	#VOD	1:30:00 PM	157	133.05			N/A
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1/25/2019	#VOD	1:30:00 PM	157	133.05			N/A
1/25/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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1/31/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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2/4/2019	#VOD	1:30:00 PM	157	133.05			N/A
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2/6/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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2/6/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
2/7/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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2/18/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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2/20/2019	#VOD	11:30:00 AM					N/A
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2/25/2019	#VOD	1:30:00 PM	157	133.05			N/A
2/25/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
2/26/2019	#VOD	9:30:00 AM	156.65	132.4			N/A

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2/26/2019	#VOD	1:30:00 PM	157	133.05			N/A
2/26/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
2/27/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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2/28/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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2/28/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/1/2019	#VOD	1:30:00 PM	157	133.05			N/A
3/1/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/4/2019	#VOD	1:30:00 PM	157	133.05			N/A
3/4/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/6/2019	#VOD	9:30:00 AM	156.65	132.4			N/A
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3/6/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/22/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/26/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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3/29/2019	#VOD	11:30:00 AM	156.45	132.75			N/A
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3/29/2019	#VOD	3:30:00 PM	158.5	132.15			N/A
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1/1/2019	#VZ	11:30:00 AM					N/A
1/1/2019	#VZ	1:30:00 PM					N/A
1/1/2019	#VZ	3:30:00 PM					N/A
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1/2/2019	#VZ	3:30:00 PM					N/A
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1/29/2019	AUDCAD	1:30:00 PM	0.94941	0.95001			N/A
1/29/2019	AUDCAD	3:30:00 PM	0.94911	0.9498			N/A
1/30/2019	AUDCAD	9:30:00 AM	0.95351	0.95411			N/A
1/30/2019	AUDCAD	11:30:00 AM	0.9529	0.95358			N/A
1/30/2019	AUDCAD	1:30:00 PM	0.9527	0.95344			N/A
1/30/2019	AUDCAD	3:30:00 PM	0.94983	0.95038			N/A
1/31/2019	AUDCAD	9:30:00 AM	0.95449	0.95505			N/A
1/31/2019	AUDCAD	11:30:00 AM					N/A
1/31/2019	AUDCAD	1:30:00 PM	0.95536	0.95601			N/A
1/31/2019	AUDCAD	3:30:00 PM	0.95651	0.95671			N/A
2/1/2019	AUDCAD	9:30:00 AM	0.9523	0.95303			N/A
2/1/2019	AUDCAD	11:30:00 AM	0.95342	0.95407			N/A
2/1/2019	AUDCAD	1:30:00 PM	0.95388	0.95456			N/A
2/1/2019	AUDCAD	3:30:00 PM	0.95466	0.95416			N/A
2/4/2019	AUDCAD	9:30:00 AM	0.94742	0.94812			N/A
2/4/2019	AUDCAD	11:30:00 AM					N/A
2/4/2019	AUDCAD	1:30:00 PM	0.94622	0.94692			N/A
2/4/2019	AUDCAD	3:30:00 PM	0.94705	0.94763			N/A
2/5/2019	AUDCAD	9:30:00 AM	0.9517	0.95222			N/A
2/5/2019	AUDCAD	11:30:00 AM	0.94895	0.94957			N/A
2/5/2019	AUDCAD	1:30:00 PM	0.94946	0.95001			N/A
2/5/2019	AUDCAD	3:30:00 PM	0.95047	0.9511			N/A
2/6/2019	AUDCAD	9:30:00 AM	0.94082	0.94125			N/A
2/6/2019	AUDCAD	11:30:00 AM					N/A
2/6/2019	AUDCAD	1:30:00 PM	0.94113	0.94181			N/A
2/6/2019	AUDCAD	3:30:00 PM	0.9396	0.93986			N/A
2/7/2019	AUDCAD	9:30:00 AM	0.94003	0.9407			N/A
2/7/2019	AUDCAD	11:30:00 AM	0.9397	0.94033			N/A
2/7/2019	AUDCAD	1:30:00 PM	0.94079	0.94141			N/A
2/7/2019	AUDCAD	3:30:00 PM	0.94353	0.9441			N/A
2/8/2019	AUDCAD	9:30:00 AM	0.94287	0.94352			N/A
2/8/2019	AUDCAD	11:30:00 AM					N/A
2/8/2019	AUDCAD	1:30:00 PM	0.94327	0.94396			N/A
2/8/2019	AUDCAD	3:30:00 PM	0.94172	0.94036			N/A
2/11/2019	AUDCAD	9:30:00 AM	0.94308	0.94372			N/A
2/11/2019	AUDCAD	11:30:00 AM	0.94076	0.9413			N/A
2/11/2019	AUDCAD	1:30:00 PM	0.93983	0.94047			N/A
2/11/2019	AUDCAD	3:30:00 PM	0.93907	0.93953			N/A
2/12/2019	AUDCAD	9:30:00 AM	0.94002	0.94074			N/A
2/12/2019	AUDCAD	11:30:00 AM					N/A
2/12/2019	AUDCAD	1:30:00 PM	0.93987	0.94052			N/A
2/12/2019	AUDCAD	3:30:00 PM	0.93981	0.94045			N/A
2/13/2019	AUDCAD	9:30:00 AM	0.94099	0.94167			N/A

2/13/2019	AUDCAD	11:30:00 AM	0.94087	0.94131			N/A
2/13/2019	AUDCAD	1:30:00 PM	0.94122	0.94197			N/A
2/13/2019	AUDCAD	3:30:00 PM	0.94185	0.94231			N/A
2/14/2019	AUDCAD	9:30:00 AM	0.94329	0.94393			N/A
2/14/2019	AUDCAD	11:30:00 AM					N/A
2/14/2019	AUDCAD	1:30:00 PM	0.94192	0.9426			N/A
2/14/2019	AUDCAD	3:30:00 PM	0.94415	0.94428			N/A
2/15/2019	AUDCAD	9:30:00 AM					N/A
2/15/2019	AUDCAD	11:30:00 AM					N/A
2/15/2019	AUDCAD	1:30:00 PM					N/A
2/15/2019	AUDCAD	3:30:00 PM					N/A
2/18/2019	AUDCAD	9:30:00 AM	0.94622	0.9469			N/A
2/18/2019	AUDCAD	11:30:00 AM					N/A
2/18/2019	AUDCAD	1:30:00 PM	0.94671	0.94732			N/A
2/18/2019	AUDCAD	3:30:00 PM	0.94707	0.94774			N/A
2/19/2019	AUDCAD	9:30:00 AM	0.94321	0.94387			N/A
2/19/2019	AUDCAD	11:30:00 AM	0.94222	0.94288			N/A
2/19/2019	AUDCAD	1:30:00 PM	0.94188	0.94251			N/A
2/19/2019	AUDCAD	3:30:00 PM	0.94157	0.94208			N/A
2/20/2019	AUDCAD	9:30:00 AM	0.9449	0.94533			N/A
2/20/2019	AUDCAD	11:30:00 AM					N/A
2/20/2019	AUDCAD	1:30:00 PM	0.94238	0.94293			N/A
2/20/2019	AUDCAD	3:30:00 PM	0.94372	0.94426			N/A
2/21/2019	AUDCAD	9:30:00 AM	0.93908	0.93872			N/A
2/21/2019	AUDCAD	11:30:00 AM	0.93742	0.93796			N/A
2/21/2019	AUDCAD	1:30:00 PM	0.93713	0.93773			N/A
2/21/2019	AUDCAD	3:30:00 PM	0.93629	0.93631			N/A
2/22/2019	AUDCAD	9:30:00 AM	0.94061	0.94113			N/A
2/22/2019	AUDCAD	11:30:00 AM					N/A
2/22/2019	AUDCAD	1:30:00 PM	0.93902	0.93974			N/A
2/22/2019	AUDCAD	3:30:00 PM	0.94183	0.9412			N/A
2/25/2019	AUDCAD	9:30:00 AM	0.93818	0.93881			N/A
2/25/2019	AUDCAD	11:30:00 AM	0.94002	0.94072			N/A
2/25/2019	AUDCAD	1:30:00 PM	0.94137	0.94198			N/A
2/25/2019	AUDCAD	3:30:00 PM	0.94247	0.94305			N/A
2/26/2019	AUDCAD	9:30:00 AM	0.94509	0.94574			N/A
2/26/2019	AUDCAD	11:30:00 AM					N/A
2/26/2019	AUDCAD	1:30:00 PM	0.94446	0.94508			N/A
2/26/2019	AUDCAD	3:30:00 PM	0.94542	0.94569			N/A
2/27/2019	AUDCAD	9:30:00 AM	0.94561	0.94624			N/A
2/27/2019	AUDCAD	11:30:00 AM	0.94292	0.94351			N/A
2/27/2019	AUDCAD	1:30:00 PM	0.94105	0.94174			N/A
2/27/2019	AUDCAD	3:30:00 PM	0.94055	0.94053			N/A
2/28/2019	AUDCAD	9:30:00 AM	0.93936	0.9399			N/A
2/28/2019	AUDCAD	11:30:00 AM					N/A
2/28/2019	AUDCAD	1:30:00 PM	0.93984	0.9404			N/A
2/28/2019	AUDCAD	3:30:00 PM	0.9409	0.94104			N/A
3/1/2019	AUDCAD	9:30:00 AM	0.93224	0.93283			N/A
3/1/2019	AUDCAD	11:30:00 AM	0.93181	0.93247			N/A
3/1/2019	AUDCAD	1:30:00 PM	0.93358	0.9342			N/A

3/1/2019	AUDCAD	3:30:00 PM	0.93809	0.93786			N/A
3/4/2019	AUDCAD	9:30:00 AM	0.94156	0.94222			N/A
3/4/2019	AUDCAD	11:30:00 AM					N/A
3/4/2019	AUDCAD	1:30:00 PM	0.94277	0.94341			N/A
3/4/2019	AUDCAD	3:30:00 PM	0.94361	0.94422			N/A
3/5/2019	AUDCAD	9:30:00 AM	0.94353	0.94397			N/A
3/5/2019	AUDCAD	11:30:00 AM	0.94451	0.94512			N/A
3/5/2019	AUDCAD	1:30:00 PM	0.94412	0.94465			N/A
3/5/2019	AUDCAD	3:30:00 PM	0.94386	0.94429			N/A
3/6/2019	AUDCAD	9:30:00 AM	0.93927	0.93981			N/A
3/6/2019	AUDCAD	11:30:00 AM					N/A
3/6/2019	AUDCAD	1:30:00 PM	0.93967	0.94031			N/A
3/6/2019	AUDCAD	3:30:00 PM	0.94073	0.94107			N/A
3/7/2019	AUDCAD	9:30:00 AM	0.94624	0.94692			N/A
3/7/2019	AUDCAD	11:30:00 AM	0.94601	0.94659			N/A
3/7/2019	AUDCAD	1:30:00 PM	0.94587	0.94646			N/A
3/7/2019	AUDCAD	3:30:00 PM	0.945	0.94556			N/A
3/8/2019	AUDCAD	9:30:00 AM	0.94282	0.94343			N/A
3/8/2019	AUDCAD	11:30:00 AM					N/A
3/8/2019	AUDCAD	1:30:00 PM	0.94489	0.94561			N/A
3/8/2019	AUDCAD	3:30:00 PM	0.94503	0.94409			N/A
3/11/2019	AUDCAD	9:30:00 AM	0.94544	0.94601			N/A
3/11/2019	AUDCAD	11:30:00 AM	0.94544	0.94608			N/A
3/11/2019	AUDCAD	1:30:00 PM	0.94514	0.94581			N/A
3/11/2019	AUDCAD	3:30:00 PM	0.94717	0.94742			N/A
3/12/2019	AUDCAD	9:30:00 AM	0.94707	0.94765			N/A
3/12/2019	AUDCAD	11:30:00 AM					N/A
3/12/2019	AUDCAD	1:30:00 PM	0.94714	0.94787			N/A
3/12/2019	AUDCAD	3:30:00 PM	0.94816	0.94876			N/A
3/13/2019	AUDCAD	9:30:00 AM	0.94219	0.94282			N/A
3/13/2019	AUDCAD	11:30:00 AM	0.94358	0.94427			N/A
3/13/2019	AUDCAD	1:30:00 PM	0.94272	0.94336			N/A
3/13/2019	AUDCAD	3:30:00 PM	0.94233	0.94253			N/A
3/14/2019	AUDCAD	9:30:00 AM	0.94048	0.94106			N/A
3/14/2019	AUDCAD	11:30:00 AM					N/A
3/14/2019	AUDCAD	1:30:00 PM	0.93904	0.93963			N/A
3/14/2019	AUDCAD	3:30:00 PM	0.93992	0.94041			N/A
3/15/2019	AUDCAD	9:30:00 AM	0.9423	0.943			N/A
3/15/2019	AUDCAD	11:30:00 AM	0.94242	0.94308			N/A
3/15/2019	AUDCAD	1:30:00 PM	0.94236	0.94307			N/A
3/15/2019	AUDCAD	3:30:00 PM	0.94549	0.94602			N/A
3/18/2019	AUDCAD	9:30:00 AM	0.94674	0.94747			N/A
3/18/2019	AUDCAD	11:30:00 AM					N/A
3/18/2019	AUDCAD	1:30:00 PM	0.94685	0.94744			N/A
3/18/2019	AUDCAD	3:30:00 PM	0.94684	0.94723			N/A
3/19/2019	AUDCAD	9:30:00 AM	0.9458	0.94646			N/A
3/19/2019	AUDCAD	11:30:00 AM	0.94517	0.94583			N/A
3/19/2019	AUDCAD	1:30:00 PM	0.94444	0.94499			N/A
3/19/2019	AUDCAD	3:30:00 PM	0.94137	0.94196			N/A
3/20/2019	AUDCAD	9:30:00 AM	0.94475	0.94539			N/A

3/20/2019	AUDCAD	11:30:00 AM					N/A
3/20/2019	AUDCAD	1:30:00 PM	0.94509	0.94572			N/A
3/20/2019	AUDCAD	3:30:00 PM	0.94533	0.9459			N/A
3/21/2019	AUDCAD	9:30:00 AM	0.95101	0.9514			N/A
3/21/2019	AUDCAD	11:30:00 AM	0.94983	0.95046			N/A
3/21/2019	AUDCAD	1:30:00 PM	0.95004	0.95071			N/A
3/21/2019	AUDCAD	3:30:00 PM	0.95036	0.95085			N/A
3/22/2019	AUDCAD	9:30:00 AM	0.94955	0.95023			N/A
3/22/2019	AUDCAD	11:30:00 AM					N/A
3/22/2019	AUDCAD	1:30:00 PM	0.94925	0.9498			N/A
3/22/2019	AUDCAD	3:30:00 PM	0.95128	0.95188			N/A
3/25/2019	AUDCAD	9:30:00 AM	0.95014	0.95079			N/A
3/25/2019	AUDCAD	11:30:00 AM	0.95106	0.95168			N/A
3/25/2019	AUDCAD	1:30:00 PM	0.95201	0.95255			N/A
3/25/2019	AUDCAD	3:30:00 PM	0.954	0.95463			N/A
3/26/2019	AUDCAD	9:30:00 AM	0.95396	0.95463			N/A
3/26/2019	AUDCAD	11:30:00 AM					N/A
3/26/2019	AUDCAD	1:30:00 PM	0.95433	0.95482			N/A
3/26/2019	AUDCAD	3:30:00 PM	0.95525	0.95561			N/A
3/27/2019	AUDCAD	9:30:00 AM	0.9508	0.95143			N/A
3/27/2019	AUDCAD	11:30:00 AM	0.95028	0.95086			N/A
3/27/2019	AUDCAD	1:30:00 PM	0.95112	0.95178			N/A
3/27/2019	AUDCAD	3:30:00 PM	0.95038	0.95103			N/A
3/28/2019	AUDCAD	9:30:00 AM	0.95204	0.95269			N/A
3/28/2019	AUDCAD	11:30:00 AM					N/A
3/28/2019	AUDCAD	1:30:00 PM	0.95129	0.95193			N/A
3/28/2019	AUDCAD	3:30:00 PM	0.95058	0.9511			N/A
3/29/2019	AUDCAD	9:30:00 AM	0.95281	0.95349			N/A
3/29/2019	AUDCAD	11:30:00 AM	0.95084	0.95148			N/A
3/29/2019	AUDCAD	1:30:00 PM	0.95092	0.95155			N/A
3/29/2019	AUDCAD	3:30:00 PM	0.94782	0.94828			N/A
1/1/2019	AUDCHF	9:30:00 AM					N/A
1/1/2019	AUDCHF	11:30:00 AM					N/A
1/1/2019	AUDCHF	1:30:00 PM					N/A
1/1/2019	AUDCHF	3:30:00 PM					N/A
1/2/2019	AUDCHF	9:30:00 AM					N/A
1/2/2019	AUDCHF	11:30:00 AM					N/A
1/2/2019	AUDCHF	1:30:00 PM					N/A
1/2/2019	AUDCHF	3:30:00 PM					N/A
1/3/2019	AUDCHF	9:30:00 AM					N/A
1/3/2019	AUDCHF	11:30:00 AM					N/A
1/3/2019	AUDCHF	1:30:00 PM					N/A
1/3/2019	AUDCHF	3:30:00 PM					N/A
1/4/2019	AUDCHF	9:30:00 AM					N/A
1/4/2019	AUDCHF	11:30:00 AM					N/A
1/4/2019	AUDCHF	1:30:00 PM					N/A
1/4/2019	AUDCHF	3:30:00 PM					N/A
1/7/2019	AUDCHF	9:30:00 AM	0.7015	0.70193			N/A
1/7/2019	AUDCHF	11:30:00 AM					N/A
1/7/2019	AUDCHF	1:30:00 PM	0.69949	0.70012			N/A

1/7/2019	AUDCHF	3:30:00 PM	0.69992	0.70054			N/A
1/8/2019	AUDCHF	9:30:00 AM	0.69866	0.69932			N/A
1/8/2019	AUDCHF	11:30:00 AM	0.69911	0.69972			N/A
1/8/2019	AUDCHF	1:30:00 PM	0.69911	0.69971			N/A
1/8/2019	AUDCHF	3:30:00 PM	0.69979	0.70044			N/A
1/9/2019	AUDCHF	9:30:00 AM	0.70161	0.70227			N/A
1/9/2019	AUDCHF	11:30:00 AM					N/A
1/9/2019	AUDCHF	1:30:00 PM	0.7025	0.70305			N/A
1/9/2019	AUDCHF	3:30:00 PM	0.70256	0.70325			N/A
1/10/2019	AUDCHF	9:30:00 AM	0.69885	0.69941			N/A
1/10/2019	AUDCHF	11:30:00 AM	0.70045	0.70105			N/A
1/10/2019	AUDCHF	1:30:00 PM	0.7013	0.70174			N/A
1/10/2019	AUDCHF	3:30:00 PM	0.70323	0.7037			N/A
1/11/2019	AUDCHF	9:30:00 AM	0.70867	0.70906			N/A
1/11/2019	AUDCHF	11:30:00 AM					N/A
1/11/2019	AUDCHF	1:30:00 PM	0.71019	0.71064			N/A
1/11/2019	AUDCHF	3:30:00 PM	0.70911	0.70944			N/A
1/14/2019	AUDCHF	9:30:00 AM	0.70644	0.70706			N/A
1/14/2019	AUDCHF	11:30:00 AM	0.70657	0.70722			N/A
1/14/2019	AUDCHF	1:30:00 PM	0.70633	0.70699			N/A
1/14/2019	AUDCHF	3:30:00 PM	0.70605	0.70676			N/A
1/15/2019	AUDCHF	9:30:00 AM	0.70788	0.70847			N/A
1/15/2019	AUDCHF	11:30:00 AM					N/A
1/15/2019	AUDCHF	1:30:00 PM	0.71016	0.71085			N/A
1/15/2019	AUDCHF	3:30:00 PM	0.70917	0.70971			N/A
1/16/2019	AUDCHF	9:30:00 AM	0.7123	0.71291			N/A
1/16/2019	AUDCHF	11:30:00 AM	0.71042	0.71115			N/A
1/16/2019	AUDCHF	1:30:00 PM	0.70899	0.70961			N/A
1/16/2019	AUDCHF	3:30:00 PM	0.70931	0.70996			N/A
1/17/2019	AUDCHF	9:30:00 AM	0.70887	0.70956			N/A
1/17/2019	AUDCHF	11:30:00 AM					N/A
1/17/2019	AUDCHF	1:30:00 PM	0.7107	0.71132			N/A
1/17/2019	AUDCHF	3:30:00 PM	0.71115	0.7115			N/A
1/18/2019	AUDCHF	9:30:00 AM	0.7146	0.71529			N/A
1/18/2019	AUDCHF	11:30:00 AM	0.71345	0.71401			N/A
1/18/2019	AUDCHF	1:30:00 PM	0.71418	0.71484			N/A
1/18/2019	AUDCHF	3:30:00 PM	0.71492	0.71535			N/A
1/21/2019	AUDCHF	9:30:00 AM	0.7131	0.71374			N/A
1/21/2019	AUDCHF	11:30:00 AM					N/A
1/21/2019	AUDCHF	1:30:00 PM	0.71365	0.71424			N/A
1/21/2019	AUDCHF	3:30:00 PM	0.7132	0.71384			N/A
1/22/2019	AUDCHF	9:30:00 AM	0.71103	0.7114			N/A
1/22/2019	AUDCHF	11:30:00 AM	0.71007	0.71074			N/A
1/22/2019	AUDCHF	1:30:00 PM	0.70947	0.71017			N/A
1/22/2019	AUDCHF	3:30:00 PM	0.71139	0.71204			N/A
1/23/2019	AUDCHF	9:30:00 AM	0.71151	0.71201			N/A
1/23/2019	AUDCHF	11:30:00 AM					N/A
1/23/2019	AUDCHF	1:30:00 PM	0.71161	0.71229			N/A
1/23/2019	AUDCHF	3:30:00 PM	0.71095	0.71149			N/A
1/24/2019	AUDCHF	9:30:00 AM	0.70552	0.70619			N/A

1/24/2019	AUDCHF	11:30:00 AM	0.7053	0.70594			N/A
1/24/2019	AUDCHF	1:30:00 PM	0.70595	0.70666			N/A
1/24/2019	AUDCHF	3:30:00 PM	0.70656	0.70721			N/A
1/25/2019	AUDCHF	9:30:00 AM	0.7066	0.70709			N/A
1/25/2019	AUDCHF	11:30:00 AM					N/A
1/25/2019	AUDCHF	1:30:00 PM	0.70803	0.70866			N/A
1/25/2019	AUDCHF	3:30:00 PM	0.70997	0.71062			N/A
1/28/2019	AUDCHF	9:30:00 AM	0.71278	0.71335			N/A
1/28/2019	AUDCHF	11:30:00 AM	0.71203	0.71272			N/A
1/28/2019	AUDCHF	1:30:00 PM	0.71213	0.71266			N/A
1/28/2019	AUDCHF	3:30:00 PM	0.71141	0.71211			N/A
1/29/2019	AUDCHF	9:30:00 AM	0.71022	0.71089			N/A
1/29/2019	AUDCHF	11:30:00 AM					N/A
1/29/2019	AUDCHF	1:30:00 PM	0.71081	0.7115			N/A
1/29/2019	AUDCHF	3:30:00 PM	0.71145	0.7121			N/A
1/30/2019	AUDCHF	9:30:00 AM	0.71621	0.71685			N/A
1/30/2019	AUDCHF	11:30:00 AM	0.71663	0.71736			N/A
1/30/2019	AUDCHF	1:30:00 PM	0.71763	0.71837			N/A
1/30/2019	AUDCHF	3:30:00 PM	0.71705	0.71769			N/A
1/31/2019	AUDCHF	9:30:00 AM	0.72158	0.72202			N/A
1/31/2019	AUDCHF	11:30:00 AM					N/A
1/31/2019	AUDCHF	1:30:00 PM	0.72211	0.72284			N/A
1/31/2019	AUDCHF	3:30:00 PM	0.72261	0.72289			N/A
2/1/2019	AUDCHF	9:30:00 AM	0.72072	0.72143			N/A
2/1/2019	AUDCHF	11:30:00 AM	0.7202	0.72066			N/A
2/1/2019	AUDCHF	1:30:00 PM	0.72037	0.7211			N/A
2/1/2019	AUDCHF	3:30:00 PM	0.72276	0.72233			N/A
2/4/2019	AUDCHF	9:30:00 AM	0.7209	0.72159			N/A
2/4/2019	AUDCHF	11:30:00 AM					N/A
2/4/2019	AUDCHF	1:30:00 PM	0.72067	0.72133			N/A
2/4/2019	AUDCHF	3:30:00 PM	0.72012	0.72078			N/A
2/5/2019	AUDCHF	9:30:00 AM	0.72493	0.72553			N/A
2/5/2019	AUDCHF	11:30:00 AM	0.72384	0.72446			N/A
2/5/2019	AUDCHF	1:30:00 PM	0.72538	0.72585			N/A
2/5/2019	AUDCHF	3:30:00 PM	0.72479	0.72541			N/A
2/6/2019	AUDCHF	9:30:00 AM	0.71424	0.71476			N/A
2/6/2019	AUDCHF	11:30:00 AM					N/A
2/6/2019	AUDCHF	1:30:00 PM	0.71341	0.71409			N/A
2/6/2019	AUDCHF	3:30:00 PM	0.7129	0.71356			N/A
2/7/2019	AUDCHF	9:30:00 AM	0.71122	0.71194			N/A
2/7/2019	AUDCHF	11:30:00 AM	0.71159	0.71224			N/A
2/7/2019	AUDCHF	1:30:00 PM	0.7113	0.71199			N/A
2/7/2019	AUDCHF	3:30:00 PM	0.71153	0.71223			N/A
2/8/2019	AUDCHF	9:30:00 AM	0.70914	0.70964			N/A
2/8/2019	AUDCHF	11:30:00 AM					N/A
2/8/2019	AUDCHF	1:30:00 PM	0.70938	0.71011			N/A
2/8/2019	AUDCHF	3:30:00 PM	0.71031	0.71073			N/A
2/11/2019	AUDCHF	9:30:00 AM	0.70994	0.71049			N/A
2/11/2019	AUDCHF	11:30:00 AM	0.70989	0.71036			N/A
2/11/2019	AUDCHF	1:30:00 PM	0.71021	0.71078			N/A

2/11/2019	AUDCHF	3:30:00 PM	0.70973	0.7103			N/A
2/12/2019	AUDCHF	9:30:00 AM	0.71082	0.71151			N/A
2/12/2019	AUDCHF	11:30:00 AM					N/A
2/12/2019	AUDCHF	1:30:00 PM	0.71418	0.71488			N/A
2/12/2019	AUDCHF	3:30:00 PM	0.71502	0.71538			N/A
2/13/2019	AUDCHF	9:30:00 AM	0.71628	0.71699			N/A
2/13/2019	AUDCHF	11:30:00 AM	0.71508	0.71573			N/A
2/13/2019	AUDCHF	1:30:00 PM	0.715	0.71571			N/A
2/13/2019	AUDCHF	3:30:00 PM	0.71504	0.71544			N/A
2/14/2019	AUDCHF	9:30:00 AM	0.71852	0.71916			N/A
2/14/2019	AUDCHF	11:30:00 AM					N/A
2/14/2019	AUDCHF	1:30:00 PM	0.71626	0.71694			N/A
2/14/2019	AUDCHF	3:30:00 PM	0.71701	0.71732			N/A
2/15/2019	AUDCHF	9:30:00 AM					N/A
2/15/2019	AUDCHF	11:30:00 AM					N/A
2/15/2019	AUDCHF	1:30:00 PM					N/A
2/15/2019	AUDCHF	3:30:00 PM					N/A
2/18/2019	AUDCHF	9:30:00 AM	0.71764	0.71836			N/A
2/18/2019	AUDCHF	11:30:00 AM					N/A
2/18/2019	AUDCHF	1:30:00 PM	0.71708	0.7178			N/A
2/18/2019	AUDCHF	3:30:00 PM	0.71773	0.7184			N/A
2/19/2019	AUDCHF	9:30:00 AM	0.71516	0.71585			N/A
2/19/2019	AUDCHF	11:30:00 AM	0.71386	0.71445			N/A
2/19/2019	AUDCHF	1:30:00 PM	0.7143	0.71498			N/A
2/19/2019	AUDCHF	3:30:00 PM	0.71433	0.71499			N/A
2/20/2019	AUDCHF	9:30:00 AM	0.71728	0.71792			N/A
2/20/2019	AUDCHF	11:30:00 AM					N/A
2/20/2019	AUDCHF	1:30:00 PM	0.71586	0.71644			N/A
2/20/2019	AUDCHF	3:30:00 PM	0.71555	0.71622			N/A
2/21/2019	AUDCHF	9:30:00 AM	0.71297	0.71262			N/A
2/21/2019	AUDCHF	11:30:00 AM	0.71124	0.71181			N/A
2/21/2019	AUDCHF	1:30:00 PM	0.71127	0.71191			N/A
2/21/2019	AUDCHF	3:30:00 PM	0.71114	0.71161			N/A
2/22/2019	AUDCHF	9:30:00 AM	0.71163	0.71211			N/A
2/22/2019	AUDCHF	11:30:00 AM					N/A
2/22/2019	AUDCHF	1:30:00 PM	0.71114	0.71185			N/A
2/22/2019	AUDCHF	3:30:00 PM	0.71313	0.71377			N/A
2/25/2019	AUDCHF	9:30:00 AM	0.71433	0.7149			N/A
2/25/2019	AUDCHF	11:30:00 AM	0.71568	0.71642			N/A
2/25/2019	AUDCHF	1:30:00 PM	0.71654	0.71723			N/A
2/25/2019	AUDCHF	3:30:00 PM	0.71632	0.717			N/A
2/26/2019	AUDCHF	9:30:00 AM	0.71588	0.7166			N/A
2/26/2019	AUDCHF	11:30:00 AM					N/A
2/26/2019	AUDCHF	1:30:00 PM	0.71519	0.71583			N/A
2/26/2019	AUDCHF	3:30:00 PM	0.7155	0.71607			N/A
2/27/2019	AUDCHF	9:30:00 AM	0.71756	0.71823			N/A
2/27/2019	AUDCHF	11:30:00 AM	0.71522	0.71582			N/A
2/27/2019	AUDCHF	1:30:00 PM	0.71373	0.71439			N/A
2/27/2019	AUDCHF	3:30:00 PM	0.71351	0.71405			N/A
2/28/2019	AUDCHF	9:30:00 AM	0.71103	0.71156			N/A

2/28/2019	AUDCHF	11:30:00 AM					N/A
2/28/2019	AUDCHF	1:30:00 PM	0.70928	0.7099			N/A
2/28/2019	AUDCHF	3:30:00 PM	0.70942	0.70956			N/A
3/1/2019	AUDCHF	9:30:00 AM	0.70805	0.70865			N/A
3/1/2019	AUDCHF	11:30:00 AM	0.70966	0.7103			N/A
3/1/2019	AUDCHF	1:30:00 PM	0.70946	0.71009			N/A
3/1/2019	AUDCHF	3:30:00 PM	0.70928	0.70991			N/A
3/4/2019	AUDCHF	9:30:00 AM	0.70852	0.70922			N/A
3/4/2019	AUDCHF	11:30:00 AM					N/A
3/4/2019	AUDCHF	1:30:00 PM	0.70862	0.70919			N/A
3/4/2019	AUDCHF	3:30:00 PM	0.70886	0.70943			N/A
3/5/2019	AUDCHF	9:30:00 AM	0.7077	0.70835			N/A
3/5/2019	AUDCHF	11:30:00 AM	0.70867	0.70934			N/A
3/5/2019	AUDCHF	1:30:00 PM	0.70791	0.70858			N/A
3/5/2019	AUDCHF	3:30:00 PM	0.70758	0.70823			N/A
3/6/2019	AUDCHF	9:30:00 AM	0.70627	0.70686			N/A
3/6/2019	AUDCHF	11:30:00 AM					N/A
3/6/2019	AUDCHF	1:30:00 PM	0.70565	0.70636			N/A
3/6/2019	AUDCHF	3:30:00 PM	0.70612	0.70657			N/A
3/7/2019	AUDCHF	9:30:00 AM	0.70712	0.70773			N/A
3/7/2019	AUDCHF	11:30:00 AM	0.70703	0.70775			N/A
3/7/2019	AUDCHF	1:30:00 PM	0.70724	0.70787			N/A
3/7/2019	AUDCHF	3:30:00 PM	0.70899	0.70957			N/A
3/8/2019	AUDCHF	9:30:00 AM	0.70715	0.70782			N/A
3/8/2019	AUDCHF	11:30:00 AM					N/A
3/8/2019	AUDCHF	1:30:00 PM	0.70929	0.70997			N/A
3/8/2019	AUDCHF	3:30:00 PM	0.71022	0.70981			N/A
3/11/2019	AUDCHF	9:30:00 AM	0.70956	0.71021			N/A
3/11/2019	AUDCHF	11:30:00 AM	0.71011	0.71079			N/A
3/11/2019	AUDCHF	1:30:00 PM	0.71076	0.71138			N/A
3/11/2019	AUDCHF	3:30:00 PM	0.71251	0.7129			N/A
3/12/2019	AUDCHF	9:30:00 AM	0.71445	0.71512			N/A
3/12/2019	AUDCHF	11:30:00 AM					N/A
3/12/2019	AUDCHF	1:30:00 PM	0.71233	0.71307			N/A
3/12/2019	AUDCHF	3:30:00 PM	0.71375	0.7144			N/A
3/13/2019	AUDCHF	9:30:00 AM	0.71031	0.71095			N/A
3/13/2019	AUDCHF	11:30:00 AM	0.71075	0.71144			N/A
3/13/2019	AUDCHF	1:30:00 PM	0.7102	0.71081			N/A
3/13/2019	AUDCHF	3:30:00 PM	0.7101	0.71075			N/A
3/14/2019	AUDCHF	9:30:00 AM	0.70927	0.70987			N/A
3/14/2019	AUDCHF	11:30:00 AM					N/A
3/14/2019	AUDCHF	1:30:00 PM	0.7077	0.70825			N/A
3/14/2019	AUDCHF	3:30:00 PM	0.70788	0.7085			N/A
3/15/2019	AUDCHF	9:30:00 AM	0.71039	0.71105			N/A
3/15/2019	AUDCHF	11:30:00 AM	0.71091	0.71146			N/A
3/15/2019	AUDCHF	1:30:00 PM	0.70994	0.71065			N/A
3/15/2019	AUDCHF	3:30:00 PM	0.71042	0.71101			N/A
3/18/2019	AUDCHF	9:30:00 AM	0.71233	0.71307			N/A
3/18/2019	AUDCHF	11:30:00 AM					N/A
3/18/2019	AUDCHF	1:30:00 PM	0.71081	0.7115			N/A

3/18/2019	AUDCHF	3:30:00 PM	0.7104	0.71099			N/A
3/19/2019	AUDCHF	9:30:00 AM	0.70935	0.71004			N/A
3/19/2019	AUDCHF	11:30:00 AM	0.70948	0.71023			N/A
3/19/2019	AUDCHF	1:30:00 PM	0.70941	0.71005			N/A
3/19/2019	AUDCHF	3:30:00 PM	0.70979	0.71041			N/A
3/20/2019	AUDCHF	9:30:00 AM	0.70785	0.70855			N/A
3/20/2019	AUDCHF	11:30:00 AM					N/A
3/20/2019	AUDCHF	1:30:00 PM	0.70795	0.70865			N/A
3/20/2019	AUDCHF	3:30:00 PM	0.70821	0.70884			N/A
3/21/2019	AUDCHF	9:30:00 AM	0.70941	0.70983			N/A
3/21/2019	AUDCHF	11:30:00 AM	0.70885	0.70945			N/A
3/21/2019	AUDCHF	1:30:00 PM	0.70817	0.70885			N/A
3/21/2019	AUDCHF	3:30:00 PM	0.70693	0.70759			N/A
3/22/2019	AUDCHF	9:30:00 AM	0.70539	0.706			N/A
3/22/2019	AUDCHF	11:30:00 AM					N/A
3/22/2019	AUDCHF	1:30:00 PM	0.70495	0.70546	100	100	N/A
3/22/2019	AUDCHF	3:30:00 PM	0.70598	0.70666			N/A
3/25/2019	AUDCHF	9:30:00 AM	0.70396	0.7046			N/A
3/25/2019	AUDCHF	11:30:00 AM	0.70483	0.70553			N/A
3/25/2019	AUDCHF	1:30:00 PM	0.70449	0.7052			N/A
3/25/2019	AUDCHF	3:30:00 PM	0.70499	0.70552			N/A
3/26/2019	AUDCHF	9:30:00 AM	0.70673	0.70742			N/A
3/26/2019	AUDCHF	11:30:00 AM					N/A
3/26/2019	AUDCHF	1:30:00 PM	0.70714	0.70783			N/A
3/26/2019	AUDCHF	3:30:00 PM	0.70867	0.70935			N/A
3/27/2019	AUDCHF	9:30:00 AM	0.70638	0.70706			N/A
3/27/2019	AUDCHF	11:30:00 AM	0.70557	0.70624			N/A
3/27/2019	AUDCHF	1:30:00 PM	0.7044	0.70504			N/A
3/27/2019	AUDCHF	3:30:00 PM	0.70473	0.70526			N/A
3/28/2019	AUDCHF	9:30:00 AM	0.70676	0.70747			N/A
3/28/2019	AUDCHF	11:30:00 AM					N/A
3/28/2019	AUDCHF	1:30:00 PM	0.70516	0.70583			N/A
3/28/2019	AUDCHF	3:30:00 PM	0.70533	0.70586			N/A
3/29/2019	AUDCHF	9:30:00 AM	0.70659	0.70725			N/A
3/29/2019	AUDCHF	11:30:00 AM	0.70507	0.70571			N/A
3/29/2019	AUDCHF	1:30:00 PM	0.70572	0.70645			N/A
3/29/2019	AUDCHF	3:30:00 PM	0.70577	0.70628			N/A
1/1/2019	AUDCZK	9:30:00 AM					N/A
1/1/2019	AUDCZK	11:30:00 AM					N/A
1/1/2019	AUDCZK	1:30:00 PM					N/A
1/1/2019	AUDCZK	3:30:00 PM					N/A
1/2/2019	AUDCZK	9:30:00 AM					N/A
1/2/2019	AUDCZK	11:30:00 AM					N/A
1/2/2019	AUDCZK	1:30:00 PM					N/A
1/2/2019	AUDCZK	3:30:00 PM					N/A
1/3/2019	AUDCZK	9:30:00 AM					N/A
1/3/2019	AUDCZK	11:30:00 AM					N/A
1/3/2019	AUDCZK	1:30:00 PM					N/A
1/3/2019	AUDCZK	3:30:00 PM					N/A
1/4/2019	AUDCZK	9:30:00 AM					N/A

1/4/2019	AUDCZK	11:30:00 AM					N/A
1/4/2019	AUDCZK	1:30:00 PM					N/A
1/4/2019	AUDCZK	3:30:00 PM					N/A
1/7/2019	AUDCZK	9:30:00 AM	15.921	15.931			N/A
1/7/2019	AUDCZK	11:30:00 AM					N/A
1/7/2019	AUDCZK	1:30:00 PM	15.898	15.914			N/A
1/7/2019	AUDCZK	3:30:00 PM	15.921	15.933			N/A
1/8/2019	AUDCZK	9:30:00 AM	15.901	15.917			N/A
1/8/2019	AUDCZK	11:30:00 AM	15.946	15.957			N/A
1/8/2019	AUDCZK	1:30:00 PM	15.945	15.96			N/A
1/8/2019	AUDCZK	3:30:00 PM	15.959	15.972			N/A
1/9/2019	AUDCZK	9:30:00 AM	15.975	15.988			N/A
1/9/2019	AUDCZK	11:30:00 AM					N/A
1/9/2019	AUDCZK	1:30:00 PM	16.016	16.028			N/A
1/9/2019	AUDCZK	3:30:00 PM	16.021	16.038			N/A
1/10/2019	AUDCZK	9:30:00 AM	15.917	15.933			N/A
1/10/2019	AUDCZK	11:30:00 AM	15.94	15.951			N/A
1/10/2019	AUDCZK	1:30:00 PM	15.941	15.956			N/A
1/10/2019	AUDCZK	3:30:00 PM	15.952	15.963			N/A
1/11/2019	AUDCZK	9:30:00 AM	15.979	15.991			N/A
1/11/2019	AUDCZK	11:30:00 AM					N/A
1/11/2019	AUDCZK	1:30:00 PM	16.035	16.044			N/A
1/11/2019	AUDCZK	3:30:00 PM	16.012	16.018			N/A
1/14/2019	AUDCZK	9:30:00 AM	15.994	16.006			N/A
1/14/2019	AUDCZK	11:30:00 AM	16.013	16.027			N/A
1/14/2019	AUDCZK	1:30:00 PM	16.029	16.04			N/A
1/14/2019	AUDCZK	3:30:00 PM	16.025	16.034			N/A
1/15/2019	AUDCZK	9:30:00 AM	16.046	16.062			N/A
1/15/2019	AUDCZK	11:30:00 AM					N/A
1/15/2019	AUDCZK	1:30:00 PM	16.077	16.093			N/A
1/15/2019	AUDCZK	3:30:00 PM	16.081	16.091			N/A
1/16/2019	AUDCZK	9:30:00 AM	16.12	16.135			N/A
1/16/2019	AUDCZK	11:30:00 AM	16.083	16.098			N/A
1/16/2019	AUDCZK	1:30:00 PM	16.072	16.084			N/A
1/16/2019	AUDCZK	3:30:00 PM	16.08	16.096			N/A
1/17/2019	AUDCZK	9:30:00 AM	16.034	16.048			N/A
1/17/2019	AUDCZK	11:30:00 AM					N/A
1/17/2019	AUDCZK	1:30:00 PM	16.031	16.048			N/A
1/17/2019	AUDCZK	3:30:00 PM	16.039	16.045			N/A
1/18/2019	AUDCZK	9:30:00 AM	16.097	16.114			N/A
1/18/2019	AUDCZK	11:30:00 AM	16.078	16.09			N/A
1/18/2019	AUDCZK	1:30:00 PM	16.099	16.115			N/A
1/18/2019	AUDCZK	3:30:00 PM	16.119	16.131			N/A
1/21/2019	AUDCZK	9:30:00 AM	16.09	16.106			N/A
1/21/2019	AUDCZK	11:30:00 AM					N/A
1/21/2019	AUDCZK	1:30:00 PM	16.088	16.103			N/A
1/21/2019	AUDCZK	3:30:00 PM	16.076	16.091			N/A
1/22/2019	AUDCZK	9:30:00 AM	16.05	16.061			N/A
1/22/2019	AUDCZK	11:30:00 AM	16.034	16.051			N/A
1/22/2019	AUDCZK	1:30:00 PM	16.034	16.051			N/A

1/22/2019	AUDCZK	3:30:00 PM	16.054	16.07			N/A
1/23/2019	AUDCZK	9:30:00 AM	16.072	16.085			N/A
1/23/2019	AUDCZK	11:30:00 AM					N/A
1/23/2019	AUDCZK	1:30:00 PM	16.102	16.119			N/A
1/23/2019	AUDCZK	3:30:00 PM	16.094	16.11			N/A
1/24/2019	AUDCZK	9:30:00 AM					N/A
1/24/2019	AUDCZK	11:30:00 AM	16.06	16.073			N/A
1/24/2019	AUDCZK	1:30:00 PM	16.062	16.072			N/A
1/24/2019	AUDCZK	3:30:00 PM	16.085	16.1			N/A
1/25/2019	AUDCZK	9:30:00 AM	16.119	16.131			N/A
1/25/2019	AUDCZK	11:30:00 AM					N/A
1/25/2019	AUDCZK	1:30:00 PM	16.092	16.105			N/A
1/25/2019	AUDCZK	3:30:00 PM	16.107	16.123			N/A
1/28/2019	AUDCZK	9:30:00 AM	16.154	16.163			N/A
1/28/2019	AUDCZK	11:30:00 AM	16.164	16.181			N/A
1/28/2019	AUDCZK	1:30:00 PM	16.157	16.172			N/A
1/28/2019	AUDCZK	3:30:00 PM	16.141	16.158			N/A
1/29/2019	AUDCZK	9:30:00 AM	16.116	16.131			N/A
1/29/2019	AUDCZK	11:30:00 AM					N/A
1/29/2019	AUDCZK	1:30:00 PM	16.106	16.121			N/A
1/29/2019	AUDCZK	3:30:00 PM	16.121	16.139			N/A
1/30/2019	AUDCZK	9:30:00 AM	16.189	16.202			N/A
1/30/2019	AUDCZK	11:30:00 AM	16.211	16.229			N/A
1/30/2019	AUDCZK	1:30:00 PM	16.222	16.239			N/A
1/30/2019	AUDCZK	3:30:00 PM	16.202	16.218			N/A
1/31/2019	AUDCZK	9:30:00 AM	16.259	16.274			N/A
1/31/2019	AUDCZK	11:30:00 AM					N/A
1/31/2019	AUDCZK	1:30:00 PM	16.298	16.314			N/A
1/31/2019	AUDCZK	3:30:00 PM	16.3	16.312			N/A
2/1/2019	AUDCZK	9:30:00 AM	16.281	16.298			N/A
2/1/2019	AUDCZK	11:30:00 AM	16.272	16.285			N/A
2/1/2019	AUDCZK	1:30:00 PM	16.271	16.288			N/A
2/1/2019	AUDCZK	3:30:00 PM	16.256	16.264			N/A
2/4/2019	AUDCZK	9:30:00 AM	16.229	16.245			N/A
2/4/2019	AUDCZK	11:30:00 AM					N/A
2/4/2019	AUDCZK	1:30:00 PM	16.225	16.243			N/A
2/4/2019	AUDCZK	3:30:00 PM	16.207	16.219			N/A
2/5/2019	AUDCZK	9:30:00 AM	16.302	16.315			N/A
2/5/2019	AUDCZK	11:30:00 AM	16.267	16.28			N/A
2/5/2019	AUDCZK	1:30:00 PM	16.278	16.291			N/A
2/5/2019	AUDCZK	3:30:00 PM	16.276	16.293			N/A
2/6/2019	AUDCZK	9:30:00 AM	16.102	16.116			N/A
2/6/2019	AUDCZK	11:30:00 AM					N/A
2/6/2019	AUDCZK	1:30:00 PM	16.115	16.132			N/A
2/6/2019	AUDCZK	3:30:00 PM	16.119	16.134			N/A
2/7/2019	AUDCZK	9:30:00 AM	16.105	16.122			N/A
2/7/2019	AUDCZK	11:30:00 AM	16.123	16.138			N/A
2/7/2019	AUDCZK	1:30:00 PM	16.145	16.159			N/A
2/7/2019	AUDCZK	3:30:00 PM	16.152	16.169			N/A
2/8/2019	AUDCZK	9:30:00 AM	16.092	16.106			N/A

2/8/2019	AUDCZK	11:30:00 AM					N/A
2/8/2019	AUDCZK	1:30:00 PM	16.095	16.113			N/A
2/8/2019	AUDCZK	3:30:00 PM	16.12	16.128			N/A
2/11/2019	AUDCZK	9:30:00 AM	16.162	16.176			N/A
2/11/2019	AUDCZK	11:30:00 AM	16.16	16.175			N/A
2/11/2019	AUDCZK	1:30:00 PM	16.154	16.17			N/A
2/11/2019	AUDCZK	3:30:00 PM	16.142	16.151			N/A
2/12/2019	AUDCZK	9:30:00 AM	16.211	16.229			N/A
2/12/2019	AUDCZK	11:30:00 AM					N/A
2/12/2019	AUDCZK	1:30:00 PM	16.218	16.234			N/A
2/12/2019	AUDCZK	3:30:00 PM	16.221	16.239			N/A
2/13/2019	AUDCZK	9:30:00 AM	16.234	16.244			N/A
2/13/2019	AUDCZK	11:30:00 AM	16.193	16.202			N/A
2/13/2019	AUDCZK	1:30:00 PM	16.213	16.23			N/A
2/13/2019	AUDCZK	3:30:00 PM	16.21	16.222			N/A
2/14/2019	AUDCZK	9:30:00 AM	16.264	16.28			N/A
2/14/2019	AUDCZK	11:30:00 AM					N/A
2/14/2019	AUDCZK	1:30:00 PM	16.225	16.243			N/A
2/14/2019	AUDCZK	3:30:00 PM	16.242	16.257			N/A
2/15/2019	AUDCZK	9:30:00 AM					N/A
2/15/2019	AUDCZK	11:30:00 AM					N/A
2/15/2019	AUDCZK	1:30:00 PM					N/A
2/15/2019	AUDCZK	3:30:00 PM					N/A
2/18/2019	AUDCZK	9:30:00 AM	16.211	16.226			N/A
2/18/2019	AUDCZK	11:30:00 AM					N/A
2/18/2019	AUDCZK	1:30:00 PM	16.22	16.238			N/A
2/18/2019	AUDCZK	3:30:00 PM	16.238	16.254			N/A
2/19/2019	AUDCZK	9:30:00 AM	16.184	16.201			N/A
2/19/2019	AUDCZK	11:30:00 AM	16.162	16.17			N/A
2/19/2019	AUDCZK	1:30:00 PM					N/A
2/19/2019	AUDCZK	3:30:00 PM	16.174	16.189			N/A
2/20/2019	AUDCZK	9:30:00 AM	16.206	16.22			N/A
2/20/2019	AUDCZK	11:30:00 AM					N/A
2/20/2019	AUDCZK	1:30:00 PM	16.184	16.199			N/A
2/20/2019	AUDCZK	3:30:00 PM	16.185	16.201			N/A
2/21/2019	AUDCZK	9:30:00 AM	16.109	16.115			N/A
2/21/2019	AUDCZK	11:30:00 AM	16.068	16.082			N/A
2/21/2019	AUDCZK	1:30:00 PM	16.059	16.075			N/A
2/21/2019	AUDCZK	3:30:00 PM	16.042	16.054			N/A
2/22/2019	AUDCZK	9:30:00 AM	16.052	16.066			N/A
2/22/2019	AUDCZK	11:30:00 AM					N/A
2/22/2019	AUDCZK	1:30:00 PM	16.063	16.08			N/A
2/22/2019	AUDCZK	3:30:00 PM	16.109	16.124			N/A
2/25/2019	AUDCZK	9:30:00 AM	16.13	16.146			N/A
2/25/2019	AUDCZK	11:30:00 AM	16.153	16.171			N/A
2/25/2019	AUDCZK	1:30:00 PM	16.171	16.187			N/A
2/25/2019	AUDCZK	3:30:00 PM	16.175	16.189			N/A
2/26/2019	AUDCZK	9:30:00 AM	16.139	16.156			N/A
2/26/2019	AUDCZK	11:30:00 AM					N/A
2/26/2019	AUDCZK	1:30:00 PM	16.124	16.138			N/A

2/26/2019	AUDCZK	3:30:00 PM	16.133	16.146			N/A
2/27/2019	AUDCZK	9:30:00 AM	16.165	16.181			N/A
2/27/2019	AUDCZK	11:30:00 AM	16.115	16.131			N/A
2/27/2019	AUDCZK	1:30:00 PM	16.096	16.112			N/A
2/27/2019	AUDCZK	3:30:00 PM	16.099	16.113			N/A
2/28/2019	AUDCZK	9:30:00 AM	16.053	16.068			N/A
2/28/2019	AUDCZK	11:30:00 AM					N/A
2/28/2019	AUDCZK	1:30:00 PM	16.002	16.017			N/A
2/28/2019	AUDCZK	3:30:00 PM	16.004	16.006			N/A
3/1/2019	AUDCZK	9:30:00 AM	15.965	15.976			N/A
3/1/2019	AUDCZK	11:30:00 AM	15.975	15.989			N/A
3/1/2019	AUDCZK	1:30:00 PM	15.99	16.005			N/A
3/1/2019	AUDCZK	3:30:00 PM	15.988	16.004			N/A
3/4/2019	AUDCZK	9:30:00 AM	15.962	15.979			N/A
3/4/2019	AUDCZK	11:30:00 AM					N/A
3/4/2019	AUDCZK	1:30:00 PM	15.991	16.008			N/A
3/4/2019	AUDCZK	3:30:00 PM	16	16.017			N/A
3/5/2019	AUDCZK	9:30:00 AM	15.999	16.011			N/A
3/5/2019	AUDCZK	11:30:00 AM	15.988	16.005			N/A
3/5/2019	AUDCZK	1:30:00 PM	15.981	15.997			N/A
3/5/2019	AUDCZK	3:30:00 PM	15.978	15.995			N/A
3/6/2019	AUDCZK	9:30:00 AM	15.928	15.943			N/A
3/6/2019	AUDCZK	11:30:00 AM					N/A
3/6/2019	AUDCZK	1:30:00 PM	15.895	15.913			N/A
3/6/2019	AUDCZK	3:30:00 PM	15.884	15.9			N/A
3/7/2019	AUDCZK	9:30:00 AM	15.927	15.944			N/A
3/7/2019	AUDCZK	11:30:00 AM	15.911	15.925			N/A
3/7/2019	AUDCZK	1:30:00 PM	15.923	15.939			N/A
3/7/2019	AUDCZK	3:30:00 PM	15.974	15.986			N/A
3/8/2019	AUDCZK	9:30:00 AM	16.004	16.02			N/A
3/8/2019	AUDCZK	11:30:00 AM					N/A
3/8/2019	AUDCZK	1:30:00 PM	16.021	16.038			N/A
3/8/2019	AUDCZK	3:30:00 PM	16.05	16.065			N/A
3/11/2019	AUDCZK	9:30:00 AM	16.041	16.056			N/A
3/11/2019	AUDCZK	11:30:00 AM	16.059	16.076			N/A
3/11/2019	AUDCZK	1:30:00 PM	16.062	16.077			N/A
3/11/2019	AUDCZK	3:30:00 PM	16.078	16.092			N/A
3/12/2019	AUDCZK	9:30:00 AM	16.096	16.112			N/A
3/12/2019	AUDCZK	11:30:00 AM					N/A
3/12/2019	AUDCZK	1:30:00 PM	16.091	16.107			N/A
3/12/2019	AUDCZK	3:30:00 PM	16.098	16.116			N/A
3/13/2019	AUDCZK	9:30:00 AM	16.02	16.036			N/A
3/13/2019	AUDCZK	11:30:00 AM					N/A
3/13/2019	AUDCZK	1:30:00 PM	16.028	16.045			N/A
3/13/2019	AUDCZK	3:30:00 PM	16.023	16.034			N/A
3/14/2019	AUDCZK	9:30:00 AM	15.984	15.999			N/A
3/14/2019	AUDCZK	11:30:00 AM					N/A
3/14/2019	AUDCZK	1:30:00 PM	15.984	15.999			N/A
3/14/2019	AUDCZK	3:30:00 PM	15.993	16.008			N/A
3/15/2019	AUDCZK	9:30:00 AM	16.053	16.07			N/A

3/15/2019	AUDCZK	11:30:00 AM	16.039	16.056			N/A
3/15/2019	AUDCZK	1:30:00 PM					N/A
3/15/2019	AUDCZK	3:30:00 PM	16.035	16.05			N/A
3/18/2019	AUDCZK	9:30:00 AM	16.071	16.088			N/A
3/18/2019	AUDCZK	11:30:00 AM					N/A
3/18/2019	AUDCZK	1:30:00 PM	16.035	16.052			N/A
3/18/2019	AUDCZK	3:30:00 PM	16.005	16.021			N/A
3/19/2019	AUDCZK	9:30:00 AM	15.99	16.005			N/A
3/19/2019	AUDCZK	11:30:00 AM	15.991	16.007			N/A
3/19/2019	AUDCZK	1:30:00 PM	15.982	15.997			N/A
3/19/2019	AUDCZK	3:30:00 PM	15.999	16.013			N/A
3/20/2019	AUDCZK	9:30:00 AM	15.977	15.993			N/A
3/20/2019	AUDCZK	11:30:00 AM					N/A
3/20/2019	AUDCZK	1:30:00 PM	15.988	16.005			N/A
3/20/2019	AUDCZK	3:30:00 PM	16.005	16.02			N/A
3/21/2019	AUDCZK	9:30:00 AM	16.039	16.051			N/A
3/21/2019	AUDCZK	11:30:00 AM	16.033	16.049			N/A
3/21/2019	AUDCZK	1:30:00 PM	16.035	16.051			N/A
3/21/2019	AUDCZK	3:30:00 PM	16.024	16.04			N/A
3/22/2019	AUDCZK	9:30:00 AM	16.004	16.02			N/A
3/22/2019	AUDCZK	11:30:00 AM					N/A
3/22/2019	AUDCZK	1:30:00 PM	16.107	16.118			N/A
3/22/2019	AUDCZK	3:30:00 PM					N/A
3/25/2019	AUDCZK	9:30:00 AM	16.112	16.127			N/A
3/25/2019	AUDCZK	11:30:00 AM	16.111	16.122			N/A
3/25/2019	AUDCZK	1:30:00 PM	16.14	16.156			N/A
3/25/2019	AUDCZK	3:30:00 PM	16.153	16.162			N/A
3/26/2019	AUDCZK	9:30:00 AM	16.199	16.216			N/A
3/26/2019	AUDCZK	11:30:00 AM					N/A
3/26/2019	AUDCZK	1:30:00 PM	16.205	16.221			N/A
3/26/2019	AUDCZK	3:30:00 PM	16.255	16.268			N/A
3/27/2019	AUDCZK	9:30:00 AM	16.224	16.237			N/A
3/27/2019	AUDCZK	11:30:00 AM	16.201	16.218			N/A
3/27/2019	AUDCZK	1:30:00 PM	16.205	16.221			N/A
3/27/2019	AUDCZK	3:30:00 PM	16.227	16.24			N/A
3/28/2019	AUDCZK	9:30:00 AM	16.248	16.265			N/A
3/28/2019	AUDCZK	11:30:00 AM					N/A
3/28/2019	AUDCZK	1:30:00 PM	16.244	16.257			N/A
3/28/2019	AUDCZK	3:30:00 PM	16.239	16.251			N/A
3/29/2019	AUDCZK	9:30:00 AM	16.275	16.291			N/A
3/29/2019	AUDCZK	11:30:00 AM	16.288	16.3			N/A
3/29/2019	AUDCZK	1:30:00 PM	16.275	16.292			N/A
3/29/2019	AUDCZK	3:30:00 PM	16.277	16.289			N/A
1/1/2019	AUDDKK	9:30:00 AM					N/A
1/1/2019	AUDDKK	11:30:00 AM					N/A
1/1/2019	AUDDKK	1:30:00 PM					N/A
1/1/2019	AUDDKK	3:30:00 PM					N/A
1/2/2019	AUDDKK	9:30:00 AM					N/A
1/2/2019	AUDDKK	11:30:00 AM					N/A
1/2/2019	AUDDKK	1:30:00 PM					N/A

1/2/2019	AUDDKK	3:30:00 PM					N/A
1/3/2019	AUDDKK	9:30:00 AM					N/A
1/3/2019	AUDDKK	11:30:00 AM					N/A
1/3/2019	AUDDKK	1:30:00 PM					N/A
1/3/2019	AUDDKK	3:30:00 PM					N/A
1/4/2019	AUDDKK	9:30:00 AM					N/A
1/4/2019	AUDDKK	11:30:00 AM					N/A
1/4/2019	AUDDKK	1:30:00 PM					N/A
1/4/2019	AUDDKK	3:30:00 PM					N/A
1/7/2019	AUDDKK	9:30:00 AM	4.6601	4.6626			N/A
1/7/2019	AUDDKK	11:30:00 AM					N/A
1/7/2019	AUDDKK	1:30:00 PM	4.6493	4.6537			N/A
1/7/2019	AUDDKK	3:30:00 PM	4.6536	4.6577			N/A
1/8/2019	AUDDKK	9:30:00 AM	4.6478	4.6522			N/A
1/8/2019	AUDDKK	11:30:00 AM	4.6488	4.6531			N/A
1/8/2019	AUDDKK	1:30:00 PM	4.6487	4.6528			N/A
1/8/2019	AUDDKK	3:30:00 PM	4.6522	4.6564			N/A
1/9/2019	AUDDKK	9:30:00 AM	4.6579	4.6623			N/A
1/9/2019	AUDDKK	11:30:00 AM					N/A
1/9/2019	AUDDKK	1:30:00 PM	4.6713	4.6746			N/A
1/9/2019	AUDDKK	3:30:00 PM	4.6714	4.676			N/A
1/10/2019	AUDDKK	9:30:00 AM	4.6423	4.6461			N/A
1/10/2019	AUDDKK	11:30:00 AM	4.6487	4.6523			N/A
1/10/2019	AUDDKK	1:30:00 PM	4.6488	4.6527			N/A
1/10/2019	AUDDKK	3:30:00 PM	4.6525	4.6561			N/A
1/11/2019	AUDDKK	9:30:00 AM	4.6687	4.672			N/A
1/11/2019	AUDDKK	11:30:00 AM					N/A
1/11/2019	AUDDKK	1:30:00 PM	4.6796	4.6828			N/A
1/11/2019	AUDDKK	3:30:00 PM	4.6745	4.6783			N/A
1/14/2019	AUDDKK	9:30:00 AM	4.6749	4.6794			N/A
1/14/2019	AUDDKK	11:30:00 AM	4.6803	4.684			N/A
1/14/2019	AUDDKK	1:30:00 PM	4.6815	4.686			N/A
1/14/2019	AUDDKK	3:30:00 PM	4.682	4.6862			N/A
1/15/2019	AUDDKK	9:30:00 AM	4.6923	4.6968			N/A
1/15/2019	AUDDKK	11:30:00 AM					N/A
1/15/2019	AUDDKK	1:30:00 PM	4.7007	4.7052			N/A
1/15/2019	AUDDKK	3:30:00 PM	4.699	4.7027			N/A
1/16/2019	AUDDKK	9:30:00 AM	4.7153	4.7196			N/A
1/16/2019	AUDDKK	11:30:00 AM	4.6994	4.7037			N/A
1/16/2019	AUDDKK	1:30:00 PM	4.6969	4.7009			N/A
1/16/2019	AUDDKK	3:30:00 PM	4.6987	4.7032			N/A
1/17/2019	AUDDKK	9:30:00 AM	4.6886	4.6929			N/A
1/17/2019	AUDDKK	11:30:00 AM					N/A
1/17/2019	AUDDKK	1:30:00 PM	4.6907	4.6949			N/A
1/17/2019	AUDDKK	3:30:00 PM	4.6939	4.6954			N/A
1/18/2019	AUDDKK	9:30:00 AM	4.709	4.7134			N/A
1/18/2019	AUDDKK	11:30:00 AM	4.7001	4.7038			N/A
1/18/2019	AUDDKK	1:30:00 PM	4.7035	4.7079			N/A
1/18/2019	AUDDKK	3:30:00 PM	4.7089	4.7111			N/A
1/21/2019	AUDDKK	9:30:00 AM	4.6998	4.7037			N/A

1/21/2019	AUDDKK	11:30:00 AM					N/A
1/21/2019	AUDDKK	1:30:00 PM	4.6975	4.7009			N/A
1/21/2019	AUDDKK	3:30:00 PM	4.6944	4.6986			N/A
1/22/2019	AUDDKK	9:30:00 AM	4.6883	4.6907			N/A
1/22/2019	AUDDKK	11:30:00 AM	4.679	4.6836			N/A
1/22/2019	AUDDKK	1:30:00 PM	4.6801	4.6847			N/A
1/22/2019	AUDDKK	3:30:00 PM	4.6871	4.6917			N/A
1/23/2019	AUDDKK	9:30:00 AM	4.6849	4.6882			N/A
1/23/2019	AUDDKK	11:30:00 AM					N/A
1/23/2019	AUDDKK	1:30:00 PM	4.6867	4.6912			N/A
1/23/2019	AUDDKK	3:30:00 PM	4.6824	4.6864			N/A
1/24/2019	AUDDKK	9:30:00 AM	4.6568	4.6615			N/A
1/24/2019	AUDDKK	11:30:00 AM	4.6691	4.6725			N/A
1/24/2019	AUDDKK	1:30:00 PM	4.6702	4.6731			N/A
1/24/2019	AUDDKK	3:30:00 PM	4.6751	4.6792			N/A
1/25/2019	AUDDKK	9:30:00 AM	4.6803	4.6834			N/A
1/25/2019	AUDDKK	11:30:00 AM					N/A
1/25/2019	AUDDKK	1:30:00 PM	4.6775	4.6814			N/A
1/25/2019	AUDDKK	3:30:00 PM	4.6859	4.6899			N/A
1/28/2019	AUDDKK	9:30:00 AM	4.7013	4.7052			N/A
1/28/2019	AUDDKK	11:30:00 AM	4.6991	4.7039			N/A
1/28/2019	AUDDKK	1:30:00 PM	4.694	4.6977			N/A
1/28/2019	AUDDKK	3:30:00 PM	4.6874	4.6919			N/A
1/29/2019	AUDDKK	9:30:00 AM	4.6736	4.6778			N/A
1/29/2019	AUDDKK	11:30:00 AM					N/A
1/29/2019	AUDDKK	1:30:00 PM	4.6734	4.6781			N/A
1/29/2019	AUDDKK	3:30:00 PM	4.6778	4.6826			N/A
1/30/2019	AUDDKK	9:30:00 AM	4.6946	4.6986			N/A
1/30/2019	AUDDKK	11:30:00 AM	4.6971	4.7017			N/A
1/30/2019	AUDDKK	1:30:00 PM	4.701	4.7057			N/A
1/30/2019	AUDDKK	3:30:00 PM	4.6942	4.6983			N/A
1/31/2019	AUDDKK	9:30:00 AM	4.7148	4.7183			N/A
1/31/2019	AUDDKK	11:30:00 AM					N/A
1/31/2019	AUDDKK	1:30:00 PM	4.7283	4.7329			N/A
1/31/2019	AUDDKK	3:30:00 PM	4.7284	4.7319			N/A
2/1/2019	AUDDKK	9:30:00 AM	4.7228	4.7276			N/A
2/1/2019	AUDDKK	11:30:00 AM	4.7232	4.7277			N/A
2/1/2019	AUDDKK	1:30:00 PM	4.723	4.7279			N/A
2/1/2019	AUDDKK	3:30:00 PM	4.7332	4.7314			N/A
2/4/2019	AUDDKK	9:30:00 AM	4.7181	4.7227			N/A
2/4/2019	AUDDKK	11:30:00 AM					N/A
2/4/2019	AUDDKK	1:30:00 PM	4.7117	4.7164			N/A
2/4/2019	AUDDKK	3:30:00 PM	4.7077	4.7111			N/A
2/5/2019	AUDDKK	9:30:00 AM	4.7428	4.7462			N/A
2/5/2019	AUDDKK	11:30:00 AM	4.7326	4.737			N/A
2/5/2019	AUDDKK	1:30:00 PM	4.7361	4.7393			N/A
2/5/2019	AUDDKK	3:30:00 PM	4.7325	4.7367			N/A
2/6/2019	AUDDKK	9:30:00 AM	4.6793	4.6829			N/A
2/6/2019	AUDDKK	11:30:00 AM					N/A
2/6/2019	AUDDKK	1:30:00 PM	4.6749	4.6795			N/A

2/6/2019	AUDDKK	3:30:00 PM	4.6708	4.6752			N/A
2/7/2019	AUDDKK	9:30:00 AM	4.664	4.6687			N/A
2/7/2019	AUDDKK	11:30:00 AM	4.6691	4.6736			N/A
2/7/2019	AUDDKK	1:30:00 PM	4.675	4.6796			N/A
2/7/2019	AUDDKK	3:30:00 PM	4.6764	4.6808			N/A
2/8/2019	AUDDKK	9:30:00 AM	4.6608	4.6647			N/A
2/8/2019	AUDDKK	11:30:00 AM					N/A
2/8/2019	AUDDKK	1:30:00 PM	4.6609	4.6657			N/A
2/8/2019	AUDDKK	3:30:00 PM	4.6666	4.6688			N/A
2/11/2019	AUDDKK	9:30:00 AM	4.6773	4.6814			N/A
2/11/2019	AUDDKK	11:30:00 AM	4.6731	4.6768			N/A
2/11/2019	AUDDKK	1:30:00 PM	4.672	4.6763			N/A
2/11/2019	AUDDKK	3:30:00 PM	4.6664	4.6701			N/A
2/12/2019	AUDDKK	9:30:00 AM	4.6809	4.6854			N/A
2/12/2019	AUDDKK	11:30:00 AM					N/A
2/12/2019	AUDDKK	1:30:00 PM	4.6862	4.6905			N/A
2/12/2019	AUDDKK	3:30:00 PM	4.6839	4.6883			N/A
2/13/2019	AUDDKK	9:30:00 AM	4.6909	4.6956			N/A
2/13/2019	AUDDKK	11:30:00 AM	4.6855	4.6899			N/A
2/13/2019	AUDDKK	1:30:00 PM	4.6884	4.6933			N/A
2/13/2019	AUDDKK	3:30:00 PM	4.6934	4.6968			N/A
2/14/2019	AUDDKK	9:30:00 AM	4.7119	4.716			N/A
2/14/2019	AUDDKK	11:30:00 AM					N/A
2/14/2019	AUDDKK	1:30:00 PM	4.6997	4.7045			N/A
2/14/2019	AUDDKK	3:30:00 PM	4.705	4.7073			N/A
2/15/2019	AUDDKK	9:30:00 AM					N/A
2/15/2019	AUDDKK	11:30:00 AM					N/A
2/15/2019	AUDDKK	1:30:00 PM					N/A
2/15/2019	AUDDKK	3:30:00 PM					N/A
2/18/2019	AUDDKK	9:30:00 AM	4.7179	4.7224			N/A
2/18/2019	AUDDKK	11:30:00 AM					N/A
2/18/2019	AUDDKK	1:30:00 PM	4.7101	4.7148			N/A
2/18/2019	AUDDKK	3:30:00 PM	4.7151	4.7194			N/A
2/19/2019	AUDDKK	9:30:00 AM	4.6974	4.702			N/A
2/19/2019	AUDDKK	11:30:00 AM	4.69	4.6938			N/A
2/19/2019	AUDDKK	1:30:00 PM	4.6987	4.7033			N/A
2/19/2019	AUDDKK	3:30:00 PM	4.6979	4.7018			N/A
2/20/2019	AUDDKK	9:30:00 AM	4.7134	4.717			N/A
2/20/2019	AUDDKK	11:30:00 AM					N/A
2/20/2019	AUDDKK	1:30:00 PM	4.7073	4.7111			N/A
2/20/2019	AUDDKK	3:30:00 PM	4.7073	4.7115			N/A
2/21/2019	AUDDKK	9:30:00 AM	4.6864	4.6853			N/A
2/21/2019	AUDDKK	11:30:00 AM	4.6766	4.6804			N/A
2/21/2019	AUDDKK	1:30:00 PM	4.674	4.6785			N/A
2/21/2019	AUDDKK	3:30:00 PM	4.6705	4.6727			N/A
2/22/2019	AUDDKK	9:30:00 AM	4.6766	4.6804			N/A
2/22/2019	AUDDKK	11:30:00 AM					N/A
2/22/2019	AUDDKK	1:30:00 PM	4.6778	4.6825			N/A
2/22/2019	AUDDKK	3:30:00 PM	4.6896	4.694			N/A
2/25/2019	AUDDKK	9:30:00 AM	4.6973	4.7018			N/A

2/25/2019	AUDDKK	11:30:00 AM	4.7069	4.7116			N/A
2/25/2019	AUDDKK	1:30:00 PM	4.7106	4.7154			N/A
2/25/2019	AUDDKK	3:30:00 PM	4.708	4.7122			N/A
2/26/2019	AUDDKK	9:30:00 AM	4.7022	4.7063			N/A
2/26/2019	AUDDKK	11:30:00 AM					N/A
2/26/2019	AUDDKK	1:30:00 PM	4.6928	4.6967			N/A
2/26/2019	AUDDKK	3:30:00 PM	4.6948	4.6986			N/A
2/27/2019	AUDDKK	9:30:00 AM	4.7081	4.7123			N/A
2/27/2019	AUDDKK	11:30:00 AM	4.6943	4.6986			N/A
2/27/2019	AUDDKK	1:30:00 PM	4.6869	4.6913			N/A
2/27/2019	AUDDKK	3:30:00 PM	4.6859	4.6899			N/A
2/28/2019	AUDDKK	9:30:00 AM	4.6751	4.6792			N/A
2/28/2019	AUDDKK	11:30:00 AM					N/A
2/28/2019	AUDDKK	1:30:00 PM	4.665	4.6692			N/A
2/28/2019	AUDDKK	3:30:00 PM	4.6671	4.6688			N/A
3/1/2019	AUDDKK	9:30:00 AM	4.6548	4.6593			N/A
3/1/2019	AUDDKK	11:30:00 AM	4.6585	4.6626			N/A
3/1/2019	AUDDKK	1:30:00 PM	4.6593	4.6636			N/A
3/1/2019	AUDDKK	3:30:00 PM	4.6571	4.6614			N/A
3/4/2019	AUDDKK	9:30:00 AM	4.6513	4.656			N/A
3/4/2019	AUDDKK	11:30:00 AM					N/A
3/4/2019	AUDDKK	1:30:00 PM	4.6592	4.6639			N/A
3/4/2019	AUDDKK	3:30:00 PM	4.6636	4.6683			N/A
3/5/2019	AUDDKK	9:30:00 AM	4.6637	4.6675			N/A
3/5/2019	AUDDKK	11:30:00 AM	4.662	4.6665			N/A
3/5/2019	AUDDKK	1:30:00 PM	4.6598	4.6643			N/A
3/5/2019	AUDDKK	3:30:00 PM	4.6577	4.662			N/A
3/6/2019	AUDDKK	9:30:00 AM	4.6415	4.6458			N/A
3/6/2019	AUDDKK	11:30:00 AM					N/A
3/6/2019	AUDDKK	1:30:00 PM	4.6375	4.6421			N/A
3/6/2019	AUDDKK	3:30:00 PM	4.6397	4.6403			N/A
3/7/2019	AUDDKK	9:30:00 AM	4.6453	4.6498			N/A
3/7/2019	AUDDKK	11:30:00 AM	4.6431	4.6478			N/A
3/7/2019	AUDDKK	1:30:00 PM	4.645	4.6493			N/A
3/7/2019	AUDDKK	3:30:00 PM	4.659	4.663			N/A
3/8/2019	AUDDKK	9:30:00 AM	4.6621	4.6666			N/A
3/8/2019	AUDDKK	11:30:00 AM					N/A
3/8/2019	AUDDKK	1:30:00 PM	4.6694	4.674			N/A
3/8/2019	AUDDKK	3:30:00 PM	4.6786	4.6777			N/A
3/11/2019	AUDDKK	9:30:00 AM	4.6728	4.6771			N/A
3/11/2019	AUDDKK	11:30:00 AM	4.6738	4.6784			N/A
3/11/2019	AUDDKK	1:30:00 PM	4.6744	4.6784			N/A
3/11/2019	AUDDKK	3:30:00 PM	4.6805	4.6833			N/A
3/12/2019	AUDDKK	9:30:00 AM	4.6839	4.6883			N/A
3/12/2019	AUDDKK	11:30:00 AM					N/A
3/12/2019	AUDDKK	1:30:00 PM	4.6794	4.6842			N/A
3/12/2019	AUDDKK	3:30:00 PM	4.6827	4.6871			N/A
3/13/2019	AUDDKK	9:30:00 AM	4.6594	4.6638			N/A
3/13/2019	AUDDKK	11:30:00 AM	4.6667	4.6716			N/A
3/13/2019	AUDDKK	1:30:00 PM	4.6625	4.6668			N/A

3/13/2019	AUDDKK	3:30:00 PM	4.6605	4.6644			N/A
3/14/2019	AUDDKK	9:30:00 AM	4.653	4.6573			N/A
3/14/2019	AUDDKK	11:30:00 AM					N/A
3/14/2019	AUDDKK	1:30:00 PM	4.6521	4.6555			N/A
3/14/2019	AUDDKK	3:30:00 PM	4.6534	4.6575			N/A
3/15/2019	AUDDKK	9:30:00 AM	4.672	4.6762			N/A
3/15/2019	AUDDKK	11:30:00 AM	4.6689	4.6735			N/A
3/15/2019	AUDDKK	1:30:00 PM	4.6632	4.6681			N/A
3/15/2019	AUDDKK	3:30:00 PM	4.6669	4.6708			N/A
3/18/2019	AUDDKK	9:30:00 AM	4.6814	4.686			N/A
3/18/2019	AUDDKK	11:30:00 AM					N/A
3/18/2019	AUDDKK	1:30:00 PM	4.6715	4.6759			N/A
3/18/2019	AUDDKK	3:30:00 PM	4.6667	4.6709			N/A
3/19/2019	AUDDKK	9:30:00 AM	4.6633	4.668			N/A
3/19/2019	AUDDKK	11:30:00 AM	4.6638	4.6682			N/A
3/19/2019	AUDDKK	1:30:00 PM	4.6621	4.6663			N/A
3/19/2019	AUDDKK	3:30:00 PM	4.6669	4.6706			N/A
3/20/2019	AUDDKK	9:30:00 AM	4.6554	4.6601			N/A
3/20/2019	AUDDKK	11:30:00 AM					N/A
3/20/2019	AUDDKK	1:30:00 PM	4.6585	4.6631			N/A
3/20/2019	AUDDKK	3:30:00 PM	4.6616	4.6653			N/A
3/21/2019	AUDDKK	9:30:00 AM	4.6719	4.6744			N/A
3/21/2019	AUDDKK	11:30:00 AM	4.672	4.6761			N/A
3/21/2019	AUDDKK	1:30:00 PM	4.6695	4.674			N/A
3/21/2019	AUDDKK	3:30:00 PM	4.6666	4.6712			N/A
3/22/2019	AUDDKK	9:30:00 AM	4.6599	4.6643			N/A
3/22/2019	AUDDKK	11:30:00 AM					N/A
3/22/2019	AUDDKK	1:30:00 PM	4.6792	4.6827			N/A
3/22/2019	AUDDKK	3:30:00 PM	4.6852	4.6901			N/A
3/25/2019	AUDDKK	9:30:00 AM	4.6728	4.6771			N/A
3/25/2019	AUDDKK	11:30:00 AM	4.6762	4.6804			N/A
3/25/2019	AUDDKK	1:30:00 PM	4.6799	4.6845			N/A
3/25/2019	AUDDKK	3:30:00 PM	4.6834	4.6879			N/A
3/26/2019	AUDDKK	9:30:00 AM	4.6977	4.7021			N/A
3/26/2019	AUDDKK	11:30:00 AM					N/A
3/26/2019	AUDDKK	1:30:00 PM	4.6988	4.7034			N/A
3/26/2019	AUDDKK	3:30:00 PM	4.7128	4.7175			N/A
3/27/2019	AUDDKK	9:30:00 AM	4.705	4.7094			N/A
3/27/2019	AUDDKK	11:30:00 AM	4.7022	4.7068			N/A
3/27/2019	AUDDKK	1:30:00 PM	4.6961	4.7006			N/A
3/27/2019	AUDDKK	3:30:00 PM	4.6998	4.7032			N/A
3/28/2019	AUDDKK	9:30:00 AM	4.7103	4.7148			N/A
3/28/2019	AUDDKK	11:30:00 AM					N/A
3/28/2019	AUDDKK	1:30:00 PM	4.7064	4.7108			N/A
3/28/2019	AUDDKK	3:30:00 PM	4.7074	4.7107			N/A
3/29/2019	AUDDKK	9:30:00 AM	4.7137	4.7179			N/A
3/29/2019	AUDDKK	11:30:00 AM	4.7107	4.7148			N/A
3/29/2019	AUDDKK	1:30:00 PM	4.7092	4.7139			N/A
3/29/2019	AUDDKK	3:30:00 PM	4.7136	4.7167			N/A
1/1/2019	AUDHKD	9:30:00 AM					N/A

1/1/2019	AUDHKD	11:30:00 AM					N/A
1/1/2019	AUDHKD	1:30:00 PM					N/A
1/1/2019	AUDHKD	3:30:00 PM					N/A
1/2/2019	AUDHKD	9:30:00 AM					N/A
1/2/2019	AUDHKD	11:30:00 AM					N/A
1/2/2019	AUDHKD	1:30:00 PM					N/A
1/2/2019	AUDHKD	3:30:00 PM					N/A
1/3/2019	AUDHKD	9:30:00 AM					N/A
1/3/2019	AUDHKD	11:30:00 AM					N/A
1/3/2019	AUDHKD	1:30:00 PM					N/A
1/3/2019	AUDHKD	3:30:00 PM					N/A
1/4/2019	AUDHKD	9:30:00 AM					N/A
1/4/2019	AUDHKD	11:30:00 AM					N/A
1/4/2019	AUDHKD	1:30:00 PM					N/A
1/4/2019	AUDHKD	3:30:00 PM					N/A
1/7/2019	AUDHKD	9:30:00 AM	5.5801	5.5821			N/A
1/7/2019	AUDHKD	11:30:00 AM					N/A
1/7/2019	AUDHKD	1:30:00 PM	5.5791	5.583			N/A
1/7/2019	AUDHKD	3:30:00 PM	5.5906	5.594			N/A
1/8/2019	AUDHKD	9:30:00 AM	5.5818	5.585			N/A
1/8/2019	AUDHKD	11:30:00 AM	5.592	5.5945			N/A
1/8/2019	AUDHKD	1:30:00 PM	5.5851	5.588			N/A
1/8/2019	AUDHKD	3:30:00 PM	5.5862	5.5899			N/A
1/9/2019	AUDHKD	9:30:00 AM	5.6065	5.6104			N/A
1/9/2019	AUDHKD	11:30:00 AM					N/A
1/9/2019	AUDHKD	1:30:00 PM	5.613	5.6148			N/A
1/9/2019	AUDHKD	3:30:00 PM	5.6153	5.6192			N/A
1/10/2019	AUDHKD	9:30:00 AM	5.6276	5.6312			N/A
1/10/2019	AUDHKD	11:30:00 AM	5.6253	5.6275			N/A
1/10/2019	AUDHKD	1:30:00 PM	5.6296	5.6335			N/A
1/10/2019	AUDHKD	3:30:00 PM	5.6334	5.6374			N/A
1/11/2019	AUDHKD	9:30:00 AM	5.6538	5.6565			N/A
1/11/2019	AUDHKD	11:30:00 AM					N/A
1/11/2019	AUDHKD	1:30:00 PM	5.6646	5.667			N/A
1/11/2019	AUDHKD	3:30:00 PM	5.6626	5.6608			N/A
1/14/2019	AUDHKD	9:30:00 AM	5.6304	5.6343			N/A
1/14/2019	AUDHKD	11:30:00 AM	5.6399	5.6438			N/A
1/14/2019	AUDHKD	1:30:00 PM	5.64	5.6437			N/A
1/14/2019	AUDHKD	3:30:00 PM	5.6383	5.6419			N/A
1/15/2019	AUDHKD	9:30:00 AM	5.6596	5.6634			N/A
1/15/2019	AUDHKD	11:30:00 AM					N/A
1/15/2019	AUDHKD	1:30:00 PM	5.6466	5.6505			N/A
1/15/2019	AUDHKD	3:30:00 PM	5.6391	5.6415			N/A
1/16/2019	AUDHKD	9:30:00 AM	5.651	5.6549			N/A
1/16/2019	AUDHKD	11:30:00 AM	5.6382	5.6421			N/A
1/16/2019	AUDHKD	1:30:00 PM	5.6227	5.6266			N/A
1/16/2019	AUDHKD	3:30:00 PM	5.6249	5.6287			N/A
1/17/2019	AUDHKD	9:30:00 AM	5.6061	5.61			N/A
1/17/2019	AUDHKD	11:30:00 AM					N/A
1/17/2019	AUDHKD	1:30:00 PM	5.6183	5.622			N/A

1/17/2019	AUDHKD	3:30:00 PM	5.6174	5.6195			N/A
1/18/2019	AUDHKD	9:30:00 AM	5.639	5.6421			N/A
1/18/2019	AUDHKD	11:30:00 AM	5.6264	5.6299			N/A
1/18/2019	AUDHKD	1:30:00 PM	5.6372	5.6411			N/A
1/18/2019	AUDHKD	3:30:00 PM	5.6413	5.6427			N/A
1/21/2019	AUDHKD	9:30:00 AM	5.6212	5.6251			N/A
1/21/2019	AUDHKD	11:30:00 AM					N/A
1/21/2019	AUDHKD	1:30:00 PM	5.6109	5.6146			N/A
1/21/2019	AUDHKD	3:30:00 PM	5.6032	5.6068			N/A
1/22/2019	AUDHKD	9:30:00 AM	5.5918	5.593			N/A
1/22/2019	AUDHKD	11:30:00 AM	5.5853	5.5891			N/A
1/22/2019	AUDHKD	1:30:00 PM	5.5867	5.5901			N/A
1/22/2019	AUDHKD	3:30:00 PM	5.5907	5.5928			N/A
1/23/2019	AUDHKD	9:30:00 AM	5.5942	5.597			N/A
1/23/2019	AUDHKD	11:30:00 AM					N/A
1/23/2019	AUDHKD	1:30:00 PM	5.5961	5.6			N/A
1/23/2019	AUDHKD	3:30:00 PM	5.5907	5.5932			N/A
1/24/2019	AUDHKD	9:30:00 AM	5.565	5.5689			N/A
1/24/2019	AUDHKD	11:30:00 AM	5.5642	5.5675			N/A
1/24/2019	AUDHKD	1:30:00 PM	5.5647	5.5686			N/A
1/24/2019	AUDHKD	3:30:00 PM	5.5684	5.5722			N/A
1/25/2019	AUDHKD	9:30:00 AM	5.5679	5.5714			N/A
1/25/2019	AUDHKD	11:30:00 AM					N/A
1/25/2019	AUDHKD	1:30:00 PM	5.5753	5.5792			N/A
1/25/2019	AUDHKD	3:30:00 PM	5.5864	5.5904			N/A
1/28/2019	AUDHKD	9:30:00 AM	5.6391	5.641			N/A
1/28/2019	AUDHKD	11:30:00 AM	5.6317	5.6352			N/A
1/28/2019	AUDHKD	1:30:00 PM	5.6315	5.6354			N/A
1/28/2019	AUDHKD	3:30:00 PM	5.6248	5.6285			N/A
1/29/2019	AUDHKD	9:30:00 AM	5.6191	5.623			N/A
1/29/2019	AUDHKD	11:30:00 AM					N/A
1/29/2019	AUDHKD	1:30:00 PM	5.6145	5.6184			N/A
1/29/2019	AUDHKD	3:30:00 PM	5.615	5.6188			N/A
1/30/2019	AUDHKD	9:30:00 AM	5.6389	5.6427			N/A
1/30/2019	AUDHKD	11:30:00 AM	5.6407	5.6446			N/A
1/30/2019	AUDHKD	1:30:00 PM	5.6452	5.6491			N/A
1/30/2019	AUDHKD	3:30:00 PM	5.6361	5.6394			N/A
1/31/2019	AUDHKD	9:30:00 AM	5.7032	5.7057			N/A
1/31/2019	AUDHKD	11:30:00 AM					N/A
1/31/2019	AUDHKD	1:30:00 PM	5.706	5.7094			N/A
1/31/2019	AUDHKD	3:30:00 PM	5.7095	5.71			N/A
2/1/2019	AUDHKD	9:30:00 AM	5.6782	5.6821			N/A
2/1/2019	AUDHKD	11:30:00 AM	5.6878	5.6913			N/A
2/1/2019	AUDHKD	1:30:00 PM	5.6951	5.6989			N/A
2/1/2019	AUDHKD	3:30:00 PM	5.6998	5.6977			N/A
2/4/2019	AUDHKD	9:30:00 AM	5.6727	5.6767			N/A
2/4/2019	AUDHKD	11:30:00 AM					N/A
2/4/2019	AUDHKD	1:30:00 PM	5.6683	5.6721			N/A
2/4/2019	AUDHKD	3:30:00 PM	5.6643	5.6676			N/A
2/5/2019	AUDHKD	9:30:00 AM	5.6935	5.6965			N/A

2/5/2019	AUDHKD	11:30:00 AM	5.6778	5.6817			N/A
2/5/2019	AUDHKD	1:30:00 PM	5.6807	5.6828			N/A
2/5/2019	AUDHKD	3:30:00 PM	5.6806	5.6828			N/A
2/6/2019	AUDHKD	9:30:00 AM	5.5972	5.6006			N/A
2/6/2019	AUDHKD	11:30:00 AM					N/A
2/6/2019	AUDHKD	1:30:00 PM	5.5943	5.5977			N/A
2/6/2019	AUDHKD	3:30:00 PM	5.5908	5.5946			N/A
2/7/2019	AUDHKD	9:30:00 AM	5.5673	5.5712			N/A
2/7/2019	AUDHKD	11:30:00 AM	5.5679	5.5718			N/A
2/7/2019	AUDHKD	1:30:00 PM	5.5689	5.5723			N/A
2/7/2019	AUDHKD	3:30:00 PM	5.5734	5.5773			N/A
2/8/2019	AUDHKD	9:30:00 AM	5.5542	5.5573			N/A
2/8/2019	AUDHKD	11:30:00 AM					N/A
2/8/2019	AUDHKD	1:30:00 PM	5.5564	5.5601			N/A
2/8/2019	AUDHKD	3:30:00 PM	5.5652	5.5662			N/A
2/11/2019	AUDHKD	9:30:00 AM	5.5678	5.5717			N/A
2/11/2019	AUDHKD	11:30:00 AM	5.5587	5.5616			N/A
2/11/2019	AUDHKD	1:30:00 PM	5.5585	5.5616			N/A
2/11/2019	AUDHKD	3:30:00 PM	5.5481	5.5504			N/A
2/12/2019	AUDHKD	9:30:00 AM	5.5542	5.5579			N/A
2/12/2019	AUDHKD	11:30:00 AM					N/A
2/12/2019	AUDHKD	1:30:00 PM	5.5583	5.5608			N/A
2/12/2019	AUDHKD	3:30:00 PM	5.5625	5.5663			N/A
2/13/2019	AUDHKD	9:30:00 AM	5.588	5.592			N/A
2/13/2019	AUDHKD	11:30:00 AM	5.5793	5.5828			N/A
2/13/2019	AUDHKD	1:30:00 PM	5.58	5.5836			N/A
2/13/2019	AUDHKD	3:30:00 PM	5.5786	5.5797			N/A
2/14/2019	AUDHKD	9:30:00 AM	5.5927	5.5966			N/A
2/14/2019	AUDHKD	11:30:00 AM					N/A
2/14/2019	AUDHKD	1:30:00 PM	5.5722	5.5761			N/A
2/14/2019	AUDHKD	3:30:00 PM	5.5762	5.5796			N/A
2/15/2019	AUDHKD	9:30:00 AM					N/A
2/15/2019	AUDHKD	11:30:00 AM					N/A
2/15/2019	AUDHKD	1:30:00 PM					N/A
2/15/2019	AUDHKD	3:30:00 PM					N/A
2/18/2019	AUDHKD	9:30:00 AM	5.611	5.6141			N/A
2/18/2019	AUDHKD	11:30:00 AM					N/A
2/18/2019	AUDHKD	1:30:00 PM	5.6094	5.6133			N/A
2/18/2019	AUDHKD	3:30:00 PM	5.6144	5.6175			N/A
2/19/2019	AUDHKD	9:30:00 AM	5.5847	5.5879			N/A
2/19/2019	AUDHKD	11:30:00 AM	5.5756	5.5791			N/A
2/19/2019	AUDHKD	1:30:00 PM	5.5765	5.5804			N/A
2/19/2019	AUDHKD	3:30:00 PM	5.5792	5.5817			N/A
2/20/2019	AUDHKD	9:30:00 AM	5.6194	5.6228			N/A
2/20/2019	AUDHKD	11:30:00 AM					N/A
2/20/2019	AUDHKD	1:30:00 PM	5.6109	5.6146			N/A
2/20/2019	AUDHKD	3:30:00 PM	5.6128	5.6167			N/A
2/21/2019	AUDHKD	9:30:00 AM	5.5912	5.5905			N/A
2/21/2019	AUDHKD	11:30:00 AM	5.5727	5.5754			N/A
2/21/2019	AUDHKD	1:30:00 PM	5.5755	5.5788			N/A

2/21/2019	AUDHKD	3:30:00 PM	5.5746	5.5784			N/A
2/22/2019	AUDHKD	9:30:00 AM	5.5817	5.5847			N/A
2/22/2019	AUDHKD	11:30:00 AM					N/A
2/22/2019	AUDHKD	1:30:00 PM	5.5796	5.5828			N/A
2/22/2019	AUDHKD	3:30:00 PM	5.5888	5.5921			N/A
2/25/2019	AUDHKD	9:30:00 AM	5.6079	5.6117			N/A
2/25/2019	AUDHKD	11:30:00 AM	5.6182	5.6219			N/A
2/25/2019	AUDHKD	1:30:00 PM	5.63	5.6339			N/A
2/25/2019	AUDHKD	3:30:00 PM	5.6224	5.6257			N/A
2/26/2019	AUDHKD	9:30:00 AM	5.6147	5.6185			N/A
2/26/2019	AUDHKD	11:30:00 AM					N/A
2/26/2019	AUDHKD	1:30:00 PM	5.6094	5.6124			N/A
2/26/2019	AUDHKD	3:30:00 PM	5.6099	5.6122			N/A
2/27/2019	AUDHKD	9:30:00 AM	5.6332	5.6369			N/A
2/27/2019	AUDHKD	11:30:00 AM	5.6251	5.628			N/A
2/27/2019	AUDHKD	1:30:00 PM	5.6209	5.6248			N/A
2/27/2019	AUDHKD	3:30:00 PM	5.6118	5.6148			N/A
2/28/2019	AUDHKD	9:30:00 AM	5.5977	5.5992			N/A
2/28/2019	AUDHKD	11:30:00 AM					N/A
2/28/2019	AUDHKD	1:30:00 PM	5.6016	5.6055			N/A
2/28/2019	AUDHKD	3:30:00 PM	5.5975	5.5953			N/A
3/1/2019	AUDHKD	9:30:00 AM	5.5661	5.5693			N/A
3/1/2019	AUDHKD	11:30:00 AM	5.5649	5.5688			N/A
3/1/2019	AUDHKD	1:30:00 PM	5.5757	5.5796			N/A
3/1/2019	AUDHKD	3:30:00 PM	5.5763	5.578			N/A
3/4/2019	AUDHKD	9:30:00 AM	5.5601	5.564			N/A
3/4/2019	AUDHKD	11:30:00 AM					N/A
3/4/2019	AUDHKD	1:30:00 PM	5.5574	5.5609			N/A
3/4/2019	AUDHKD	3:30:00 PM	5.5639	5.5675			N/A
3/5/2019	AUDHKD	9:30:00 AM	5.5517	5.5557			N/A
3/5/2019	AUDHKD	11:30:00 AM	5.5545	5.5584			N/A
3/5/2019	AUDHKD	1:30:00 PM	5.5526	5.5566			N/A
3/5/2019	AUDHKD	3:30:00 PM	5.549	5.5523			N/A
3/6/2019	AUDHKD	9:30:00 AM	5.5161	5.5197			N/A
3/6/2019	AUDHKD	11:30:00 AM					N/A
3/6/2019	AUDHKD	1:30:00 PM	5.5152	5.5189			N/A
3/6/2019	AUDHKD	3:30:00 PM	5.5139	5.5172			N/A
3/7/2019	AUDHKD	9:30:00 AM	5.5241	5.5281			N/A
3/7/2019	AUDHKD	11:30:00 AM	5.5248	5.5285			N/A
3/7/2019	AUDHKD	1:30:00 PM	5.5285	5.532			N/A
3/7/2019	AUDHKD	3:30:00 PM	5.5226	5.5256			N/A
3/8/2019	AUDHKD	9:30:00 AM	5.4964	5.5002			N/A
3/8/2019	AUDHKD	11:30:00 AM					N/A
3/8/2019	AUDHKD	1:30:00 PM	5.512	5.516			N/A
3/8/2019	AUDHKD	3:30:00 PM	5.518	5.5219			N/A
3/11/2019	AUDHKD	9:30:00 AM	5.5268	5.5299			N/A
3/11/2019	AUDHKD	11:30:00 AM	5.5306	5.5345			N/A
3/11/2019	AUDHKD	1:30:00 PM	5.5273	5.5309			N/A
3/11/2019	AUDHKD	3:30:00 PM	5.5374	5.5413			N/A
3/12/2019	AUDHKD	9:30:00 AM	5.5468	5.5506			N/A

3/12/2019	AUDHKD	11:30:00 AM					N/A
3/12/2019	AUDHKD	1:30:00 PM	5.5418	5.5458			N/A
3/12/2019	AUDHKD	3:30:00 PM	5.5559	5.5593			N/A
3/13/2019	AUDHKD	9:30:00 AM	5.5318	5.5357			N/A
3/13/2019	AUDHKD	11:30:00 AM	5.546	5.5499			N/A
3/13/2019	AUDHKD	1:30:00 PM	5.54	5.5439			N/A
3/13/2019	AUDHKD	3:30:00 PM	5.5402	5.544			N/A
3/14/2019	AUDHKD	9:30:00 AM	5.5435	5.5462			N/A
3/14/2019	AUDHKD	11:30:00 AM					N/A
3/14/2019	AUDHKD	1:30:00 PM	5.5299	5.5329			N/A
3/14/2019	AUDHKD	3:30:00 PM	5.5303	5.5334			N/A
3/15/2019	AUDHKD	9:30:00 AM	5.5616	5.5654			N/A
3/15/2019	AUDHKD	11:30:00 AM	5.5573	5.5608			N/A
3/15/2019	AUDHKD	1:30:00 PM	5.5507	5.5544			N/A
3/15/2019	AUDHKD	3:30:00 PM	5.5539	5.5563			N/A
3/18/2019	AUDHKD	9:30:00 AM	5.5827	5.5866			N/A
3/18/2019	AUDHKD	11:30:00 AM					N/A
3/18/2019	AUDHKD	1:30:00 PM	5.5792	5.583			N/A
3/18/2019	AUDHKD	3:30:00 PM	5.5687	5.5719			N/A
3/19/2019	AUDHKD	9:30:00 AM	5.5657	5.5695			N/A
3/19/2019	AUDHKD	11:30:00 AM	5.5684	5.5723			N/A
3/19/2019	AUDHKD	1:30:00 PM	5.5689	5.5722			N/A
3/19/2019	AUDHKD	3:30:00 PM	5.5718	5.5745			N/A
3/20/2019	AUDHKD	9:30:00 AM	5.5572	5.5611			N/A
3/20/2019	AUDHKD	11:30:00 AM					N/A
3/20/2019	AUDHKD	1:30:00 PM	5.5614	5.5653			N/A
3/20/2019	AUDHKD	3:30:00 PM	5.5684	5.5723			N/A
3/21/2019	AUDHKD	9:30:00 AM	5.6133	5.6151			N/A
3/21/2019	AUDHKD	11:30:00 AM	5.6002	5.6041			N/A
3/21/2019	AUDHKD	1:30:00 PM	5.591	5.5943			N/A
3/21/2019	AUDHKD	3:30:00 PM	5.5887	5.5918			N/A
3/22/2019	AUDHKD	9:30:00 AM	5.5773	5.5811			N/A
3/22/2019	AUDHKD	11:30:00 AM					N/A
3/22/2019	AUDHKD	1:30:00 PM	5.5616	5.5648			N/A
3/22/2019	AUDHKD	3:30:00 PM	5.5679	5.5716			N/A
3/25/2019	AUDHKD	9:30:00 AM	5.5548	5.5588			N/A
3/25/2019	AUDHKD	11:30:00 AM	5.5637	5.5675			N/A
3/25/2019	AUDHKD	1:30:00 PM	5.5631	5.567			N/A
3/25/2019	AUDHKD	3:30:00 PM	5.5724	5.5755			N/A
3/26/2019	AUDHKD	9:30:00 AM	5.5873	5.5903			N/A
3/26/2019	AUDHKD	11:30:00 AM					N/A
3/26/2019	AUDHKD	1:30:00 PM	5.5903	5.5942			N/A
3/26/2019	AUDHKD	3:30:00 PM	5.5949	5.5982			N/A
3/27/2019	AUDHKD	9:30:00 AM	5.5676	5.5715			N/A
3/27/2019	AUDHKD	11:30:00 AM	5.5731	5.5771			N/A
3/27/2019	AUDHKD	1:30:00 PM	5.5676	5.5715			N/A
3/27/2019	AUDHKD	3:30:00 PM	5.5633	5.565			N/A
3/28/2019	AUDHKD	9:30:00 AM	5.5743	5.5782			N/A
3/28/2019	AUDHKD	11:30:00 AM					N/A
3/28/2019	AUDHKD	1:30:00 PM	5.5577	5.5596			N/A

3/28/2019	AUDHKD	3:30:00 PM	5.5558	5.5595			N/A
3/29/2019	AUDHKD	9:30:00 AM	5.569	5.573			N/A
3/29/2019	AUDHKD	11:30:00 AM	5.5595	5.5635			N/A
3/29/2019	AUDHKD	1:30:00 PM	5.5619	5.5659			N/A
3/29/2019	AUDHKD	3:30:00 PM	5.5664	5.5703			N/A
1/1/2019	AUDHUF	9:30:00 AM					N/A
1/1/2019	AUDHUF	11:30:00 AM					N/A
1/1/2019	AUDHUF	1:30:00 PM					N/A
1/1/2019	AUDHUF	3:30:00 PM					N/A
1/2/2019	AUDHUF	9:30:00 AM					N/A
1/2/2019	AUDHUF	11:30:00 AM					N/A
1/2/2019	AUDHUF	1:30:00 PM					N/A
1/2/2019	AUDHUF	3:30:00 PM					N/A
1/3/2019	AUDHUF	9:30:00 AM					N/A
1/3/2019	AUDHUF	11:30:00 AM					N/A
1/3/2019	AUDHUF	1:30:00 PM					N/A
1/3/2019	AUDHUF	3:30:00 PM					N/A
1/4/2019	AUDHUF	9:30:00 AM					N/A
1/4/2019	AUDHUF	11:30:00 AM					N/A
1/4/2019	AUDHUF	1:30:00 PM					N/A
1/4/2019	AUDHUF	3:30:00 PM					N/A
1/7/2019	AUDHUF	9:30:00 AM	200.19	200.31			N/A
1/7/2019	AUDHUF	11:30:00 AM					N/A
1/7/2019	AUDHUF	1:30:00 PM	199.82	200.03			N/A
1/7/2019	AUDHUF	3:30:00 PM	199.99	200.19			N/A
1/8/2019	AUDHUF	9:30:00 AM	199.9	200.03			N/A
1/8/2019	AUDHUF	11:30:00 AM	199.99	200.19			N/A
1/8/2019	AUDHUF	1:30:00 PM	200.18	200.4			N/A
1/8/2019	AUDHUF	3:30:00 PM	200.5	200.62			N/A
1/9/2019	AUDHUF	9:30:00 AM	200.41	200.64			N/A
1/9/2019	AUDHUF	11:30:00 AM					N/A
1/9/2019	AUDHUF	1:30:00 PM	201.1	201.23			N/A
1/9/2019	AUDHUF	3:30:00 PM	201.2	201.45			N/A
1/10/2019	AUDHUF	9:30:00 AM	199.79	199.98			N/A
1/10/2019	AUDHUF	11:30:00 AM	200.25	200.35			N/A
1/10/2019	AUDHUF	1:30:00 PM	200.02	200.22			N/A
1/10/2019	AUDHUF	3:30:00 PM	199.92	200.02			N/A
1/11/2019	AUDHUF	9:30:00 AM	200.79	200.98			N/A
1/11/2019	AUDHUF	11:30:00 AM					N/A
1/11/2019	AUDHUF	1:30:00 PM	201.38	201.56			N/A
1/11/2019	AUDHUF	3:30:00 PM	201.31	201.37			N/A
1/14/2019	AUDHUF	9:30:00 AM	201.08	201.31			N/A
1/14/2019	AUDHUF	11:30:00 AM	201.3	201.51			N/A
1/14/2019	AUDHUF	1:30:00 PM	201.42	201.66			N/A
1/14/2019	AUDHUF	3:30:00 PM	201.52	201.74			N/A
1/15/2019	AUDHUF	9:30:00 AM	202.18	202.36			N/A
1/15/2019	AUDHUF	11:30:00 AM					N/A
1/15/2019	AUDHUF	1:30:00 PM	202.72	202.95			N/A
1/15/2019	AUDHUF	3:30:00 PM	203.13	203.21			N/A
1/16/2019	AUDHUF	9:30:00 AM	204.15	204.33			N/A

1/16/2019	AUDHUF	11:30:00 AM	203.51	203.74			N/A
1/16/2019	AUDHUF	1:30:00 PM	202.34	202.52			N/A
1/16/2019	AUDHUF	3:30:00 PM	202.39	202.6			N/A
1/17/2019	AUDHUF	9:30:00 AM	202.02	202.23			N/A
1/17/2019	AUDHUF	11:30:00 AM					N/A
1/17/2019	AUDHUF	1:30:00 PM	201.32	201.52			N/A
1/17/2019	AUDHUF	3:30:00 PM	200.97	201.07			N/A
1/18/2019	AUDHUF	9:30:00 AM	201.48	201.69			N/A
1/18/2019	AUDHUF	11:30:00 AM	200.78	200.9			N/A
1/18/2019	AUDHUF	1:30:00 PM	200.59	200.84			N/A
1/18/2019	AUDHUF	3:30:00 PM	200.52	200.6			N/A
1/21/2019	AUDHUF	9:30:00 AM	200.07	200.3			N/A
1/21/2019	AUDHUF	11:30:00 AM					N/A
1/21/2019	AUDHUF	1:30:00 PM	199.86	200.07			N/A
1/21/2019	AUDHUF	3:30:00 PM	199.64	199.86			N/A
1/22/2019	AUDHUF	9:30:00 AM	199.47	199.51			N/A
1/22/2019	AUDHUF	11:30:00 AM	199.09	199.25			N/A
1/22/2019	AUDHUF	1:30:00 PM	199.25	199.47			N/A
1/22/2019	AUDHUF	3:30:00 PM	199.5	199.64			N/A
1/23/2019	AUDHUF	9:30:00 AM	199.53	199.73			N/A
1/23/2019	AUDHUF	11:30:00 AM					N/A
1/23/2019	AUDHUF	1:30:00 PM	199.55	199.8			N/A
1/23/2019	AUDHUF	3:30:00 PM	199.29	199.52			N/A
1/24/2019	AUDHUF	9:30:00 AM	198.25	198.49			N/A
1/24/2019	AUDHUF	11:30:00 AM	199.12	199.33			N/A
1/24/2019	AUDHUF	1:30:00 PM	199.27	199.45			N/A
1/24/2019	AUDHUF	3:30:00 PM	199.28	199.49			N/A
1/25/2019	AUDHUF	9:30:00 AM	199.51	199.69			N/A
1/25/2019	AUDHUF	11:30:00 AM					N/A
1/25/2019	AUDHUF	1:30:00 PM	199.3	199.39			N/A
1/25/2019	AUDHUF	3:30:00 PM	199.56	199.8			N/A
1/28/2019	AUDHUF	9:30:00 AM	199.87	200.1			N/A
1/28/2019	AUDHUF	11:30:00 AM	199.97	200.19			N/A
1/28/2019	AUDHUF	1:30:00 PM	199.73	199.94			N/A
1/28/2019	AUDHUF	3:30:00 PM	199.23	199.43			N/A
1/29/2019	AUDHUF	9:30:00 AM	198.59	198.82			N/A
1/29/2019	AUDHUF	11:30:00 AM					N/A
1/29/2019	AUDHUF	1:30:00 PM	198.45	198.68			N/A
1/29/2019	AUDHUF	3:30:00 PM	198.65	198.88			N/A
1/30/2019	AUDHUF	9:30:00 AM	199.3	199.53			N/A
1/30/2019	AUDHUF	11:30:00 AM	199.42	199.66			N/A
1/30/2019	AUDHUF	1:30:00 PM	199.56	199.8			N/A
1/30/2019	AUDHUF	3:30:00 PM	198.96	199.19			N/A
1/31/2019	AUDHUF	9:30:00 AM	199.2	199.33			N/A
1/31/2019	AUDHUF	11:30:00 AM					N/A
1/31/2019	AUDHUF	1:30:00 PM	200.05	200.3			N/A
1/31/2019	AUDHUF	3:30:00 PM	199.81	199.99			N/A
2/1/2019	AUDHUF	9:30:00 AM	199.63	199.8			N/A
2/1/2019	AUDHUF	11:30:00 AM	200.61	200.73			N/A
2/1/2019	AUDHUF	1:30:00 PM	201.1	201.35			N/A

2/1/2019	AUDHUF	3:30:00 PM	201.24	201.37			N/A
2/4/2019	AUDHUF	9:30:00 AM	200.58	200.82			N/A
2/4/2019	AUDHUF	11:30:00 AM					N/A
2/4/2019	AUDHUF	1:30:00 PM	200.36	200.59			N/A
2/4/2019	AUDHUF	3:30:00 PM	200.33	200.53			N/A
2/5/2019	AUDHUF	9:30:00 AM	201.47	201.66			N/A
2/5/2019	AUDHUF	11:30:00 AM	201.22	201.33			N/A
2/5/2019	AUDHUF	1:30:00 PM	201.29	201.45			N/A
2/5/2019	AUDHUF	3:30:00 PM	201.12	201.33			N/A
2/6/2019	AUDHUF	9:30:00 AM	199.18	199.31			N/A
2/6/2019	AUDHUF	11:30:00 AM					N/A
2/6/2019	AUDHUF	1:30:00 PM	199.35	199.59			N/A
2/6/2019	AUDHUF	3:30:00 PM	199.23	199.36			N/A
2/7/2019	AUDHUF	9:30:00 AM	199.15	199.39			N/A
2/7/2019	AUDHUF	11:30:00 AM	199.78	199.99			N/A
2/7/2019	AUDHUF	1:30:00 PM	199.91	200.15			N/A
2/7/2019	AUDHUF	3:30:00 PM	200.02	200.16			N/A
2/8/2019	AUDHUF	9:30:00 AM	198.88	199.1			N/A
2/8/2019	AUDHUF	11:30:00 AM					N/A
2/8/2019	AUDHUF	1:30:00 PM	198.92	199.16			N/A
2/8/2019	AUDHUF	3:30:00 PM	198.84	198.98			N/A
2/11/2019	AUDHUF	9:30:00 AM	199.56	199.72			N/A
2/11/2019	AUDHUF	11:30:00 AM	199.93	200.15			N/A
2/11/2019	AUDHUF	1:30:00 PM	200.05	200.27			N/A
2/11/2019	AUDHUF	3:30:00 PM	199.81	199.99			N/A
2/12/2019	AUDHUF	9:30:00 AM	200.41	200.65			N/A
2/12/2019	AUDHUF	11:30:00 AM					N/A
2/12/2019	AUDHUF	1:30:00 PM	199.67	199.87			N/A
2/12/2019	AUDHUF	3:30:00 PM	199.48	199.7			N/A
2/13/2019	AUDHUF	9:30:00 AM	199.84	200.08			N/A
2/13/2019	AUDHUF	11:30:00 AM	199.21	199.44			N/A
2/13/2019	AUDHUF	1:30:00 PM	199.71	199.95			N/A
2/13/2019	AUDHUF	3:30:00 PM	199.92	200.1			N/A
2/14/2019	AUDHUF	9:30:00 AM	201.03	201.26			N/A
2/14/2019	AUDHUF	11:30:00 AM					N/A
2/14/2019	AUDHUF	1:30:00 PM	200.67	200.9			N/A
2/14/2019	AUDHUF	3:30:00 PM	200.9	201.15			N/A
2/15/2019	AUDHUF	9:30:00 AM					N/A
2/15/2019	AUDHUF	11:30:00 AM					N/A
2/15/2019	AUDHUF	1:30:00 PM					N/A
2/15/2019	AUDHUF	3:30:00 PM					N/A
2/18/2019	AUDHUF	9:30:00 AM	200.83	201.05			N/A
2/18/2019	AUDHUF	11:30:00 AM					N/A
2/18/2019	AUDHUF	1:30:00 PM	200.58	200.82			N/A
2/18/2019	AUDHUF	3:30:00 PM	200.85	201.06			N/A
2/19/2019	AUDHUF	9:30:00 AM	200.02	200.26			N/A
2/19/2019	AUDHUF	11:30:00 AM	199.85	200.06			N/A
2/19/2019	AUDHUF	1:30:00 PM	200.42	200.6			N/A
2/19/2019	AUDHUF	3:30:00 PM	200.26	200.47			N/A
2/20/2019	AUDHUF	9:30:00 AM	200.43	200.63			N/A

2/20/2019	AUDHUF	11:30:00 AM					N/A
2/20/2019	AUDHUF	1:30:00 PM	200.19	200.39			N/A
2/20/2019	AUDHUF	3:30:00 PM	200.1	200.32			N/A
2/21/2019	AUDHUF	9:30:00 AM	199.16	199.11			N/A
2/21/2019	AUDHUF	11:30:00 AM	198.65	198.82			N/A
2/21/2019	AUDHUF	1:30:00 PM	198.65	198.85			N/A
2/21/2019	AUDHUF	3:30:00 PM	198.58	198.8			N/A
2/22/2019	AUDHUF	9:30:00 AM	198.8	198.95			N/A
2/22/2019	AUDHUF	11:30:00 AM					N/A
2/22/2019	AUDHUF	1:30:00 PM	199.15	199.38			N/A
2/22/2019	AUDHUF	3:30:00 PM	199.49	199.69			N/A
2/25/2019	AUDHUF	9:30:00 AM	199.62	199.86			N/A
2/25/2019	AUDHUF	11:30:00 AM	200.42	200.65			N/A
2/25/2019	AUDHUF	1:30:00 PM	200.45	200.68			N/A
2/25/2019	AUDHUF	3:30:00 PM	200.36	200.47			N/A
2/26/2019	AUDHUF	9:30:00 AM	200.13	200.35			N/A
2/26/2019	AUDHUF	11:30:00 AM					N/A
2/26/2019	AUDHUF	1:30:00 PM	199.4	199.63			N/A
2/26/2019	AUDHUF	3:30:00 PM	199.34	199.47			N/A
2/27/2019	AUDHUF	9:30:00 AM	199.7	199.91			N/A
2/27/2019	AUDHUF	11:30:00 AM	198.93	199.15			N/A
2/27/2019	AUDHUF	1:30:00 PM	198.74	198.97			N/A
2/27/2019	AUDHUF	3:30:00 PM	198.57	198.7			N/A
2/28/2019	AUDHUF	9:30:00 AM	198.16	198.34			N/A
2/28/2019	AUDHUF	11:30:00 AM					N/A
2/28/2019	AUDHUF	1:30:00 PM	197.51	197.71			N/A
2/28/2019	AUDHUF	3:30:00 PM	197.5	197.56			N/A
3/1/2019	AUDHUF	9:30:00 AM	197.1	197.24			N/A
3/1/2019	AUDHUF	11:30:00 AM	196.96	197.17			N/A
3/1/2019	AUDHUF	1:30:00 PM	197.15	197.37			N/A
3/1/2019	AUDHUF	3:30:00 PM	197.15	197.38			N/A
3/4/2019	AUDHUF	9:30:00 AM	196.87	197.11			N/A
3/4/2019	AUDHUF	11:30:00 AM					N/A
3/4/2019	AUDHUF	1:30:00 PM	197.18	197.41			N/A
3/4/2019	AUDHUF	3:30:00 PM	197.26	197.49			N/A
3/5/2019	AUDHUF	9:30:00 AM	197.35	197.44			N/A
3/5/2019	AUDHUF	11:30:00 AM	196.97	197.15			N/A
3/5/2019	AUDHUF	1:30:00 PM	196.97	197.21			N/A
3/5/2019	AUDHUF	3:30:00 PM	196.91	197.13			N/A
3/6/2019	AUDHUF	9:30:00 AM	196.17	196.4			N/A
3/6/2019	AUDHUF	11:30:00 AM					N/A
3/6/2019	AUDHUF	1:30:00 PM	196.02	196.26			N/A
3/6/2019	AUDHUF	3:30:00 PM	195.9	196.1			N/A
3/7/2019	AUDHUF	9:30:00 AM	196.38	196.61			N/A
3/7/2019	AUDHUF	11:30:00 AM	196.1	196.34			N/A
3/7/2019	AUDHUF	1:30:00 PM	196.25	196.49			N/A
3/7/2019	AUDHUF	3:30:00 PM	196.78	196.88			N/A
3/8/2019	AUDHUF	9:30:00 AM	197.64	197.87			N/A
3/8/2019	AUDHUF	11:30:00 AM					N/A
3/8/2019	AUDHUF	1:30:00 PM	197.69	197.93			N/A

3/8/2019	AUDHUF	3:30:00 PM	197.71	197.94			N/A
3/11/2019	AUDHUF	9:30:00 AM	197.52	197.67			N/A
3/11/2019	AUDHUF	11:30:00 AM	197.47	197.7			N/A
3/11/2019	AUDHUF	1:30:00 PM	197.83	198.07			N/A
3/11/2019	AUDHUF	3:30:00 PM	197.95	198.15			N/A
3/12/2019	AUDHUF	9:30:00 AM	198.03	198.26			N/A
3/12/2019	AUDHUF	11:30:00 AM					N/A
3/12/2019	AUDHUF	1:30:00 PM	197.97	198.19			N/A
3/12/2019	AUDHUF	3:30:00 PM	197.78	198.02			N/A
3/13/2019	AUDHUF	9:30:00 AM	196.74	196.97			N/A
3/13/2019	AUDHUF	11:30:00 AM					N/A
3/13/2019	AUDHUF	1:30:00 PM	196.58	196.8			N/A
3/13/2019	AUDHUF	3:30:00 PM	196.35	196.58			N/A
3/14/2019	AUDHUF	9:30:00 AM	196.11	196.24			N/A
3/14/2019	AUDHUF	11:30:00 AM					N/A
3/14/2019	AUDHUF	1:30:00 PM	195.89	196.11			N/A
3/14/2019	AUDHUF	3:30:00 PM	195.91	196.12			N/A
3/15/2019	AUDHUF	9:30:00 AM	196.71	196.91			N/A
3/15/2019	AUDHUF	11:30:00 AM	196.55	196.78			N/A
3/15/2019	AUDHUF	1:30:00 PM					N/A
3/15/2019	AUDHUF	3:30:00 PM	196.44	196.65			N/A
3/18/2019	AUDHUF	9:30:00 AM	197.1	197.33			N/A
3/18/2019	AUDHUF	11:30:00 AM					N/A
3/18/2019	AUDHUF	1:30:00 PM	196.63	196.86			N/A
3/18/2019	AUDHUF	3:30:00 PM	196.48	196.71			N/A
3/19/2019	AUDHUF	9:30:00 AM	196.04	196.26			N/A
3/19/2019	AUDHUF	11:30:00 AM	195.94	196.18			N/A
3/19/2019	AUDHUF	1:30:00 PM	195.72	195.95			N/A
3/19/2019	AUDHUF	3:30:00 PM	195.76	195.97			N/A
3/20/2019	AUDHUF	9:30:00 AM	195.12	195.37			N/A
3/20/2019	AUDHUF	11:30:00 AM					N/A
3/20/2019	AUDHUF	1:30:00 PM	195.19	195.43			N/A
3/20/2019	AUDHUF	3:30:00 PM	195.62	195.83			N/A
3/21/2019	AUDHUF	9:30:00 AM	196.41	196.57			N/A
3/21/2019	AUDHUF	11:30:00 AM	196.72	196.89			N/A
3/21/2019	AUDHUF	1:30:00 PM	196.61	196.83			N/A
3/21/2019	AUDHUF	3:30:00 PM	196.46	196.68			N/A
3/22/2019	AUDHUF	9:30:00 AM	196.2	196.43			N/A
3/22/2019	AUDHUF	11:30:00 AM					N/A
3/22/2019	AUDHUF	1:30:00 PM	197.81	197.99			N/A
3/22/2019	AUDHUF	3:30:00 PM	198.5	198.71			N/A
3/25/2019	AUDHUF	9:30:00 AM	198.06	198.28			N/A
3/25/2019	AUDHUF	11:30:00 AM	198.21	198.42			N/A
3/25/2019	AUDHUF	1:30:00 PM	198.63	198.85			N/A
3/25/2019	AUDHUF	3:30:00 PM	198.74	198.96			N/A
3/26/2019	AUDHUF	9:30:00 AM	198.82	199.03			N/A
3/26/2019	AUDHUF	11:30:00 AM					N/A
3/26/2019	AUDHUF	1:30:00 PM	198.69	198.91			N/A
3/26/2019	AUDHUF	3:30:00 PM	199.44	199.56			N/A
3/27/2019	AUDHUF	9:30:00 AM	201.16	201.39			N/A

3/27/2019	AUDHUF	11:30:00 AM	201.2	201.42			N/A
3/27/2019	AUDHUF	1:30:00 PM	201.4	201.59			N/A
3/27/2019	AUDHUF	3:30:00 PM	201.22	201.42			N/A
3/28/2019	AUDHUF	9:30:00 AM	201.64	201.88			N/A
3/28/2019	AUDHUF	11:30:00 AM					N/A
3/28/2019	AUDHUF	1:30:00 PM	201.87	202			N/A
3/28/2019	AUDHUF	3:30:00 PM	201.59	201.77			N/A
3/29/2019	AUDHUF	9:30:00 AM	202.12	202.23			N/A
3/29/2019	AUDHUF	11:30:00 AM	202.25	202.33			N/A
3/29/2019	AUDHUF	1:30:00 PM	202.44	202.68			N/A
3/29/2019	AUDHUF	3:30:00 PM	202.61	202.82			N/A
1/1/2019	AUDJPY	9:30:00 AM					N/A
1/1/2019	AUDJPY	11:30:00 AM					N/A
1/1/2019	AUDJPY	1:30:00 PM					N/A
1/1/2019	AUDJPY	3:30:00 PM					N/A
1/2/2019	AUDJPY	9:30:00 AM					N/A
1/2/2019	AUDJPY	11:30:00 AM					N/A
1/2/2019	AUDJPY	1:30:00 PM					N/A
1/2/2019	AUDJPY	3:30:00 PM					N/A
1/3/2019	AUDJPY	9:30:00 AM					N/A
1/3/2019	AUDJPY	11:30:00 AM					N/A
1/3/2019	AUDJPY	1:30:00 PM					N/A
1/3/2019	AUDJPY	3:30:00 PM					N/A
1/4/2019	AUDJPY	9:30:00 AM					N/A
1/4/2019	AUDJPY	11:30:00 AM					N/A
1/4/2019	AUDJPY	1:30:00 PM					N/A
1/4/2019	AUDJPY	3:30:00 PM					N/A
1/7/2019	AUDJPY	9:30:00 AM	77.089	77.125			N/A
1/7/2019	AUDJPY	11:30:00 AM					N/A
1/7/2019	AUDJPY	1:30:00 PM	77.16	77.218			N/A
1/7/2019	AUDJPY	3:30:00 PM	77.292	77.347			N/A
1/8/2019	AUDJPY	9:30:00 AM	77.661	77.693			N/A
1/8/2019	AUDJPY	11:30:00 AM	77.648	77.704			N/A
1/8/2019	AUDJPY	1:30:00 PM	77.494	77.534			N/A
1/8/2019	AUDJPY	3:30:00 PM	77.547	77.611			N/A
1/9/2019	AUDJPY	9:30:00 AM	77.953	78.014			N/A
1/9/2019	AUDJPY	11:30:00 AM					N/A
1/9/2019	AUDJPY	1:30:00 PM	77.975	78.016			N/A
1/9/2019	AUDJPY	3:30:00 PM	77.976	78.044			N/A
1/10/2019	AUDJPY	9:30:00 AM	77.511	77.547			N/A
1/10/2019	AUDJPY	11:30:00 AM	77.582	77.635			N/A
1/10/2019	AUDJPY	1:30:00 PM	77.574	77.626			N/A
1/10/2019	AUDJPY	3:30:00 PM	77.719	77.772			N/A
1/11/2019	AUDJPY	9:30:00 AM	78.159	78.206			N/A
1/11/2019	AUDJPY	11:30:00 AM					N/A
1/11/2019	AUDJPY	1:30:00 PM	78.269	78.295			N/A
1/11/2019	AUDJPY	3:30:00 PM	78.229	78.242			N/A
1/14/2019	AUDJPY	9:30:00 AM	77.679	77.74			N/A
1/14/2019	AUDJPY	11:30:00 AM	77.775	77.833			N/A
1/14/2019	AUDJPY	1:30:00 PM	77.706	77.751			N/A

1/14/2019	AUDJPY	3:30:00 PM	77.732	77.796			N/A
1/15/2019	AUDJPY	9:30:00 AM	78.401	78.453			N/A
1/15/2019	AUDJPY	11:30:00 AM					N/A
1/15/2019	AUDJPY	1:30:00 PM	78.122	78.18			N/A
1/15/2019	AUDJPY	3:30:00 PM	78.043	78.088			N/A
1/16/2019	AUDJPY	9:30:00 AM	78.224	78.285			N/A
1/16/2019	AUDJPY	11:30:00 AM	78.075	78.141			N/A
1/16/2019	AUDJPY	1:30:00 PM	77.996	78.053			N/A
1/16/2019	AUDJPY	3:30:00 PM	78	78.064			N/A
1/17/2019	AUDJPY	9:30:00 AM	77.807	77.866			N/A
1/17/2019	AUDJPY	11:30:00 AM					N/A
1/17/2019	AUDJPY	1:30:00 PM	77.939	78			N/A
1/17/2019	AUDJPY	3:30:00 PM	77.939	77.948			N/A
1/18/2019	AUDJPY	9:30:00 AM	78.675	78.741			N/A
1/18/2019	AUDJPY	11:30:00 AM	78.619	78.671			N/A
1/18/2019	AUDJPY	1:30:00 PM	78.668	78.735			N/A
1/18/2019	AUDJPY	3:30:00 PM	78.711	78.743			N/A
1/21/2019	AUDJPY	9:30:00 AM	78.509	78.571			N/A
1/21/2019	AUDJPY	11:30:00 AM					N/A
1/21/2019	AUDJPY	1:30:00 PM	78.416	78.471			N/A
1/21/2019	AUDJPY	3:30:00 PM	78.35	78.409			N/A
1/22/2019	AUDJPY	9:30:00 AM	77.982	78.016			N/A
1/22/2019	AUDJPY	11:30:00 AM	77.926	77.991			N/A
1/22/2019	AUDJPY	1:30:00 PM	77.903	77.967			N/A
1/22/2019	AUDJPY	3:30:00 PM	77.978	78.048			N/A
1/23/2019	AUDJPY	9:30:00 AM	78.179	78.235			N/A
1/23/2019	AUDJPY	11:30:00 AM					N/A
1/23/2019	AUDJPY	1:30:00 PM	78.218	78.28			N/A
1/23/2019	AUDJPY	3:30:00 PM	78.209	78.266			N/A
1/24/2019	AUDJPY	9:30:00 AM	77.808	77.873			N/A
1/24/2019	AUDJPY	11:30:00 AM	77.805	77.856			N/A
1/24/2019	AUDJPY	1:30:00 PM	77.839	77.898			N/A
1/24/2019	AUDJPY	3:30:00 PM	77.892	77.959			N/A
1/25/2019	AUDJPY	9:30:00 AM	77.96	77.989			N/A
1/25/2019	AUDJPY	11:30:00 AM					N/A
1/25/2019	AUDJPY	1:30:00 PM	78.016	78.08			N/A
1/25/2019	AUDJPY	3:30:00 PM	78.282	78.338			N/A
1/28/2019	AUDJPY	9:30:00 AM	78.595	78.629			N/A
1/28/2019	AUDJPY	11:30:00 AM	78.507	78.564			N/A
1/28/2019	AUDJPY	1:30:00 PM	78.567	78.626			N/A
1/28/2019	AUDJPY	3:30:00 PM	78.455	78.527			N/A
1/29/2019	AUDJPY	9:30:00 AM	78.254	78.317			N/A
1/29/2019	AUDJPY	11:30:00 AM					N/A
1/29/2019	AUDJPY	1:30:00 PM	78.33	78.397			N/A
1/29/2019	AUDJPY	3:30:00 PM	78.364	78.431			N/A
1/30/2019	AUDJPY	9:30:00 AM	78.586	78.641			N/A
1/30/2019	AUDJPY	11:30:00 AM	78.658	78.729			N/A
1/30/2019	AUDJPY	1:30:00 PM	78.749	78.818			N/A
1/30/2019	AUDJPY	3:30:00 PM	78.701	78.767			N/A
1/31/2019	AUDJPY	9:30:00 AM	79.044	79.092			N/A

1/31/2019	AUDJPY	11:30:00 AM					N/A
1/31/2019	AUDJPY	1:30:00 PM	79.025	79.091			N/A
1/31/2019	AUDJPY	3:30:00 PM	79.024	79.06			N/A
2/1/2019	AUDJPY	9:30:00 AM	78.87	78.941			N/A
2/1/2019	AUDJPY	11:30:00 AM	78.971	79.034			N/A
2/1/2019	AUDJPY	1:30:00 PM	79.031	79.099			N/A
2/1/2019	AUDJPY	3:30:00 PM	79.227	79.178			N/A
2/4/2019	AUDJPY	9:30:00 AM	79.393	79.454			N/A
2/4/2019	AUDJPY	11:30:00 AM					N/A
2/4/2019	AUDJPY	1:30:00 PM	79.379	79.443			N/A
2/4/2019	AUDJPY	3:30:00 PM	79.378	79.428			N/A
2/5/2019	AUDJPY	9:30:00 AM	79.756	79.799			N/A
2/5/2019	AUDJPY	11:30:00 AM	79.631	79.69			N/A
2/5/2019	AUDJPY	1:30:00 PM	79.651	79.695			N/A
2/5/2019	AUDJPY	3:30:00 PM	79.582	79.644			N/A
2/6/2019	AUDJPY	9:30:00 AM	78.28	78.341			N/A
2/6/2019	AUDJPY	11:30:00 AM					N/A
2/6/2019	AUDJPY	1:30:00 PM	78.248	78.316			N/A
2/6/2019	AUDJPY	3:30:00 PM	78.27	78.325			N/A
2/7/2019	AUDJPY	9:30:00 AM	78.025	78.095			N/A
2/7/2019	AUDJPY	11:30:00 AM	78.063	78.128			N/A
2/7/2019	AUDJPY	1:30:00 PM	77.966	78.027			N/A
2/7/2019	AUDJPY	3:30:00 PM	77.964	78.031			N/A
2/8/2019	AUDJPY	9:30:00 AM	77.693	77.734			N/A
2/8/2019	AUDJPY	11:30:00 AM					N/A
2/8/2019	AUDJPY	1:30:00 PM	77.796	77.865			N/A
2/8/2019	AUDJPY	3:30:00 PM	77.933	77.952			N/A
2/11/2019	AUDJPY	9:30:00 AM	78.044	78.106			N/A
2/11/2019	AUDJPY	11:30:00 AM	78.1	78.124			N/A
2/11/2019	AUDJPY	1:30:00 PM	78.036	78.097			N/A
2/11/2019	AUDJPY	3:30:00 PM	77.981	78.025			N/A
2/12/2019	AUDJPY	9:30:00 AM	78.252	78.318			N/A
2/12/2019	AUDJPY	11:30:00 AM					N/A
2/12/2019	AUDJPY	1:30:00 PM	78.273	78.34			N/A
2/12/2019	AUDJPY	3:30:00 PM	78.277	78.335			N/A
2/13/2019	AUDJPY	9:30:00 AM	78.802	78.869			N/A
2/13/2019	AUDJPY	11:30:00 AM	78.739	78.804			N/A
2/13/2019	AUDJPY	1:30:00 PM	78.69	78.762			N/A
2/13/2019	AUDJPY	3:30:00 PM	78.744	78.744			N/A
2/14/2019	AUDJPY	9:30:00 AM	79.185	79.232			N/A
2/14/2019	AUDJPY	11:30:00 AM					N/A
2/14/2019	AUDJPY	1:30:00 PM	78.877	78.94			N/A
2/14/2019	AUDJPY	3:30:00 PM	78.888	78.922			N/A
2/15/2019	AUDJPY	9:30:00 AM					N/A
2/15/2019	AUDJPY	11:30:00 AM					N/A
2/15/2019	AUDJPY	1:30:00 PM					N/A
2/15/2019	AUDJPY	3:30:00 PM					N/A
2/18/2019	AUDJPY	9:30:00 AM	79.066	79.135			N/A
2/18/2019	AUDJPY	11:30:00 AM					N/A
2/18/2019	AUDJPY	1:30:00 PM	79.027	79.092			N/A

2/18/2019	AUDJPY	3:30:00 PM	79.122	79.186			N/A
2/19/2019	AUDJPY	9:30:00 AM	78.779	78.839			N/A
2/19/2019	AUDJPY	11:30:00 AM	78.687	78.746			N/A
2/19/2019	AUDJPY	1:30:00 PM	78.705	78.772			N/A
2/19/2019	AUDJPY	3:30:00 PM	78.737	78.799			N/A
2/20/2019	AUDJPY	9:30:00 AM	79.406	79.463			N/A
2/20/2019	AUDJPY	11:30:00 AM					N/A
2/20/2019	AUDJPY	1:30:00 PM	79.235	79.3			N/A
2/20/2019	AUDJPY	3:30:00 PM	79.214	79.272			N/A
2/21/2019	AUDJPY	9:30:00 AM	78.9	78.832			N/A
2/21/2019	AUDJPY	11:30:00 AM	78.636	78.676			N/A
2/21/2019	AUDJPY	1:30:00 PM	78.698	78.755			N/A
2/21/2019	AUDJPY	3:30:00 PM	78.682	78.685			N/A
2/22/2019	AUDJPY	9:30:00 AM	78.763	78.81			N/A
2/22/2019	AUDJPY	11:30:00 AM					N/A
2/22/2019	AUDJPY	1:30:00 PM	78.813	78.877			N/A
2/22/2019	AUDJPY	3:30:00 PM	78.911	78.965			N/A
2/25/2019	AUDJPY	9:30:00 AM	79.105	79.159			N/A
2/25/2019	AUDJPY	11:30:00 AM	79.261	79.327		100	N/A
2/25/2019	AUDJPY	1:30:00 PM	79.455	79.523			N/A
2/25/2019	AUDJPY	3:30:00 PM	79.393	79.445			N/A
2/26/2019	AUDJPY	9:30:00 AM	79.27	79.328			N/A
2/26/2019	AUDJPY	11:30:00 AM					N/A
2/26/2019	AUDJPY	1:30:00 PM	79.218	79.273			N/A
2/26/2019	AUDJPY	3:30:00 PM	79.214	79.257			N/A
2/27/2019	AUDJPY	9:30:00 AM	79.245	79.303			N/A
2/27/2019	AUDJPY	11:30:00 AM	79.148	79.206			N/A
2/27/2019	AUDJPY	1:30:00 PM	79.114	79.176			N/A
2/27/2019	AUDJPY	3:30:00 PM	79.11	79.162			N/A
2/28/2019	AUDJPY	9:30:00 AM	79.007	79.04			N/A
2/28/2019	AUDJPY	11:30:00 AM					N/A
2/28/2019	AUDJPY	1:30:00 PM	79.053	79.114			N/A
2/28/2019	AUDJPY	3:30:00 PM	79.126	79.101			N/A
3/1/2019	AUDJPY	9:30:00 AM	79.308	79.374			N/A
3/1/2019	AUDJPY	11:30:00 AM	79.416	79.479			N/A
3/1/2019	AUDJPY	1:30:00 PM	79.482	79.55			N/A
3/1/2019	AUDJPY	3:30:00 PM	79.496	79.538			N/A
3/4/2019	AUDJPY	9:30:00 AM	79.323	79.381			N/A
3/4/2019	AUDJPY	11:30:00 AM					N/A
3/4/2019	AUDJPY	1:30:00 PM	79.186	79.253			N/A
3/4/2019	AUDJPY	3:30:00 PM	79.326	79.389			N/A
3/5/2019	AUDJPY	9:30:00 AM	79.18	79.247			N/A
3/5/2019	AUDJPY	11:30:00 AM	79.257	79.327			N/A
3/5/2019	AUDJPY	1:30:00 PM	79.205	79.278			N/A
3/5/2019	AUDJPY	3:30:00 PM	79.124	79.179			N/A
3/6/2019	AUDJPY	9:30:00 AM	78.573	78.622			N/A
3/6/2019	AUDJPY	11:30:00 AM					N/A
3/6/2019	AUDJPY	1:30:00 PM	78.6	78.669			N/A
3/6/2019	AUDJPY	3:30:00 PM	78.565	78.611			N/A
3/7/2019	AUDJPY	9:30:00 AM	78.639	78.696			N/A

3/7/2019	AUDJPY	11:30:00 AM	78.637	78.709			N/A
3/7/2019	AUDJPY	1:30:00 PM	78.667	78.731			N/A
3/7/2019	AUDJPY	3:30:00 PM	78.645	78.704			N/A
3/8/2019	AUDJPY	9:30:00 AM	77.737	77.803			N/A
3/8/2019	AUDJPY	11:30:00 AM					N/A
3/8/2019	AUDJPY	1:30:00 PM	78.068	78.139			N/A
3/8/2019	AUDJPY	3:30:00 PM	78.164	78.064			N/A
3/11/2019	AUDJPY	9:30:00 AM	78.311	78.36			N/A
3/11/2019	AUDJPY	11:30:00 AM	78.354	78.424			N/A
3/11/2019	AUDJPY	1:30:00 PM	78.324	78.392			N/A
3/11/2019	AUDJPY	3:30:00 PM	78.402	78.428			N/A
3/12/2019	AUDJPY	9:30:00 AM	78.694	78.756			N/A
3/12/2019	AUDJPY	11:30:00 AM					N/A
3/12/2019	AUDJPY	1:30:00 PM	78.526	78.587			N/A
3/12/2019	AUDJPY	3:30:00 PM	78.68	78.73			N/A
3/13/2019	AUDJPY	9:30:00 AM	78.457	78.526			N/A
3/13/2019	AUDJPY	11:30:00 AM	78.661	78.734			N/A
3/13/2019	AUDJPY	1:30:00 PM	78.599	78.662			N/A
3/13/2019	AUDJPY	3:30:00 PM	78.607	78.662			N/A
3/14/2019	AUDJPY	9:30:00 AM	78.81	78.858			N/A
3/14/2019	AUDJPY	11:30:00 AM					N/A
3/14/2019	AUDJPY	1:30:00 PM	78.632	78.686			N/A
3/14/2019	AUDJPY	3:30:00 PM	78.645	78.697			N/A
3/15/2019	AUDJPY	9:30:00 AM	79.136	79.207			N/A
3/15/2019	AUDJPY	11:30:00 AM	79.073	79.141			N/A
3/15/2019	AUDJPY	1:30:00 PM	79.02	79.093			N/A
3/15/2019	AUDJPY	3:30:00 PM	78.921	78.972			N/A
3/18/2019	AUDJPY	9:30:00 AM	79.358	79.421			N/A
3/18/2019	AUDJPY	11:30:00 AM					N/A
3/18/2019	AUDJPY	1:30:00 PM	79.244	79.313			N/A
3/18/2019	AUDJPY	3:30:00 PM	79.139	79.189			N/A
3/19/2019	AUDJPY	9:30:00 AM	78.91	78.974			N/A
3/19/2019	AUDJPY	11:30:00 AM	78.973	79.045			N/A
3/19/2019	AUDJPY	1:30:00 PM	78.968	79.024			N/A
3/19/2019	AUDJPY	3:30:00 PM	79.123	79.177			N/A
3/20/2019	AUDJPY	9:30:00 AM	79.019	79.084			N/A
3/20/2019	AUDJPY	11:30:00 AM					N/A
3/20/2019	AUDJPY	1:30:00 PM	79.031	79.09			N/A
3/20/2019	AUDJPY	3:30:00 PM	79.081	79.144			N/A
3/21/2019	AUDJPY	9:30:00 AM	78.997	79.042			N/A
3/21/2019	AUDJPY	11:30:00 AM	78.802	78.865			N/A
3/21/2019	AUDJPY	1:30:00 PM	78.77	78.834			N/A
3/21/2019	AUDJPY	3:30:00 PM	78.782	78.814			N/A
3/22/2019	AUDJPY	9:30:00 AM	78.746	78.806			N/A
3/22/2019	AUDJPY	11:30:00 AM					N/A
3/22/2019	AUDJPY	1:30:00 PM	78.264	78.314			N/A
3/22/2019	AUDJPY	3:30:00 PM	78.251	78.302			N/A
3/25/2019	AUDJPY	9:30:00 AM	77.902	77.94			N/A
3/25/2019	AUDJPY	11:30:00 AM	78.137	78.196			N/A
3/25/2019	AUDJPY	1:30:00 PM	78.087	78.15			N/A

3/25/2019	AUDJPY	3:30:00 PM	78.151	78.19			N/A
3/26/2019	AUDJPY	9:30:00 AM	78.408	78.471			N/A
3/26/2019	AUDJPY	11:30:00 AM					N/A
3/26/2019	AUDJPY	1:30:00 PM	78.628	78.699			N/A
3/26/2019	AUDJPY	3:30:00 PM	78.777	78.835			N/A
3/27/2019	AUDJPY	9:30:00 AM	78.442	78.504			N/A
3/27/2019	AUDJPY	11:30:00 AM	78.541	78.602			N/A
3/27/2019	AUDJPY	1:30:00 PM	78.264	78.334			N/A
3/27/2019	AUDJPY	3:30:00 PM	78.34	78.363			N/A
3/28/2019	AUDJPY	9:30:00 AM	78.245	78.311			N/A
3/28/2019	AUDJPY	11:30:00 AM					N/A
3/28/2019	AUDJPY	1:30:00 PM	78.084	78.142			N/A
3/28/2019	AUDJPY	3:30:00 PM	78.346	78.396			N/A
3/29/2019	AUDJPY	9:30:00 AM	78.472	78.53			N/A
3/29/2019	AUDJPY	11:30:00 AM	78.476	78.537			N/A
3/29/2019	AUDJPY	1:30:00 PM	78.509	78.576			N/A
3/29/2019	AUDJPY	3:30:00 PM	78.615	78.653			N/A
1/1/2019	AUDMXN	9:30:00 AM					N/A
1/1/2019	AUDMXN	11:30:00 AM					N/A
1/1/2019	AUDMXN	1:30:00 PM					N/A
1/1/2019	AUDMXN	3:30:00 PM					N/A
1/2/2019	AUDMXN	9:30:00 AM					N/A
1/2/2019	AUDMXN	11:30:00 AM					N/A
1/2/2019	AUDMXN	1:30:00 PM					N/A
1/2/2019	AUDMXN	3:30:00 PM					N/A
1/3/2019	AUDMXN	9:30:00 AM					N/A
1/3/2019	AUDMXN	11:30:00 AM					N/A
1/3/2019	AUDMXN	1:30:00 PM					N/A
1/3/2019	AUDMXN	3:30:00 PM					N/A
1/4/2019	AUDMXN	9:30:00 AM					N/A
1/4/2019	AUDMXN	11:30:00 AM					N/A
1/4/2019	AUDMXN	1:30:00 PM					N/A
1/4/2019	AUDMXN	3:30:00 PM					N/A
1/7/2019	AUDMXN	9:30:00 AM	13.8308	13.8294			N/A
1/7/2019	AUDMXN	11:30:00 AM					N/A
1/7/2019	AUDMXN	1:30:00 PM	13.8546	13.8565			N/A
1/7/2019	AUDMXN	3:30:00 PM	13.7894	13.7949			N/A
1/8/2019	AUDMXN	9:30:00 AM	13.8344	13.8373			N/A
1/8/2019	AUDMXN	11:30:00 AM	13.7853	13.795			N/A
1/8/2019	AUDMXN	1:30:00 PM	13.825	13.8326			N/A
1/8/2019	AUDMXN	3:30:00 PM	13.8017	13.8047			N/A
1/9/2019	AUDMXN	9:30:00 AM	13.805	13.8129			N/A
1/9/2019	AUDMXN	11:30:00 AM					N/A
1/9/2019	AUDMXN	1:30:00 PM	13.8684	13.8775			N/A
1/9/2019	AUDMXN	3:30:00 PM	13.8246	13.8315			N/A
1/10/2019	AUDMXN	9:30:00 AM	13.8164	13.8228			N/A
1/10/2019	AUDMXN	11:30:00 AM	13.8202	13.8271			N/A
1/10/2019	AUDMXN	1:30:00 PM	13.8117	13.8168			N/A
1/10/2019	AUDMXN	3:30:00 PM	13.7786	13.7834			N/A
1/11/2019	AUDMXN	9:30:00 AM	13.7679	13.773			N/A

1/11/2019	AUDMXN	11:30:00 AM					N/A
1/11/2019	AUDMXN	1:30:00 PM	13.7894	13.7961			N/A
1/11/2019	AUDMXN	3:30:00 PM	13.8025	13.8065			N/A
1/14/2019	AUDMXN	9:30:00 AM	13.7776	13.7836			N/A
1/14/2019	AUDMXN	11:30:00 AM	13.7748	13.7809			N/A
1/14/2019	AUDMXN	1:30:00 PM	13.785	13.793			N/A
1/14/2019	AUDMXN	3:30:00 PM	13.7625	13.7722			N/A
1/15/2019	AUDMXN	9:30:00 AM	13.6885	13.6963			N/A
1/15/2019	AUDMXN	11:30:00 AM					N/A
1/15/2019	AUDMXN	1:30:00 PM	13.6634	13.6711			N/A
1/15/2019	AUDMXN	3:30:00 PM	13.6666	13.6731			N/A
1/16/2019	AUDMXN	9:30:00 AM	13.6628	13.6682			N/A
1/16/2019	AUDMXN	11:30:00 AM	13.6601	13.6694			N/A
1/16/2019	AUDMXN	1:30:00 PM	13.6293	13.6365			N/A
1/16/2019	AUDMXN	3:30:00 PM	13.6276	13.6352			N/A
1/17/2019	AUDMXN	9:30:00 AM	13.5388	13.5485			N/A
1/17/2019	AUDMXN	11:30:00 AM					N/A
1/17/2019	AUDMXN	1:30:00 PM	13.5581	13.5664			N/A
1/17/2019	AUDMXN	3:30:00 PM	13.6141	13.62			N/A
1/18/2019	AUDMXN	9:30:00 AM	13.6539	13.6602			N/A
1/18/2019	AUDMXN	11:30:00 AM	13.6786	13.6843			N/A
1/18/2019	AUDMXN	1:30:00 PM	13.7113	13.7137			N/A
1/18/2019	AUDMXN	3:30:00 PM	13.6727	13.6777			N/A
1/21/2019	AUDMXN	9:30:00 AM	13.7122	13.7228			N/A
1/21/2019	AUDMXN	11:30:00 AM					N/A
1/21/2019	AUDMXN	1:30:00 PM	13.7016	13.7105			N/A
1/21/2019	AUDMXN	3:30:00 PM	13.6851	13.6916			N/A
1/22/2019	AUDMXN	9:30:00 AM	13.6971	13.7055			N/A
1/22/2019	AUDMXN	11:30:00 AM	13.6882	13.6961			N/A
1/22/2019	AUDMXN	1:30:00 PM	13.6869	13.6939			N/A
1/22/2019	AUDMXN	3:30:00 PM	13.6551	13.6579			N/A
1/23/2019	AUDMXN	9:30:00 AM	13.6448	13.6525			N/A
1/23/2019	AUDMXN	11:30:00 AM					N/A
1/23/2019	AUDMXN	1:30:00 PM	13.6277	13.6384			N/A
1/23/2019	AUDMXN	3:30:00 PM	13.6333	13.6394			N/A
1/24/2019	AUDMXN	9:30:00 AM	13.5264	13.5365			N/A
1/24/2019	AUDMXN	11:30:00 AM	13.5239	13.5331			N/A
1/24/2019	AUDMXN	1:30:00 PM	13.5059	13.5154			N/A
1/24/2019	AUDMXN	3:30:00 PM	13.5262	13.5347			N/A
1/25/2019	AUDMXN	9:30:00 AM	13.4698	13.4742			N/A
1/25/2019	AUDMXN	11:30:00 AM					N/A
1/25/2019	AUDMXN	1:30:00 PM	13.4767	13.4844			N/A
1/25/2019	AUDMXN	3:30:00 PM	13.4722	13.4804			N/A
1/28/2019	AUDMXN	9:30:00 AM	13.659	13.6654			N/A
1/28/2019	AUDMXN	11:30:00 AM	13.671	13.6796			N/A
1/28/2019	AUDMXN	1:30:00 PM	13.6629	13.6718			N/A
1/28/2019	AUDMXN	3:30:00 PM	13.6441	13.6493			N/A
1/29/2019	AUDMXN	9:30:00 AM	13.6268	13.6366			N/A
1/29/2019	AUDMXN	11:30:00 AM					N/A
1/29/2019	AUDMXN	1:30:00 PM	13.6167	13.621			N/A

1/29/2019	AUDMXN	3:30:00 PM	13.5958	13.5998			N/A
1/30/2019	AUDMXN	9:30:00 AM	13.7395	13.7494			N/A
1/30/2019	AUDMXN	11:30:00 AM	13.7241	13.7255			N/A
1/30/2019	AUDMXN	1:30:00 PM	13.7664	13.7749			N/A
1/30/2019	AUDMXN	3:30:00 PM	13.7433	13.7503			N/A
1/31/2019	AUDMXN	9:30:00 AM	13.8927	13.8917			N/A
1/31/2019	AUDMXN	11:30:00 AM					N/A
1/31/2019	AUDMXN	1:30:00 PM	13.9227	13.9288			N/A
1/31/2019	AUDMXN	3:30:00 PM	13.8456	13.85			N/A
2/1/2019	AUDMXN	9:30:00 AM	13.8829	13.8928			N/A
2/1/2019	AUDMXN	11:30:00 AM	13.8532	13.8599			N/A
2/1/2019	AUDMXN	1:30:00 PM	13.8658	13.8715			N/A
2/1/2019	AUDMXN	3:30:00 PM	13.89	13.887			N/A
2/4/2019	AUDMXN	9:30:00 AM	13.8287	13.8358			N/A
2/4/2019	AUDMXN	11:30:00 AM					N/A
2/4/2019	AUDMXN	1:30:00 PM	13.8338	13.8407			N/A
2/4/2019	AUDMXN	3:30:00 PM	13.8374	13.8454			N/A
2/5/2019	AUDMXN	9:30:00 AM	13.8307	13.8362			N/A
2/5/2019	AUDMXN	11:30:00 AM	13.7808	13.7823			N/A
2/5/2019	AUDMXN	1:30:00 PM	13.796	13.8022			N/A
2/5/2019	AUDMXN	3:30:00 PM	13.7884	13.7956			N/A
2/6/2019	AUDMXN	9:30:00 AM	13.6206	13.6294			N/A
2/6/2019	AUDMXN	11:30:00 AM					N/A
2/6/2019	AUDMXN	1:30:00 PM	13.6211	13.6305			N/A
2/6/2019	AUDMXN	3:30:00 PM	13.6406	13.6484			N/A
2/7/2019	AUDMXN	9:30:00 AM	13.5786	13.5876			N/A
2/7/2019	AUDMXN	11:30:00 AM	13.5818	13.5884			N/A
2/7/2019	AUDMXN	1:30:00 PM	13.6093	13.6169			N/A
2/7/2019	AUDMXN	3:30:00 PM	13.5992	13.6076			N/A
2/8/2019	AUDMXN	9:30:00 AM	13.5221	13.5303			N/A
2/8/2019	AUDMXN	11:30:00 AM					N/A
2/8/2019	AUDMXN	1:30:00 PM	13.5029	13.5133			N/A
2/8/2019	AUDMXN	3:30:00 PM	13.5094	13.5111			N/A
2/11/2019	AUDMXN	9:30:00 AM	13.5471	13.5572			N/A
2/11/2019	AUDMXN	11:30:00 AM	13.5466	13.5545			N/A
2/11/2019	AUDMXN	1:30:00 PM	13.5349	13.542			N/A
2/11/2019	AUDMXN	3:30:00 PM	13.5005	13.5036			N/A
2/12/2019	AUDMXN	9:30:00 AM	13.6446	13.6531			N/A
2/12/2019	AUDMXN	11:30:00 AM					N/A
2/12/2019	AUDMXN	1:30:00 PM	13.6351	13.6453			N/A
2/12/2019	AUDMXN	3:30:00 PM	13.6323	13.6395			N/A
2/13/2019	AUDMXN	9:30:00 AM	13.6911	13.7009			N/A
2/13/2019	AUDMXN	11:30:00 AM	13.6899	13.699			N/A
2/13/2019	AUDMXN	1:30:00 PM	13.7287	13.7359			N/A
2/13/2019	AUDMXN	3:30:00 PM	13.7616	13.7629			N/A
2/14/2019	AUDMXN	9:30:00 AM	13.8076	13.8137			N/A
2/14/2019	AUDMXN	11:30:00 AM					N/A
2/14/2019	AUDMXN	1:30:00 PM	13.7934	13.8025			N/A
2/14/2019	AUDMXN	3:30:00 PM	13.7925	13.8			N/A
2/15/2019	AUDMXN	9:30:00 AM					N/A

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2/15/2019	AUDMXN	11:30:00 AM					N/A
2/15/2019	AUDMXN	1:30:00 PM					N/A
2/15/2019	AUDMXN	3:30:00 PM					N/A
2/18/2019	AUDMXN	9:30:00 AM	13.7538	13.7627			N/A
2/18/2019	AUDMXN	11:30:00 AM					N/A
2/18/2019	AUDMXN	1:30:00 PM	13.7384	13.7457			N/A
2/18/2019	AUDMXN	3:30:00 PM	13.7897	13.7976			N/A
2/19/2019	AUDMXN	9:30:00 AM	13.7063	13.7154			N/A
2/19/2019	AUDMXN	11:30:00 AM	13.7033	13.7095			N/A
2/19/2019	AUDMXN	1:30:00 PM	13.6866	13.6907			N/A
2/19/2019	AUDMXN	3:30:00 PM	13.6516	13.6611			N/A
2/20/2019	AUDMXN	9:30:00 AM	13.7129	13.7189			N/A
2/20/2019	AUDMXN	11:30:00 AM					N/A
2/20/2019	AUDMXN	1:30:00 PM	13.7109	13.7199			N/A
2/20/2019	AUDMXN	3:30:00 PM	13.7119	13.7149			N/A
2/21/2019	AUDMXN	9:30:00 AM	13.7119	13.714			N/A
2/21/2019	AUDMXN	11:30:00 AM	13.6577	13.6666			N/A
2/21/2019	AUDMXN	1:30:00 PM	13.6392	13.6483			N/A
2/21/2019	AUDMXN	3:30:00 PM	13.663	13.6703			N/A
2/22/2019	AUDMXN	9:30:00 AM	13.6951	13.7026			N/A
2/22/2019	AUDMXN	11:30:00 AM					N/A
2/22/2019	AUDMXN	1:30:00 PM	13.6796	13.6894			N/A
2/22/2019	AUDMXN	3:30:00 PM	13.6821	13.6841			N/A
2/25/2019	AUDMXN	9:30:00 AM	13.6568	13.6645			N/A
2/25/2019	AUDMXN	11:30:00 AM	13.6762	13.6853			N/A
2/25/2019	AUDMXN	1:30:00 PM	13.6654	13.6751			N/A
2/25/2019	AUDMXN	3:30:00 PM	13.6692	13.6776			N/A
2/26/2019	AUDMXN	9:30:00 AM	13.7106	13.7196			N/A
2/26/2019	AUDMXN	11:30:00 AM					N/A
2/26/2019	AUDMXN	1:30:00 PM	13.6656	13.6747			N/A
2/26/2019	AUDMXN	3:30:00 PM	13.6591	13.6657			N/A
2/27/2019	AUDMXN	9:30:00 AM	13.7736	13.7804			N/A
2/27/2019	AUDMXN	11:30:00 AM	13.7329	13.7405			N/A
2/27/2019	AUDMXN	1:30:00 PM	13.7299	13.7399			N/A
2/27/2019	AUDMXN	3:30:00 PM	13.6954	13.6998			N/A
2/28/2019	AUDMXN	9:30:00 AM	13.6799	13.6856			N/A
2/28/2019	AUDMXN	11:30:00 AM					N/A
2/28/2019	AUDMXN	1:30:00 PM	13.6808	13.6884			N/A
2/28/2019	AUDMXN	3:30:00 PM	13.6775	13.6835			N/A
3/1/2019	AUDMXN	9:30:00 AM	13.6751	13.683			N/A
3/1/2019	AUDMXN	11:30:00 AM	13.6718	13.6808			N/A
3/1/2019	AUDMXN	1:30:00 PM	13.6809	13.6899			N/A
3/1/2019	AUDMXN	3:30:00 PM	13.7309	13.734			N/A
3/4/2019	AUDMXN	9:30:00 AM	13.6668	13.6769			N/A
3/4/2019	AUDMXN	11:30:00 AM					N/A
3/4/2019	AUDMXN	1:30:00 PM	13.7044	13.7135			N/A
3/4/2019	AUDMXN	3:30:00 PM	13.706	13.7139			N/A
3/5/2019	AUDMXN	9:30:00 AM	13.6534	13.6582			N/A
3/5/2019	AUDMXN	11:30:00 AM	13.6535	13.6595			N/A
3/5/2019	AUDMXN	1:30:00 PM	13.6257	13.6339			N/A

3/5/2019	AUDMXN	3:30:00 PM	13.6352	13.6423			N/A
3/6/2019	AUDMXN	9:30:00 AM	13.5485	13.5538			N/A
3/6/2019	AUDMXN	11:30:00 AM					N/A
3/6/2019	AUDMXN	1:30:00 PM	13.533	13.5437			N/A
3/6/2019	AUDMXN	3:30:00 PM	13.5521	13.56			N/A
3/7/2019	AUDMXN	9:30:00 AM	13.6161	13.6258			N/A
3/7/2019	AUDMXN	11:30:00 AM	13.6307	13.6391			N/A
3/7/2019	AUDMXN	1:30:00 PM	13.658	13.6669			N/A
3/7/2019	AUDMXN	3:30:00 PM	13.6306	13.6344			N/A
3/8/2019	AUDMXN	9:30:00 AM	13.718	13.7247			N/A
3/8/2019	AUDMXN	11:30:00 AM					N/A
3/8/2019	AUDMXN	1:30:00 PM	13.7284	13.735			N/A
3/8/2019	AUDMXN	3:30:00 PM	13.7651	13.7725			N/A
3/11/2019	AUDMXN	9:30:00 AM	13.7267	13.7349			N/A
3/11/2019	AUDMXN	11:30:00 AM	13.7315	13.742			N/A
3/11/2019	AUDMXN	1:30:00 PM	13.7229	13.7301			N/A
3/11/2019	AUDMXN	3:30:00 PM	13.6909	13.6979			N/A
3/12/2019	AUDMXN	9:30:00 AM	13.6887	13.6953			N/A
3/12/2019	AUDMXN	11:30:00 AM					N/A
3/12/2019	AUDMXN	1:30:00 PM	13.7021	13.7108			N/A
3/12/2019	AUDMXN	3:30:00 PM	13.6629	13.6687			N/A
3/13/2019	AUDMXN	9:30:00 AM	13.6374	13.6471			N/A
3/13/2019	AUDMXN	11:30:00 AM	13.6476	13.6568			N/A
3/13/2019	AUDMXN	1:30:00 PM	13.6226	13.6303			N/A
3/13/2019	AUDMXN	3:30:00 PM	13.6145	13.6203			N/A
3/14/2019	AUDMXN	9:30:00 AM	13.6353	13.6448			N/A
3/14/2019	AUDMXN	11:30:00 AM					N/A
3/14/2019	AUDMXN	1:30:00 PM	13.6011	13.6014			N/A
3/14/2019	AUDMXN	3:30:00 PM	13.6391	13.6454			N/A
3/15/2019	AUDMXN	9:30:00 AM	13.6759	13.6844			N/A
3/15/2019	AUDMXN	11:30:00 AM	13.6478	13.6577			N/A
3/15/2019	AUDMXN	1:30:00 PM	13.6157	13.6236			N/A
3/15/2019	AUDMXN	3:30:00 PM	13.5917	13.5952			N/A
3/18/2019	AUDMXN	9:30:00 AM	13.6514	13.6618			N/A
3/18/2019	AUDMXN	11:30:00 AM					N/A
3/18/2019	AUDMXN	1:30:00 PM	13.6224	13.6293			N/A
3/18/2019	AUDMXN	3:30:00 PM	13.5881	13.5981			N/A
3/19/2019	AUDMXN	9:30:00 AM	13.5255	13.5353			N/A
3/19/2019	AUDMXN	11:30:00 AM	13.5096	13.5183			N/A
3/19/2019	AUDMXN	1:30:00 PM	13.4993	13.5082			N/A
3/19/2019	AUDMXN	3:30:00 PM	13.4971	13.5049			N/A
3/20/2019	AUDMXN	9:30:00 AM	13.4558	13.4617			N/A
3/20/2019	AUDMXN	11:30:00 AM					N/A
3/20/2019	AUDMXN	1:30:00 PM	13.4568	13.4645			N/A
3/20/2019	AUDMXN	3:30:00 PM	13.4323	13.4395			N/A
3/21/2019	AUDMXN	9:30:00 AM	13.437	13.4414			N/A
3/21/2019	AUDMXN	11:30:00 AM	13.4147	13.4236			N/A
3/21/2019	AUDMXN	1:30:00 PM	13.404	13.4123			N/A
3/21/2019	AUDMXN	3:30:00 PM	13.3956	13.4027			N/A
3/22/2019	AUDMXN	9:30:00 AM	13.3954	13.4057			N/A

3/22/2019	AUDMXN	11:30:00 AM					N/A
3/22/2019	AUDMXN	1:30:00 PM	13.4545	13.4637			N/A
3/22/2019	AUDMXN	3:30:00 PM	13.4681	13.4759			N/A
3/25/2019	AUDMXN	9:30:00 AM	13.5467	13.5529			N/A
3/25/2019	AUDMXN	11:30:00 AM	13.5354	13.5433			N/A
3/25/2019	AUDMXN	1:30:00 PM	13.5574	13.5615			N/A
3/25/2019	AUDMXN	3:30:00 PM	13.5629	13.5689			N/A
3/26/2019	AUDMXN	9:30:00 AM	13.5461	13.5538			N/A
3/26/2019	AUDMXN	11:30:00 AM					N/A
3/26/2019	AUDMXN	1:30:00 PM	13.5348	13.5426			N/A
3/26/2019	AUDMXN	3:30:00 PM	13.5725	13.5775			N/A
3/27/2019	AUDMXN	9:30:00 AM	13.5805	13.5888			N/A
3/27/2019	AUDMXN	11:30:00 AM	13.6047	13.6145			N/A
3/27/2019	AUDMXN	1:30:00 PM	13.6818	13.6809			N/A
3/27/2019	AUDMXN	3:30:00 PM	13.6501	13.6582			N/A
3/28/2019	AUDMXN	9:30:00 AM	13.7518	13.761			N/A
3/28/2019	AUDMXN	11:30:00 AM					N/A
3/28/2019	AUDMXN	1:30:00 PM	13.7584	13.7643			N/A
3/28/2019	AUDMXN	3:30:00 PM	13.7294	13.7345			N/A
3/29/2019	AUDMXN	9:30:00 AM	13.7144	13.7234			N/A
3/29/2019	AUDMXN	11:30:00 AM	13.6841	13.6899			N/A
3/29/2019	AUDMXN	1:30:00 PM	13.6706	13.6798			N/A
3/29/2019	AUDMXN	3:30:00 PM	13.7149	13.7224			N/A
1/1/2019	AUDNOK	9:30:00 AM					N/A
1/1/2019	AUDNOK	11:30:00 AM					N/A
1/1/2019	AUDNOK	1:30:00 PM					N/A
1/1/2019	AUDNOK	3:30:00 PM					N/A
1/2/2019	AUDNOK	9:30:00 AM					N/A
1/2/2019	AUDNOK	11:30:00 AM					N/A
1/2/2019	AUDNOK	1:30:00 PM					N/A
1/2/2019	AUDNOK	3:30:00 PM					N/A
1/3/2019	AUDNOK	9:30:00 AM					N/A
1/3/2019	AUDNOK	11:30:00 AM					N/A
1/3/2019	AUDNOK	1:30:00 PM					N/A
1/3/2019	AUDNOK	3:30:00 PM					N/A
1/4/2019	AUDNOK	9:30:00 AM					N/A
1/4/2019	AUDNOK	11:30:00 AM					N/A
1/4/2019	AUDNOK	1:30:00 PM					N/A
1/4/2019	AUDNOK	3:30:00 PM					N/A
1/7/2019	AUDNOK	9:30:00 AM	6.1217	6.1244			N/A
1/7/2019	AUDNOK	11:30:00 AM					N/A
1/7/2019	AUDNOK	1:30:00 PM	6.1132	6.1176			N/A
1/7/2019	AUDNOK	3:30:00 PM	6.1105	6.115			N/A
1/8/2019	AUDNOK	9:30:00 AM	6.0891	6.0933			N/A
1/8/2019	AUDNOK	11:30:00 AM	6.0911	6.0958			N/A
1/8/2019	AUDNOK	1:30:00 PM	6.0848	6.0892			N/A
1/8/2019	AUDNOK	3:30:00 PM	6.0898	6.0944			N/A
1/9/2019	AUDNOK	9:30:00 AM	6.1022	6.1055			N/A
1/9/2019	AUDNOK	11:30:00 AM					N/A
1/9/2019	AUDNOK	1:30:00 PM	6.1176	6.1195			N/A

1/9/2019	AUDNOK	3:30:00 PM	6.1093	6.1143			N/A
1/10/2019	AUDNOK	9:30:00 AM	6.0836	6.0872			N/A
1/10/2019	AUDNOK	11:30:00 AM	6.0835	6.0872			N/A
1/10/2019	AUDNOK	1:30:00 PM	6.0807	6.0844			N/A
1/10/2019	AUDNOK	3:30:00 PM	6.0757	6.0792			N/A
1/11/2019	AUDNOK	9:30:00 AM	6.1024	6.1052			N/A
1/11/2019	AUDNOK	11:30:00 AM					N/A
1/11/2019	AUDNOK	1:30:00 PM	6.114	6.1172			N/A
1/11/2019	AUDNOK	3:30:00 PM	6.1108	6.1131			N/A
1/14/2019	AUDNOK	9:30:00 AM	6.1484	6.1523			N/A
1/14/2019	AUDNOK	11:30:00 AM	6.1477	6.1504			N/A
1/14/2019	AUDNOK	1:30:00 PM	6.1456	6.1498			N/A
1/14/2019	AUDNOK	3:30:00 PM	6.1398	6.1443			N/A
1/15/2019	AUDNOK	9:30:00 AM	6.1541	6.159			N/A
1/15/2019	AUDNOK	11:30:00 AM					N/A
1/15/2019	AUDNOK	1:30:00 PM	6.1496	6.1536			N/A
1/15/2019	AUDNOK	3:30:00 PM	6.1441	6.1464			N/A
1/16/2019	AUDNOK	9:30:00 AM	6.1506	6.1548			N/A
1/16/2019	AUDNOK	11:30:00 AM	6.1312	6.1358			N/A
1/16/2019	AUDNOK	1:30:00 PM	6.1244	6.1287			N/A
1/16/2019	AUDNOK	3:30:00 PM	6.1335	6.1379			N/A
1/17/2019	AUDNOK	9:30:00 AM	6.1253	6.129			N/A
1/17/2019	AUDNOK	11:30:00 AM					N/A
1/17/2019	AUDNOK	1:30:00 PM	6.1328	6.1378			N/A
1/17/2019	AUDNOK	3:30:00 PM	6.1355	6.1365			N/A
1/18/2019	AUDNOK	9:30:00 AM	6.1384	6.1433			N/A
1/18/2019	AUDNOK	11:30:00 AM	6.1234	6.1271			N/A
1/18/2019	AUDNOK	1:30:00 PM	6.1309	6.1352			N/A
1/18/2019	AUDNOK	3:30:00 PM	6.1335	6.1351			N/A
1/21/2019	AUDNOK	9:30:00 AM	6.1287	6.1333			N/A
1/21/2019	AUDNOK	11:30:00 AM					N/A
1/21/2019	AUDNOK	1:30:00 PM	6.1271	6.1313			N/A
1/21/2019	AUDNOK	3:30:00 PM	6.1291	6.1336			N/A
1/22/2019	AUDNOK	9:30:00 AM	6.1262	6.1292			N/A
1/22/2019	AUDNOK	11:30:00 AM	6.1144	6.1195			N/A
1/22/2019	AUDNOK	1:30:00 PM	6.1209	6.126			N/A
1/22/2019	AUDNOK	3:30:00 PM	6.1293	6.1334			N/A
1/23/2019	AUDNOK	9:30:00 AM	6.1225	6.1261			N/A
1/23/2019	AUDNOK	11:30:00 AM					N/A
1/23/2019	AUDNOK	1:30:00 PM	6.1303	6.1353			N/A
1/23/2019	AUDNOK	3:30:00 PM	6.118	6.1225			N/A
1/24/2019	AUDNOK	9:30:00 AM	6.0821	6.0867			N/A
1/24/2019	AUDNOK	11:30:00 AM	6.077	6.0803			N/A
1/24/2019	AUDNOK	1:30:00 PM	6.0795	6.083			N/A
1/24/2019	AUDNOK	3:30:00 PM	6.0938	6.098			N/A
1/25/2019	AUDNOK	9:30:00 AM	6.0778	6.081			N/A
1/25/2019	AUDNOK	11:30:00 AM					N/A
1/25/2019	AUDNOK	1:30:00 PM	6.0811	6.0855			N/A
1/25/2019	AUDNOK	3:30:00 PM	6.0937	6.097			N/A
1/28/2019	AUDNOK	9:30:00 AM	6.1161	6.1201			N/A

1/28/2019	AUDNOK	11:30:00 AM	6.1202	6.1244			N/A
1/28/2019	AUDNOK	1:30:00 PM	6.1158	6.1199			N/A
1/28/2019	AUDNOK	3:30:00 PM	6.1125	6.1178			N/A
1/29/2019	AUDNOK	9:30:00 AM	6.0852	6.0884			N/A
1/29/2019	AUDNOK	11:30:00 AM					N/A
1/29/2019	AUDNOK	1:30:00 PM	6.0807	6.0859			N/A
1/29/2019	AUDNOK	3:30:00 PM	6.0823	6.0869			N/A
1/30/2019	AUDNOK	9:30:00 AM	6.1074	6.1118			N/A
1/30/2019	AUDNOK	11:30:00 AM	6.1154	6.1207			N/A
1/30/2019	AUDNOK	1:30:00 PM	6.1131	6.1181			N/A
1/30/2019	AUDNOK	3:30:00 PM	6.0983	6.1022			N/A
1/31/2019	AUDNOK	9:30:00 AM	6.1112	6.1154			N/A
1/31/2019	AUDNOK	11:30:00 AM					N/A
1/31/2019	AUDNOK	1:30:00 PM	6.1172	6.1227			N/A
1/31/2019	AUDNOK	3:30:00 PM	6.1202	6.1228			N/A
2/1/2019	AUDNOK	9:30:00 AM	6.1172	6.1205			N/A
2/1/2019	AUDNOK	11:30:00 AM	6.1181	6.1222			N/A
2/1/2019	AUDNOK	1:30:00 PM	6.1174	6.1222			N/A
2/1/2019	AUDNOK	3:30:00 PM	6.1268	6.1239			N/A
2/4/2019	AUDNOK	9:30:00 AM	6.1091	6.1137			N/A
2/4/2019	AUDNOK	11:30:00 AM					N/A
2/4/2019	AUDNOK	1:30:00 PM	6.117	6.1212			N/A
2/4/2019	AUDNOK	3:30:00 PM	6.119	6.1231			N/A
2/5/2019	AUDNOK	9:30:00 AM	6.145	6.1485			N/A
2/5/2019	AUDNOK	11:30:00 AM	6.1316	6.1356			N/A
2/5/2019	AUDNOK	1:30:00 PM	6.1344	6.1392			N/A
2/5/2019	AUDNOK	3:30:00 PM	6.1351	6.1392			N/A
2/6/2019	AUDNOK	9:30:00 AM	6.0649	6.069			N/A
2/6/2019	AUDNOK	11:30:00 AM					N/A
2/6/2019	AUDNOK	1:30:00 PM	6.0729	6.0771			N/A
2/6/2019	AUDNOK	3:30:00 PM	6.0666	6.0706			N/A
2/7/2019	AUDNOK	9:30:00 AM	6.0715	6.076			N/A
2/7/2019	AUDNOK	11:30:00 AM	6.0824	6.0876			N/A
2/7/2019	AUDNOK	1:30:00 PM	6.0943	6.0993			N/A
2/7/2019	AUDNOK	3:30:00 PM	6.0964	6.1008			N/A
2/8/2019	AUDNOK	9:30:00 AM	6.088	6.0923			N/A
2/8/2019	AUDNOK	11:30:00 AM					N/A
2/8/2019	AUDNOK	1:30:00 PM	6.0988	6.1041			N/A
2/8/2019	AUDNOK	3:30:00 PM	6.1063	6.1081			N/A
2/11/2019	AUDNOK	9:30:00 AM	6.1643	6.1679			N/A
2/11/2019	AUDNOK	11:30:00 AM	6.1517	6.1546			N/A
2/11/2019	AUDNOK	1:30:00 PM	6.1442	6.1488			N/A
2/11/2019	AUDNOK	3:30:00 PM	6.1385	6.1431			N/A
2/12/2019	AUDNOK	9:30:00 AM	6.1559	6.1591			N/A
2/12/2019	AUDNOK	11:30:00 AM					N/A
2/12/2019	AUDNOK	1:30:00 PM	6.1537	6.1586			N/A
2/12/2019	AUDNOK	3:30:00 PM	6.1499	6.1543			N/A
2/13/2019	AUDNOK	9:30:00 AM	6.1445	6.149			N/A
2/13/2019	AUDNOK	11:30:00 AM	6.1347	6.1388			N/A
2/13/2019	AUDNOK	1:30:00 PM	6.1384	6.1429			N/A

2/13/2019	AUDNOK	3:30:00 PM	6.1404	6.1433			N/A
2/14/2019	AUDNOK	9:30:00 AM	6.1519	6.1558			N/A
2/14/2019	AUDNOK	11:30:00 AM					N/A
2/14/2019	AUDNOK	1:30:00 PM	6.1489	6.1535			N/A
2/14/2019	AUDNOK	3:30:00 PM	6.1576	6.1594			N/A
2/15/2019	AUDNOK	9:30:00 AM					N/A
2/15/2019	AUDNOK	11:30:00 AM					N/A
2/15/2019	AUDNOK	1:30:00 PM					N/A
2/15/2019	AUDNOK	3:30:00 PM					N/A
2/18/2019	AUDNOK	9:30:00 AM	6.1662	6.1705			N/A
2/18/2019	AUDNOK	11:30:00 AM					N/A
2/18/2019	AUDNOK	1:30:00 PM	6.1594	6.1638			N/A
2/18/2019	AUDNOK	3:30:00 PM	6.163	6.1675			N/A
2/19/2019	AUDNOK	9:30:00 AM	6.1301	6.1345			N/A
2/19/2019	AUDNOK	11:30:00 AM	6.1305	6.1334			N/A
2/19/2019	AUDNOK	1:30:00 PM	6.1348	6.138			N/A
2/19/2019	AUDNOK	3:30:00 PM	6.1336	6.1387			N/A
2/20/2019	AUDNOK	9:30:00 AM	6.1434	6.1467			N/A
2/20/2019	AUDNOK	11:30:00 AM					N/A
2/20/2019	AUDNOK	1:30:00 PM	6.1399	6.1443			N/A
2/20/2019	AUDNOK	3:30:00 PM	6.1448	6.1487			N/A
2/21/2019	AUDNOK	9:30:00 AM	6.1291	6.1283			N/A
2/21/2019	AUDNOK	11:30:00 AM	6.1328	6.1369			N/A
2/21/2019	AUDNOK	1:30:00 PM	6.1241	6.128			N/A
2/21/2019	AUDNOK	3:30:00 PM	6.1245	6.1261			N/A
2/22/2019	AUDNOK	9:30:00 AM	6.1272	6.1309			N/A
2/22/2019	AUDNOK	11:30:00 AM					N/A
2/22/2019	AUDNOK	1:30:00 PM	6.1273	6.1327			N/A
2/22/2019	AUDNOK	3:30:00 PM	6.1378	6.1421			N/A
2/25/2019	AUDNOK	9:30:00 AM	6.1372	6.1415			N/A
2/25/2019	AUDNOK	11:30:00 AM	6.148	6.1527			N/A
2/25/2019	AUDNOK	1:30:00 PM	6.1492	6.1544			N/A
2/25/2019	AUDNOK	3:30:00 PM	6.1619	6.1658			N/A
2/26/2019	AUDNOK	9:30:00 AM	6.163	6.1667			N/A
2/26/2019	AUDNOK	11:30:00 AM					N/A
2/26/2019	AUDNOK	1:30:00 PM	6.1541	6.1577			N/A
2/26/2019	AUDNOK	3:30:00 PM	6.1472	6.1511			N/A
2/27/2019	AUDNOK	9:30:00 AM	6.1476	6.1518			N/A
2/27/2019	AUDNOK	11:30:00 AM	6.1255	6.1303			N/A
2/27/2019	AUDNOK	1:30:00 PM	6.106	6.111			N/A
2/27/2019	AUDNOK	3:30:00 PM	6.1005	6.1049			N/A
2/28/2019	AUDNOK	9:30:00 AM	6.1003	6.1041			N/A
2/28/2019	AUDNOK	11:30:00 AM					N/A
2/28/2019	AUDNOK	1:30:00 PM	6.0843	6.0881			N/A
2/28/2019	AUDNOK	3:30:00 PM	6.0852	6.0848			N/A
3/1/2019	AUDNOK	9:30:00 AM	6.0711	6.0728			N/A
3/1/2019	AUDNOK	11:30:00 AM	6.0755	6.0804			N/A
3/1/2019	AUDNOK	1:30:00 PM	6.075	6.0796			N/A
3/1/2019	AUDNOK	3:30:00 PM	6.0768	6.0804			N/A
3/4/2019	AUDNOK	9:30:00 AM	6.0811	6.0861			N/A

3/4/2019	AUDNOK	11:30:00 AM					N/A
3/4/2019	AUDNOK	1:30:00 PM	6.0954	6.1006			N/A
3/4/2019	AUDNOK	3:30:00 PM	6.1031	6.1084			N/A
3/5/2019	AUDNOK	9:30:00 AM	6.1375	6.1424			N/A
3/5/2019	AUDNOK	11:30:00 AM	6.1299	6.1338			N/A
3/5/2019	AUDNOK	1:30:00 PM	6.1241	6.128			N/A
3/5/2019	AUDNOK	3:30:00 PM	6.1202	6.1238			N/A
3/6/2019	AUDNOK	9:30:00 AM	6.1019	6.1061			N/A
3/6/2019	AUDNOK	11:30:00 AM					N/A
3/6/2019	AUDNOK	1:30:00 PM	6.1035	6.1086			N/A
3/6/2019	AUDNOK	3:30:00 PM	6.1034	6.1027			N/A
3/7/2019	AUDNOK	9:30:00 AM	6.0994	6.1041			N/A
3/7/2019	AUDNOK	11:30:00 AM	6.0978	6.1027			N/A
3/7/2019	AUDNOK	1:30:00 PM	6.1043	6.1094			N/A
3/7/2019	AUDNOK	3:30:00 PM	6.1152	6.1186			N/A
3/8/2019	AUDNOK	9:30:00 AM	6.1677	6.1717			N/A
3/8/2019	AUDNOK	11:30:00 AM					N/A
3/8/2019	AUDNOK	1:30:00 PM	6.1739	6.1781			N/A
3/8/2019	AUDNOK	3:30:00 PM	6.1899	6.1869			N/A
3/11/2019	AUDNOK	9:30:00 AM	6.1264	6.1309			N/A
3/11/2019	AUDNOK	11:30:00 AM	6.1281	6.1325			N/A
3/11/2019	AUDNOK	1:30:00 PM	6.1194	6.1245			N/A
3/11/2019	AUDNOK	3:30:00 PM	6.1285	6.1316			N/A
3/12/2019	AUDNOK	9:30:00 AM	6.1206	6.1251			N/A
3/12/2019	AUDNOK	11:30:00 AM					N/A
3/12/2019	AUDNOK	1:30:00 PM	6.1162	6.1207			N/A
3/12/2019	AUDNOK	3:30:00 PM	6.1145	6.1192			N/A
3/13/2019	AUDNOK	9:30:00 AM	6.0881	6.0928			N/A
3/13/2019	AUDNOK	11:30:00 AM	6.0859	6.0913			N/A
3/13/2019	AUDNOK	1:30:00 PM	6.0795	6.0839			N/A
3/13/2019	AUDNOK	3:30:00 PM	6.0741	6.078			N/A
3/14/2019	AUDNOK	9:30:00 AM	6.0532	6.0581			N/A
3/14/2019	AUDNOK	11:30:00 AM					N/A
3/14/2019	AUDNOK	1:30:00 PM	6.0657	6.068			N/A
3/14/2019	AUDNOK	3:30:00 PM	6.0569	6.0611			N/A
3/15/2019	AUDNOK	9:30:00 AM	6.0654	6.0697			N/A
3/15/2019	AUDNOK	11:30:00 AM	6.0631	6.0677			N/A
3/15/2019	AUDNOK	1:30:00 PM	6.0439	6.0493			N/A
3/15/2019	AUDNOK	3:30:00 PM	6.0592	6.063			N/A
3/18/2019	AUDNOK	9:30:00 AM	6.0594	6.0648			N/A
3/18/2019	AUDNOK	11:30:00 AM					N/A
3/18/2019	AUDNOK	1:30:00 PM	6.0542	6.0588			N/A
3/18/2019	AUDNOK	3:30:00 PM	6.0505	6.0554			N/A
3/19/2019	AUDNOK	9:30:00 AM	6.0671	6.0709			N/A
3/19/2019	AUDNOK	11:30:00 AM	6.0648	6.0699			N/A
3/19/2019	AUDNOK	1:30:00 PM	6.0519	6.0563			N/A
3/19/2019	AUDNOK	3:30:00 PM	6.0492	6.0532			N/A
3/20/2019	AUDNOK	9:30:00 AM	6.0448	6.0499			N/A
3/20/2019	AUDNOK	11:30:00 AM					N/A
3/20/2019	AUDNOK	1:30:00 PM	6.0488	6.0541			N/A

3/20/2019	AUDNOK	3:30:00 PM	6.0544	6.0585			N/A
3/21/2019	AUDNOK	9:30:00 AM	6.0693	6.0725			N/A
3/21/2019	AUDNOK	11:30:00 AM	6.0141	6.0189			N/A
3/21/2019	AUDNOK	1:30:00 PM	6.0205	6.0252			N/A
3/21/2019	AUDNOK	3:30:00 PM	6.0124	6.0158			N/A
3/22/2019	AUDNOK	9:30:00 AM	6.0026	6.0075			N/A
3/22/2019	AUDNOK	11:30:00 AM					N/A
3/22/2019	AUDNOK	1:30:00 PM	6.0446	6.0487			N/A
3/22/2019	AUDNOK	3:30:00 PM	6.0537	6.0589			N/A
3/25/2019	AUDNOK	9:30:00 AM	6.0534	6.0576			N/A
3/25/2019	AUDNOK	11:30:00 AM	6.0444	6.049			N/A
3/25/2019	AUDNOK	1:30:00 PM	6.0542	6.0587			N/A
3/25/2019	AUDNOK	3:30:00 PM	6.0646	6.0695			N/A
3/26/2019	AUDNOK	9:30:00 AM	6.0773	6.0822			N/A
3/26/2019	AUDNOK	11:30:00 AM					N/A
3/26/2019	AUDNOK	1:30:00 PM	6.0729	6.0782			N/A
3/26/2019	AUDNOK	3:30:00 PM	6.0847	6.0889			N/A
3/27/2019	AUDNOK	9:30:00 AM	6.0821	6.0868			N/A
3/27/2019	AUDNOK	11:30:00 AM	6.0852	6.0894			N/A
3/27/2019	AUDNOK	1:30:00 PM	6.0913	6.0942			N/A
3/27/2019	AUDNOK	3:30:00 PM	6.0978	6.1023			N/A
3/28/2019	AUDNOK	9:30:00 AM	6.1296	6.1339			N/A
3/28/2019	AUDNOK	11:30:00 AM					N/A
3/28/2019	AUDNOK	1:30:00 PM	6.139	6.1425			N/A
3/28/2019	AUDNOK	3:30:00 PM	6.1392	6.1417			N/A
3/29/2019	AUDNOK	9:30:00 AM	6.1207	6.125			N/A
3/29/2019	AUDNOK	11:30:00 AM	6.1205	6.1247			N/A
3/29/2019	AUDNOK	1:30:00 PM	6.1107	6.1155			N/A
3/29/2019	AUDNOK	3:30:00 PM	6.1018	6.1061			N/A
1/1/2019	AUDNZD	9:30:00 AM					N/A
1/1/2019	AUDNZD	11:30:00 AM					N/A
1/1/2019	AUDNZD	1:30:00 PM					N/A
1/1/2019	AUDNZD	3:30:00 PM					N/A
1/2/2019	AUDNZD	9:30:00 AM					N/A
1/2/2019	AUDNZD	11:30:00 AM					N/A
1/2/2019	AUDNZD	1:30:00 PM					N/A
1/2/2019	AUDNZD	3:30:00 PM					N/A
1/3/2019	AUDNZD	9:30:00 AM					N/A
1/3/2019	AUDNZD	11:30:00 AM					N/A
1/3/2019	AUDNZD	1:30:00 PM					N/A
1/3/2019	AUDNZD	3:30:00 PM					N/A
1/4/2019	AUDNZD	9:30:00 AM					N/A
1/4/2019	AUDNZD	11:30:00 AM					N/A
1/4/2019	AUDNZD	1:30:00 PM					N/A
1/4/2019	AUDNZD	3:30:00 PM					N/A
1/7/2019	AUDNZD	9:30:00 AM	1.05569	1.05639			N/A
1/7/2019	AUDNZD	11:30:00 AM					N/A
1/7/2019	AUDNZD	1:30:00 PM	1.05405	1.05481			N/A
1/7/2019	AUDNZD	3:30:00 PM	1.05492	1.0557			N/A
1/8/2019	AUDNZD	9:30:00 AM	1.05716	1.05779			N/A

1/8/2019	AUDNZD	11:30:00 AM	1.05796	1.05882			N/A
1/8/2019	AUDNZD	1:30:00 PM	1.05839	1.05922			N/A
1/8/2019	AUDNZD	3:30:00 PM	1.06081	1.06162			N/A
1/9/2019	AUDNZD	9:30:00 AM	1.0586	1.05947			N/A
1/9/2019	AUDNZD	11:30:00 AM					N/A
1/9/2019	AUDNZD	1:30:00 PM	1.05717	1.05787			N/A
1/9/2019	AUDNZD	3:30:00 PM	1.05692	1.05783			N/A
1/10/2019	AUDNZD	9:30:00 AM	1.05844	1.05927			N/A
1/10/2019	AUDNZD	11:30:00 AM	1.05842	1.05919			N/A
1/10/2019	AUDNZD	1:30:00 PM	1.05884	1.05973			N/A
1/10/2019	AUDNZD	3:30:00 PM	1.0586	1.05948			N/A
1/11/2019	AUDNZD	9:30:00 AM	1.05638	1.05705			N/A
1/11/2019	AUDNZD	11:30:00 AM					N/A
1/11/2019	AUDNZD	1:30:00 PM	1.05711	1.05784			N/A
1/11/2019	AUDNZD	3:30:00 PM	1.05657	1.05698			N/A
1/14/2019	AUDNZD	9:30:00 AM	1.05604	1.05691			N/A
1/14/2019	AUDNZD	11:30:00 AM	1.05612	1.057			N/A
1/14/2019	AUDNZD	1:30:00 PM	1.05501	1.05578			N/A
1/14/2019	AUDNZD	3:30:00 PM	1.05445	1.05526			N/A
1/15/2019	AUDNZD	9:30:00 AM	1.05463	1.05533			N/A
1/15/2019	AUDNZD	11:30:00 AM					N/A
1/15/2019	AUDNZD	1:30:00 PM	1.05505	1.05587			N/A
1/15/2019	AUDNZD	3:30:00 PM	1.05519	1.05591			N/A
1/16/2019	AUDNZD	9:30:00 AM	1.05567	1.05655			N/A
1/16/2019	AUDNZD	11:30:00 AM	1.05686	1.05776			N/A
1/16/2019	AUDNZD	1:30:00 PM	1.06041	1.0609			N/A
1/16/2019	AUDNZD	3:30:00 PM	1.05911	1.05994			N/A
1/17/2019	AUDNZD	9:30:00 AM	1.06139	1.062			N/A
1/17/2019	AUDNZD	11:30:00 AM					N/A
1/17/2019	AUDNZD	1:30:00 PM	1.06338	1.06419			N/A
1/17/2019	AUDNZD	3:30:00 PM	1.06243	1.06313			N/A
1/18/2019	AUDNZD	9:30:00 AM	1.06237	1.06325			N/A
1/18/2019	AUDNZD	11:30:00 AM	1.06228	1.06308			N/A
1/18/2019	AUDNZD	1:30:00 PM	1.06185	1.06277			N/A
1/18/2019	AUDNZD	3:30:00 PM	1.06226	1.06297			N/A
1/21/2019	AUDNZD	9:30:00 AM	1.06475	1.06554			N/A
1/21/2019	AUDNZD	11:30:00 AM					N/A
1/21/2019	AUDNZD	1:30:00 PM	1.06352	1.06422			N/A
1/21/2019	AUDNZD	3:30:00 PM	1.06295	1.06385			N/A
1/22/2019	AUDNZD	9:30:00 AM	1.06124	1.06212			N/A
1/22/2019	AUDNZD	11:30:00 AM	1.06085	1.06175			N/A
1/22/2019	AUDNZD	1:30:00 PM	1.06119	1.06204			N/A
1/22/2019	AUDNZD	3:30:00 PM	1.0605	1.06125			N/A
1/23/2019	AUDNZD	9:30:00 AM	1.05126	1.052			N/A
1/23/2019	AUDNZD	11:30:00 AM					N/A
1/23/2019	AUDNZD	1:30:00 PM	1.05001	1.05093			N/A
1/23/2019	AUDNZD	3:30:00 PM	1.05054	1.05139			N/A
1/24/2019	AUDNZD	9:30:00 AM	1.04733	1.04825			N/A
1/24/2019	AUDNZD	11:30:00 AM	1.04762	1.04844			N/A
1/24/2019	AUDNZD	1:30:00 PM	1.04798	1.04878			N/A

1/24/2019	AUDNZD	3:30:00 PM	1.04758	1.0484			N/A
1/25/2019	AUDNZD	9:30:00 AM	1.04773	1.04859			N/A
1/25/2019	AUDNZD	11:30:00 AM					N/A
1/25/2019	AUDNZD	1:30:00 PM	1.04897	1.04983			N/A
1/25/2019	AUDNZD	3:30:00 PM	1.04873	1.04959			N/A
1/28/2019	AUDNZD	9:30:00 AM	1.04796	1.04881			N/A
1/28/2019	AUDNZD	11:30:00 AM	1.04837	1.0491			N/A
1/28/2019	AUDNZD	1:30:00 PM	1.04836	1.0492			N/A
1/28/2019	AUDNZD	3:30:00 PM	1.04818	1.04907			N/A
1/29/2019	AUDNZD	9:30:00 AM	1.04555	1.04628			N/A
1/29/2019	AUDNZD	11:30:00 AM					N/A
1/29/2019	AUDNZD	1:30:00 PM	1.04605	1.04692			N/A
1/29/2019	AUDNZD	3:30:00 PM	1.04613	1.04692			N/A
1/30/2019	AUDNZD	9:30:00 AM	1.05002	1.05079			N/A
1/30/2019	AUDNZD	11:30:00 AM	1.05178	1.05269			N/A
1/30/2019	AUDNZD	1:30:00 PM	1.05216	1.05309			N/A
1/30/2019	AUDNZD	3:30:00 PM	1.05243	1.05323			N/A
1/31/2019	AUDNZD	9:30:00 AM	1.05113	1.05179			N/A
1/31/2019	AUDNZD	11:30:00 AM					N/A
1/31/2019	AUDNZD	1:30:00 PM	1.05221	1.05312			N/A
1/31/2019	AUDNZD	3:30:00 PM	1.05084	1.05169			N/A
2/1/2019	AUDNZD	9:30:00 AM	1.04822	1.04915			N/A
2/1/2019	AUDNZD	11:30:00 AM	1.04825	1.04914			N/A
2/1/2019	AUDNZD	1:30:00 PM	1.04835	1.04929			N/A
2/1/2019	AUDNZD	3:30:00 PM	1.04933	1.04961			N/A
2/4/2019	AUDNZD	9:30:00 AM	1.0487	1.04961			N/A
2/4/2019	AUDNZD	11:30:00 AM					N/A
2/4/2019	AUDNZD	1:30:00 PM	1.04912	1.04988			N/A
2/4/2019	AUDNZD	3:30:00 PM	1.04915	1.05006			N/A
2/5/2019	AUDNZD	9:30:00 AM	1.05211	1.05283			N/A
2/5/2019	AUDNZD	11:30:00 AM	1.0511	1.052			N/A
2/5/2019	AUDNZD	1:30:00 PM	1.05074	1.05148			N/A
2/5/2019	AUDNZD	3:30:00 PM	1.04935	1.05011			N/A
2/6/2019	AUDNZD	9:30:00 AM	1.04046	1.04131			N/A
2/6/2019	AUDNZD	11:30:00 AM					N/A
2/6/2019	AUDNZD	1:30:00 PM	1.04077	1.04171			N/A
2/6/2019	AUDNZD	3:30:00 PM	1.03993	1.04075			N/A
2/7/2019	AUDNZD	9:30:00 AM	1.05124	1.05211			N/A
2/7/2019	AUDNZD	11:30:00 AM	1.05091	1.05177			N/A
2/7/2019	AUDNZD	1:30:00 PM	1.05127	1.05209			N/A
2/7/2019	AUDNZD	3:30:00 PM	1.05172	1.05264			N/A
2/8/2019	AUDNZD	9:30:00 AM	1.04773	1.04857			N/A
2/8/2019	AUDNZD	11:30:00 AM					N/A
2/8/2019	AUDNZD	1:30:00 PM	1.04945	1.05038			N/A
2/8/2019	AUDNZD	3:30:00 PM	1.05052	1.05111			N/A
2/11/2019	AUDNZD	9:30:00 AM	1.0489	1.04976			N/A
2/11/2019	AUDNZD	11:30:00 AM	1.04971	1.05039			N/A
2/11/2019	AUDNZD	1:30:00 PM	1.04935	1.05019			N/A
2/11/2019	AUDNZD	3:30:00 PM	1.04838	1.04919			N/A
2/12/2019	AUDNZD	9:30:00 AM	1.0513	1.05217			N/A

2/12/2019	AUDNZD	11:30:00 AM					N/A
2/12/2019	AUDNZD	1:30:00 PM	1.05193	1.05277			N/A
2/12/2019	AUDNZD	3:30:00 PM	1.05223	1.0531			N/A
2/13/2019	AUDNZD	9:30:00 AM	1.04148	1.04227			N/A
2/13/2019	AUDNZD	11:30:00 AM	1.04235	1.04325			N/A
2/13/2019	AUDNZD	1:30:00 PM	1.04318	1.04415			N/A
2/13/2019	AUDNZD	3:30:00 PM	1.04361	1.04419			N/A
2/14/2019	AUDNZD	9:30:00 AM	1.04189	1.04259			N/A
2/14/2019	AUDNZD	11:30:00 AM					N/A
2/14/2019	AUDNZD	1:30:00 PM	1.03955	1.04039			N/A
2/14/2019	AUDNZD	3:30:00 PM	1.03918	1.03981			N/A
2/15/2019	AUDNZD	9:30:00 AM					N/A
2/15/2019	AUDNZD	11:30:00 AM					N/A
2/15/2019	AUDNZD	1:30:00 PM					N/A
2/15/2019	AUDNZD	3:30:00 PM					N/A
2/18/2019	AUDNZD	9:30:00 AM	1.0404	1.04134			N/A
2/18/2019	AUDNZD	11:30:00 AM					N/A
2/18/2019	AUDNZD	1:30:00 PM	1.0404	1.04132			N/A
2/18/2019	AUDNZD	3:30:00 PM	1.04039	1.04124			N/A
2/19/2019	AUDNZD	9:30:00 AM	1.04071	1.04155			N/A
2/19/2019	AUDNZD	11:30:00 AM	1.0406	1.0415			N/A
2/19/2019	AUDNZD	1:30:00 PM	1.04182	1.0427			N/A
2/19/2019	AUDNZD	3:30:00 PM	1.04138	1.04224			N/A
2/20/2019	AUDNZD	9:30:00 AM	1.04301	1.04387			N/A
2/20/2019	AUDNZD	11:30:00 AM					N/A
2/20/2019	AUDNZD	1:30:00 PM	1.04216	1.04303			N/A
2/20/2019	AUDNZD	3:30:00 PM	1.04148	1.04229			N/A
2/21/2019	AUDNZD	9:30:00 AM	1.04321	1.04337			N/A
2/21/2019	AUDNZD	11:30:00 AM	1.04193	1.04266			N/A
2/21/2019	AUDNZD	1:30:00 PM	1.04237	1.04322			N/A
2/21/2019	AUDNZD	3:30:00 PM	1.04186	1.04247			N/A
2/22/2019	AUDNZD	9:30:00 AM	1.04659	1.04735			N/A
2/22/2019	AUDNZD	11:30:00 AM					N/A
2/22/2019	AUDNZD	1:30:00 PM	1.04438	1.04516			N/A
2/22/2019	AUDNZD	3:30:00 PM	1.04472	1.04544			N/A
2/25/2019	AUDNZD	9:30:00 AM	1.04098	1.04178			N/A
2/25/2019	AUDNZD	11:30:00 AM	1.04089	1.04183			N/A
2/25/2019	AUDNZD	1:30:00 PM	1.04039	1.0411			N/A
2/25/2019	AUDNZD	3:30:00 PM	1.03982	1.04072			N/A
2/26/2019	AUDNZD	9:30:00 AM	1.03934	1.04021			N/A
2/26/2019	AUDNZD	11:30:00 AM					N/A
2/26/2019	AUDNZD	1:30:00 PM	1.03931	1.0401			N/A
2/26/2019	AUDNZD	3:30:00 PM	1.0391	1.03984			N/A
2/27/2019	AUDNZD	9:30:00 AM	1.04149	1.04222			N/A
2/27/2019	AUDNZD	11:30:00 AM	1.04238	1.0432			N/A
2/27/2019	AUDNZD	1:30:00 PM	1.04273	1.04362			N/A
2/27/2019	AUDNZD	3:30:00 PM	1.04163	1.04245			N/A
2/28/2019	AUDNZD	9:30:00 AM	1.04192	1.0426			N/A
2/28/2019	AUDNZD	11:30:00 AM					N/A
2/28/2019	AUDNZD	1:30:00 PM	1.04363	1.04452			N/A

2/28/2019	AUDNZD	3:30:00 PM	1.04359	1.04367			N/A
3/1/2019	AUDNZD	9:30:00 AM	1.0401	1.04097			N/A
3/1/2019	AUDNZD	11:30:00 AM	1.0406	1.04146			N/A
3/1/2019	AUDNZD	1:30:00 PM	1.04068	1.04151			N/A
3/1/2019	AUDNZD	3:30:00 PM	1.04022	1.04109			N/A
3/4/2019	AUDNZD	9:30:00 AM	1.04043	1.0413			N/A
3/4/2019	AUDNZD	11:30:00 AM					N/A
3/4/2019	AUDNZD	1:30:00 PM	1.04027	1.04105			N/A
3/4/2019	AUDNZD	3:30:00 PM	1.04131	1.04213			N/A
3/5/2019	AUDNZD	9:30:00 AM	1.04174	1.04265			N/A
3/5/2019	AUDNZD	11:30:00 AM	1.04128	1.04217			N/A
3/5/2019	AUDNZD	1:30:00 PM	1.04162	1.04254			N/A
3/5/2019	AUDNZD	3:30:00 PM	1.0412	1.04206			N/A
3/6/2019	AUDNZD	9:30:00 AM	1.03756	1.03819			N/A
3/6/2019	AUDNZD	11:30:00 AM					N/A
3/6/2019	AUDNZD	1:30:00 PM	1.03669	1.03757			N/A
3/6/2019	AUDNZD	3:30:00 PM	1.03716	1.03809			N/A
3/7/2019	AUDNZD	9:30:00 AM	1.03746	1.03832			N/A
3/7/2019	AUDNZD	11:30:00 AM	1.03802	1.03894			N/A
3/7/2019	AUDNZD	1:30:00 PM	1.0375	1.03835			N/A
3/7/2019	AUDNZD	3:30:00 PM	1.03834	1.03903			N/A
3/8/2019	AUDNZD	9:30:00 AM	1.03567	1.03658			N/A
3/8/2019	AUDNZD	11:30:00 AM					N/A
3/8/2019	AUDNZD	1:30:00 PM	1.03436	1.03525			N/A
3/8/2019	AUDNZD	3:30:00 PM	1.03515	1.03546			N/A
3/11/2019	AUDNZD	9:30:00 AM	1.0345	1.03521			N/A
3/11/2019	AUDNZD	11:30:00 AM	1.03375	1.03465			N/A
3/11/2019	AUDNZD	1:30:00 PM	1.03458	1.03548			N/A
3/11/2019	AUDNZD	3:30:00 PM	1.03451	1.03522			N/A
3/12/2019	AUDNZD	9:30:00 AM	1.03286	1.03368			N/A
3/12/2019	AUDNZD	11:30:00 AM					N/A
3/12/2019	AUDNZD	1:30:00 PM	1.03228	1.03317			N/A
3/12/2019	AUDNZD	3:30:00 PM	1.03175	1.03266			N/A
3/13/2019	AUDNZD	9:30:00 AM	1.03163	1.0325			N/A
3/13/2019	AUDNZD	11:30:00 AM	1.03259	1.03346			N/A
3/13/2019	AUDNZD	1:30:00 PM	1.03201	1.03289			N/A
3/13/2019	AUDNZD	3:30:00 PM	1.03308	1.03398			N/A
3/14/2019	AUDNZD	9:30:00 AM	1.0325	1.03327			N/A
3/14/2019	AUDNZD	11:30:00 AM					N/A
3/14/2019	AUDNZD	1:30:00 PM	1.03336	1.03417			N/A
3/14/2019	AUDNZD	3:30:00 PM	1.03376	1.03469			N/A
3/15/2019	AUDNZD	9:30:00 AM	1.03465	1.03537			N/A
3/15/2019	AUDNZD	11:30:00 AM	1.03378	1.03468			N/A
3/15/2019	AUDNZD	1:30:00 PM	1.03364	1.03457			N/A
3/15/2019	AUDNZD	3:30:00 PM	1.03383	1.03465			N/A
3/18/2019	AUDNZD	9:30:00 AM	1.03563	1.03654			N/A
3/18/2019	AUDNZD	11:30:00 AM					N/A
3/18/2019	AUDNZD	1:30:00 PM	1.0348	1.03572			N/A
3/18/2019	AUDNZD	3:30:00 PM	1.03427	1.03513			N/A
3/19/2019	AUDNZD	9:30:00 AM	1.03458	1.03547			N/A

3/19/2019	AUDNZD	11:30:00 AM	1.03461	1.03551			N/A
3/19/2019	AUDNZD	1:30:00 PM	1.03428	1.03509			N/A
3/19/2019	AUDNZD	3:30:00 PM	1.03381	1.0347			N/A
3/20/2019	AUDNZD	9:30:00 AM	1.03526	1.03618			N/A
3/20/2019	AUDNZD	11:30:00 AM					N/A
3/20/2019	AUDNZD	1:30:00 PM	1.03503	1.03589			N/A
3/20/2019	AUDNZD	3:30:00 PM	1.03528	1.0361			N/A
3/21/2019	AUDNZD	9:30:00 AM	1.03264	1.03341			N/A
3/21/2019	AUDNZD	11:30:00 AM	1.03216	1.03292			N/A
3/21/2019	AUDNZD	1:30:00 PM	1.03297	1.03387			N/A
3/21/2019	AUDNZD	3:30:00 PM	1.0329	1.03376			N/A
3/22/2019	AUDNZD	9:30:00 AM	1.03113	1.03204			N/A
3/22/2019	AUDNZD	11:30:00 AM					N/A
3/22/2019	AUDNZD	1:30:00 PM	1.03154	1.03227			N/A
3/22/2019	AUDNZD	3:30:00 PM	1.03138	1.03225			N/A
3/25/2019	AUDNZD	9:30:00 AM	1.02886	1.02966			N/A
3/25/2019	AUDNZD	11:30:00 AM	1.0307	1.03151			N/A
3/25/2019	AUDNZD	1:30:00 PM	1.03059	1.03153			N/A
3/25/2019	AUDNZD	3:30:00 PM	1.02981	1.03039			N/A
3/26/2019	AUDNZD	9:30:00 AM	1.03145	1.03234			N/A
3/26/2019	AUDNZD	11:30:00 AM					N/A
3/26/2019	AUDNZD	1:30:00 PM	1.0318	1.03268			N/A
3/26/2019	AUDNZD	3:30:00 PM	1.03226	1.03306			N/A
3/27/2019	AUDNZD	9:30:00 AM	1.04222	1.04305			N/A
3/27/2019	AUDNZD	11:30:00 AM	1.04239	1.04323			N/A
3/27/2019	AUDNZD	1:30:00 PM	1.0423	1.04319			N/A
3/27/2019	AUDNZD	3:30:00 PM	1.04204	1.04264			N/A
3/28/2019	AUDNZD	9:30:00 AM	1.04041	1.04129			N/A
3/28/2019	AUDNZD	11:30:00 AM					N/A
3/28/2019	AUDNZD	1:30:00 PM	1.0405	1.04129			N/A
3/28/2019	AUDNZD	3:30:00 PM	1.04167	1.04246			N/A
3/29/2019	AUDNZD	9:30:00 AM	1.04343	1.04425			N/A
3/29/2019	AUDNZD	11:30:00 AM	1.04246	1.04334			N/A
3/29/2019	AUDNZD	1:30:00 PM	1.04244	1.04336			N/A
3/29/2019	AUDNZD	3:30:00 PM	1.0421	1.04302			N/A
1/1/2019	AUDPLN	9:30:00 AM					N/A
1/1/2019	AUDPLN	11:30:00 AM					N/A
1/1/2019	AUDPLN	1:30:00 PM					N/A
1/1/2019	AUDPLN	3:30:00 PM					N/A
1/2/2019	AUDPLN	9:30:00 AM					N/A
1/2/2019	AUDPLN	11:30:00 AM					N/A
1/2/2019	AUDPLN	1:30:00 PM					N/A
1/2/2019	AUDPLN	3:30:00 PM					N/A
1/3/2019	AUDPLN	9:30:00 AM					N/A
1/3/2019	AUDPLN	11:30:00 AM					N/A
1/3/2019	AUDPLN	1:30:00 PM					N/A
1/3/2019	AUDPLN	3:30:00 PM					N/A
1/4/2019	AUDPLN	9:30:00 AM					N/A
1/4/2019	AUDPLN	11:30:00 AM					N/A
1/4/2019	AUDPLN	1:30:00 PM					N/A

1/4/2019	AUDPLN	3:30:00 PM					N/A
1/7/2019	AUDPLN	9:30:00 AM	2.6778	2.6803			N/A
1/7/2019	AUDPLN	11:30:00 AM					N/A
1/7/2019	AUDPLN	1:30:00 PM	2.6737	2.6767			N/A
1/7/2019	AUDPLN	3:30:00 PM	2.6743	2.6772			N/A
1/8/2019	AUDPLN	9:30:00 AM	2.6758	2.6787			N/A
1/8/2019	AUDPLN	11:30:00 AM	2.6769	2.6798			N/A
1/8/2019	AUDPLN	1:30:00 PM	2.6795	2.6826			N/A
1/8/2019	AUDPLN	3:30:00 PM	2.6819	2.6849			N/A
1/9/2019	AUDPLN	9:30:00 AM	2.6793	2.6823			N/A
1/9/2019	AUDPLN	11:30:00 AM					N/A
1/9/2019	AUDPLN	1:30:00 PM	2.6895	2.6918			N/A
1/9/2019	AUDPLN	3:30:00 PM	2.6881	2.6912			N/A
1/10/2019	AUDPLN	9:30:00 AM	2.676	2.6789			N/A
1/10/2019	AUDPLN	11:30:00 AM	2.6806	2.6834			N/A
1/10/2019	AUDPLN	1:30:00 PM	2.6765	2.6791			N/A
1/10/2019	AUDPLN	3:30:00 PM	2.6772	2.6796			N/A
1/11/2019	AUDPLN	9:30:00 AM	2.6861	2.6884			N/A
1/11/2019	AUDPLN	11:30:00 AM					N/A
1/11/2019	AUDPLN	1:30:00 PM	2.6929	2.6955			N/A
1/11/2019	AUDPLN	3:30:00 PM	2.6908	2.6932			N/A
1/14/2019	AUDPLN	9:30:00 AM	2.6901	2.6931			N/A
1/14/2019	AUDPLN	11:30:00 AM	2.6927	2.6951			N/A
1/14/2019	AUDPLN	1:30:00 PM	2.6937	2.6964			N/A
1/14/2019	AUDPLN	3:30:00 PM	2.6916	2.6944			N/A
1/15/2019	AUDPLN	9:30:00 AM	2.6967	2.6987			N/A
1/15/2019	AUDPLN	11:30:00 AM					N/A
1/15/2019	AUDPLN	1:30:00 PM	2.7011	2.7038			N/A
1/15/2019	AUDPLN	3:30:00 PM	2.7027	2.7052			N/A
1/16/2019	AUDPLN	9:30:00 AM	2.7119	2.7148			N/A
1/16/2019	AUDPLN	11:30:00 AM	2.7026	2.7056			N/A
1/16/2019	AUDPLN	1:30:00 PM	2.6965	2.6994			N/A
1/16/2019	AUDPLN	3:30:00 PM	2.6995	2.7028			N/A
1/17/2019	AUDPLN	9:30:00 AM	2.6918	2.6948			N/A
1/17/2019	AUDPLN	11:30:00 AM					N/A
1/17/2019	AUDPLN	1:30:00 PM	2.6905	2.6933			N/A
1/17/2019	AUDPLN	3:30:00 PM	2.6939	2.6948			N/A
1/18/2019	AUDPLN	9:30:00 AM	2.7052	2.7083			N/A
1/18/2019	AUDPLN	11:30:00 AM	2.7036	2.7062			N/A
1/18/2019	AUDPLN	1:30:00 PM	2.7047	2.7078			N/A
1/18/2019	AUDPLN	3:30:00 PM	2.707	2.7094			N/A
1/21/2019	AUDPLN	9:30:00 AM	2.7012	2.704			N/A
1/21/2019	AUDPLN	11:30:00 AM					N/A
1/21/2019	AUDPLN	1:30:00 PM	2.7009	2.7035			N/A
1/21/2019	AUDPLN	3:30:00 PM	2.6966	2.6992			N/A
1/22/2019	AUDPLN	9:30:00 AM	2.6923	2.6942			N/A
1/22/2019	AUDPLN	11:30:00 AM	2.6858	2.6887			N/A
1/22/2019	AUDPLN	1:30:00 PM	2.6849	2.688			N/A
1/22/2019	AUDPLN	3:30:00 PM	2.6879	2.6911			N/A
1/23/2019	AUDPLN	9:30:00 AM	2.6894	2.6921			N/A

1/23/2019	AUDPLN	11:30:00 AM					N/A
1/23/2019	AUDPLN	1:30:00 PM	2.6905	2.6936			N/A
1/23/2019	AUDPLN	3:30:00 PM	2.6895	2.6923			N/A
1/24/2019	AUDPLN	9:30:00 AM	2.6772	2.6803			N/A
1/24/2019	AUDPLN	11:30:00 AM	2.6848	2.6872			N/A
1/24/2019	AUDPLN	1:30:00 PM	2.6862	2.6883			N/A
1/24/2019	AUDPLN	3:30:00 PM	2.6854	2.6874			N/A
1/25/2019	AUDPLN	9:30:00 AM	2.6868	2.6889			N/A
1/25/2019	AUDPLN	11:30:00 AM					N/A
1/25/2019	AUDPLN	1:30:00 PM	2.6887	2.6917			N/A
1/25/2019	AUDPLN	3:30:00 PM	2.6916	2.6944			N/A
1/28/2019	AUDPLN	9:30:00 AM	2.7016	2.7045			N/A
1/28/2019	AUDPLN	11:30:00 AM	2.702	2.705			N/A
1/28/2019	AUDPLN	1:30:00 PM	2.6948	2.6971			N/A
1/28/2019	AUDPLN	3:30:00 PM	2.6937	2.697			N/A
1/29/2019	AUDPLN	9:30:00 AM	2.687	2.69			N/A
1/29/2019	AUDPLN	11:30:00 AM					N/A
1/29/2019	AUDPLN	1:30:00 PM	2.6888	2.692			N/A
1/29/2019	AUDPLN	3:30:00 PM	2.692	2.6952			N/A
1/30/2019	AUDPLN	9:30:00 AM	2.7004	2.7034			N/A
1/30/2019	AUDPLN	11:30:00 AM	2.7034	2.7067			N/A
1/30/2019	AUDPLN	1:30:00 PM	2.7016	2.7049			N/A
1/30/2019	AUDPLN	3:30:00 PM	2.6985	2.7013			N/A
1/31/2019	AUDPLN	9:30:00 AM	2.7025	2.7051			N/A
1/31/2019	AUDPLN	11:30:00 AM					N/A
1/31/2019	AUDPLN	1:30:00 PM	2.7076	2.7104			N/A
1/31/2019	AUDPLN	3:30:00 PM	2.7054	2.7067			N/A
2/1/2019	AUDPLN	9:30:00 AM	2.6986	2.7019			N/A
2/1/2019	AUDPLN	11:30:00 AM	2.7044	2.7074			N/A
2/1/2019	AUDPLN	1:30:00 PM	2.7002	2.7033			N/A
2/1/2019	AUDPLN	3:30:00 PM	2.7112	2.7102			N/A
2/4/2019	AUDPLN	9:30:00 AM	2.7117	2.7149			N/A
2/4/2019	AUDPLN	11:30:00 AM					N/A
2/4/2019	AUDPLN	1:30:00 PM	2.7032	2.7064			N/A
2/4/2019	AUDPLN	3:30:00 PM	2.701	2.7035			N/A
2/5/2019	AUDPLN	9:30:00 AM	2.722	2.7244			N/A
2/5/2019	AUDPLN	11:30:00 AM	2.7177	2.7206			N/A
2/5/2019	AUDPLN	1:30:00 PM	2.7203	2.7226			N/A
2/5/2019	AUDPLN	3:30:00 PM	2.7189	2.7219			N/A
2/6/2019	AUDPLN	9:30:00 AM	2.6897	2.6909			N/A
2/6/2019	AUDPLN	11:30:00 AM					N/A
2/6/2019	AUDPLN	1:30:00 PM	2.6875	2.6906			N/A
2/6/2019	AUDPLN	3:30:00 PM	2.6842	2.6871			N/A
2/7/2019	AUDPLN	9:30:00 AM	2.685	2.6882			N/A
2/7/2019	AUDPLN	11:30:00 AM	2.689	2.6921			N/A
2/7/2019	AUDPLN	1:30:00 PM	2.6945	2.6976			N/A
2/7/2019	AUDPLN	3:30:00 PM	2.6947	2.6977			N/A
2/8/2019	AUDPLN	9:30:00 AM	2.6893	2.6922			N/A
2/8/2019	AUDPLN	11:30:00 AM					N/A
2/8/2019	AUDPLN	1:30:00 PM	2.6888	2.692			N/A

2/8/2019	AUDPLN	3:30:00 PM	2.6931	2.6947			N/A
2/11/2019	AUDPLN	9:30:00 AM	2.7007	2.7037			N/A
2/11/2019	AUDPLN	11:30:00 AM	2.7035	2.7062			N/A
2/11/2019	AUDPLN	1:30:00 PM	2.7029	2.7057			N/A
2/11/2019	AUDPLN	3:30:00 PM	2.699	2.7017			N/A
2/12/2019	AUDPLN	9:30:00 AM	2.7123	2.7152			N/A
2/12/2019	AUDPLN	11:30:00 AM					N/A
2/12/2019	AUDPLN	1:30:00 PM	2.7168	2.7198			N/A
2/12/2019	AUDPLN	3:30:00 PM	2.7152	2.7184			N/A
2/13/2019	AUDPLN	9:30:00 AM	2.7195	2.7225			N/A
2/13/2019	AUDPLN	11:30:00 AM	2.7174	2.7204			N/A
2/13/2019	AUDPLN	1:30:00 PM	2.7188	2.7221			N/A
2/13/2019	AUDPLN	3:30:00 PM	2.7227	2.7248			N/A
2/14/2019	AUDPLN	9:30:00 AM	2.7379	2.7403			N/A
2/14/2019	AUDPLN	11:30:00 AM					N/A
2/14/2019	AUDPLN	1:30:00 PM	2.7295	2.7327			N/A
2/14/2019	AUDPLN	3:30:00 PM	2.7344	2.736			N/A
2/15/2019	AUDPLN	9:30:00 AM					N/A
2/15/2019	AUDPLN	11:30:00 AM					N/A
2/15/2019	AUDPLN	1:30:00 PM					N/A
2/15/2019	AUDPLN	3:30:00 PM					N/A
2/18/2019	AUDPLN	9:30:00 AM	2.7367	2.7395			N/A
2/18/2019	AUDPLN	11:30:00 AM					N/A
2/18/2019	AUDPLN	1:30:00 PM	2.734	2.737			N/A
2/18/2019	AUDPLN	3:30:00 PM	2.7364	2.7392			N/A
2/19/2019	AUDPLN	9:30:00 AM	2.7255	2.7286			N/A
2/19/2019	AUDPLN	11:30:00 AM	2.7208	2.7233			N/A
2/19/2019	AUDPLN	1:30:00 PM	2.727	2.7302			N/A
2/19/2019	AUDPLN	3:30:00 PM	2.7283	2.7312			N/A
2/20/2019	AUDPLN	9:30:00 AM	2.7365	2.739			N/A
2/20/2019	AUDPLN	11:30:00 AM					N/A
2/20/2019	AUDPLN	1:30:00 PM	2.7382	2.7412			N/A
2/20/2019	AUDPLN	3:30:00 PM	2.7404	2.7435			N/A
2/21/2019	AUDPLN	9:30:00 AM	2.7219	2.7221			N/A
2/21/2019	AUDPLN	11:30:00 AM	2.7146	2.7171			N/A
2/21/2019	AUDPLN	1:30:00 PM	2.7148	2.7175			N/A
2/21/2019	AUDPLN	3:30:00 PM	2.7147	2.7162			N/A
2/22/2019	AUDPLN	9:30:00 AM	2.7158	2.7182			N/A
2/22/2019	AUDPLN	11:30:00 AM					N/A
2/22/2019	AUDPLN	1:30:00 PM	2.7196	2.7227			N/A
2/22/2019	AUDPLN	3:30:00 PM	2.7244	2.7273			N/A
2/25/2019	AUDPLN	9:30:00 AM	2.7284	2.7315			N/A
2/25/2019	AUDPLN	11:30:00 AM	2.7369	2.7401			N/A
2/25/2019	AUDPLN	1:30:00 PM	2.7374	2.7405			N/A
2/25/2019	AUDPLN	3:30:00 PM	2.7359	2.7389			N/A
2/26/2019	AUDPLN	9:30:00 AM	2.7325	2.7356			N/A
2/26/2019	AUDPLN	11:30:00 AM					N/A
2/26/2019	AUDPLN	1:30:00 PM	2.7244	2.7274			N/A
2/26/2019	AUDPLN	3:30:00 PM	2.7243	2.7271			N/A
2/27/2019	AUDPLN	9:30:00 AM	2.7296	2.7327			N/A

2/27/2019	AUDPLN	11:30:00 AM	2.7156	2.7186			N/A
2/27/2019	AUDPLN	1:30:00 PM	2.7113	2.7144			N/A
2/27/2019	AUDPLN	3:30:00 PM	2.7097	2.7124			N/A
2/28/2019	AUDPLN	9:30:00 AM	2.7059	2.7086			N/A
2/28/2019	AUDPLN	11:30:00 AM					N/A
2/28/2019	AUDPLN	1:30:00 PM	2.6935	2.6961			N/A
2/28/2019	AUDPLN	3:30:00 PM	2.6963	2.6972			N/A
3/1/2019	AUDPLN	9:30:00 AM	2.6842	2.6872			N/A
3/1/2019	AUDPLN	11:30:00 AM	2.6878	2.6907			N/A
3/1/2019	AUDPLN	1:30:00 PM	2.69	2.693			N/A
3/1/2019	AUDPLN	3:30:00 PM	2.6894	2.6924			N/A
3/4/2019	AUDPLN	9:30:00 AM	2.683	2.686			N/A
3/4/2019	AUDPLN	11:30:00 AM					N/A
3/4/2019	AUDPLN	1:30:00 PM	2.6838	2.6869			N/A
3/4/2019	AUDPLN	3:30:00 PM	2.6866	2.6899			N/A
3/5/2019	AUDPLN	9:30:00 AM	2.6892	2.692			N/A
3/5/2019	AUDPLN	11:30:00 AM	2.6876	2.6907			N/A
3/5/2019	AUDPLN	1:30:00 PM	2.6854	2.6884			N/A
3/5/2019	AUDPLN	3:30:00 PM	2.6839	2.6871			N/A
3/6/2019	AUDPLN	9:30:00 AM	2.6753	2.6779			N/A
3/6/2019	AUDPLN	11:30:00 AM					N/A
3/6/2019	AUDPLN	1:30:00 PM	2.673	2.6763			N/A
3/6/2019	AUDPLN	3:30:00 PM	2.6737	2.6744			N/A
3/7/2019	AUDPLN	9:30:00 AM	2.6778	2.6807			N/A
3/7/2019	AUDPLN	11:30:00 AM	2.6762	2.679			N/A
3/7/2019	AUDPLN	1:30:00 PM	2.6773	2.68			N/A
3/7/2019	AUDPLN	3:30:00 PM	2.6845	2.6874			N/A
3/8/2019	AUDPLN	9:30:00 AM	2.6968	2.699			N/A
3/8/2019	AUDPLN	11:30:00 AM					N/A
3/8/2019	AUDPLN	1:30:00 PM	2.6964	2.6994			N/A
3/8/2019	AUDPLN	3:30:00 PM	2.6991	2.6982			N/A
3/11/2019	AUDPLN	9:30:00 AM	2.693	2.6955			N/A
3/11/2019	AUDPLN	11:30:00 AM	2.6917	2.6948			N/A
3/11/2019	AUDPLN	1:30:00 PM	2.6937	2.6966			N/A
3/11/2019	AUDPLN	3:30:00 PM	2.697	2.6992			N/A
3/12/2019	AUDPLN	9:30:00 AM	2.6999	2.7025			N/A
3/12/2019	AUDPLN	11:30:00 AM					N/A
3/12/2019	AUDPLN	1:30:00 PM	2.6991	2.7024			N/A
3/12/2019	AUDPLN	3:30:00 PM	2.699	2.7013			N/A
3/13/2019	AUDPLN	9:30:00 AM	2.6866	2.6895			N/A
3/13/2019	AUDPLN	11:30:00 AM	2.6889	2.6921			N/A
3/13/2019	AUDPLN	1:30:00 PM	2.6863	2.6893			N/A
3/13/2019	AUDPLN	3:30:00 PM	2.6857	2.6884			N/A
3/14/2019	AUDPLN	9:30:00 AM	2.6827	2.6857			N/A
3/14/2019	AUDPLN	11:30:00 AM					N/A
3/14/2019	AUDPLN	1:30:00 PM	2.6824	2.6849			N/A
3/14/2019	AUDPLN	3:30:00 PM	2.6836	2.6866			N/A
3/15/2019	AUDPLN	9:30:00 AM	2.694	2.6962			N/A
3/15/2019	AUDPLN	11:30:00 AM	2.6917	2.6947			N/A
3/15/2019	AUDPLN	1:30:00 PM	2.6899	2.6933			N/A

3/15/2019	AUDPLN	3:30:00 PM	2.6915	2.6942			N/A
3/18/2019	AUDPLN	9:30:00 AM	2.696	2.6985			N/A
3/18/2019	AUDPLN	11:30:00 AM					N/A
3/18/2019	AUDPLN	1:30:00 PM	2.6901	2.6932			N/A
3/18/2019	AUDPLN	3:30:00 PM	2.6878	2.6903			N/A
3/19/2019	AUDPLN	9:30:00 AM	2.6833	2.6863			N/A
3/19/2019	AUDPLN	11:30:00 AM	2.6814	2.6845			N/A
3/19/2019	AUDPLN	1:30:00 PM	2.6802	2.6831			N/A
3/19/2019	AUDPLN	3:30:00 PM	2.682	2.6848			N/A
3/20/2019	AUDPLN	9:30:00 AM	2.6748	2.678			N/A
3/20/2019	AUDPLN	11:30:00 AM					N/A
3/20/2019	AUDPLN	1:30:00 PM	2.6753	2.6783			N/A
3/20/2019	AUDPLN	3:30:00 PM	2.6764	2.6792			N/A
3/21/2019	AUDPLN	9:30:00 AM	2.6779	2.68			N/A
3/21/2019	AUDPLN	11:30:00 AM	2.6821	2.685			N/A
3/21/2019	AUDPLN	1:30:00 PM	2.6802	2.683			N/A
3/21/2019	AUDPLN	3:30:00 PM	2.6751	2.6782			N/A
3/22/2019	AUDPLN	9:30:00 AM	2.6746	2.677			N/A
3/22/2019	AUDPLN	11:30:00 AM					N/A
3/22/2019	AUDPLN	1:30:00 PM	2.6915	2.694			N/A
3/22/2019	AUDPLN	3:30:00 PM	2.6956	2.6986			N/A
3/25/2019	AUDPLN	9:30:00 AM	2.6895	2.6924			N/A
3/25/2019	AUDPLN	11:30:00 AM	2.6912	2.6943			N/A
3/25/2019	AUDPLN	1:30:00 PM	2.6956	2.6984			N/A
3/25/2019	AUDPLN	3:30:00 PM	2.6962	2.6993			N/A
3/26/2019	AUDPLN	9:30:00 AM	2.7011	2.7041			N/A
3/26/2019	AUDPLN	11:30:00 AM					N/A
3/26/2019	AUDPLN	1:30:00 PM	2.7024	2.7056			N/A
3/26/2019	AUDPLN	3:30:00 PM	2.7106	2.7137			N/A
3/27/2019	AUDPLN	9:30:00 AM	2.7062	2.7091			N/A
3/27/2019	AUDPLN	11:30:00 AM	2.7061	2.7089			N/A
3/27/2019	AUDPLN	1:30:00 PM	2.7023	2.7055			N/A
3/27/2019	AUDPLN	3:30:00 PM	2.7025	2.7053			N/A
3/28/2019	AUDPLN	9:30:00 AM	2.7099	2.7127			N/A
3/28/2019	AUDPLN	11:30:00 AM					N/A
3/28/2019	AUDPLN	1:30:00 PM	2.7105	2.7135			N/A
3/28/2019	AUDPLN	3:30:00 PM	2.7077	2.7101			N/A
3/29/2019	AUDPLN	9:30:00 AM	2.7111	2.7137			N/A
3/29/2019	AUDPLN	11:30:00 AM	2.7128	2.7159			N/A
3/29/2019	AUDPLN	1:30:00 PM	2.7141	2.7174			N/A
3/29/2019	AUDPLN	3:30:00 PM	2.7156	2.7179			N/A
1/1/2019	AUDSEK	9:30:00 AM					N/A
1/1/2019	AUDSEK	11:30:00 AM					N/A
1/1/2019	AUDSEK	1:30:00 PM					N/A
1/1/2019	AUDSEK	3:30:00 PM					N/A
1/2/2019	AUDSEK	9:30:00 AM					N/A
1/2/2019	AUDSEK	11:30:00 AM					N/A
1/2/2019	AUDSEK	1:30:00 PM					N/A
1/2/2019	AUDSEK	3:30:00 PM					N/A
1/3/2019	AUDSEK	9:30:00 AM					N/A

1/3/2019	AUDSEK	11:30:00 AM					N/A
1/3/2019	AUDSEK	1:30:00 PM					N/A
1/3/2019	AUDSEK	3:30:00 PM					N/A
1/4/2019	AUDSEK	9:30:00 AM					N/A
1/4/2019	AUDSEK	11:30:00 AM					N/A
1/4/2019	AUDSEK	1:30:00 PM					N/A
1/4/2019	AUDSEK	3:30:00 PM					N/A
1/7/2019	AUDSEK	9:30:00 AM	6.3738	6.3737			N/A
1/7/2019	AUDSEK	11:30:00 AM					N/A
1/7/2019	AUDSEK	1:30:00 PM	6.3697	6.3726			N/A
1/7/2019	AUDSEK	3:30:00 PM	6.3716	6.3738			N/A
1/8/2019	AUDSEK	9:30:00 AM	6.3534	6.3555			N/A
1/8/2019	AUDSEK	11:30:00 AM	6.3431	6.3448			N/A
1/8/2019	AUDSEK	1:30:00 PM	6.3389	6.3408			N/A
1/8/2019	AUDSEK	3:30:00 PM	6.3495	6.3524			N/A
1/9/2019	AUDSEK	9:30:00 AM	6.3785	6.3809			N/A
1/9/2019	AUDSEK	11:30:00 AM					N/A
1/9/2019	AUDSEK	1:30:00 PM	6.4041	6.4052			N/A
1/9/2019	AUDSEK	3:30:00 PM	6.3969	6.4001			N/A
1/10/2019	AUDSEK	9:30:00 AM	6.3741	6.376			N/A
1/10/2019	AUDSEK	11:30:00 AM	6.3831	6.3854			N/A
1/10/2019	AUDSEK	1:30:00 PM	6.3755	6.3778			N/A
1/10/2019	AUDSEK	3:30:00 PM	6.3777	6.3792			N/A
1/11/2019	AUDSEK	9:30:00 AM	6.4038	6.4053			N/A
1/11/2019	AUDSEK	11:30:00 AM					N/A
1/11/2019	AUDSEK	1:30:00 PM	6.4187	6.4203			N/A
1/11/2019	AUDSEK	3:30:00 PM	6.413	6.413			N/A
1/14/2019	AUDSEK	9:30:00 AM	6.431	6.4327			N/A
1/14/2019	AUDSEK	11:30:00 AM	6.4214	6.4241			N/A
1/14/2019	AUDSEK	1:30:00 PM	6.4321	6.4326			N/A
1/14/2019	AUDSEK	3:30:00 PM	6.4321	6.4352			N/A
1/15/2019	AUDSEK	9:30:00 AM	6.4477	6.4494			N/A
1/15/2019	AUDSEK	11:30:00 AM					N/A
1/15/2019	AUDSEK	1:30:00 PM	6.4482	6.4503			N/A
1/15/2019	AUDSEK	3:30:00 PM	6.4501	6.4507			N/A
1/16/2019	AUDSEK	9:30:00 AM	6.4601	6.4622			N/A
1/16/2019	AUDSEK	11:30:00 AM	6.4465	6.4491			N/A
1/16/2019	AUDSEK	1:30:00 PM	6.4391	6.4402			N/A
1/16/2019	AUDSEK	3:30:00 PM	6.4549	6.4571			N/A
1/17/2019	AUDSEK	9:30:00 AM	6.4561	6.4559			N/A
1/17/2019	AUDSEK	11:30:00 AM					N/A
1/17/2019	AUDSEK	1:30:00 PM	6.4632	6.4659			N/A
1/17/2019	AUDSEK	3:30:00 PM	6.4706	6.4697			N/A
1/18/2019	AUDSEK	9:30:00 AM	6.4773	6.479			N/A
1/18/2019	AUDSEK	11:30:00 AM	6.4604	6.4617			N/A
1/18/2019	AUDSEK	1:30:00 PM	6.4623	6.4651			N/A
1/18/2019	AUDSEK	3:30:00 PM	6.4683	6.4682			N/A
1/21/2019	AUDSEK	9:30:00 AM	6.4582	6.4602			N/A
1/21/2019	AUDSEK	11:30:00 AM					N/A
1/21/2019	AUDSEK	1:30:00 PM	6.4534	6.4553			N/A

1/21/2019	AUDSEK	3:30:00 PM	6.4493	6.4515			N/A
1/22/2019	AUDSEK	9:30:00 AM	6.4447	6.4448			N/A
1/22/2019	AUDSEK	11:30:00 AM	6.4248	6.4277			N/A
1/22/2019	AUDSEK	1:30:00 PM	6.4308	6.4338			N/A
1/22/2019	AUDSEK	3:30:00 PM	6.438	6.44			N/A
1/23/2019	AUDSEK	9:30:00 AM	6.4288	6.4313			N/A
1/23/2019	AUDSEK	11:30:00 AM					N/A
1/23/2019	AUDSEK	1:30:00 PM	6.4384	6.4416			N/A
1/23/2019	AUDSEK	3:30:00 PM	6.4289	6.4315			N/A
1/24/2019	AUDSEK	9:30:00 AM	6.4056	6.4086			N/A
1/24/2019	AUDSEK	11:30:00 AM	6.4196	6.4209			N/A
1/24/2019	AUDSEK	1:30:00 PM	6.4387	6.44			N/A
1/24/2019	AUDSEK	3:30:00 PM	6.4458	6.4484			N/A
1/25/2019	AUDSEK	9:30:00 AM	6.435	6.4367			N/A
1/25/2019	AUDSEK	11:30:00 AM					N/A
1/25/2019	AUDSEK	1:30:00 PM	6.4549	6.4571			N/A
1/25/2019	AUDSEK	3:30:00 PM	6.4679	6.4694			N/A
1/28/2019	AUDSEK	9:30:00 AM	6.5024	6.5025			N/A
1/28/2019	AUDSEK	11:30:00 AM	6.4987	6.5016			N/A
1/28/2019	AUDSEK	1:30:00 PM	6.5052	6.5071			N/A
1/28/2019	AUDSEK	3:30:00 PM	6.503	6.5061			N/A
1/29/2019	AUDSEK	9:30:00 AM	6.4799	6.482			N/A
1/29/2019	AUDSEK	11:30:00 AM					N/A
1/29/2019	AUDSEK	1:30:00 PM	6.4868	6.4899			N/A
1/29/2019	AUDSEK	3:30:00 PM	6.4882	6.4914			N/A
1/30/2019	AUDSEK	9:30:00 AM	6.5164	6.5188			N/A
1/30/2019	AUDSEK	11:30:00 AM	6.5338	6.5368			N/A
1/30/2019	AUDSEK	1:30:00 PM	6.5468	6.5496			N/A
1/30/2019	AUDSEK	3:30:00 PM	6.5317	6.5338			N/A
1/31/2019	AUDSEK	9:30:00 AM	6.5604	6.5624			N/A
1/31/2019	AUDSEK	11:30:00 AM					N/A
1/31/2019	AUDSEK	1:30:00 PM	6.5647	6.568			N/A
1/31/2019	AUDSEK	3:30:00 PM	6.5714	6.5719			N/A
2/1/2019	AUDSEK	9:30:00 AM	6.5592	6.5591			N/A
2/1/2019	AUDSEK	11:30:00 AM	6.5638	6.5665			N/A
2/1/2019	AUDSEK	1:30:00 PM	6.5686	6.5713			N/A
2/1/2019	AUDSEK	3:30:00 PM	6.5806	6.576			N/A
2/4/2019	AUDSEK	9:30:00 AM	6.5584	6.5614			N/A
2/4/2019	AUDSEK	11:30:00 AM					N/A
2/4/2019	AUDSEK	1:30:00 PM	6.5611	6.5638			N/A
2/4/2019	AUDSEK	3:30:00 PM	6.5648	6.567			N/A
2/5/2019	AUDSEK	9:30:00 AM	6.617	6.6161			N/A
2/5/2019	AUDSEK	11:30:00 AM	6.6043	6.6071			N/A
2/5/2019	AUDSEK	1:30:00 PM	6.6065	6.609			N/A
2/5/2019	AUDSEK	3:30:00 PM	6.5931	6.5948			N/A
2/6/2019	AUDSEK	9:30:00 AM	6.5239	6.526			N/A
2/6/2019	AUDSEK	11:30:00 AM					N/A
2/6/2019	AUDSEK	1:30:00 PM	6.5322	6.5344			N/A
2/6/2019	AUDSEK	3:30:00 PM	6.5323	6.5353			N/A
2/7/2019	AUDSEK	9:30:00 AM	6.5359	6.539			N/A

2/7/2019	AUDSEK	11:30:00 AM	6.5488	6.5516			N/A
2/7/2019	AUDSEK	1:30:00 PM	6.5705	6.5728			N/A
2/7/2019	AUDSEK	3:30:00 PM	6.5666	6.5658			N/A
2/8/2019	AUDSEK	9:30:00 AM	6.5613	6.5614			N/A
2/8/2019	AUDSEK	11:30:00 AM					N/A
2/8/2019	AUDSEK	1:30:00 PM	6.5642	6.5675			N/A
2/8/2019	AUDSEK	3:30:00 PM	6.5643	6.5655			N/A
2/11/2019	AUDSEK	9:30:00 AM	6.5886	6.591			N/A
2/11/2019	AUDSEK	11:30:00 AM	6.5655	6.5673			N/A
2/11/2019	AUDSEK	1:30:00 PM	6.5647	6.5671			N/A
2/11/2019	AUDSEK	3:30:00 PM	6.5568	6.5587			N/A
2/12/2019	AUDSEK	9:30:00 AM	6.5693	6.5723			N/A
2/12/2019	AUDSEK	11:30:00 AM					N/A
2/12/2019	AUDSEK	1:30:00 PM	6.5653	6.5682			N/A
2/12/2019	AUDSEK	3:30:00 PM	6.5777	6.5807			N/A
2/13/2019	AUDSEK	9:30:00 AM	6.5935	6.596			N/A
2/13/2019	AUDSEK	11:30:00 AM	6.562	6.5643			N/A
2/13/2019	AUDSEK	1:30:00 PM	6.5488	6.5523			N/A
2/13/2019	AUDSEK	3:30:00 PM	6.5478	6.5496			N/A
2/14/2019	AUDSEK	9:30:00 AM	6.5916	6.5928			N/A
2/14/2019	AUDSEK	11:30:00 AM					N/A
2/14/2019	AUDSEK	1:30:00 PM	6.5887	6.5914			N/A
2/14/2019	AUDSEK	3:30:00 PM	6.6092	6.6114			N/A
2/15/2019	AUDSEK	9:30:00 AM					N/A
2/15/2019	AUDSEK	11:30:00 AM					N/A
2/15/2019	AUDSEK	1:30:00 PM					N/A
2/15/2019	AUDSEK	3:30:00 PM					N/A
2/18/2019	AUDSEK	9:30:00 AM	6.6207	6.6225			N/A
2/18/2019	AUDSEK	11:30:00 AM					N/A
2/18/2019	AUDSEK	1:30:00 PM	6.6151	6.6153			N/A
2/18/2019	AUDSEK	3:30:00 PM	6.6192	6.6223			N/A
2/19/2019	AUDSEK	9:30:00 AM	6.594	6.5965			N/A
2/19/2019	AUDSEK	11:30:00 AM	6.6555	6.655			N/A
2/19/2019	AUDSEK	1:30:00 PM	6.6692	6.6725			N/A
2/19/2019	AUDSEK	3:30:00 PM	6.6727	6.6751			N/A
2/20/2019	AUDSEK	9:30:00 AM	6.6687	6.6699			N/A
2/20/2019	AUDSEK	11:30:00 AM					N/A
2/20/2019	AUDSEK	1:30:00 PM	6.6641	6.6671			N/A
2/20/2019	AUDSEK	3:30:00 PM	6.6715	6.6738			N/A
2/21/2019	AUDSEK	9:30:00 AM	6.6462	6.6411			N/A
2/21/2019	AUDSEK	11:30:00 AM	6.6389	6.6412			N/A
2/21/2019	AUDSEK	1:30:00 PM	6.6413	6.6435			N/A
2/21/2019	AUDSEK	3:30:00 PM	6.6521	6.6511			N/A
2/22/2019	AUDSEK	9:30:00 AM	6.6533	6.6545			N/A
2/22/2019	AUDSEK	11:30:00 AM					N/A
2/22/2019	AUDSEK	1:30:00 PM	6.6527	6.6551			N/A
2/22/2019	AUDSEK	3:30:00 PM	6.6656	6.6679			N/A
2/25/2019	AUDSEK	9:30:00 AM	6.6649	6.6676			N/A
2/25/2019	AUDSEK	11:30:00 AM	6.6725	6.6754			N/A
2/25/2019	AUDSEK	1:30:00 PM	6.6771	6.6802			N/A

2/25/2019	AUDSEK	3:30:00 PM	6.677	6.6793			N/A
2/26/2019	AUDSEK	9:30:00 AM	6.6741	6.6765			N/A
2/26/2019	AUDSEK	11:30:00 AM					N/A
2/26/2019	AUDSEK	1:30:00 PM	6.6655	6.6682			N/A
2/26/2019	AUDSEK	3:30:00 PM	6.6609	6.662			N/A
2/27/2019	AUDSEK	9:30:00 AM	6.673	6.6758			N/A
2/27/2019	AUDSEK	11:30:00 AM	6.6405	6.6432			N/A
2/27/2019	AUDSEK	1:30:00 PM	6.627	6.6299			N/A
2/27/2019	AUDSEK	3:30:00 PM	6.6215	6.6239			N/A
2/28/2019	AUDSEK	9:30:00 AM	6.6095	6.6104			N/A
2/28/2019	AUDSEK	11:30:00 AM					N/A
2/28/2019	AUDSEK	1:30:00 PM	6.5554	6.5574			N/A
2/28/2019	AUDSEK	3:30:00 PM	6.5619	6.5567			N/A
3/1/2019	AUDSEK	9:30:00 AM	6.5574	6.5551			N/A
3/1/2019	AUDSEK	11:30:00 AM	6.5591	6.5601			N/A
3/1/2019	AUDSEK	1:30:00 PM	6.5574	6.5601			N/A
3/1/2019	AUDSEK	3:30:00 PM	6.5584	6.5611			N/A
3/4/2019	AUDSEK	9:30:00 AM	6.5693	6.5721			N/A
3/4/2019	AUDSEK	11:30:00 AM					N/A
3/4/2019	AUDSEK	1:30:00 PM	6.584	6.5872			N/A
3/4/2019	AUDSEK	3:30:00 PM	6.6022	6.6053			N/A
3/5/2019	AUDSEK	9:30:00 AM	6.6268	6.6268			N/A
3/5/2019	AUDSEK	11:30:00 AM	6.5984	6.6014			N/A
3/5/2019	AUDSEK	1:30:00 PM	6.5942	6.5952			N/A
3/5/2019	AUDSEK	3:30:00 PM	6.5875	6.5898			N/A
3/6/2019	AUDSEK	9:30:00 AM	6.5541	6.5551			N/A
3/6/2019	AUDSEK	11:30:00 AM					N/A
3/6/2019	AUDSEK	1:30:00 PM	6.5577	6.561			N/A
3/6/2019	AUDSEK	3:30:00 PM	6.5562	6.555			N/A
3/7/2019	AUDSEK	9:30:00 AM	6.547	6.5497			N/A
3/7/2019	AUDSEK	11:30:00 AM	6.5546	6.5562			N/A
3/7/2019	AUDSEK	1:30:00 PM	6.5757	6.5775			N/A
3/7/2019	AUDSEK	3:30:00 PM	6.6003	6.6018			N/A
3/8/2019	AUDSEK	9:30:00 AM	6.6432	6.6459			N/A
3/8/2019	AUDSEK	11:30:00 AM					N/A
3/8/2019	AUDSEK	1:30:00 PM	6.6565	6.6595			N/A
3/8/2019	AUDSEK	3:30:00 PM	6.6732	6.6664			N/A
3/11/2019	AUDSEK	9:30:00 AM	6.6267	6.6287			N/A
3/11/2019	AUDSEK	11:30:00 AM	6.6398	6.6426			N/A
3/11/2019	AUDSEK	1:30:00 PM	6.6247	6.627			N/A
3/11/2019	AUDSEK	3:30:00 PM	6.6369	6.6353			N/A
3/12/2019	AUDSEK	9:30:00 AM	6.6275	6.6302			N/A
3/12/2019	AUDSEK	11:30:00 AM					N/A
3/12/2019	AUDSEK	1:30:00 PM	6.6431	6.6465			N/A
3/12/2019	AUDSEK	3:30:00 PM	6.6411	6.644			N/A
3/13/2019	AUDSEK	9:30:00 AM	6.6079	6.6102			N/A
3/13/2019	AUDSEK	11:30:00 AM	6.6025	6.6061			N/A
3/13/2019	AUDSEK	1:30:00 PM	6.5968	6.5999			N/A
3/13/2019	AUDSEK	3:30:00 PM	6.5936	6.5944			N/A
3/14/2019	AUDSEK	9:30:00 AM	6.5697	6.5723			N/A

3/14/2019	AUDSEK	11:30:00 AM					N/A
3/14/2019	AUDSEK	1:30:00 PM	6.5786	6.5804			N/A
3/14/2019	AUDSEK	3:30:00 PM	6.5731	6.5752			N/A
3/15/2019	AUDSEK	9:30:00 AM	6.5804	6.5825			N/A
3/15/2019	AUDSEK	11:30:00 AM	6.577	6.5778			N/A
3/15/2019	AUDSEK	1:30:00 PM	6.5501	6.5532			N/A
3/15/2019	AUDSEK	3:30:00 PM	6.5661	6.568			N/A
3/18/2019	AUDSEK	9:30:00 AM	6.5594	6.5616			N/A
3/18/2019	AUDSEK	11:30:00 AM					N/A
3/18/2019	AUDSEK	1:30:00 PM	6.5513	6.5542			N/A
3/18/2019	AUDSEK	3:30:00 PM	6.5488	6.5512			N/A
3/19/2019	AUDSEK	9:30:00 AM	6.5481	6.548			N/A
3/19/2019	AUDSEK	11:30:00 AM	6.5502	6.5527			N/A
3/19/2019	AUDSEK	1:30:00 PM	6.5354	6.5379			N/A
3/19/2019	AUDSEK	3:30:00 PM	6.5362	6.5378			N/A
3/20/2019	AUDSEK	9:30:00 AM	6.5216	6.5245			N/A
3/20/2019	AUDSEK	11:30:00 AM					N/A
3/20/2019	AUDSEK	1:30:00 PM	6.5128	6.5161			N/A
3/20/2019	AUDSEK	3:30:00 PM	6.5169	6.5193			N/A
3/21/2019	AUDSEK	9:30:00 AM	6.5227	6.5228			N/A
3/21/2019	AUDSEK	11:30:00 AM	6.524	6.5271			N/A
3/21/2019	AUDSEK	1:30:00 PM	6.5245	6.527			N/A
3/21/2019	AUDSEK	3:30:00 PM	6.5207	6.5229			N/A
3/22/2019	AUDSEK	9:30:00 AM	6.5164	6.5191			N/A
3/22/2019	AUDSEK	11:30:00 AM					N/A
3/22/2019	AUDSEK	1:30:00 PM	6.5669	6.5685			N/A
3/22/2019	AUDSEK	3:30:00 PM	6.5772	6.5793			N/A
3/25/2019	AUDSEK	9:30:00 AM	6.5555	6.5555			N/A
3/25/2019	AUDSEK	11:30:00 AM	6.5447	6.5479			N/A
3/25/2019	AUDSEK	1:30:00 PM	6.5478	6.5499			N/A
3/25/2019	AUDSEK	3:30:00 PM	6.5557	6.5581			N/A
3/26/2019	AUDSEK	9:30:00 AM	6.5838	6.5866			N/A
3/26/2019	AUDSEK	11:30:00 AM					N/A
3/26/2019	AUDSEK	1:30:00 PM	6.5726	6.5747			N/A
3/26/2019	AUDSEK	3:30:00 PM	6.5835	6.5865			N/A
3/27/2019	AUDSEK	9:30:00 AM	6.5763	6.5789			N/A
3/27/2019	AUDSEK	11:30:00 AM	6.5599	6.5606			N/A
3/27/2019	AUDSEK	1:30:00 PM	6.5626	6.5638			N/A
3/27/2019	AUDSEK	3:30:00 PM	6.5626	6.5632			N/A
3/28/2019	AUDSEK	9:30:00 AM	6.5902	6.592			N/A
3/28/2019	AUDSEK	11:30:00 AM					N/A
3/28/2019	AUDSEK	1:30:00 PM	6.6195	6.6212			N/A
3/28/2019	AUDSEK	3:30:00 PM	6.6051	6.6065			N/A
3/29/2019	AUDSEK	9:30:00 AM	6.5855	6.5879			N/A
3/29/2019	AUDSEK	11:30:00 AM	6.5744	6.5761			N/A
3/29/2019	AUDSEK	1:30:00 PM	6.5639	6.567			N/A
3/29/2019	AUDSEK	3:30:00 PM	6.5683	6.5688			N/A
1/1/2019	AUDSGD	9:30:00 AM					N/A
1/1/2019	AUDSGD	11:30:00 AM					N/A
1/1/2019	AUDSGD	1:30:00 PM					N/A

1/1/2019	AUDSGD	3:30:00 PM					N/A
1/2/2019	AUDSGD	9:30:00 AM					N/A
1/2/2019	AUDSGD	11:30:00 AM					N/A
1/2/2019	AUDSGD	1:30:00 PM					N/A
1/2/2019	AUDSGD	3:30:00 PM					N/A
1/3/2019	AUDSGD	9:30:00 AM					N/A
1/3/2019	AUDSGD	11:30:00 AM					N/A
1/3/2019	AUDSGD	1:30:00 PM					N/A
1/3/2019	AUDSGD	3:30:00 PM					N/A
1/4/2019	AUDSGD	9:30:00 AM					N/A
1/4/2019	AUDSGD	11:30:00 AM					N/A
1/4/2019	AUDSGD	1:30:00 PM					N/A
1/4/2019	AUDSGD	3:30:00 PM					N/A
1/7/2019	AUDSGD	9:30:00 AM	0.967	0.967			N/A
1/7/2019	AUDSGD	11:30:00 AM					N/A
1/7/2019	AUDSGD	1:30:00 PM	0.9672	0.9674			N/A
1/7/2019	AUDSGD	3:30:00 PM	0.9684	0.9686			N/A
1/8/2019	AUDSGD	9:30:00 AM	0.9677	0.9679			N/A
1/8/2019	AUDSGD	11:30:00 AM	0.9693	0.9694			N/A
1/8/2019	AUDSGD	1:30:00 PM	0.9687	0.9689			N/A
1/8/2019	AUDSGD	3:30:00 PM	0.9691	0.9693			N/A
1/9/2019	AUDSGD	9:30:00 AM	0.9708	0.971			N/A
1/9/2019	AUDSGD	11:30:00 AM					N/A
1/9/2019	AUDSGD	1:30:00 PM	0.9717	0.9719			N/A
1/9/2019	AUDSGD	3:30:00 PM	0.9719	0.9722			N/A
1/10/2019	AUDSGD	9:30:00 AM	0.9705	0.9707			N/A
1/10/2019	AUDSGD	11:30:00 AM	0.9706	0.9706			N/A
1/10/2019	AUDSGD	1:30:00 PM	0.9709	0.9711			N/A
1/10/2019	AUDSGD	3:30:00 PM	0.9717	0.9719			N/A
1/11/2019	AUDSGD	9:30:00 AM	0.9745	0.9744			N/A
1/11/2019	AUDSGD	11:30:00 AM					N/A
1/11/2019	AUDSGD	1:30:00 PM	0.9765	0.9765			N/A
1/11/2019	AUDSGD	3:30:00 PM	0.9761	0.9759			N/A
1/14/2019	AUDSGD	9:30:00 AM	0.9727	0.9729			N/A
1/14/2019	AUDSGD	11:30:00 AM	0.9743	0.9746			N/A
1/14/2019	AUDSGD	1:30:00 PM	0.9744	0.9746			N/A
1/14/2019	AUDSGD	3:30:00 PM	0.9743	0.9745			N/A
1/15/2019	AUDSGD	9:30:00 AM	0.976	0.9762			N/A
1/15/2019	AUDSGD	11:30:00 AM					N/A
1/15/2019	AUDSGD	1:30:00 PM	0.975	0.9752			N/A
1/15/2019	AUDSGD	3:30:00 PM	0.9746	0.9747			N/A
1/16/2019	AUDSGD	9:30:00 AM	0.9759	0.9761			N/A
1/16/2019	AUDSGD	11:30:00 AM	0.9742	0.9745			N/A
1/16/2019	AUDSGD	1:30:00 PM	0.9722	0.9723			N/A
1/16/2019	AUDSGD	3:30:00 PM	0.9724	0.9726			N/A
1/17/2019	AUDSGD	9:30:00 AM	0.9702	0.9705			N/A
1/17/2019	AUDSGD	11:30:00 AM					N/A
1/17/2019	AUDSGD	1:30:00 PM	0.9717	0.9719			N/A
1/17/2019	AUDSGD	3:30:00 PM	0.9715	0.9716			N/A
1/18/2019	AUDSGD	9:30:00 AM	0.9753	0.9755			N/A

1/18/2019	AUDSGD	11:30:00 AM	0.9736	0.9739			N/A
1/18/2019	AUDSGD	1:30:00 PM	0.975	0.9751			N/A
1/18/2019	AUDSGD	3:30:00 PM	0.9758	0.9757			N/A
1/21/2019	AUDSGD	9:30:00 AM	0.9741	0.9743			N/A
1/21/2019	AUDSGD	11:30:00 AM					N/A
1/21/2019	AUDSGD	1:30:00 PM	0.973	0.9732			N/A
1/21/2019	AUDSGD	3:30:00 PM	0.9722	0.9724			N/A
1/22/2019	AUDSGD	9:30:00 AM	0.9705	0.9704			N/A
1/22/2019	AUDSGD	11:30:00 AM	0.9693	0.9695			N/A
1/22/2019	AUDSGD	1:30:00 PM	0.9694	0.9696			N/A
1/22/2019	AUDSGD	3:30:00 PM	0.9703	0.9705			N/A
1/23/2019	AUDSGD	9:30:00 AM	0.9695	0.9697			N/A
1/23/2019	AUDSGD	11:30:00 AM					N/A
1/23/2019	AUDSGD	1:30:00 PM	0.9701	0.9704			N/A
1/23/2019	AUDSGD	3:30:00 PM	0.9691	0.9693			N/A
1/24/2019	AUDSGD	9:30:00 AM	0.965	0.9652			N/A
1/24/2019	AUDSGD	11:30:00 AM	0.9655	0.9657			N/A
1/24/2019	AUDSGD	1:30:00 PM	0.9652	0.9652			N/A
1/24/2019	AUDSGD	3:30:00 PM	0.9661	0.9663			N/A
1/25/2019	AUDSGD	9:30:00 AM	0.9641	0.9642			N/A
1/25/2019	AUDSGD	11:30:00 AM					N/A
1/25/2019	AUDSGD	1:30:00 PM	0.9645	0.9647			N/A
1/25/2019	AUDSGD	3:30:00 PM	0.9664	0.9666			N/A
1/28/2019	AUDSGD	9:30:00 AM	0.9728	0.9728			N/A
1/28/2019	AUDSGD	11:30:00 AM	0.9719	0.9721			N/A
1/28/2019	AUDSGD	1:30:00 PM	0.9719	0.9721			N/A
1/28/2019	AUDSGD	3:30:00 PM	0.9708	0.971			N/A
1/29/2019	AUDSGD	9:30:00 AM	0.9691	0.9693			N/A
1/29/2019	AUDSGD	11:30:00 AM					N/A
1/29/2019	AUDSGD	1:30:00 PM	0.9682	0.9684			N/A
1/29/2019	AUDSGD	3:30:00 PM	0.9681	0.9683			N/A
1/30/2019	AUDSGD	9:30:00 AM	0.972	0.9722			N/A
1/30/2019	AUDSGD	11:30:00 AM	0.9721	0.9723			N/A
1/30/2019	AUDSGD	1:30:00 PM	0.9725	0.9726			N/A
1/30/2019	AUDSGD	3:30:00 PM	0.9712	0.9714			N/A
1/31/2019	AUDSGD	9:30:00 AM	0.9781	0.9781			N/A
1/31/2019	AUDSGD	11:30:00 AM					N/A
1/31/2019	AUDSGD	1:30:00 PM	0.9791	0.9793			N/A
1/31/2019	AUDSGD	3:30:00 PM	0.9792	0.9792			N/A
2/1/2019	AUDSGD	9:30:00 AM	0.977	0.9773			N/A
2/1/2019	AUDSGD	11:30:00 AM	0.9782	0.9783			N/A
2/1/2019	AUDSGD	1:30:00 PM	0.979	0.9793			N/A
2/1/2019	AUDSGD	3:30:00 PM	0.981	0.9796			N/A
2/4/2019	AUDSGD	9:30:00 AM	0.9787	0.979			N/A
2/4/2019	AUDSGD	11:30:00 AM					N/A
2/4/2019	AUDSGD	1:30:00 PM	0.9776	0.9778			N/A
2/4/2019	AUDSGD	3:30:00 PM	0.9771	0.9773			N/A
2/5/2019	AUDSGD	9:30:00 AM	0.9813	0.9813			N/A
2/5/2019	AUDSGD	11:30:00 AM	0.9795	0.9797			N/A
2/5/2019	AUDSGD	1:30:00 PM	0.9801	0.9801			N/A

2/5/2019	AUDSGD	3:30:00 PM	0.9793	0.9794			N/A
2/6/2019	AUDSGD	9:30:00 AM	0.9666	0.9667			N/A
2/6/2019	AUDSGD	11:30:00 AM					N/A
2/6/2019	AUDSGD	1:30:00 PM	0.9658	0.966			N/A
2/6/2019	AUDSGD	3:30:00 PM	0.9653	0.9654			N/A
2/7/2019	AUDSGD	9:30:00 AM	0.9622	0.9625			N/A
2/7/2019	AUDSGD	11:30:00 AM	0.9629	0.9632			N/A
2/7/2019	AUDSGD	1:30:00 PM	0.9635	0.9637			N/A
2/7/2019	AUDSGD	3:30:00 PM	0.9641	0.9643			N/A
2/8/2019	AUDSGD	9:30:00 AM	0.9605	0.9607			N/A
2/8/2019	AUDSGD	11:30:00 AM					N/A
2/8/2019	AUDSGD	1:30:00 PM	0.9605	0.9608			N/A
2/8/2019	AUDSGD	3:30:00 PM	0.9618	0.9617			N/A
2/11/2019	AUDSGD	9:30:00 AM	0.963	0.9632			N/A
2/11/2019	AUDSGD	11:30:00 AM	0.9623	0.9624			N/A
2/11/2019	AUDSGD	1:30:00 PM	0.9623	0.9624			N/A
2/11/2019	AUDSGD	3:30:00 PM	0.961	0.961			N/A
2/12/2019	AUDSGD	9:30:00 AM	0.9619	0.9621			N/A
2/12/2019	AUDSGD	11:30:00 AM					N/A
2/12/2019	AUDSGD	1:30:00 PM	0.9618	0.962			N/A
2/12/2019	AUDSGD	3:30:00 PM	0.9626	0.9629			N/A
2/13/2019	AUDSGD	9:30:00 AM	0.9654	0.9657			N/A
2/13/2019	AUDSGD	11:30:00 AM	0.9643	0.9646			N/A
2/13/2019	AUDSGD	1:30:00 PM	0.9643	0.9644			N/A
2/13/2019	AUDSGD	3:30:00 PM	0.965	0.9648			N/A
2/14/2019	AUDSGD	9:30:00 AM	0.9673	0.9675			N/A
2/14/2019	AUDSGD	11:30:00 AM					N/A
2/14/2019	AUDSGD	1:30:00 PM	0.965	0.965			N/A
2/14/2019	AUDSGD	3:30:00 PM	0.9665	0.9663			N/A
2/15/2019	AUDSGD	9:30:00 AM					N/A
2/15/2019	AUDSGD	11:30:00 AM					N/A
2/15/2019	AUDSGD	1:30:00 PM					N/A
2/15/2019	AUDSGD	3:30:00 PM					N/A
2/18/2019	AUDSGD	9:30:00 AM	0.9696	0.9699			N/A
2/18/2019	AUDSGD	11:30:00 AM					N/A
2/18/2019	AUDSGD	1:30:00 PM	0.9695	0.9696			N/A
2/18/2019	AUDSGD	3:30:00 PM	0.9705	0.9708			N/A
2/19/2019	AUDSGD	9:30:00 AM	0.9661	0.9663			N/A
2/19/2019	AUDSGD	11:30:00 AM	0.9643	0.9645			N/A
2/19/2019	AUDSGD	1:30:00 PM	0.9645	0.9648			N/A
2/19/2019	AUDSGD	3:30:00 PM	0.9649	0.9651			N/A
2/20/2019	AUDSGD	9:30:00 AM	0.9688	0.9691			N/A
2/20/2019	AUDSGD	11:30:00 AM					N/A
2/20/2019	AUDSGD	1:30:00 PM	0.9667	0.9668			N/A
2/20/2019	AUDSGD	3:30:00 PM	0.9672	0.9674			N/A
2/21/2019	AUDSGD	9:30:00 AM	0.9631	0.9622			N/A
2/21/2019	AUDSGD	11:30:00 AM	0.9614	0.9615			N/A
2/21/2019	AUDSGD	1:30:00 PM	0.9615	0.9617			N/A
2/21/2019	AUDSGD	3:30:00 PM	0.9614	0.9614			N/A
2/22/2019	AUDSGD	9:30:00 AM	0.9625	0.9625			N/A

2/22/2019	AUDSGD	11:30:00 AM					N/A
2/22/2019	AUDSGD	1:30:00 PM	0.9617	0.9619			N/A
2/22/2019	AUDSGD	3:30:00 PM	0.9635	0.9636			N/A
2/25/2019	AUDSGD	9:30:00 AM	0.9656	0.9657			N/A
2/25/2019	AUDSGD	11:30:00 AM	0.9668	0.9671			N/A
2/25/2019	AUDSGD	1:30:00 PM	0.9681	0.9683			N/A
2/25/2019	AUDSGD	3:30:00 PM	0.9674	0.9677			N/A
2/26/2019	AUDSGD	9:30:00 AM	0.9659	0.9662			N/A
2/26/2019	AUDSGD	11:30:00 AM					N/A
2/26/2019	AUDSGD	1:30:00 PM	0.9648	0.9651			N/A
2/26/2019	AUDSGD	3:30:00 PM	0.965	0.9651			N/A
2/27/2019	AUDSGD	9:30:00 AM	0.968	0.9682			N/A
2/27/2019	AUDSGD	11:30:00 AM	0.966	0.9663			N/A
2/27/2019	AUDSGD	1:30:00 PM	0.9654	0.9656			N/A
2/27/2019	AUDSGD	3:30:00 PM	0.9641	0.9643			N/A
2/28/2019	AUDSGD	9:30:00 AM	0.9624	0.9623			N/A
2/28/2019	AUDSGD	11:30:00 AM					N/A
2/28/2019	AUDSGD	1:30:00 PM	0.9627	0.9629			N/A
2/28/2019	AUDSGD	3:30:00 PM	0.9623	0.9617			N/A
3/1/2019	AUDSGD	9:30:00 AM	0.9597	0.9598			N/A
3/1/2019	AUDSGD	11:30:00 AM	0.9598	0.9599			N/A
3/1/2019	AUDSGD	1:30:00 PM	0.9613	0.9615			N/A
3/1/2019	AUDSGD	3:30:00 PM	0.9614	0.9616			N/A
3/4/2019	AUDSGD	9:30:00 AM	0.9593	0.9596			N/A
3/4/2019	AUDSGD	11:30:00 AM					N/A
3/4/2019	AUDSGD	1:30:00 PM	0.9596	0.9598			N/A
3/4/2019	AUDSGD	3:30:00 PM	0.9606	0.9609			N/A
3/5/2019	AUDSGD	9:30:00 AM	0.9589	0.9591			N/A
3/5/2019	AUDSGD	11:30:00 AM	0.9591	0.9592			N/A
3/5/2019	AUDSGD	1:30:00 PM	0.9592	0.9595			N/A
3/5/2019	AUDSGD	3:30:00 PM	0.9589	0.959			N/A
3/6/2019	AUDSGD	9:30:00 AM	0.9544	0.9545			N/A
3/6/2019	AUDSGD	11:30:00 AM					N/A
3/6/2019	AUDSGD	1:30:00 PM	0.9543	0.9545			N/A
3/6/2019	AUDSGD	3:30:00 PM	0.9544	0.9546			N/A
3/7/2019	AUDSGD	9:30:00 AM	0.9554	0.9556			N/A
3/7/2019	AUDSGD	11:30:00 AM	0.9555	0.9557			N/A
3/7/2019	AUDSGD	1:30:00 PM	0.9561	0.9563			N/A
3/7/2019	AUDSGD	3:30:00 PM	0.9558	0.9559			N/A
3/8/2019	AUDSGD	9:30:00 AM	0.9527	0.9529			N/A
3/8/2019	AUDSGD	11:30:00 AM					N/A
3/8/2019	AUDSGD	1:30:00 PM	0.9553	0.9556			N/A
3/8/2019	AUDSGD	3:30:00 PM	0.9576	0.9564			N/A
3/11/2019	AUDSGD	9:30:00 AM	0.957	0.9572			N/A
3/11/2019	AUDSGD	11:30:00 AM	0.9578	0.9581			N/A
3/11/2019	AUDSGD	1:30:00 PM	0.9579	0.9581			N/A
3/11/2019	AUDSGD	3:30:00 PM	0.9594	0.9593			N/A
3/12/2019	AUDSGD	9:30:00 AM	0.959	0.9592			N/A
3/12/2019	AUDSGD	11:30:00 AM					N/A
3/12/2019	AUDSGD	1:30:00 PM	0.9587	0.959			N/A

3/12/2019	AUDSGD	3:30:00 PM	0.9602	0.9605			N/A
3/13/2019	AUDSGD	9:30:00 AM	0.9566	0.9568			N/A
3/13/2019	AUDSGD	11:30:00 AM	0.9581	0.9584			N/A
3/13/2019	AUDSGD	1:30:00 PM	0.9574	0.9577			N/A
3/13/2019	AUDSGD	3:30:00 PM	0.9574	0.9576			N/A
3/14/2019	AUDSGD	9:30:00 AM	0.9573	0.9575			N/A
3/14/2019	AUDSGD	11:30:00 AM					N/A
3/14/2019	AUDSGD	1:30:00 PM	0.9557	0.9556			N/A
3/14/2019	AUDSGD	3:30:00 PM	0.9559	0.9562			N/A
3/15/2019	AUDSGD	9:30:00 AM	0.96	0.9603			N/A
3/15/2019	AUDSGD	11:30:00 AM	0.9591	0.9594			N/A
3/15/2019	AUDSGD	1:30:00 PM	0.9581	0.9584			N/A
3/15/2019	AUDSGD	3:30:00 PM	0.9582	0.9583			N/A
3/18/2019	AUDSGD	9:30:00 AM	0.9616	0.9617			N/A
3/18/2019	AUDSGD	11:30:00 AM					N/A
3/18/2019	AUDSGD	1:30:00 PM	0.9608	0.9611			N/A
3/18/2019	AUDSGD	3:30:00 PM	0.9592	0.9594			N/A
3/19/2019	AUDSGD	9:30:00 AM	0.9586	0.9588			N/A
3/19/2019	AUDSGD	11:30:00 AM	0.9587	0.959			N/A
3/19/2019	AUDSGD	1:30:00 PM	0.9587	0.9589			N/A
3/19/2019	AUDSGD	3:30:00 PM	0.9594	0.9595			N/A
3/20/2019	AUDSGD	9:30:00 AM	0.9574	0.9576			N/A
3/20/2019	AUDSGD	11:30:00 AM					N/A
3/20/2019	AUDSGD	1:30:00 PM	0.9573	0.9574			N/A
3/20/2019	AUDSGD	3:30:00 PM	0.9584	0.9586			N/A
3/21/2019	AUDSGD	9:30:00 AM	0.9633	0.9634			N/A
3/21/2019	AUDSGD	11:30:00 AM	0.962	0.9623			N/A
3/21/2019	AUDSGD	1:30:00 PM	0.961	0.9613			N/A
3/21/2019	AUDSGD	3:30:00 PM	0.9604	0.9606			N/A
3/22/2019	AUDSGD	9:30:00 AM	0.9592	0.9595			N/A
3/22/2019	AUDSGD	11:30:00 AM					N/A
3/22/2019	AUDSGD	1:30:00 PM	0.958	0.958			N/A
3/22/2019	AUDSGD	3:30:00 PM	0.9589	0.9592			N/A
3/25/2019	AUDSGD	9:30:00 AM	0.9569	0.9571			N/A
3/25/2019	AUDSGD	11:30:00 AM	0.9581	0.9584			N/A
3/25/2019	AUDSGD	1:30:00 PM	0.9581	0.9584			N/A
3/25/2019	AUDSGD	3:30:00 PM	0.9589	0.9591			N/A
3/26/2019	AUDSGD	9:30:00 AM	0.9615	0.9618			N/A
3/26/2019	AUDSGD	11:30:00 AM					N/A
3/26/2019	AUDSGD	1:30:00 PM	0.9622	0.9624			N/A
3/26/2019	AUDSGD	3:30:00 PM	0.9635	0.9637			N/A
3/27/2019	AUDSGD	9:30:00 AM	0.9609	0.9612			N/A
3/27/2019	AUDSGD	11:30:00 AM	0.9616	0.9618			N/A
3/27/2019	AUDSGD	1:30:00 PM	0.9609	0.9611			N/A
3/27/2019	AUDSGD	3:30:00 PM	0.9606	0.9607			N/A
3/28/2019	AUDSGD	9:30:00 AM	0.9622	0.9622			N/A
3/28/2019	AUDSGD	11:30:00 AM					N/A
3/28/2019	AUDSGD	1:30:00 PM	0.9606	0.9608			N/A
3/28/2019	AUDSGD	3:30:00 PM	0.9609	0.9609			N/A
3/29/2019	AUDSGD	9:30:00 AM	0.9612	0.9615			N/A

3/29/2019	AUDSGD	11:30:00 AM	0.9603	0.9604			N/A
3/29/2019	AUDSGD	1:30:00 PM	0.9604	0.9608			N/A
3/29/2019	AUDSGD	3:30:00 PM	0.961	0.9611			N/A
1/1/2019	AUDUSD	9:30:00 AM					N/A
1/1/2019	AUDUSD	11:30:00 AM					N/A
1/1/2019	AUDUSD	1:30:00 PM					N/A
1/1/2019	AUDUSD	3:30:00 PM					N/A
1/2/2019	AUDUSD	9:30:00 AM					N/A
1/2/2019	AUDUSD	11:30:00 AM					N/A
1/2/2019	AUDUSD	1:30:00 PM					N/A
1/2/2019	AUDUSD	3:30:00 PM					N/A
1/3/2019	AUDUSD	9:30:00 AM					N/A
1/3/2019	AUDUSD	11:30:00 AM					N/A
1/3/2019	AUDUSD	1:30:00 PM					N/A
1/3/2019	AUDUSD	3:30:00 PM					N/A
1/4/2019	AUDUSD	9:30:00 AM					N/A
1/4/2019	AUDUSD	11:30:00 AM					N/A
1/4/2019	AUDUSD	1:30:00 PM					N/A
1/4/2019	AUDUSD	3:30:00 PM			2	2	N/A
1/7/2019	AUDUSD	9:30:00 AM	0.71249	0.71233	1	1	N/A
1/7/2019	AUDUSD	11:30:00 AM					N/A
1/7/2019	AUDUSD	1:30:00 PM	0.71242	0.71245			N/A
1/7/2019	AUDUSD	3:30:00 PM	0.71394	0.71396			N/A
1/8/2019	AUDUSD	9:30:00 AM	0.7126	0.71257			N/A
1/8/2019	AUDUSD	11:30:00 AM	0.71374	0.71367			N/A
1/8/2019	AUDUSD	1:30:00 PM	0.7129	0.71298			N/A
1/8/2019	AUDUSD	3:30:00 PM	0.71315	0.71322			N/A
1/9/2019	AUDUSD	9:30:00 AM	0.71558	0.71565			N/A
1/9/2019	AUDUSD	11:30:00 AM					N/A
1/9/2019	AUDUSD	1:30:00 PM	0.71624	0.7162			N/A
1/9/2019	AUDUSD	3:30:00 PM	0.71673	0.71684			N/A
1/10/2019	AUDUSD	9:30:00 AM	0.71849	0.71849			N/A
1/10/2019	AUDUSD	11:30:00 AM	0.71791	0.71786			N/A
1/10/2019	AUDUSD	1:30:00 PM	0.71854	0.71863			N/A
1/10/2019	AUDUSD	3:30:00 PM	0.71919	0.71925			N/A
1/11/2019	AUDUSD	9:30:00 AM	0.72146	0.72133			N/A
1/11/2019	AUDUSD	11:30:00 AM					N/A
1/11/2019	AUDUSD	1:30:00 PM	0.72288	0.72268			N/A
1/11/2019	AUDUSD	3:30:00 PM	0.72263	0.72205			N/A
1/14/2019	AUDUSD	9:30:00 AM	0.71834	0.71836			N/A
1/14/2019	AUDUSD	11:30:00 AM	0.71955	0.71956			N/A
1/14/2019	AUDUSD	1:30:00 PM	0.7196	0.71956			N/A
1/14/2019	AUDUSD	3:30:00 PM	0.71932	0.71933			N/A
1/15/2019	AUDUSD	9:30:00 AM	0.722	0.72208			N/A
1/15/2019	AUDUSD	11:30:00 AM					N/A
1/15/2019	AUDUSD	1:30:00 PM	0.72034	0.72035			N/A
1/15/2019	AUDUSD	3:30:00 PM	0.71957	0.71945			N/A
1/16/2019	AUDUSD	9:30:00 AM	0.72074	0.72081			N/A
1/16/2019	AUDUSD	11:30:00 AM	0.71923	0.71934			N/A
1/16/2019	AUDUSD	1:30:00 PM	0.71723	0.71724			N/A

1/16/2019	AUDUSD	3:30:00 PM	0.7174	0.71749			N/A
1/17/2019	AUDUSD	9:30:00 AM	0.71499	0.7151			N/A
1/17/2019	AUDUSD	11:30:00 AM					N/A
1/17/2019	AUDUSD	1:30:00 PM	0.71664	0.71669			N/A
1/17/2019	AUDUSD	3:30:00 PM	0.71655	0.71644			N/A
1/18/2019	AUDUSD	9:30:00 AM	0.71923	0.71932			N/A
1/18/2019	AUDUSD	11:30:00 AM	0.71769	0.71777			N/A
1/18/2019	AUDUSD	1:30:00 PM	0.71904	0.71921			N/A
1/18/2019	AUDUSD	3:30:00 PM	0.71964	0.71944			N/A
1/21/2019	AUDUSD	9:30:00 AM	0.717	0.71708			N/A
1/21/2019	AUDUSD	11:30:00 AM					N/A
1/21/2019	AUDUSD	1:30:00 PM	0.71571	0.71565			N/A
1/21/2019	AUDUSD	3:30:00 PM	0.71467	0.71465			N/A
1/22/2019	AUDUSD	9:30:00 AM	0.71308	0.7128			N/A
1/22/2019	AUDUSD	11:30:00 AM	0.71235	0.71245			N/A
1/22/2019	AUDUSD	1:30:00 PM	0.71233	0.71238			N/A
1/22/2019	AUDUSD	3:30:00 PM	0.71291	0.71296			N/A
1/23/2019	AUDUSD	9:30:00 AM	0.71336	0.71332			N/A
1/23/2019	AUDUSD	11:30:00 AM					N/A
1/23/2019	AUDUSD	1:30:00 PM	0.71362	0.71377			N/A
1/23/2019	AUDUSD	3:30:00 PM	0.71295	0.71298			N/A
1/24/2019	AUDUSD	9:30:00 AM	0.70972	0.70977			N/A
1/24/2019	AUDUSD	11:30:00 AM	0.70953	0.70952			N/A
1/24/2019	AUDUSD	1:30:00 PM	0.70954	0.70963			N/A
1/24/2019	AUDUSD	3:30:00 PM	0.71009	0.71015			N/A
1/25/2019	AUDUSD	9:30:00 AM	0.71	0.70997			N/A
1/25/2019	AUDUSD	11:30:00 AM					N/A
1/25/2019	AUDUSD	1:30:00 PM	0.71107	0.71108			N/A
1/25/2019	AUDUSD	3:30:00 PM	0.71247	0.71257			N/A
1/28/2019	AUDUSD	9:30:00 AM	0.71913	0.71904			N/A
1/28/2019	AUDUSD	11:30:00 AM	0.71821	0.71822			N/A
1/28/2019	AUDUSD	1:30:00 PM	0.71823	0.71824			N/A
1/28/2019	AUDUSD	3:30:00 PM	0.71734	0.71752			N/A
1/29/2019	AUDUSD	9:30:00 AM	0.7165	0.71662			N/A
1/29/2019	AUDUSD	11:30:00 AM					N/A
1/29/2019	AUDUSD	1:30:00 PM	0.71598	0.71613			N/A
1/29/2019	AUDUSD	3:30:00 PM	0.71599	0.7161			N/A
1/30/2019	AUDUSD	9:30:00 AM	0.71935	0.71934			N/A
1/30/2019	AUDUSD	11:30:00 AM	0.71954	0.71967			N/A
1/30/2019	AUDUSD	1:30:00 PM	0.72006	0.7202			N/A
1/30/2019	AUDUSD	3:30:00 PM	0.71872	0.71883			N/A
1/31/2019	AUDUSD	9:30:00 AM	0.72745	0.72738		1	N/A
1/31/2019	AUDUSD	11:30:00 AM					N/A
1/31/2019	AUDUSD	1:30:00 PM	0.7276	0.72773			N/A
1/31/2019	AUDUSD	3:30:00 PM	0.72815	0.72783			N/A
2/1/2019	AUDUSD	9:30:00 AM	0.72421	0.72433			N/A
2/1/2019	AUDUSD	11:30:00 AM	0.7253	0.72537			N/A
2/1/2019	AUDUSD	1:30:00 PM	0.72607	0.72623			N/A
2/1/2019	AUDUSD	3:30:00 PM	0.72761	0.726			N/A
2/4/2019	AUDUSD	9:30:00 AM	0.72344	0.72351			N/A

2/4/2019	AUDUSD	11:30:00 AM					N/A
2/4/2019	AUDUSD	1:30:00 PM	0.72273	0.72278			N/A
2/4/2019	AUDUSD	3:30:00 PM	0.72226	0.72224			N/A
2/5/2019	AUDUSD	9:30:00 AM	0.72618	0.72615			N/A
2/5/2019	AUDUSD	11:30:00 AM	0.72416	0.72419			N/A
2/5/2019	AUDUSD	1:30:00 PM	0.72459	0.72447			N/A
2/5/2019	AUDUSD	3:30:00 PM	0.72444	0.72434			N/A
2/6/2019	AUDUSD	9:30:00 AM	0.71391	0.71388			N/A
2/6/2019	AUDUSD	11:30:00 AM					N/A
2/6/2019	AUDUSD	1:30:00 PM	0.71335	0.71343			N/A
2/6/2019	AUDUSD	3:30:00 PM	0.71309	0.71307			N/A
2/7/2019	AUDUSD	9:30:00 AM	0.70999	0.71009			N/A
2/7/2019	AUDUSD	11:30:00 AM	0.70997	0.7101			N/A
2/7/2019	AUDUSD	1:30:00 PM	0.71012	0.71022			N/A
2/7/2019	AUDUSD	3:30:00 PM	0.71081	0.71087			N/A
2/8/2019	AUDUSD	9:30:00 AM	0.70821	0.70822			N/A
2/8/2019	AUDUSD	11:30:00 AM					N/A
2/8/2019	AUDUSD	1:30:00 PM	0.70846	0.70861			N/A
2/8/2019	AUDUSD	3:30:00 PM	0.70986	0.70958			N/A
2/11/2019	AUDUSD	9:30:00 AM	0.71	0.71006			N/A
2/11/2019	AUDUSD	11:30:00 AM	0.70875	0.70865			N/A
2/11/2019	AUDUSD	1:30:00 PM	0.70869	0.70867			N/A
2/11/2019	AUDUSD	3:30:00 PM	0.70742	0.70727			N/A
2/12/2019	AUDUSD	9:30:00 AM	0.70811	0.70815			N/A
2/12/2019	AUDUSD	11:30:00 AM					N/A
2/12/2019	AUDUSD	1:30:00 PM	0.70847	0.70847			N/A
2/12/2019	AUDUSD	3:30:00 PM	0.70914	0.70921			N/A
2/13/2019	AUDUSD	9:30:00 AM	0.71237	0.71247			N/A
2/13/2019	AUDUSD	11:30:00 AM	0.71137	0.71147			N/A
2/13/2019	AUDUSD	1:30:00 PM	0.71125	0.71141			N/A
2/13/2019	AUDUSD	3:30:00 PM	0.71121	0.71078	300	300	N/A
2/14/2019	AUDUSD	9:30:00 AM	0.71305	0.71306			N/A
2/14/2019	AUDUSD	11:30:00 AM					N/A
2/14/2019	AUDUSD	1:30:00 PM	0.71047	0.71055			N/A
2/14/2019	AUDUSD	3:30:00 PM	0.71167	0.71122		2000	N/A
2/15/2019	AUDUSD	9:30:00 AM					N/A
2/15/2019	AUDUSD	11:30:00 AM					N/A
2/15/2019	AUDUSD	1:30:00 PM					N/A
2/15/2019	AUDUSD	3:30:00 PM					N/A
2/18/2019	AUDUSD	9:30:00 AM	0.71538	0.71549			N/A
2/18/2019	AUDUSD	11:30:00 AM					N/A
2/18/2019	AUDUSD	1:30:00 PM	0.71519	0.71531			N/A
2/18/2019	AUDUSD	3:30:00 PM	0.71584	0.71591			N/A
2/19/2019	AUDUSD	9:30:00 AM	0.71188	0.71195			N/A
2/19/2019	AUDUSD	11:30:00 AM	0.71082	0.71084			N/A
2/19/2019	AUDUSD	1:30:00 PM	0.71084	0.71093			N/A
2/19/2019	AUDUSD	3:30:00 PM	0.71128	0.71131			N/A
2/20/2019	AUDUSD	9:30:00 AM	0.71637	0.71636			N/A
2/20/2019	AUDUSD	11:30:00 AM					N/A
2/20/2019	AUDUSD	1:30:00 PM	0.71515	0.71527			N/A

2/20/2019	AUDUSD	3:30:00 PM	0.7155	0.71553			N/A
2/21/2019	AUDUSD	9:30:00 AM	0.71237	0.71143		100	N/A
2/21/2019	AUDUSD	11:30:00 AM	0.71061	0.71046			N/A
2/21/2019	AUDUSD	1:30:00 PM	0.71077	0.7108			N/A
2/21/2019	AUDUSD	3:30:00 PM	0.71133	0.71095			N/A
2/22/2019	AUDUSD	9:30:00 AM	0.71158	0.71146			N/A
2/22/2019	AUDUSD	11:30:00 AM					N/A
2/22/2019	AUDUSD	1:30:00 PM	0.71116	0.71124			N/A
2/22/2019	AUDUSD	3:30:00 PM	0.71254	0.71253			N/A
2/25/2019	AUDUSD	9:30:00 AM	0.71497	0.71495			N/A
2/25/2019	AUDUSD	11:30:00 AM	0.71623	0.71635			N/A
2/25/2019	AUDUSD	1:30:00 PM	0.71771	0.71777			N/A
2/25/2019	AUDUSD	3:30:00 PM	0.7168	0.7168			N/A
2/26/2019	AUDUSD	9:30:00 AM	0.71576	0.71584			N/A
2/26/2019	AUDUSD	11:30:00 AM					N/A
2/26/2019	AUDUSD	1:30:00 PM	0.71493	0.71496			N/A
2/26/2019	AUDUSD	3:30:00 PM	0.7153	0.71502			N/A
2/27/2019	AUDUSD	9:30:00 AM	0.71814	0.71817			N/A
2/27/2019	AUDUSD	11:30:00 AM	0.71701	0.71705			N/A
2/27/2019	AUDUSD	1:30:00 PM	0.71649	0.71652			N/A
2/27/2019	AUDUSD	3:30:00 PM	0.71533	0.71537			N/A
2/28/2019	AUDUSD	9:30:00 AM	0.71346	0.71324			N/A
2/28/2019	AUDUSD	11:30:00 AM					N/A
2/28/2019	AUDUSD	1:30:00 PM	0.71404	0.71409			N/A
2/28/2019	AUDUSD	3:30:00 PM	0.71354	0.71292			N/A
3/1/2019	AUDUSD	9:30:00 AM	0.70957	0.70966			N/A
3/1/2019	AUDUSD	11:30:00 AM	0.70949	0.70952			N/A
3/1/2019	AUDUSD	1:30:00 PM	0.71083	0.71091			N/A
3/1/2019	AUDUSD	3:30:00 PM	0.71074	0.71075			N/A
3/4/2019	AUDUSD	9:30:00 AM	0.70875	0.70885			N/A
3/4/2019	AUDUSD	11:30:00 AM					N/A
3/4/2019	AUDUSD	1:30:00 PM	0.70831	0.70838			N/A
3/4/2019	AUDUSD	3:30:00 PM	0.70927	0.70939			N/A
3/5/2019	AUDUSD	9:30:00 AM	0.70772	0.70781			N/A
3/5/2019	AUDUSD	11:30:00 AM	0.70802	0.70814			N/A
3/5/2019	AUDUSD	1:30:00 PM	0.70784	0.70798			N/A
3/5/2019	AUDUSD	3:30:00 PM	0.70732	0.70726			N/A
3/6/2019	AUDUSD	9:30:00 AM	0.70318	0.7031			N/A
3/6/2019	AUDUSD	11:30:00 AM					N/A
3/6/2019	AUDUSD	1:30:00 PM	0.7029	0.70299		1000	N/A
3/6/2019	AUDUSD	3:30:00 PM	0.70286	0.70296			N/A
3/7/2019	AUDUSD	9:30:00 AM	0.70416	0.70415			N/A
3/7/2019	AUDUSD	11:30:00 AM	0.70411	0.70427			N/A
3/7/2019	AUDUSD	1:30:00 PM	0.70457	0.70467			N/A
3/7/2019	AUDUSD	3:30:00 PM	0.70377	0.70374			N/A
3/8/2019	AUDUSD	9:30:00 AM	0.70064	0.7007			N/A
3/8/2019	AUDUSD	11:30:00 AM					N/A
3/8/2019	AUDUSD	1:30:00 PM	0.70248	0.7026			N/A
3/8/2019	AUDUSD	3:30:00 PM	0.70501	0.70362		2	N/A
3/11/2019	AUDUSD	9:30:00 AM	0.7044	0.70438			N/A

3/11/2019	AUDUSD	11:30:00 AM	0.70495	0.70508			N/A
3/11/2019	AUDUSD	1:30:00 PM	0.70457	0.70467			N/A
3/11/2019	AUDUSD	3:30:00 PM	0.70631	0.70607			N/A
3/12/2019	AUDUSD	9:30:00 AM	0.70701	0.70705			N/A
3/12/2019	AUDUSD	11:30:00 AM					N/A
3/12/2019	AUDUSD	1:30:00 PM	0.70641	0.70656			N/A
3/12/2019	AUDUSD	3:30:00 PM	0.70818	0.70825			N/A
3/13/2019	AUDUSD	9:30:00 AM	0.7051	0.70518			N/A
3/13/2019	AUDUSD	11:30:00 AM	0.70685	0.707			N/A
3/13/2019	AUDUSD	1:30:00 PM	0.70607	0.70618			N/A
3/13/2019	AUDUSD	3:30:00 PM	0.70618	0.70622			N/A
3/14/2019	AUDUSD	9:30:00 AM	0.70662	0.70666			N/A
3/14/2019	AUDUSD	11:30:00 AM					N/A
3/14/2019	AUDUSD	1:30:00 PM	0.70475	0.70479			N/A
3/14/2019	AUDUSD	3:30:00 PM	0.7049	0.70492			N/A
3/15/2019	AUDUSD	9:30:00 AM	0.70893	0.70904			N/A
3/15/2019	AUDUSD	11:30:00 AM	0.70829	0.70838			N/A
3/15/2019	AUDUSD	1:30:00 PM	0.70756	0.70771			N/A
3/15/2019	AUDUSD	3:30:00 PM	0.70792	0.70778			N/A
3/18/2019	AUDUSD	9:30:00 AM	0.71167	0.71174			N/A
3/18/2019	AUDUSD	11:30:00 AM					N/A
3/18/2019	AUDUSD	1:30:00 PM	0.71111	0.71125			N/A
3/18/2019	AUDUSD	3:30:00 PM	0.70981	0.70979			N/A
3/19/2019	AUDUSD	9:30:00 AM	0.70946	0.70954			N/A
3/19/2019	AUDUSD	11:30:00 AM	0.70975	0.7099			N/A
3/19/2019	AUDUSD	1:30:00 PM	0.70979	0.70982			N/A
3/19/2019	AUDUSD	3:30:00 PM	0.71026	0.71015			N/A
3/20/2019	AUDUSD	9:30:00 AM	0.70828	0.70838			N/A
3/20/2019	AUDUSD	11:30:00 AM					N/A
3/20/2019	AUDUSD	1:30:00 PM	0.70887	0.70897			N/A
3/20/2019	AUDUSD	3:30:00 PM	0.70978	0.70985			N/A
3/21/2019	AUDUSD	9:30:00 AM	0.71572	0.71555			N/A
3/21/2019	AUDUSD	11:30:00 AM	0.71401	0.71412			N/A
3/21/2019	AUDUSD	1:30:00 PM	0.71288	0.71292			N/A
3/21/2019	AUDUSD	3:30:00 PM	0.7126	0.71257			N/A
3/22/2019	AUDUSD	9:30:00 AM	0.71118	0.71128			N/A
3/22/2019	AUDUSD	11:30:00 AM					N/A
3/22/2019	AUDUSD	1:30:00 PM	0.70916	0.70908			N/A
3/22/2019	AUDUSD	3:30:00 PM	0.70996	0.71011			N/A
3/25/2019	AUDUSD	9:30:00 AM	0.70819	0.70818			N/A
3/25/2019	AUDUSD	11:30:00 AM	0.70929	0.70937			N/A
3/25/2019	AUDUSD	1:30:00 PM	0.70923	0.70933			N/A
3/25/2019	AUDUSD	3:30:00 PM	0.71029	0.71035			N/A
3/26/2019	AUDUSD	9:30:00 AM	0.71228	0.71228			N/A
3/26/2019	AUDUSD	11:30:00 AM					N/A
3/26/2019	AUDUSD	1:30:00 PM	0.7126	0.71269			N/A
3/26/2019	AUDUSD	3:30:00 PM	0.71326	0.71327			N/A
3/27/2019	AUDUSD	9:30:00 AM	0.70967	0.70973			N/A
3/27/2019	AUDUSD	11:30:00 AM	0.7104	0.71043			N/A
3/27/2019	AUDUSD	1:30:00 PM	0.7097	0.70982			N/A

3/27/2019	AUDUSD	3:30:00 PM	0.70919	0.70901			N/A
3/28/2019	AUDUSD	9:30:00 AM	0.71048	0.71054			N/A
3/28/2019	AUDUSD	11:30:00 AM					N/A
3/28/2019	AUDUSD	1:30:00 PM	0.70822	0.70828			N/A
3/28/2019	AUDUSD	3:30:00 PM	0.70812	0.70814			N/A
3/29/2019	AUDUSD	9:30:00 AM	0.70987	0.70988			N/A
3/29/2019	AUDUSD	11:30:00 AM	0.70864	0.70874			N/A
3/29/2019	AUDUSD	1:30:00 PM	0.70887	0.709			N/A
3/29/2019	AUDUSD	3:30:00 PM	0.70952	0.70949			N/A
1/1/2019	AUDZAR	9:30:00 AM					N/A
1/1/2019	AUDZAR	11:30:00 AM					N/A
1/1/2019	AUDZAR	1:30:00 PM					N/A
1/1/2019	AUDZAR	3:30:00 PM					N/A
1/2/2019	AUDZAR	9:30:00 AM					N/A
1/2/2019	AUDZAR	11:30:00 AM					N/A
1/2/2019	AUDZAR	1:30:00 PM					N/A
1/2/2019	AUDZAR	3:30:00 PM					N/A
1/3/2019	AUDZAR	9:30:00 AM					N/A
1/3/2019	AUDZAR	11:30:00 AM					N/A
1/3/2019	AUDZAR	1:30:00 PM					N/A
1/3/2019	AUDZAR	3:30:00 PM					N/A
1/4/2019	AUDZAR	9:30:00 AM					N/A
1/4/2019	AUDZAR	11:30:00 AM					N/A
1/4/2019	AUDZAR	1:30:00 PM					N/A
1/4/2019	AUDZAR	3:30:00 PM					N/A
1/7/2019	AUDZAR	9:30:00 AM	9.9267	9.9389			N/A
1/7/2019	AUDZAR	11:30:00 AM					N/A
1/7/2019	AUDZAR	1:30:00 PM	9.9098	9.9252			N/A
1/7/2019	AUDZAR	3:30:00 PM	9.8771	9.8788			N/A
1/8/2019	AUDZAR	9:30:00 AM	9.9431	9.9494			N/A
1/8/2019	AUDZAR	11:30:00 AM	9.9427	9.9557			N/A
1/8/2019	AUDZAR	1:30:00 PM	9.9702	9.9779			N/A
1/8/2019	AUDZAR	3:30:00 PM	9.9665	9.9794			N/A
1/9/2019	AUDZAR	9:30:00 AM	9.9072	9.9218			N/A
1/9/2019	AUDZAR	11:30:00 AM					N/A
1/9/2019	AUDZAR	1:30:00 PM	10.0237	10.0341			N/A
1/9/2019	AUDZAR	3:30:00 PM	9.9969	10.0077			N/A
1/10/2019	AUDZAR	9:30:00 AM	9.9603	9.9714			N/A
1/10/2019	AUDZAR	11:30:00 AM	9.9947	10.0042			N/A
1/10/2019	AUDZAR	1:30:00 PM	9.959	9.9677			N/A
1/10/2019	AUDZAR	3:30:00 PM	9.953	9.956			N/A
1/11/2019	AUDZAR	9:30:00 AM	9.9686	9.9797			N/A
1/11/2019	AUDZAR	11:30:00 AM					N/A
1/11/2019	AUDZAR	1:30:00 PM	9.9796	9.9891			N/A
1/11/2019	AUDZAR	3:30:00 PM	9.9809	9.9912			N/A
1/14/2019	AUDZAR	9:30:00 AM	10.0076	10.0139			N/A
1/14/2019	AUDZAR	11:30:00 AM	9.9987	10.0101			N/A
1/14/2019	AUDZAR	1:30:00 PM	9.9982	10.0126			N/A
1/14/2019	AUDZAR	3:30:00 PM	9.9681	9.9819			N/A
1/15/2019	AUDZAR	9:30:00 AM	9.9486	9.9605			N/A

1/15/2019	AUDZAR	11:30:00 AM					N/A
1/15/2019	AUDZAR	1:30:00 PM	9.9339	9.9485			N/A
1/15/2019	AUDZAR	3:30:00 PM	9.9256	9.932			N/A
1/16/2019	AUDZAR	9:30:00 AM	9.8766	9.8904			N/A
1/16/2019	AUDZAR	11:30:00 AM	9.8179	9.8303			N/A
1/16/2019	AUDZAR	1:30:00 PM	9.8204	9.8343			N/A
1/16/2019	AUDZAR	3:30:00 PM	9.8324	9.8448			N/A
1/17/2019	AUDZAR	9:30:00 AM	9.8139	9.8238			N/A
1/17/2019	AUDZAR	11:30:00 AM					N/A
1/17/2019	AUDZAR	1:30:00 PM	9.8173	9.832			N/A
1/17/2019	AUDZAR	3:30:00 PM	9.8593	9.8714			N/A
1/18/2019	AUDZAR	9:30:00 AM	9.8731	9.8825			N/A
1/18/2019	AUDZAR	11:30:00 AM	9.8941	9.9069			N/A
1/18/2019	AUDZAR	1:30:00 PM	9.9195	9.9352			N/A
1/18/2019	AUDZAR	3:30:00 PM	9.8972	9.9091			N/A
1/21/2019	AUDZAR	9:30:00 AM	9.9227	9.9373			N/A
1/21/2019	AUDZAR	11:30:00 AM					N/A
1/21/2019	AUDZAR	1:30:00 PM	9.9102	9.9246			N/A
1/21/2019	AUDZAR	3:30:00 PM	9.8952	9.9071			N/A
1/22/2019	AUDZAR	9:30:00 AM	9.9052	9.9166			N/A
1/22/2019	AUDZAR	11:30:00 AM	9.8956	9.9102			N/A
1/22/2019	AUDZAR	1:30:00 PM	9.9109	9.9233			N/A
1/22/2019	AUDZAR	3:30:00 PM	9.8872	9.898			N/A
1/23/2019	AUDZAR	9:30:00 AM	9.9224	9.9346			N/A
1/23/2019	AUDZAR	11:30:00 AM					N/A
1/23/2019	AUDZAR	1:30:00 PM	9.8778	9.8912			N/A
1/23/2019	AUDZAR	3:30:00 PM	9.8773	9.8899			N/A
1/24/2019	AUDZAR	9:30:00 AM	9.7983	9.8132			N/A
1/24/2019	AUDZAR	11:30:00 AM	9.7851	9.7987			N/A
1/24/2019	AUDZAR	1:30:00 PM	9.8005	9.8146			N/A
1/24/2019	AUDZAR	3:30:00 PM	9.7912	9.8048			N/A
1/25/2019	AUDZAR	9:30:00 AM	9.7008	9.7056			N/A
1/25/2019	AUDZAR	11:30:00 AM					N/A
1/25/2019	AUDZAR	1:30:00 PM	9.7285	9.7405			N/A
1/25/2019	AUDZAR	3:30:00 PM	9.7124	9.7248			N/A
1/28/2019	AUDZAR	9:30:00 AM	9.787	9.7924			N/A
1/28/2019	AUDZAR	11:30:00 AM	9.7782	9.7932			N/A
1/28/2019	AUDZAR	1:30:00 PM	9.7799	9.7936			N/A
1/28/2019	AUDZAR	3:30:00 PM	9.7906	9.8003			N/A
1/29/2019	AUDZAR	9:30:00 AM	9.7941	9.8032			N/A
1/29/2019	AUDZAR	11:30:00 AM					N/A
1/29/2019	AUDZAR	1:30:00 PM	9.7625	9.7784			N/A
1/29/2019	AUDZAR	3:30:00 PM	9.741	9.7564			N/A
1/30/2019	AUDZAR	9:30:00 AM	9.7647	9.7793			N/A
1/30/2019	AUDZAR	11:30:00 AM	9.7715	9.7814			N/A
1/30/2019	AUDZAR	1:30:00 PM	9.7831	9.7953			N/A
1/30/2019	AUDZAR	3:30:00 PM	9.7834	9.7919			N/A
1/31/2019	AUDZAR	9:30:00 AM	9.7026	9.7101			N/A
1/31/2019	AUDZAR	11:30:00 AM					N/A
1/31/2019	AUDZAR	1:30:00 PM	9.6847	9.6942			N/A

1/31/2019	AUDZAR	3:30:00 PM	9.6418	9.6543			N/A
2/1/2019	AUDZAR	9:30:00 AM	9.6459	9.6582			N/A
2/1/2019	AUDZAR	11:30:00 AM	9.6289	9.6357			N/A
2/1/2019	AUDZAR	1:30:00 PM	9.6272	9.643			N/A
2/1/2019	AUDZAR	3:30:00 PM	9.6643	9.6748			N/A
2/4/2019	AUDZAR	9:30:00 AM	9.6568	9.6688			N/A
2/4/2019	AUDZAR	11:30:00 AM					N/A
2/4/2019	AUDZAR	1:30:00 PM	9.6532	9.6679			N/A
2/4/2019	AUDZAR	3:30:00 PM	9.6695	9.6809			N/A
2/5/2019	AUDZAR	9:30:00 AM	9.7228	9.7336			N/A
2/5/2019	AUDZAR	11:30:00 AM	9.6685	9.6761			N/A
2/5/2019	AUDZAR	1:30:00 PM	9.6846	9.6987			N/A
2/5/2019	AUDZAR	3:30:00 PM	9.6722	9.6829			N/A
2/6/2019	AUDZAR	9:30:00 AM	9.5936	9.6066			N/A
2/6/2019	AUDZAR	11:30:00 AM					N/A
2/6/2019	AUDZAR	1:30:00 PM	9.6017	9.617			N/A
2/6/2019	AUDZAR	3:30:00 PM	9.5947	9.6079			N/A
2/7/2019	AUDZAR	9:30:00 AM	9.6244	9.638			N/A
2/7/2019	AUDZAR	11:30:00 AM	9.635	9.651			N/A
2/7/2019	AUDZAR	1:30:00 PM	9.663	9.6778			N/A
2/7/2019	AUDZAR	3:30:00 PM	9.6681	9.6726			N/A
2/8/2019	AUDZAR	9:30:00 AM	9.6766	9.6905			N/A
2/8/2019	AUDZAR	11:30:00 AM					N/A
2/8/2019	AUDZAR	1:30:00 PM	9.6428	9.6585			N/A
2/8/2019	AUDZAR	3:30:00 PM	9.6409	9.6509			N/A
2/11/2019	AUDZAR	9:30:00 AM	9.6418	9.6572			N/A
2/11/2019	AUDZAR	11:30:00 AM	9.6528	9.666			N/A
2/11/2019	AUDZAR	1:30:00 PM	9.7192	9.7308			N/A
2/11/2019	AUDZAR	3:30:00 PM	9.7094	9.7216			N/A
2/12/2019	AUDZAR	9:30:00 AM	9.7387	9.7535			N/A
2/12/2019	AUDZAR	11:30:00 AM					N/A
2/12/2019	AUDZAR	1:30:00 PM	9.7545	9.7695			N/A
2/12/2019	AUDZAR	3:30:00 PM	9.7455	9.7613			N/A
2/13/2019	AUDZAR	9:30:00 AM	9.7763	9.7897			N/A
2/13/2019	AUDZAR	11:30:00 AM	9.8037	9.8158			N/A
2/13/2019	AUDZAR	1:30:00 PM	9.8691	9.8809			N/A
2/13/2019	AUDZAR	3:30:00 PM	9.8572	9.8677			N/A
2/14/2019	AUDZAR	9:30:00 AM	9.9521	9.963			N/A
2/14/2019	AUDZAR	11:30:00 AM					N/A
2/14/2019	AUDZAR	1:30:00 PM	10.0051	10.0211			N/A
2/14/2019	AUDZAR	3:30:00 PM	10.0593	10.0747			N/A
2/15/2019	AUDZAR	9:30:00 AM					N/A
2/15/2019	AUDZAR	11:30:00 AM					N/A
2/15/2019	AUDZAR	1:30:00 PM					N/A
2/15/2019	AUDZAR	3:30:00 PM					N/A
2/18/2019	AUDZAR	9:30:00 AM	10.0426	10.052			N/A
2/18/2019	AUDZAR	11:30:00 AM					N/A
2/18/2019	AUDZAR	1:30:00 PM	10.0528	10.0682			N/A
2/18/2019	AUDZAR	3:30:00 PM	10.0838	10.0985			N/A
2/19/2019	AUDZAR	9:30:00 AM	10.0521	10.0679			N/A

2/19/2019	AUDZAR	11:30:00 AM	10.0756	10.0885			N/A
2/19/2019	AUDZAR	1:30:00 PM	10.0672	10.082			N/A
2/19/2019	AUDZAR	3:30:00 PM	10.0672	10.0807			N/A
2/20/2019	AUDZAR	9:30:00 AM	10.0877	10.099			N/A
2/20/2019	AUDZAR	11:30:00 AM					N/A
2/20/2019	AUDZAR	1:30:00 PM	10.1057	10.1147			N/A
2/20/2019	AUDZAR	3:30:00 PM	10.0917	10.1013			N/A
2/21/2019	AUDZAR	9:30:00 AM	9.9293	9.9349			N/A
2/21/2019	AUDZAR	11:30:00 AM	9.8865	9.8987			N/A
2/21/2019	AUDZAR	1:30:00 PM	9.8783	9.8894			N/A
2/21/2019	AUDZAR	3:30:00 PM	9.9258	9.9389			N/A
2/22/2019	AUDZAR	9:30:00 AM	9.9232	9.9368			N/A
2/22/2019	AUDZAR	11:30:00 AM					N/A
2/22/2019	AUDZAR	1:30:00 PM	9.9455	9.9606			N/A
2/22/2019	AUDZAR	3:30:00 PM	9.9453	9.9594			N/A
2/25/2019	AUDZAR	9:30:00 AM	9.9343	9.9496			N/A
2/25/2019	AUDZAR	11:30:00 AM	9.9281	9.9421			N/A
2/25/2019	AUDZAR	1:30:00 PM	9.9322	9.9456			N/A
2/25/2019	AUDZAR	3:30:00 PM	9.9378	9.9492			N/A
2/26/2019	AUDZAR	9:30:00 AM	9.9102	9.921			N/A
2/26/2019	AUDZAR	11:30:00 AM					N/A
2/26/2019	AUDZAR	1:30:00 PM	9.9002	9.9146			N/A
2/26/2019	AUDZAR	3:30:00 PM	9.9025	9.9106			N/A
2/27/2019	AUDZAR	9:30:00 AM	9.9441	9.9509			N/A
2/27/2019	AUDZAR	11:30:00 AM	9.921	9.9339			N/A
2/27/2019	AUDZAR	1:30:00 PM	9.9176	9.9321			N/A
2/27/2019	AUDZAR	3:30:00 PM	9.9094	9.9201			N/A
2/28/2019	AUDZAR	9:30:00 AM	9.9459	9.9582			N/A
2/28/2019	AUDZAR	11:30:00 AM					N/A
2/28/2019	AUDZAR	1:30:00 PM	9.949	9.964			N/A
2/28/2019	AUDZAR	3:30:00 PM	9.9481	9.9578			N/A
3/1/2019	AUDZAR	9:30:00 AM	9.9848	9.9968			N/A
3/1/2019	AUDZAR	11:30:00 AM	10.0133	10.0254			N/A
3/1/2019	AUDZAR	1:30:00 PM	10.0138	10.0269			N/A
3/1/2019	AUDZAR	3:30:00 PM	10.0649	10.0764			N/A
3/4/2019	AUDZAR	9:30:00 AM	10.0254	10.0391			N/A
3/4/2019	AUDZAR	11:30:00 AM					N/A
3/4/2019	AUDZAR	1:30:00 PM	10.0781	10.0922			N/A
3/4/2019	AUDZAR	3:30:00 PM	10.0683	10.0773			N/A
3/5/2019	AUDZAR	9:30:00 AM	10.0468	10.0541			N/A
3/5/2019	AUDZAR	11:30:00 AM	10.0285	10.0169			N/A
3/5/2019	AUDZAR	1:30:00 PM	9.9989	10.012			N/A
3/5/2019	AUDZAR	3:30:00 PM	10.0134	10.0268			N/A
3/6/2019	AUDZAR	9:30:00 AM	9.9874	10.0026			N/A
3/6/2019	AUDZAR	11:30:00 AM					N/A
3/6/2019	AUDZAR	1:30:00 PM	9.9741	9.9895			N/A
3/6/2019	AUDZAR	3:30:00 PM	9.9702	9.9854			N/A
3/7/2019	AUDZAR	9:30:00 AM	10.0146	10.0303			N/A
3/7/2019	AUDZAR	11:30:00 AM	10.0654	10.0749			N/A
3/7/2019	AUDZAR	1:30:00 PM	10.0905	10.102			N/A

3/7/2019	AUDZAR	3:30:00 PM	10.0771	10.0896			N/A
3/8/2019	AUDZAR	9:30:00 AM	10.1994	10.2075			N/A
3/8/2019	AUDZAR	11:30:00 AM					N/A
3/8/2019	AUDZAR	1:30:00 PM	10.2009	10.2026			N/A
3/8/2019	AUDZAR	3:30:00 PM	10.2084	10.2221			N/A
3/11/2019	AUDZAR	9:30:00 AM	10.1464	10.1598			N/A
3/11/2019	AUDZAR	11:30:00 AM	10.122	10.1338			N/A
3/11/2019	AUDZAR	1:30:00 PM	10.1289	10.1428			N/A
3/11/2019	AUDZAR	3:30:00 PM	10.1251	10.1384			N/A
3/12/2019	AUDZAR	9:30:00 AM	10.1063	10.1193			N/A
3/12/2019	AUDZAR	11:30:00 AM					N/A
3/12/2019	AUDZAR	1:30:00 PM	10.0851	10.0987			N/A
3/12/2019	AUDZAR	3:30:00 PM	10.1052	10.1141			N/A
3/13/2019	AUDZAR	9:30:00 AM	10.117	10.13			N/A
3/13/2019	AUDZAR	11:30:00 AM	10.1257	10.1387			N/A
3/13/2019	AUDZAR	1:30:00 PM	10.1158	10.1298			N/A
3/13/2019	AUDZAR	3:30:00 PM	10.1088	10.1223			N/A
3/14/2019	AUDZAR	9:30:00 AM	10.1946	10.2046			N/A
3/14/2019	AUDZAR	11:30:00 AM					N/A
3/14/2019	AUDZAR	1:30:00 PM	10.1745	10.1878			N/A
3/14/2019	AUDZAR	3:30:00 PM	10.2016	10.2158			N/A
3/15/2019	AUDZAR	9:30:00 AM	10.2415	10.257			N/A
3/15/2019	AUDZAR	11:30:00 AM	10.2258	10.2376			N/A
3/15/2019	AUDZAR	1:30:00 PM	10.2109	10.2204			N/A
3/15/2019	AUDZAR	3:30:00 PM	10.2054	10.2164			N/A
3/18/2019	AUDZAR	9:30:00 AM	10.2556	10.2686			N/A
3/18/2019	AUDZAR	11:30:00 AM					N/A
3/18/2019	AUDZAR	1:30:00 PM	10.2377	10.2518			N/A
3/18/2019	AUDZAR	3:30:00 PM	10.2072	10.2197			N/A
3/19/2019	AUDZAR	9:30:00 AM	10.2445	10.2578			N/A
3/19/2019	AUDZAR	11:30:00 AM	10.1955	10.2098			N/A
3/19/2019	AUDZAR	1:30:00 PM	10.1994	10.2116			N/A
3/19/2019	AUDZAR	3:30:00 PM	10.2388	10.249			N/A
3/20/2019	AUDZAR	9:30:00 AM	10.2465	10.2624			N/A
3/20/2019	AUDZAR	11:30:00 AM					N/A
3/20/2019	AUDZAR	1:30:00 PM	10.2466	10.2607			N/A
3/20/2019	AUDZAR	3:30:00 PM	10.2155	10.2291			N/A
3/21/2019	AUDZAR	9:30:00 AM	10.1233	10.1317			N/A
3/21/2019	AUDZAR	11:30:00 AM	10.1171	10.131			N/A
3/21/2019	AUDZAR	1:30:00 PM	10.1278	10.1402			N/A
3/21/2019	AUDZAR	3:30:00 PM	10.1033	10.1142			N/A
3/22/2019	AUDZAR	9:30:00 AM	10.1015	10.114			N/A
3/22/2019	AUDZAR	11:30:00 AM					N/A
3/22/2019	AUDZAR	1:30:00 PM	10.1839	10.1977			N/A
3/22/2019	AUDZAR	3:30:00 PM	10.2028	10.2161			N/A
3/25/2019	AUDZAR	9:30:00 AM	10.2582	10.2579			N/A
3/25/2019	AUDZAR	11:30:00 AM	10.221	10.2328			N/A
3/25/2019	AUDZAR	1:30:00 PM	10.2473	10.253			N/A
3/25/2019	AUDZAR	3:30:00 PM	10.2241	10.2335			N/A
3/26/2019	AUDZAR	9:30:00 AM	10.2103	10.2219			N/A

3/26/2019	AUDZAR	11:30:00 AM					N/A
3/26/2019	AUDZAR	1:30:00 PM	10.2262	10.2402			N/A
3/26/2019	AUDZAR	3:30:00 PM	10.2548	10.2642			N/A
3/27/2019	AUDZAR	9:30:00 AM	10.2761	10.2856			N/A
3/27/2019	AUDZAR	11:30:00 AM	10.2683	10.2819			N/A
3/27/2019	AUDZAR	1:30:00 PM	10.373	10.374			N/A
3/27/2019	AUDZAR	3:30:00 PM	10.3433	10.352			N/A
3/28/2019	AUDZAR	9:30:00 AM	10.3612	10.3751			N/A
3/28/2019	AUDZAR	11:30:00 AM					N/A
3/28/2019	AUDZAR	1:30:00 PM	10.4148	10.4173			N/A
3/28/2019	AUDZAR	3:30:00 PM	10.3866	10.3965			N/A
3/29/2019	AUDZAR	9:30:00 AM	10.3296	10.3436			N/A
3/29/2019	AUDZAR	11:30:00 AM	10.3011	10.3135			N/A
3/29/2019	AUDZAR	1:30:00 PM	10.2655	10.2815			N/A
3/29/2019	AUDZAR	3:30:00 PM	10.2649	10.2767			N/A
1/1/2019	bchusd	9:30:00 AM					N/A
1/1/2019	bchusd	11:30:00 AM					N/A
1/1/2019	bchusd	1:30:00 PM					N/A
1/1/2019	bchusd	3:30:00 PM					N/A
1/2/2019	bchusd	9:30:00 AM					N/A
1/2/2019	bchusd	11:30:00 AM					N/A
1/2/2019	bchusd	1:30:00 PM					N/A
1/2/2019	bchusd	3:30:00 PM					N/A
1/3/2019	bchusd	9:30:00 AM					N/A
1/3/2019	bchusd	11:30:00 AM					N/A
1/3/2019	bchusd	1:30:00 PM					N/A
1/3/2019	bchusd	3:30:00 PM					N/A
1/3/2019	bchusd	1:30:00 PM					N/A
1/3/2019	bchusd	3:30:00 PM					N/A
1/4/2019	bchusd	9:30:00 AM					N/A
1/4/2019	bchusd	11:30:00 AM					N/A
1/4/2019	bchusd	1:30:00 PM					N/A
1/4/2019	bchusd	3:30:00 PM					N/A
1/7/2019	bchusd	9:30:00 AM					N/A
1/7/2019	bchusd	11:30:00 AM					N/A
1/7/2019	bchusd	1:30:00 PM					N/A
1/7/2019	bchusd	3:30:00 PM					N/A
1/8/2019	bchusd	9:30:00 AM					N/A
1/8/2019	bchusd	11:30:00 AM					N/A
1/8/2019	bchusd	1:30:00 PM					N/A
1/8/2019	bchusd	3:30:00 PM					N/A
1/9/2019	bchusd	9:30:00 AM					N/A
1/9/2019	bchusd	11:30:00 AM					N/A
1/9/2019	bchusd	1:30:00 PM					N/A
1/9/2019	bchusd	3:30:00 PM					N/A
1/10/2019	bchusd	9:30:00 AM					N/A
1/10/2019	bchusd	11:30:00 AM					N/A
1/10/2019	bchusd	1:30:00 PM					N/A
1/10/2019	bchusd	3:30:00 PM					N/A
1/11/2019	bchusd	9:30:00 AM					N/A
1/11/2019	bchusd	11:30:00 AM					N/A
1/11/2019	bchusd	1:30:00 PM					N/A

1/11/2019	bchusd	3:30:00 PM	123.06	135.01			N/A
1/14/2019	bchusd	9:30:00 AM					N/A
1/14/2019	bchusd	11:30:00 AM					N/A
1/14/2019	bchusd	1:30:00 PM	118.05	129.99			N/A
1/14/2019	bchusd	3:30:00 PM	117.85	129.85			N/A
1/15/2019	bchusd	9:30:00 AM					N/A
1/15/2019	bchusd	11:30:00 AM					N/A
1/15/2019	bchusd	1:30:00 PM					N/A
1/15/2019	bchusd	3:30:00 PM	123.64	135.64			N/A
1/16/2019	bchusd	9:30:00 AM					N/A
1/16/2019	bchusd	11:30:00 AM	126.08	138.05			N/A
1/16/2019	bchusd	1:30:00 PM	126.07	138.06			N/A
1/16/2019	bchusd	3:30:00 PM	125.92	137.79			N/A
1/17/2019	bchusd	9:30:00 AM	124.34	136.06			N/A
1/17/2019	bchusd	11:30:00 AM					N/A
1/17/2019	bchusd	1:30:00 PM	125.15	137			N/A
1/17/2019	bchusd	3:30:00 PM	126.59	138.47			N/A
1/18/2019	bchusd	9:30:00 AM	125.95	137.76			N/A
1/18/2019	bchusd	11:30:00 AM	125.91	137.79			N/A
1/18/2019	bchusd	1:30:00 PM					N/A
1/18/2019	bchusd	3:30:00 PM	125.38	137.3			N/A
1/21/2019	bchusd	9:30:00 AM	119.16	131.14			N/A
1/21/2019	bchusd	11:30:00 AM					N/A
1/21/2019	bchusd	1:30:00 PM	120.18	132.01			N/A
1/21/2019	bchusd	3:30:00 PM	120.95	132.65			N/A
1/22/2019	bchusd	9:30:00 AM	118.6	130.59			N/A
1/22/2019	bchusd	11:30:00 AM	118.74	130.66			N/A
1/22/2019	bchusd	1:30:00 PM	118.45	130.41			N/A
1/22/2019	bchusd	3:30:00 PM	119.28	131.19			N/A
1/23/2019	bchusd	9:30:00 AM	127.37	139.02			N/A
1/23/2019	bchusd	11:30:00 AM					N/A
1/23/2019	bchusd	1:30:00 PM	129.07	140.93			N/A
1/23/2019	bchusd	3:30:00 PM	128.3	140.2			N/A
1/24/2019	bchusd	9:30:00 AM	126.55	138.47			N/A
1/24/2019	bchusd	11:30:00 AM	125.45	137.26			N/A
1/24/2019	bchusd	1:30:00 PM	127.84	139.33			N/A
1/24/2019	bchusd	3:30:00 PM	126.99	138.98			N/A
1/25/2019	bchusd	9:30:00 AM	125.96	137.95			N/A
1/25/2019	bchusd	11:30:00 AM					N/A
1/25/2019	bchusd	1:30:00 PM	124.35	136.09			N/A
1/25/2019	bchusd	3:30:00 PM	125.05	136.94			N/A
1/28/2019	bchusd	9:30:00 AM	109.83	121.61			N/A
1/28/2019	bchusd	11:30:00 AM	108.65	120.45			N/A
1/28/2019	bchusd	1:30:00 PM	107.76	119.58			N/A
1/28/2019	bchusd	3:30:00 PM	109.27	121.13			N/A
1/29/2019	bchusd	9:30:00 AM	103.89	115.59			N/A
1/29/2019	bchusd	11:30:00 AM					N/A
1/29/2019	bchusd	1:30:00 PM	107.34	119.31			N/A
1/29/2019	bchusd	3:30:00 PM	109.53	121.08			N/A
1/30/2019	bchusd	9:30:00 AM	107.55	119.26			N/A

instaforex
Instant Forex Trading

1/30/2019	bchusd	11:30:00 AM	107.34	119.3			N/A
1/30/2019	bchusd	1:30:00 PM	108.18	119.91			N/A
1/30/2019	bchusd	3:30:00 PM	112.36	124.25			N/A
1/31/2019	bchusd	9:30:00 AM	114.86	126.8			N/A
1/31/2019	bchusd	11:30:00 AM					N/A
1/31/2019	bchusd	1:30:00 PM	110.9	122.9			N/A
1/31/2019	bchusd	3:30:00 PM	111.96	123.83			N/A
2/1/2019	bchusd	9:30:00 AM	108.96	120.91			N/A
2/1/2019	bchusd	11:30:00 AM	110.04	121.91			N/A
2/1/2019	bchusd	1:30:00 PM	114.7	126.5			N/A
2/1/2019	bchusd	3:30:00 PM	113.74	125.67			N/A
2/4/2019	bchusd	9:30:00 AM	116.19	128.15			N/A
2/4/2019	bchusd	11:30:00 AM					N/A
2/4/2019	bchusd	1:30:00 PM	116.14	128.09			N/A
2/4/2019	bchusd	3:30:00 PM	116.45	128.32			N/A
2/5/2019	bchusd	9:30:00 AM	116.4	128.4			N/A
2/5/2019	bchusd	11:30:00 AM	116.46	128.39			N/A
2/5/2019	bchusd	1:30:00 PM	116.12	128.06			N/A
2/5/2019	bchusd	3:30:00 PM	115.84	127.83			N/A
2/6/2019	bchusd	9:30:00 AM	111.1	122.91			N/A
2/6/2019	bchusd	11:30:00 AM					N/A
2/6/2019	bchusd	1:30:00 PM	110.52	122.49			N/A
2/6/2019	bchusd	3:30:00 PM	110.57	122.5			N/A
2/7/2019	bchusd	9:30:00 AM	113.92	125.91			N/A
2/7/2019	bchusd	11:30:00 AM	114.32	126.31			N/A
2/7/2019	bchusd	1:30:00 PM	114.57	126.55			N/A
2/7/2019	bchusd	3:30:00 PM	113.22	125.16			N/A
2/8/2019	bchusd	9:30:00 AM	112.86	124.7			N/A
2/8/2019	bchusd	11:30:00 AM					N/A
2/8/2019	bchusd	1:30:00 PM	115.51	127.32			N/A
2/8/2019	bchusd	3:30:00 PM	116.68	128.67			N/A
2/11/2019	bchusd	9:30:00 AM	121.19	133.05			N/A
2/11/2019	bchusd	11:30:00 AM	121.3	133.3			N/A
2/11/2019	bchusd	1:30:00 PM	120.91	132.78			N/A
2/11/2019	bchusd	3:30:00 PM	120.91	132.61			N/A
2/12/2019	bchusd	9:30:00 AM	118.64	130.63			N/A
2/12/2019	bchusd	11:30:00 AM					N/A
2/12/2019	bchusd	1:30:00 PM					N/A
2/12/2019	bchusd	3:30:00 PM	119.89	131.67			N/A
2/13/2019	bchusd	9:30:00 AM	121.63	133.5			N/A
2/13/2019	bchusd	11:30:00 AM	119.88	131.73			N/A
2/13/2019	bchusd	1:30:00 PM	120.15	132.03			N/A
2/13/2019	bchusd	3:30:00 PM	120.42	132.42			N/A
2/14/2019	bchusd	9:30:00 AM	119.26	130.95			N/A
2/14/2019	bchusd	11:30:00 AM					N/A
2/14/2019	bchusd	1:30:00 PM	119.17	130.7			N/A
2/14/2019	bchusd	3:30:00 PM	119.11	131.11			N/A
2/15/2019	bchusd	9:30:00 AM					N/A
2/15/2019	bchusd	11:30:00 AM					N/A
2/15/2019	bchusd	1:30:00 PM					N/A

2/15/2019	bchusd	3:30:00 PM					N/A
2/18/2019	bchusd	9:30:00 AM	128.02	139.73			N/A
2/18/2019	bchusd	11:30:00 AM					N/A
2/18/2019	bchusd	1:30:00 PM	127.53	139.45			N/A
2/18/2019	bchusd	3:30:00 PM	132.94	143.98			N/A
2/19/2019	bchusd	9:30:00 AM	147.81	159.76			N/A
2/19/2019	bchusd	11:30:00 AM	146.42	158.02			N/A
2/19/2019	bchusd	1:30:00 PM	143.59	155.37			N/A
2/19/2019	bchusd	3:30:00 PM	146.44	157.32			N/A
2/20/2019	bchusd	9:30:00 AM	140.01	152.01			N/A
2/20/2019	bchusd	11:30:00 AM					N/A
2/20/2019	bchusd	1:30:00 PM	143.71	155.16			N/A
2/20/2019	bchusd	3:30:00 PM	144.22	156.18			N/A
2/21/2019	bchusd	9:30:00 AM	143.14	154.93			N/A
2/21/2019	bchusd	11:30:00 AM	140.6	152.25			N/A
2/21/2019	bchusd	1:30:00 PM	138.17	149.94			N/A
2/21/2019	bchusd	3:30:00 PM	139.54	151.51			N/A
2/22/2019	bchusd	9:30:00 AM	138.8	150.51			N/A
2/22/2019	bchusd	11:30:00 AM					N/A
2/22/2019	bchusd	1:30:00 PM	141.31	153.16			N/A
2/22/2019	bchusd	3:30:00 PM	142.41	154.25			N/A
2/25/2019	bchusd	9:30:00 AM	127.31	138.88			N/A
2/25/2019	bchusd	11:30:00 AM	128.72	140.65			N/A
2/25/2019	bchusd	1:30:00 PM	129.88	140.95			N/A
2/25/2019	bchusd	3:30:00 PM	130.87	142.69			N/A
2/26/2019	bchusd	9:30:00 AM	131.21	143.11			N/A
2/26/2019	bchusd	11:30:00 AM					N/A
2/26/2019	bchusd	1:30:00 PM	131.11	143.01			N/A
2/26/2019	bchusd	3:30:00 PM	130	141.91			N/A
2/27/2019	bchusd	9:30:00 AM	130.43	142.26			N/A
2/27/2019	bchusd	11:30:00 AM	130.41	142.22			N/A
2/27/2019	bchusd	1:30:00 PM	130.8	142.73			N/A
2/27/2019	bchusd	3:30:00 PM	130.74	142.62			N/A
2/28/2019	bchusd	9:30:00 AM	129.24	141.11			N/A
2/28/2019	bchusd	11:30:00 AM					N/A
2/28/2019	bchusd	1:30:00 PM	129.58	141.41			N/A
2/28/2019	bchusd	3:30:00 PM	128.93	140.85			N/A
3/1/2019	bchusd	9:30:00 AM	128.17	139.94			N/A
3/1/2019	bchusd	11:30:00 AM	129.81	141.59			N/A
3/1/2019	bchusd	1:30:00 PM					N/A
3/1/2019	bchusd	3:30:00 PM	129.09	140.81			N/A
3/4/2019	bchusd	9:30:00 AM	121.94	133.84			N/A
3/4/2019	bchusd	11:30:00 AM					N/A
3/4/2019	bchusd	1:30:00 PM	120.69	132.61			N/A
3/4/2019	bchusd	3:30:00 PM	119.74	131.59			N/A
3/5/2019	bchusd	9:30:00 AM	122.34	134.18			N/A
3/5/2019	bchusd	11:30:00 AM	123.55	135.48			N/A
3/5/2019	bchusd	1:30:00 PM	123.02	134.97			N/A
3/5/2019	bchusd	3:30:00 PM	126.63	137.74			N/A
3/6/2019	bchusd	9:30:00 AM	129.64	141.33			N/A

3/6/2019	bchusd	11:30:00 AM					N/A
3/6/2019	bchusd	1:30:00 PM	129.01	140.99			N/A
3/6/2019	bchusd	3:30:00 PM	128.65	140.43			N/A
3/7/2019	bchusd	9:30:00 AM	129.95	141.8			N/A
3/7/2019	bchusd	11:30:00 AM	128.53	140.45			N/A
3/7/2019	bchusd	1:30:00 PM	128.77	140.69			N/A
3/7/2019	bchusd	3:30:00 PM	128.98	140.82			N/A
3/8/2019	bchusd	9:30:00 AM	127.02	138.91			N/A
3/8/2019	bchusd	11:30:00 AM					N/A
3/8/2019	bchusd	1:30:00 PM	126.91	138.82			N/A
3/8/2019	bchusd	3:30:00 PM	126.69	138.56			N/A
3/11/2019	bchusd	9:30:00 AM	127.04	138.86			N/A
3/11/2019	bchusd	11:30:00 AM	126.58	138.54			N/A
3/11/2019	bchusd	1:30:00 PM	126.97	138.8			N/A
3/11/2019	bchusd	3:30:00 PM	124.91	136.84			N/A
3/12/2019	bchusd	9:30:00 AM	124.91	136.76			N/A
3/12/2019	bchusd	11:30:00 AM					N/A
3/12/2019	bchusd	1:30:00 PM	126.75	138.51			N/A
3/12/2019	bchusd	3:30:00 PM	126.89	138.68			N/A
3/13/2019	bchusd	9:30:00 AM	126.12	138.04			N/A
3/13/2019	bchusd	11:30:00 AM	125.78	137.64			N/A
3/13/2019	bchusd	1:30:00 PM	124.91	136.79			N/A
3/13/2019	bchusd	3:30:00 PM	126.59	138.41			N/A
3/14/2019	bchusd	9:30:00 AM	127.81	139.58			N/A
3/14/2019	bchusd	11:30:00 AM					N/A
3/14/2019	bchusd	1:30:00 PM	128	139.95			N/A
3/14/2019	bchusd	3:30:00 PM	127.25	139.17			N/A
3/15/2019	bchusd	9:30:00 AM	130.84	142.48			N/A
3/15/2019	bchusd	11:30:00 AM	131.38	143.11			N/A
3/15/2019	bchusd	1:30:00 PM	135.18	147.02			N/A
3/15/2019	bchusd	3:30:00 PM	136.48	148.24			N/A
3/18/2019	bchusd	9:30:00 AM	156.68	168.36			N/A
3/18/2019	bchusd	11:30:00 AM					N/A
3/18/2019	bchusd	1:30:00 PM	157.79	169.53			N/A
3/18/2019	bchusd	3:30:00 PM	159.22	171.14			N/A
3/19/2019	bchusd	9:30:00 AM	157.1	168.42			N/A
3/19/2019	bchusd	11:30:00 AM	157.21	169.07			N/A
3/19/2019	bchusd	1:30:00 PM	157.79	169.56			N/A
3/19/2019	bchusd	3:30:00 PM	157.62	169.5			N/A
3/20/2019	bchusd	9:30:00 AM	155.8	167.74			N/A
3/20/2019	bchusd	11:30:00 AM					N/A
3/20/2019	bchusd	1:30:00 PM	157.21	168.73			N/A
3/20/2019	bchusd	3:30:00 PM	157.55	169.28			N/A
3/21/2019	bchusd	9:30:00 AM	158.09	168.97			N/A
3/21/2019	bchusd	11:30:00 AM	156.82	168.75			N/A
3/21/2019	bchusd	1:30:00 PM	157.75	169.3			N/A
3/21/2019	bchusd	3:30:00 PM	155.81	167.59			N/A
3/22/2019	bchusd	9:30:00 AM	150.15	161.94			N/A
3/22/2019	bchusd	11:30:00 AM					N/A
3/22/2019	bchusd	1:30:00 PM	152.1	164.06			N/A

3/22/2019	bchusd	3:30:00 PM	155.08	166.88			N/A
3/25/2019	bchusd	9:30:00 AM	162.42	174.33			N/A
3/25/2019	bchusd	11:30:00 AM	163.03	174.99			N/A
3/25/2019	bchusd	1:30:00 PM	161.92	173.62			N/A
3/25/2019	bchusd	3:30:00 PM	161.9	173.78			N/A
3/26/2019	bchusd	9:30:00 AM	155.12	166.65			N/A
3/26/2019	bchusd	11:30:00 AM					N/A
3/26/2019	bchusd	1:30:00 PM	155.69	167.27			N/A
3/26/2019	bchusd	3:30:00 PM	152.44	164.13			N/A
3/27/2019	bchusd	9:30:00 AM	164.05	175.84			N/A
3/27/2019	bchusd	11:30:00 AM	167.01	178.76			N/A
3/27/2019	bchusd	1:30:00 PM	167.08	178.9			N/A
3/27/2019	bchusd	3:30:00 PM	166.74	178.49			N/A
3/28/2019	bchusd	9:30:00 AM	166.46	178.06			N/A
3/28/2019	bchusd	11:30:00 AM					N/A
3/28/2019	bchusd	1:30:00 PM	165.8	177.67			N/A
3/28/2019	bchusd	3:30:00 PM	167.49	179.39			N/A
3/29/2019	bchusd	9:30:00 AM	167.72	179.66			N/A
3/29/2019	bchusd	11:30:00 AM	169.46	181.23			N/A
3/29/2019	bchusd	1:30:00 PM	168.86	180.68			N/A
3/29/2019	bchusd	3:30:00 PM	168.29	180.27			N/A
1/1/2019	CADCHF	9:30:00 AM					N/A
1/1/2019	CADCHF	11:30:00 AM					N/A
1/1/2019	CADCHF	1:30:00 PM					N/A
1/1/2019	CADCHF	3:30:00 PM					N/A
1/2/2019	CADCHF	9:30:00 AM					N/A
1/2/2019	CADCHF	11:30:00 AM					N/A
1/2/2019	CADCHF	1:30:00 PM					N/A
1/2/2019	CADCHF	3:30:00 PM					N/A
1/3/2019	CADCHF	9:30:00 AM					N/A
1/3/2019	CADCHF	11:30:00 AM					N/A
1/3/2019	CADCHF	1:30:00 PM					N/A
1/3/2019	CADCHF	3:30:00 PM					N/A
1/4/2019	CADCHF	9:30:00 AM					N/A
1/4/2019	CADCHF	11:30:00 AM					N/A
1/4/2019	CADCHF	1:30:00 PM					N/A
1/4/2019	CADCHF	3:30:00 PM					N/A
1/7/2019	CADCHF	9:30:00 AM	0.73676	0.73742			N/A
1/7/2019	CADCHF	11:30:00 AM					N/A
1/7/2019	CADCHF	1:30:00 PM	0.73458	0.73532			N/A
1/7/2019	CADCHF	3:30:00 PM	0.73486	0.73537			N/A
1/8/2019	CADCHF	9:30:00 AM	0.73822	0.73888			N/A
1/8/2019	CADCHF	11:30:00 AM	0.73821	0.73882			N/A
1/8/2019	CADCHF	1:30:00 PM	0.73814	0.73873			N/A
1/8/2019	CADCHF	3:30:00 PM	0.73802	0.73872			N/A
1/9/2019	CADCHF	9:30:00 AM	0.74107	0.74178			N/A
1/9/2019	CADCHF	11:30:00 AM					N/A
1/9/2019	CADCHF	1:30:00 PM	0.74051	0.74111			N/A
1/9/2019	CADCHF	3:30:00 PM	0.74058	0.74126			N/A
1/10/2019	CADCHF	9:30:00 AM	0.73461	0.73525			N/A

1/10/2019	CADCHF	11:30:00 AM	0.737	0.73773			N/A
1/10/2019	CADCHF	1:30:00 PM	0.73861	0.73909			N/A
1/10/2019	CADCHF	3:30:00 PM	0.73976	0.7401			N/A
1/11/2019	CADCHF	9:30:00 AM	0.74398	0.74465			N/A
1/11/2019	CADCHF	11:30:00 AM					N/A
1/11/2019	CADCHF	1:30:00 PM	0.74429	0.7449			N/A
1/11/2019	CADCHF	3:30:00 PM	0.74249	0.74305			N/A
1/14/2019	CADCHF	9:30:00 AM	0.73979	0.74047			N/A
1/14/2019	CADCHF	11:30:00 AM	0.74019	0.74073			N/A
1/14/2019	CADCHF	1:30:00 PM	0.73913	0.73984			N/A
1/14/2019	CADCHF	3:30:00 PM	0.73958	0.74028			N/A
1/15/2019	CADCHF	9:30:00 AM	0.73954	0.7401			N/A
1/15/2019	CADCHF	11:30:00 AM					N/A
1/15/2019	CADCHF	1:30:00 PM	0.74368	0.74435			N/A
1/15/2019	CADCHF	3:30:00 PM	0.7436	0.74395			N/A
1/16/2019	CADCHF	9:30:00 AM	0.74568	0.74639			N/A
1/16/2019	CADCHF	11:30:00 AM	0.74488	0.74557			N/A
1/16/2019	CADCHF	1:30:00 PM	0.74466	0.74529			N/A
1/16/2019	CADCHF	3:30:00 PM	0.74562	0.74625			N/A
1/17/2019	CADCHF	9:30:00 AM	0.7459	0.74649			N/A
1/17/2019	CADCHF	11:30:00 AM					N/A
1/17/2019	CADCHF	1:30:00 PM	0.74657	0.74729			N/A
1/17/2019	CADCHF	3:30:00 PM	0.74563	0.74592			N/A
1/18/2019	CADCHF	9:30:00 AM	0.74898	0.74967			N/A
1/18/2019	CADCHF	11:30:00 AM	0.74884	0.74952			N/A
1/18/2019	CADCHF	1:30:00 PM	0.74904	0.74972			N/A
1/18/2019	CADCHF	3:30:00 PM	0.75072	0.7509			N/A
1/21/2019	CADCHF	9:30:00 AM	0.74938	0.75007			N/A
1/21/2019	CADCHF	11:30:00 AM					N/A
1/21/2019	CADCHF	1:30:00 PM	0.75001	0.75077			N/A
1/21/2019	CADCHF	3:30:00 PM	0.74999	0.75069			N/A
1/22/2019	CADCHF	9:30:00 AM	0.74779	0.74839			N/A
1/22/2019	CADCHF	11:30:00 AM	0.74773	0.74842			N/A
1/22/2019	CADCHF	1:30:00 PM	0.74736	0.74798			N/A
1/22/2019	CADCHF	3:30:00 PM	0.74889	0.7491			N/A
1/23/2019	CADCHF	9:30:00 AM	0.7483	0.74905			N/A
1/23/2019	CADCHF	11:30:00 AM					N/A
1/23/2019	CADCHF	1:30:00 PM	0.74862	0.7493			N/A
1/23/2019	CADCHF	3:30:00 PM	0.7486	0.74868			N/A
1/24/2019	CADCHF	9:30:00 AM	0.74401	0.74468			N/A
1/24/2019	CADCHF	11:30:00 AM	0.74444	0.74513			N/A
1/24/2019	CADCHF	1:30:00 PM	0.74498	0.74555			N/A
1/24/2019	CADCHF	3:30:00 PM	0.74494	0.74549			N/A
1/25/2019	CADCHF	9:30:00 AM	0.74751	0.74819			N/A
1/25/2019	CADCHF	11:30:00 AM					N/A
1/25/2019	CADCHF	1:30:00 PM	0.74778	0.74848			N/A
1/25/2019	CADCHF	3:30:00 PM	0.7488	0.74955			N/A
1/28/2019	CADCHF	9:30:00 AM	0.75001	0.75059			N/A
1/28/2019	CADCHF	11:30:00 AM	0.74972	0.75038			N/A
1/28/2019	CADCHF	1:30:00 PM	0.74973	0.75041			N/A

1/28/2019	CADCHF	3:30:00 PM	0.74856	0.74925			N/A
1/29/2019	CADCHF	9:30:00 AM	0.74758	0.7483			N/A
1/29/2019	CADCHF	11:30:00 AM					N/A
1/29/2019	CADCHF	1:30:00 PM	0.74848	0.74916			N/A
1/29/2019	CADCHF	3:30:00 PM	0.74931	0.74997		100	N/A
1/30/2019	CADCHF	9:30:00 AM	0.75086	0.75159			N/A
1/30/2019	CADCHF	11:30:00 AM	0.75184	0.75254			N/A
1/30/2019	CADCHF	1:30:00 PM	0.75298	0.75375			N/A
1/30/2019	CADCHF	3:30:00 PM	0.75481	0.75535			N/A
1/31/2019	CADCHF	9:30:00 AM	0.75568	0.75621			N/A
1/31/2019	CADCHF	11:30:00 AM					N/A
1/31/2019	CADCHF	1:30:00 PM	0.75562	0.75629			N/A
1/31/2019	CADCHF	3:30:00 PM	0.75565	0.75545			N/A
2/1/2019	CADCHF	9:30:00 AM	0.75656	0.75725			N/A
2/1/2019	CADCHF	11:30:00 AM	0.75509	0.75563			N/A
2/1/2019	CADCHF	1:30:00 PM	0.75498	0.75566			N/A
2/1/2019	CADCHF	3:30:00 PM	0.75701	0.75683			N/A
2/4/2019	CADCHF	9:30:00 AM	0.76062	0.76137			N/A
2/4/2019	CADCHF	11:30:00 AM					N/A
2/4/2019	CADCHF	1:30:00 PM	0.76132	0.76204			N/A
2/4/2019	CADCHF	3:30:00 PM	0.76014	0.76087			N/A
2/5/2019	CADCHF	9:30:00 AM	0.76146	0.7622			N/A
2/5/2019	CADCHF	11:30:00 AM	0.76247	0.7632			N/A
2/5/2019	CADCHF	1:30:00 PM	0.76369	0.76428			N/A
2/5/2019	CADCHF	3:30:00 PM	0.76227	0.76293			N/A
2/6/2019	CADCHF	9:30:00 AM	0.75894	0.7596			N/A
2/6/2019	CADCHF	11:30:00 AM					N/A
2/6/2019	CADCHF	1:30:00 PM	0.75776	0.7585			N/A
2/6/2019	CADCHF	3:30:00 PM	0.75878	0.75914			N/A
2/7/2019	CADCHF	9:30:00 AM	0.75631	0.75705			N/A
2/7/2019	CADCHF	11:30:00 AM	0.75701	0.75767			N/A
2/7/2019	CADCHF	1:30:00 PM	0.75582	0.75652			N/A
2/7/2019	CADCHF	3:30:00 PM	0.75395	0.75457			N/A
2/8/2019	CADCHF	9:30:00 AM	0.75185	0.75242			N/A
2/8/2019	CADCHF	11:30:00 AM					N/A
2/8/2019	CADCHF	1:30:00 PM	0.75176	0.7525			N/A
2/8/2019	CADCHF	3:30:00 PM	0.75566	0.7542			N/A
2/11/2019	CADCHF	9:30:00 AM	0.75254	0.75318			N/A
2/11/2019	CADCHF	11:30:00 AM	0.75439	0.75492			N/A
2/11/2019	CADCHF	1:30:00 PM	0.75539	0.75604			N/A
2/11/2019	CADCHF	3:30:00 PM	0.75553	0.75621			N/A
2/12/2019	CADCHF	9:30:00 AM	0.75595	0.7566			N/A
2/12/2019	CADCHF	11:30:00 AM					N/A
2/12/2019	CADCHF	1:30:00 PM	0.75966	0.76032			N/A
2/12/2019	CADCHF	3:30:00 PM	0.76055	0.76091			N/A
2/13/2019	CADCHF	9:30:00 AM	0.76097	0.76167			N/A
2/13/2019	CADCHF	11:30:00 AM	0.7599	0.76051			N/A
2/13/2019	CADCHF	1:30:00 PM	0.75936	0.76007			N/A
2/13/2019	CADCHF	3:30:00 PM	0.75902	0.75946			N/A
2/14/2019	CADCHF	9:30:00 AM	0.76141	0.76214			N/A

2/14/2019	CADCHF	11:30:00 AM					N/A
2/14/2019	CADCHF	1:30:00 PM	0.76015	0.76083			N/A
2/14/2019	CADCHF	3:30:00 PM	0.75958	0.7594			N/A
2/15/2019	CADCHF	9:30:00 AM					N/A
2/15/2019	CADCHF	11:30:00 AM					N/A
2/15/2019	CADCHF	1:30:00 PM					N/A
2/15/2019	CADCHF	3:30:00 PM					N/A
2/18/2019	CADCHF	9:30:00 AM	0.75816	0.75889			N/A
2/18/2019	CADCHF	11:30:00 AM					N/A
2/18/2019	CADCHF	1:30:00 PM	0.75729	0.75792			N/A
2/18/2019	CADCHF	3:30:00 PM	0.7576	0.75827			N/A
2/19/2019	CADCHF	9:30:00 AM	0.75793	0.75868			N/A
2/19/2019	CADCHF	11:30:00 AM	0.75736	0.75803			N/A
2/19/2019	CADCHF	1:30:00 PM	0.7582	0.75886			N/A
2/19/2019	CADCHF	3:30:00 PM	0.75848	0.75912			N/A
2/20/2019	CADCHF	9:30:00 AM	0.75897	0.7596			N/A
2/20/2019	CADCHF	11:30:00 AM					N/A
2/20/2019	CADCHF	1:30:00 PM	0.75939	0.76008			N/A
2/20/2019	CADCHF	3:30:00 PM	0.75806	0.75868			N/A
2/21/2019	CADCHF	9:30:00 AM	0.7589	0.75942			N/A
2/21/2019	CADCHF	11:30:00 AM	0.75845	0.75915			N/A
2/21/2019	CADCHF	1:30:00 PM	0.75872	0.75942			N/A
2/21/2019	CADCHF	3:30:00 PM	0.75979	0.75993			N/A
2/22/2019	CADCHF	9:30:00 AM	0.75628	0.75693			N/A
2/22/2019	CADCHF	11:30:00 AM					N/A
2/22/2019	CADCHF	1:30:00 PM	0.75703	0.75775			N/A
2/22/2019	CADCHF	3:30:00 PM	0.75793	0.75763			N/A
2/25/2019	CADCHF	9:30:00 AM	0.76113	0.76178			N/A
2/25/2019	CADCHF	11:30:00 AM	0.76109	0.76183			N/A
2/25/2019	CADCHF	1:30:00 PM	0.76097	0.76163			N/A
2/25/2019	CADCHF	3:30:00 PM	0.75984	0.76053			N/A
2/26/2019	CADCHF	9:30:00 AM	0.75725	0.75798			N/A
2/26/2019	CADCHF	11:30:00 AM					N/A
2/26/2019	CADCHF	1:30:00 PM	0.75696	0.75762			N/A
2/26/2019	CADCHF	3:30:00 PM	0.75683	0.75726			N/A
2/27/2019	CADCHF	9:30:00 AM	0.75857	0.75925			N/A
2/27/2019	CADCHF	11:30:00 AM	0.75824	0.75893			N/A
2/27/2019	CADCHF	1:30:00 PM	0.75817	0.75887			N/A
2/27/2019	CADCHF	3:30:00 PM	0.75889	0.75894			N/A
2/28/2019	CADCHF	9:30:00 AM	0.75682	0.75732			N/A
2/28/2019	CADCHF	11:30:00 AM					N/A
2/28/2019	CADCHF	1:30:00 PM	0.75448	0.75512			N/A
2/28/2019	CADCHF	3:30:00 PM	0.75391	0.75414			N/A
3/1/2019	CADCHF	9:30:00 AM	0.75928	0.75986			N/A
3/1/2019	CADCHF	11:30:00 AM	0.76136	0.76203			N/A
3/1/2019	CADCHF	1:30:00 PM	0.75972	0.76034			N/A
3/1/2019	CADCHF	3:30:00 PM	0.75667	0.75644			N/A
3/4/2019	CADCHF	9:30:00 AM	0.75227	0.75298			N/A
3/4/2019	CADCHF	11:30:00 AM					N/A
3/4/2019	CADCHF	1:30:00 PM	0.75137	0.75202			N/A

3/4/2019	CADCHF	3:30:00 PM	0.75107	0.75152			N/A
3/5/2019	CADCHF	9:30:00 AM	0.74994	0.75049			N/A
3/5/2019	CADCHF	11:30:00 AM	0.7501	0.75073			N/A
3/5/2019	CADCHF	1:30:00 PM	0.74958	0.75024			N/A
3/5/2019	CADCHF	3:30:00 PM	0.74961	0.7501			N/A
3/6/2019	CADCHF	9:30:00 AM	0.75168	0.7524			N/A
3/6/2019	CADCHF	11:30:00 AM					N/A
3/6/2019	CADCHF	1:30:00 PM	0.75076	0.75144			N/A
3/6/2019	CADCHF	3:30:00 PM	0.7504	0.75077			N/A
3/7/2019	CADCHF	9:30:00 AM	0.747	0.74771			N/A
3/7/2019	CADCHF	11:30:00 AM	0.74721	0.74788			N/A
3/7/2019	CADCHF	1:30:00 PM	0.7475	0.74817			N/A
3/7/2019	CADCHF	3:30:00 PM	0.75008	0.75066			N/A
3/8/2019	CADCHF	9:30:00 AM	0.74983	0.75048			N/A
3/8/2019	CADCHF	11:30:00 AM					N/A
3/8/2019	CADCHF	1:30:00 PM	0.75038	0.75108			N/A
3/8/2019	CADCHF	3:30:00 PM	0.75167	0.75132			N/A
3/11/2019	CADCHF	9:30:00 AM	0.75028	0.75095			N/A
3/11/2019	CADCHF	11:30:00 AM	0.75087	0.75151			N/A
3/11/2019	CADCHF	1:30:00 PM	0.75181	0.75233			N/A
3/11/2019	CADCHF	3:30:00 PM	0.75204	0.75269			N/A
3/12/2019	CADCHF	9:30:00 AM	0.75418	0.75483			N/A
3/12/2019	CADCHF	11:30:00 AM					N/A
3/12/2019	CADCHF	1:30:00 PM	0.7518	0.75256			N/A
3/12/2019	CADCHF	3:30:00 PM	0.75253	0.75319			N/A
3/13/2019	CADCHF	9:30:00 AM	0.75366	0.75435			N/A
3/13/2019	CADCHF	11:30:00 AM	0.75298	0.75368			N/A
3/13/2019	CADCHF	1:30:00 PM	0.75307	0.75374			N/A
3/13/2019	CADCHF	3:30:00 PM	0.75371	0.75394			N/A
3/14/2019	CADCHF	9:30:00 AM	0.75392	0.75456			N/A
3/14/2019	CADCHF	11:30:00 AM					N/A
3/14/2019	CADCHF	1:30:00 PM	0.7534	0.75399			N/A
3/14/2019	CADCHF	3:30:00 PM	0.75292	0.75355			N/A
3/15/2019	CADCHF	9:30:00 AM	0.75362	0.75427			N/A
3/15/2019	CADCHF	11:30:00 AM	0.7541	0.75466			N/A
3/15/2019	CADCHF	1:30:00 PM	0.75311	0.75379			N/A
3/15/2019	CADCHF	3:30:00 PM	0.75126	0.75178			N/A
3/18/2019	CADCHF	9:30:00 AM	0.75214	0.75284			N/A
3/18/2019	CADCHF	11:30:00 AM					N/A
3/18/2019	CADCHF	1:30:00 PM	0.75053	0.75117			N/A
3/18/2019	CADCHF	3:30:00 PM	0.75014	0.75077			N/A
3/19/2019	CADCHF	9:30:00 AM	0.74977	0.75044			N/A
3/19/2019	CADCHF	11:30:00 AM	0.75041	0.75113			N/A
3/19/2019	CADCHF	1:30:00 PM	0.75101	0.7516			N/A
3/19/2019	CADCHF	3:30:00 PM	0.75374	0.75441			N/A
3/20/2019	CADCHF	9:30:00 AM	0.74903	0.74968			N/A
3/20/2019	CADCHF	11:30:00 AM					N/A
3/20/2019	CADCHF	1:30:00 PM	0.74884	0.7495			N/A
3/20/2019	CADCHF	3:30:00 PM	0.749	0.74955			N/A
3/21/2019	CADCHF	9:30:00 AM	0.74574	0.74638			N/A

3/21/2019	CADCHF	11:30:00 AM	0.74605	0.74674			N/A
3/21/2019	CADCHF	1:30:00 PM	0.74517	0.74581			N/A
3/21/2019	CADCHF	3:30:00 PM	0.74374	0.74425			N/A
3/22/2019	CADCHF	9:30:00 AM	0.7426	0.74324			N/A
3/22/2019	CADCHF	11:30:00 AM					N/A
3/22/2019	CADCHF	1:30:00 PM	0.74239	0.74301			N/A
3/22/2019	CADCHF	3:30:00 PM	0.74195	0.74252			N/A
3/25/2019	CADCHF	9:30:00 AM	0.74064	0.74129			N/A
3/25/2019	CADCHF	11:30:00 AM	0.7409	0.74158			N/A
3/25/2019	CADCHF	1:30:00 PM	0.73985	0.74046			N/A
3/25/2019	CADCHF	3:30:00 PM	0.73879	0.73927			N/A
3/26/2019	CADCHF	9:30:00 AM	0.74058	0.74128			N/A
3/26/2019	CADCHF	11:30:00 AM					N/A
3/26/2019	CADCHF	1:30:00 PM	0.74088	0.74145			N/A
3/26/2019	CADCHF	3:30:00 PM	0.74189	0.74227			N/A
3/27/2019	CADCHF	9:30:00 AM	0.7427	0.74337			N/A
3/27/2019	CADCHF	11:30:00 AM	0.74233	0.74291			N/A
3/27/2019	CADCHF	1:30:00 PM	0.74039	0.74097			N/A
3/27/2019	CADCHF	3:30:00 PM	0.7413	0.74181			N/A
3/28/2019	CADCHF	9:30:00 AM	0.74213	0.74284			N/A
3/28/2019	CADCHF	11:30:00 AM					N/A
3/28/2019	CADCHF	1:30:00 PM	0.74108	0.74173			N/A
3/28/2019	CADCHF	3:30:00 PM	0.74183	0.74233			N/A
3/29/2019	CADCHF	9:30:00 AM	0.74132	0.74204			N/A
3/29/2019	CADCHF	11:30:00 AM	0.74129	0.74196			N/A
3/29/2019	CADCHF	1:30:00 PM	0.74197	0.74263			N/A
3/29/2019	CADCHF	3:30:00 PM	0.74444	0.74502			N/A
1/1/2019	CADCZK	9:30:00 AM					N/A
1/1/2019	CADCZK	11:30:00 AM					N/A
1/1/2019	CADCZK	1:30:00 PM					N/A
1/1/2019	CADCZK	3:30:00 PM					N/A
1/2/2019	CADCZK	9:30:00 AM					N/A
1/2/2019	CADCZK	11:30:00 AM					N/A
1/2/2019	CADCZK	1:30:00 PM					N/A
1/2/2019	CADCZK	3:30:00 PM					N/A
1/3/2019	CADCZK	9:30:00 AM					N/A
1/3/2019	CADCZK	11:30:00 AM					N/A
1/3/2019	CADCZK	1:30:00 PM					N/A
1/3/2019	CADCZK	3:30:00 PM					N/A
1/4/2019	CADCZK	9:30:00 AM					N/A
1/4/2019	CADCZK	11:30:00 AM					N/A
1/4/2019	CADCZK	1:30:00 PM					N/A
1/4/2019	CADCZK	3:30:00 PM					N/A
1/7/2019	CADCZK	9:30:00 AM	16.723	16.739			N/A
1/7/2019	CADCZK	11:30:00 AM					N/A
1/7/2019	CADCZK	1:30:00 PM	16.702	16.716			N/A
1/7/2019	CADCZK	3:30:00 PM	16.72	16.729			N/A
1/8/2019	CADCZK	9:30:00 AM	16.807	16.819			N/A
1/8/2019	CADCZK	11:30:00 AM	16.843	16.852			N/A
1/8/2019	CADCZK	1:30:00 PM	16.837	16.853			N/A

1/8/2019	CADCZK	3:30:00 PM	16.834	16.849			N/A
1/9/2019	CADCZK	9:30:00 AM	16.876	16.89			N/A
1/9/2019	CADCZK	11:30:00 AM					N/A
1/9/2019	CADCZK	1:30:00 PM	16.887	16.9			N/A
1/9/2019	CADCZK	3:30:00 PM	16.892	16.908			N/A
1/10/2019	CADCZK	9:30:00 AM	16.735	16.751			N/A
1/10/2019	CADCZK	11:30:00 AM	16.773	16.79			N/A
1/10/2019	CADCZK	1:30:00 PM	16.792	16.808			N/A
1/10/2019	CADCZK	3:30:00 PM	16.785	16.792			N/A
1/11/2019	CADCZK	9:30:00 AM	16.779	16.796			N/A
1/11/2019	CADCZK	11:30:00 AM					N/A
1/11/2019	CADCZK	1:30:00 PM	16.809	16.82			N/A
1/11/2019	CADCZK	3:30:00 PM	16.769	16.781			N/A
1/14/2019	CADCZK	9:30:00 AM	16.754	16.766			N/A
1/14/2019	CADCZK	11:30:00 AM	16.778	16.792			N/A
1/14/2019	CADCZK	1:30:00 PM	16.778	16.789			N/A
1/14/2019	CADCZK	3:30:00 PM	16.79	16.799			N/A
1/15/2019	CADCZK	9:30:00 AM	16.767	16.783			N/A
1/15/2019	CADCZK	11:30:00 AM					N/A
1/15/2019	CADCZK	1:30:00 PM	16.839	16.855			N/A
1/15/2019	CADCZK	3:30:00 PM	16.865	16.875			N/A
1/16/2019	CADCZK	9:30:00 AM	16.882	16.894			N/A
1/16/2019	CADCZK	11:30:00 AM	16.867	16.881			N/A
1/16/2019	CADCZK	1:30:00 PM	16.884	16.896			N/A
1/16/2019	CADCZK	3:30:00 PM	16.908	16.921			N/A
1/17/2019	CADCZK	9:30:00 AM	16.873	16.886			N/A
1/17/2019	CADCZK	11:30:00 AM					N/A
1/17/2019	CADCZK	1:30:00 PM	16.845	16.861			N/A
1/17/2019	CADCZK	3:30:00 PM	16.819	16.825			N/A
1/18/2019	CADCZK	9:30:00 AM	16.875	16.892			N/A
1/18/2019	CADCZK	11:30:00 AM	16.88	16.894			N/A
1/18/2019	CADCZK	1:30:00 PM	16.888	16.906			N/A
1/18/2019	CADCZK	3:30:00 PM	16.933	16.904			N/A
1/21/2019	CADCZK	9:30:00 AM	16.912	16.929			N/A
1/21/2019	CADCZK	11:30:00 AM					N/A
1/21/2019	CADCZK	1:30:00 PM	16.912	16.929			N/A
1/21/2019	CADCZK	3:30:00 PM	16.909	16.925			N/A
1/22/2019	CADCZK	9:30:00 AM	16.883	16.898			N/A
1/22/2019	CADCZK	11:30:00 AM	16.89	16.906			N/A
1/22/2019	CADCZK	1:30:00 PM	16.893	16.909			N/A
1/22/2019	CADCZK	3:30:00 PM	16.903	16.913			N/A
1/23/2019	CADCZK	9:30:00 AM	16.906	16.924			N/A
1/23/2019	CADCZK	11:30:00 AM					N/A
1/23/2019	CADCZK	1:30:00 PM	16.944	16.959			N/A
1/23/2019	CADCZK	3:30:00 PM	16.954	16.956			N/A
1/24/2019	CADCZK	9:30:00 AM	16.89	16.908			N/A
1/24/2019	CADCZK	11:30:00 AM	16.952	16.967			N/A
1/24/2019	CADCZK	1:30:00 PM	16.951	16.957			N/A
1/24/2019	CADCZK	3:30:00 PM	16.959	16.973			N/A
1/25/2019	CADCZK	9:30:00 AM	17.056	17.07			N/A

1/25/2019	CADCZK	11:30:00 AM					N/A
1/25/2019	CADCZK	1:30:00 PM	16.999	17.012			N/A
1/25/2019	CADCZK	3:30:00 PM	16.991	17.006			N/A
1/28/2019	CADCZK	9:30:00 AM	17.001	17.01			N/A
1/28/2019	CADCZK	11:30:00 AM	17.023	17.04			N/A
1/28/2019	CADCZK	1:30:00 PM	17.014	17.03			N/A
1/28/2019	CADCZK	3:30:00 PM	16.988	17.004			N/A
1/29/2019	CADCZK	9:30:00 AM	16.968	16.984			N/A
1/29/2019	CADCZK	11:30:00 AM					N/A
1/29/2019	CADCZK	1:30:00 PM	16.963	16.978			N/A
1/29/2019	CADCZK	3:30:00 PM	16.982	17			N/A
1/30/2019	CADCZK	9:30:00 AM	16.977	16.99			N/A
1/30/2019	CADCZK	11:30:00 AM	17.011	17.028			N/A
1/30/2019	CADCZK	1:30:00 PM	17.024	17.042			N/A
1/30/2019	CADCZK	3:30:00 PM	17.058	17.073			N/A
1/31/2019	CADCZK	9:30:00 AM	17.032	17.047			N/A
1/31/2019	CADCZK	11:30:00 AM					N/A
1/31/2019	CADCZK	1:30:00 PM	17.058	17.071			N/A
1/31/2019	CADCZK	3:30:00 PM	17.048	17.05			N/A
2/1/2019	CADCZK	9:30:00 AM	17.094	17.111			N/A
2/1/2019	CADCZK	11:30:00 AM	17.065	17.078			N/A
2/1/2019	CADCZK	1:30:00 PM	17.055	17.072			N/A
2/1/2019	CADCZK	3:30:00 PM	17.047	17.047			N/A
2/4/2019	CADCZK	9:30:00 AM	17.126	17.143			N/A
2/4/2019	CADCZK	11:30:00 AM					N/A
2/4/2019	CADCZK	1:30:00 PM	17.145	17.163			N/A
2/4/2019	CADCZK	3:30:00 PM	17.111	17.125			N/A
2/5/2019	CADCZK	9:30:00 AM	17.126	17.143			N/A
2/5/2019	CADCZK	11:30:00 AM	17.141	17.155			N/A
2/5/2019	CADCZK	1:30:00 PM	17.141	17.155			N/A
2/5/2019	CADCZK	3:30:00 PM	17.122	17.139			N/A
2/6/2019	CADCZK	9:30:00 AM	17.114	17.13			N/A
2/6/2019	CADCZK	11:30:00 AM					N/A
2/6/2019	CADCZK	1:30:00 PM	17.121	17.138			N/A
2/6/2019	CADCZK	3:30:00 PM	17.161	17.169			N/A
2/7/2019	CADCZK	9:30:00 AM	17.129	17.146			N/A
2/7/2019	CADCZK	11:30:00 AM	17.153	17.17			N/A
2/7/2019	CADCZK	1:30:00 PM	17.158	17.173			N/A
2/7/2019	CADCZK	3:30:00 PM	17.124	17.133			N/A
2/8/2019	CADCZK	9:30:00 AM	17.064	17.081			N/A
2/8/2019	CADCZK	11:30:00 AM					N/A
2/8/2019	CADCZK	1:30:00 PM	17.062	17.08			N/A
2/8/2019	CADCZK	3:30:00 PM	17.151	17.091			N/A
2/11/2019	CADCZK	9:30:00 AM	17.134	17.151			N/A
2/11/2019	CADCZK	11:30:00 AM	17.178	17.192			N/A
2/11/2019	CADCZK	1:30:00 PM	17.184	17.201			N/A
2/11/2019	CADCZK	3:30:00 PM	17.187	17.202			N/A
2/12/2019	CADCZK	9:30:00 AM	17.243	17.261			N/A
2/12/2019	CADCZK	11:30:00 AM					N/A
2/12/2019	CADCZK	1:30:00 PM	17.254	17.269			N/A

2/12/2019	CADCZK	3:30:00 PM	17.26	17.275			N/A
2/13/2019	CADCZK	9:30:00 AM	17.25	17.261			N/A
2/13/2019	CADCZK	11:30:00 AM	17.21	17.222			N/A
2/13/2019	CADCZK	1:30:00 PM	17.224	17.239			N/A
2/13/2019	CADCZK	3:30:00 PM	17.21	17.224			N/A
2/14/2019	CADCZK	9:30:00 AM	17.238	17.256			N/A
2/14/2019	CADCZK	11:30:00 AM					N/A
2/14/2019	CADCZK	1:30:00 PM	17.224	17.24			N/A
2/14/2019	CADCZK	3:30:00 PM	17.217	17.232			N/A
2/15/2019	CADCZK	9:30:00 AM					N/A
2/15/2019	CADCZK	11:30:00 AM					N/A
2/15/2019	CADCZK	1:30:00 PM					N/A
2/15/2019	CADCZK	3:30:00 PM					N/A
2/18/2019	CADCZK	9:30:00 AM	17.129	17.145			N/A
2/18/2019	CADCZK	11:30:00 AM					N/A
2/18/2019	CADCZK	1:30:00 PM	17.132	17.149			N/A
2/18/2019	CADCZK	3:30:00 PM	17.143	17.16			N/A
2/19/2019	CADCZK	9:30:00 AM	17.155	17.172			N/A
2/19/2019	CADCZK	11:30:00 AM	17.151	17.159			N/A
2/19/2019	CADCZK	1:30:00 PM	17.181	17.198			N/A
2/19/2019	CADCZK	3:30:00 PM	17.177	17.193			N/A
2/20/2019	CADCZK	9:30:00 AM	17.151	17.167			N/A
2/20/2019	CADCZK	11:30:00 AM					N/A
2/20/2019	CADCZK	1:30:00 PM	17.172	17.19			N/A
2/20/2019	CADCZK	3:30:00 PM	17.151	17.165			N/A
2/21/2019	CADCZK	9:30:00 AM	17.142	17.156			N/A
2/21/2019	CADCZK	11:30:00 AM	17.141	17.153			N/A
2/21/2019	CADCZK	1:30:00 PM	17.133	17.147			N/A
2/21/2019	CADCZK	3:30:00 PM	17.144	17.154			N/A
2/22/2019	CADCZK	9:30:00 AM	17.062	17.079			N/A
2/22/2019	CADCZK	11:30:00 AM					N/A
2/22/2019	CADCZK	1:30:00 PM	17.104	17.121			N/A
2/22/2019	CADCZK	3:30:00 PM	17.104	17.12			N/A
2/25/2019	CADCZK	9:30:00 AM	17.19	17.206			N/A
2/25/2019	CADCZK	11:30:00 AM	17.183	17.2			N/A
2/25/2019	CADCZK	1:30:00 PM	17.178	17.193			N/A
2/25/2019	CADCZK	3:30:00 PM	17.161	17.174			N/A
2/26/2019	CADCZK	9:30:00 AM	17.075	17.092			N/A
2/26/2019	CADCZK	11:30:00 AM					N/A
2/26/2019	CADCZK	1:30:00 PM	17.069	17.085			N/A
2/26/2019	CADCZK	3:30:00 PM	17.07	17.08			N/A
2/27/2019	CADCZK	9:30:00 AM	17.094	17.109			N/A
2/27/2019	CADCZK	11:30:00 AM	17.091	17.103			N/A
2/27/2019	CADCZK	1:30:00 PM	17.102	17.119			N/A
2/27/2019	CADCZK	3:30:00 PM	17.126	17.129			N/A
2/28/2019	CADCZK	9:30:00 AM	17.088	17.104			N/A
2/28/2019	CADCZK	11:30:00 AM					N/A
2/28/2019	CADCZK	1:30:00 PM	17.025	17.038			N/A
2/28/2019	CADCZK	3:30:00 PM	17.009	17.014			N/A
3/1/2019	CADCZK	9:30:00 AM	17.124	17.134			N/A

3/1/2019	CADCZK	11:30:00 AM	17.142	17.155			N/A
3/1/2019	CADCZK	1:30:00 PM	17.124	17.142			N/A
3/1/2019	CADCZK	3:30:00 PM	17.062	17.056			N/A
3/4/2019	CADCZK	9:30:00 AM	16.951	16.967			N/A
3/4/2019	CADCZK	11:30:00 AM					N/A
3/4/2019	CADCZK	1:30:00 PM	16.96	16.977			N/A
3/4/2019	CADCZK	3:30:00 PM	16.955	16.97			N/A
3/5/2019	CADCZK	9:30:00 AM	16.958	16.972			N/A
3/5/2019	CADCZK	11:30:00 AM	16.926	16.941			N/A
3/5/2019	CADCZK	1:30:00 PM	16.925	16.943			N/A
3/5/2019	CADCZK	3:30:00 PM	16.928	16.944			N/A
3/6/2019	CADCZK	9:30:00 AM	16.955	16.972			N/A
3/6/2019	CADCZK	11:30:00 AM					N/A
3/6/2019	CADCZK	1:30:00 PM	16.915	16.932			N/A
3/6/2019	CADCZK	3:30:00 PM	16.897	16.899			N/A
3/7/2019	CADCZK	9:30:00 AM	16.83	16.846			N/A
3/7/2019	CADCZK	11:30:00 AM	16.819	16.831			N/A
3/7/2019	CADCZK	1:30:00 PM	16.832	16.848			N/A
3/7/2019	CADCZK	3:30:00 PM	16.902	16.915			N/A
3/8/2019	CADCZK	9:30:00 AM	16.973	16.99			N/A
3/8/2019	CADCZK	11:30:00 AM					N/A
3/8/2019	CADCZK	1:30:00 PM	16.953	16.97			N/A
3/8/2019	CADCZK	3:30:00 PM	16.972	16.983			N/A
3/11/2019	CADCZK	9:30:00 AM	16.963	16.98			N/A
3/11/2019	CADCZK	11:30:00 AM	16.985	17.001			N/A
3/11/2019	CADCZK	1:30:00 PM	16.992	17.006			N/A
3/11/2019	CADCZK	3:30:00 PM	16.983	16.995			N/A
3/12/2019	CADCZK	9:30:00 AM	16.996	17.009			N/A
3/12/2019	CADCZK	11:30:00 AM					N/A
3/12/2019	CADCZK	1:30:00 PM	16.988	17			N/A
3/12/2019	CADCZK	3:30:00 PM	16.976	16.994			N/A
3/13/2019	CADCZK	9:30:00 AM	17.001	17.018			N/A
3/13/2019	CADCZK	11:30:00 AM	17.004	17.022			N/A
3/13/2019	CADCZK	1:30:00 PM	16.999	17.016			N/A
3/13/2019	CADCZK	3:30:00 PM	17.002	17.012			N/A
3/14/2019	CADCZK	9:30:00 AM	16.993	17.009			N/A
3/14/2019	CADCZK	11:30:00 AM					N/A
3/14/2019	CADCZK	1:30:00 PM	17.021	17.035			N/A
3/14/2019	CADCZK	3:30:00 PM	17.014	17.027			N/A
3/15/2019	CADCZK	9:30:00 AM	17.035	17.05			N/A
3/15/2019	CADCZK	11:30:00 AM	17.018	17.034			N/A
3/15/2019	CADCZK	1:30:00 PM	17.002	17.02			N/A
3/15/2019	CADCZK	3:30:00 PM	16.959	16.971			N/A
3/18/2019	CADCZK	9:30:00 AM	16.973	16.989			N/A
3/18/2019	CADCZK	11:30:00 AM					N/A
3/18/2019	CADCZK	1:30:00 PM	16.935	16.95			N/A
3/18/2019	CADCZK	3:30:00 PM	16.905	16.919			N/A
3/19/2019	CADCZK	9:30:00 AM	16.903	16.921			N/A
3/19/2019	CADCZK	11:30:00 AM	16.917	16.931			N/A
3/19/2019	CADCZK	1:30:00 PM	16.923	16.937			N/A

3/19/2019	CADCZK	3:30:00 PM	16.993	17.007			N/A
3/20/2019	CADCZK	9:30:00 AM	16.91	16.925			N/A
3/20/2019	CADCZK	11:30:00 AM					N/A
3/20/2019	CADCZK	1:30:00 PM	16.915	16.932			N/A
3/20/2019	CADCZK	3:30:00 PM	16.929	16.945			N/A
3/21/2019	CADCZK	9:30:00 AM	16.862	16.877			N/A
3/21/2019	CADCZK	11:30:00 AM					N/A
3/21/2019	CADCZK	1:30:00 PM	16.875	16.891			N/A
3/21/2019	CADCZK	3:30:00 PM	16.861	16.872			N/A
3/22/2019	CADCZK	9:30:00 AM	16.852	16.868			N/A
3/22/2019	CADCZK	11:30:00 AM					N/A
3/22/2019	CADCZK	1:30:00 PM	16.966	16.976			N/A
3/22/2019	CADCZK	3:30:00 PM	16.97	16.985			N/A
3/25/2019	CADCZK	9:30:00 AM	16.955	16.968			N/A
3/25/2019	CADCZK	11:30:00 AM	16.938	16.95			N/A
3/25/2019	CADCZK	1:30:00 PM	16.954	16.965			N/A
3/25/2019	CADCZK	3:30:00 PM	16.929	16.937			N/A
3/26/2019	CADCZK	9:30:00 AM	16.978	16.996			N/A
3/26/2019	CADCZK	11:30:00 AM					N/A
3/26/2019	CADCZK	1:30:00 PM	16.982	16.996			N/A
3/26/2019	CADCZK	3:30:00 PM	17.019	17.032			N/A
3/27/2019	CADCZK	9:30:00 AM	17.061	17.074			N/A
3/27/2019	CADCZK	11:30:00 AM	17.047	17.063			N/A
3/27/2019	CADCZK	1:30:00 PM	17.036	17.051			N/A
3/27/2019	CADCZK	3:30:00 PM	17.071	17.085			N/A
3/28/2019	CADCZK	9:30:00 AM	17.062	17.079			N/A
3/28/2019	CADCZK	11:30:00 AM					N/A
3/28/2019	CADCZK	1:30:00 PM	17.074	17.086			N/A
3/28/2019	CADCZK	3:30:00 PM	17.08	17.091			N/A
3/29/2019	CADCZK	9:30:00 AM	17.077	17.095			N/A
3/29/2019	CADCZK	11:30:00 AM	17.128	17.142			N/A
3/29/2019	CADCZK	1:30:00 PM	17.114	17.13			N/A
3/29/2019	CADCZK	3:30:00 PM	17.171	17.185			N/A
1/1/2019	CADDKK	9:30:00 AM					N/A
1/1/2019	CADDKK	11:30:00 AM					N/A
1/1/2019	CADDKK	1:30:00 PM					N/A
1/1/2019	CADDKK	3:30:00 PM					N/A
1/2/2019	CADDKK	9:30:00 AM					N/A
1/2/2019	CADDKK	11:30:00 AM					N/A
1/2/2019	CADDKK	1:30:00 PM					N/A
1/2/2019	CADDKK	3:30:00 PM					N/A
1/3/2019	CADDKK	9:30:00 AM					N/A
1/3/2019	CADDKK	11:30:00 AM					N/A
1/3/2019	CADDKK	1:30:00 PM					N/A
1/3/2019	CADDKK	3:30:00 PM					N/A
1/4/2019	CADDKK	9:30:00 AM					N/A
1/4/2019	CADDKK	11:30:00 AM					N/A
1/4/2019	CADDKK	1:30:00 PM					N/A
1/4/2019	CADDKK	3:30:00 PM					N/A
1/7/2019	CADDKK	9:30:00 AM	4.896	4.899			N/A

1/7/2019	CADDKK	11:30:00 AM					N/A
1/7/2019	CADDKK	1:30:00 PM					N/A
1/7/2019	CADDKK	3:30:00 PM	4.887	4.89			N/A
1/8/2019	CADDKK	9:30:00 AM	4.912	4.916			N/A
1/8/2019	CADDKK	11:30:00 AM	4.91	4.914			N/A
1/8/2019	CADDKK	1:30:00 PM					N/A
1/8/2019	CADDKK	3:30:00 PM	4.907	4.91			N/A
1/9/2019	CADDKK	9:30:00 AM					N/A
1/9/2019	CADDKK	11:30:00 AM					N/A
1/9/2019	CADDKK	1:30:00 PM	4.926	4.929			N/A
1/9/2019	CADDKK	3:30:00 PM					N/A
1/10/2019	CADDKK	9:30:00 AM					N/A
1/10/2019	CADDKK	11:30:00 AM	4.892	4.895			N/A
1/10/2019	CADDKK	1:30:00 PM	4.897	4.901			N/A
1/10/2019	CADDKK	3:30:00 PM	4.895	4.897			N/A
1/11/2019	CADDKK	9:30:00 AM	4.903	4.906			N/A
1/11/2019	CADDKK	11:30:00 AM					N/A
1/11/2019	CADDKK	1:30:00 PM					N/A
1/11/2019	CADDKK	3:30:00 PM	4.896	4.899			N/A
1/14/2019	CADDKK	9:30:00 AM	4.898	4.901			N/A
1/14/2019	CADDKK	11:30:00 AM					N/A
1/14/2019	CADDKK	1:30:00 PM					N/A
1/14/2019	CADDKK	3:30:00 PM					N/A
1/15/2019	CADDKK	9:30:00 AM					N/A
1/15/2019	CADDKK	11:30:00 AM					N/A
1/15/2019	CADDKK	1:30:00 PM					N/A
1/15/2019	CADDKK	3:30:00 PM	4.928	4.929			N/A
1/16/2019	CADDKK	9:30:00 AM	4.938	4.942			N/A
1/16/2019	CADDKK	11:30:00 AM	4.926	4.93			N/A
1/16/2019	CADDKK	1:30:00 PM	4.934	4.937			N/A
1/16/2019	CADDKK	3:30:00 PM	4.94	4.944			N/A
1/17/2019	CADDKK	9:30:00 AM	4.934	4.938			N/A
1/17/2019	CADDKK	11:30:00 AM					N/A
1/17/2019	CADDKK	1:30:00 PM	4.928	4.932			N/A
1/17/2019	CADDKK	3:30:00 PM	4.92	4.921			N/A
1/18/2019	CADDKK	9:30:00 AM					N/A
1/18/2019	CADDKK	11:30:00 AM	4.935	4.938			N/A
1/18/2019	CADDKK	1:30:00 PM					N/A
1/18/2019	CADDKK	3:30:00 PM	4.944	4.935			N/A
1/21/2019	CADDKK	9:30:00 AM	4.94	4.944			N/A
1/21/2019	CADDKK	11:30:00 AM					N/A
1/21/2019	CADDKK	1:30:00 PM					N/A
1/21/2019	CADDKK	3:30:00 PM	4.938	4.94			N/A
1/22/2019	CADDKK	9:30:00 AM					N/A
1/22/2019	CADDKK	11:30:00 AM	4.928	4.931			N/A
1/22/2019	CADDKK	1:30:00 PM	4.931	4.935			N/A
1/22/2019	CADDKK	3:30:00 PM	4.933	4.936			N/A
1/23/2019	CADDKK	9:30:00 AM					N/A
1/23/2019	CADDKK	11:30:00 AM					N/A
1/23/2019	CADDKK	1:30:00 PM					N/A

1/23/2019	CADDKK	3:30:00 PM	4.93	4.93			N/A
1/24/2019	CADDKK	9:30:00 AM					N/A
1/24/2019	CADDKK	11:30:00 AM	4.928	4.932			N/A
1/24/2019	CADDKK	1:30:00 PM	4.928	4.93			N/A
1/24/2019	CADDKK	3:30:00 PM					N/A
1/25/2019	CADDKK	9:30:00 AM	4.952	4.956			N/A
1/25/2019	CADDKK	11:30:00 AM					N/A
1/25/2019	CADDKK	1:30:00 PM	4.941	4.942			N/A
1/25/2019	CADDKK	3:30:00 PM	4.942	4.946			N/A
1/28/2019	CADDKK	9:30:00 AM	4.948	4.951			N/A
1/28/2019	CADDKK	11:30:00 AM	4.949	4.953			N/A
1/28/2019	CADDKK	1:30:00 PM					N/A
1/28/2019	CADDKK	3:30:00 PM	4.933	4.937			N/A
1/29/2019	CADDKK	9:30:00 AM	4.921	4.925			N/A
1/29/2019	CADDKK	11:30:00 AM					N/A
1/29/2019	CADDKK	1:30:00 PM	4.923	4.926			N/A
1/29/2019	CADDKK	3:30:00 PM					N/A
1/30/2019	CADDKK	9:30:00 AM					N/A
1/30/2019	CADDKK	11:30:00 AM					N/A
1/30/2019	CADDKK	1:30:00 PM					N/A
1/30/2019	CADDKK	3:30:00 PM					N/A
1/31/2019	CADDKK	9:30:00 AM	4.937	4.941			N/A
1/31/2019	CADDKK	11:30:00 AM					N/A
1/31/2019	CADDKK	1:30:00 PM					N/A
1/31/2019	CADDKK	3:30:00 PM	4.944	4.945			N/A
2/1/2019	CADDKK	9:30:00 AM	4.958	4.961			N/A
2/1/2019	CADDKK	11:30:00 AM	4.954	4.957			N/A
2/1/2019	CADDKK	1:30:00 PM	4.952	4.955			N/A
2/1/2019	CADDKK	3:30:00 PM	4.954	4.955			N/A
2/4/2019	CADDKK	9:30:00 AM					N/A
2/4/2019	CADDKK	11:30:00 AM					N/A
2/4/2019	CADDKK	1:30:00 PM	4.979	4.982			N/A
2/4/2019	CADDKK	3:30:00 PM	4.97	4.974			N/A
2/5/2019	CADDKK	9:30:00 AM					N/A
2/5/2019	CADDKK	11:30:00 AM	4.986	4.988			N/A
2/5/2019	CADDKK	1:30:00 PM					N/A
2/5/2019	CADDKK	3:30:00 PM					N/A
2/6/2019	CADDKK	9:30:00 AM					N/A
2/6/2019	CADDKK	11:30:00 AM					N/A
2/6/2019	CADDKK	1:30:00 PM					N/A
2/6/2019	CADDKK	3:30:00 PM	4.972	4.973			N/A
2/7/2019	CADDKK	9:30:00 AM					N/A
2/7/2019	CADDKK	11:30:00 AM					N/A
2/7/2019	CADDKK	1:30:00 PM					N/A
2/7/2019	CADDKK	3:30:00 PM	4.955	4.958			N/A
2/8/2019	CADDKK	9:30:00 AM	4.943	4.946			N/A
2/8/2019	CADDKK	11:30:00 AM					N/A
2/8/2019	CADDKK	1:30:00 PM	4.941	4.945			N/A
2/8/2019	CADDKK	3:30:00 PM	4.963	4.946			N/A
2/11/2019	CADDKK	9:30:00 AM	4.957	4.961			N/A

2/11/2019	CADDKK	11:30:00 AM	4.965	4.969			N/A
2/11/2019	CADDKK	1:30:00 PM					N/A
2/11/2019	CADDKK	3:30:00 PM					N/A
2/12/2019	CADDKK	9:30:00 AM					N/A
2/12/2019	CADDKK	11:30:00 AM					N/A
2/12/2019	CADDKK	1:30:00 PM	4.985	4.989			N/A
2/12/2019	CADDKK	3:30:00 PM					N/A
2/13/2019	CADDKK	9:30:00 AM					N/A
2/13/2019	CADDKK	11:30:00 AM	4.978	4.982			N/A
2/13/2019	CADDKK	1:30:00 PM					N/A
2/13/2019	CADDKK	3:30:00 PM	4.981	4.983			N/A
2/14/2019	CADDKK	9:30:00 AM	4.995	4.998			N/A
2/14/2019	CADDKK	11:30:00 AM					N/A
2/14/2019	CADDKK	1:30:00 PM	4.989	4.993			N/A
2/14/2019	CADDKK	3:30:00 PM					N/A
2/15/2019	CADDKK	9:30:00 AM					N/A
2/15/2019	CADDKK	11:30:00 AM					N/A
2/15/2019	CADDKK	1:30:00 PM					N/A
2/15/2019	CADDKK	3:30:00 PM					N/A
2/18/2019	CADDKK	9:30:00 AM					N/A
2/18/2019	CADDKK	11:30:00 AM					N/A
2/18/2019	CADDKK	1:30:00 PM					N/A
2/18/2019	CADDKK	3:30:00 PM					N/A
2/19/2019	CADDKK	9:30:00 AM					N/A
2/19/2019	CADDKK	11:30:00 AM					N/A
2/19/2019	CADDKK	1:30:00 PM					N/A
2/19/2019	CADDKK	3:30:00 PM					N/A
2/20/2019	CADDKK	9:30:00 AM					N/A
2/20/2019	CADDKK	11:30:00 AM					N/A
2/20/2019	CADDKK	1:30:00 PM					N/A
2/20/2019	CADDKK	3:30:00 PM	4.988	4.99			N/A
2/21/2019	CADDKK	9:30:00 AM	4.989	4.992			N/A
2/21/2019	CADDKK	11:30:00 AM	4.986	4.99			N/A
2/21/2019	CADDKK	1:30:00 PM					N/A
2/21/2019	CADDKK	3:30:00 PM	4.991	4.995			N/A
2/22/2019	CADDKK	9:30:00 AM					N/A
2/22/2019	CADDKK	11:30:00 AM					N/A
2/22/2019	CADDKK	1:30:00 PM	4.981	4.985			N/A
2/22/2019	CADDKK	3:30:00 PM	4.976	4.98			N/A
2/25/2019	CADDKK	9:30:00 AM	5.006	5.01			N/A
2/25/2019	CADDKK	11:30:00 AM					N/A
2/25/2019	CADDKK	1:30:00 PM					N/A
2/25/2019	CADDKK	3:30:00 PM	4.995	4.998			N/A
2/26/2019	CADDKK	9:30:00 AM					N/A
2/26/2019	CADDKK	11:30:00 AM					N/A
2/26/2019	CADDKK	1:30:00 PM					N/A
2/26/2019	CADDKK	3:30:00 PM	4.965	4.968			N/A
2/27/2019	CADDKK	9:30:00 AM	4.979	4.982			N/A
2/27/2019	CADDKK	11:30:00 AM					N/A
2/27/2019	CADDKK	1:30:00 PM	4.98	4.984			N/A

2/27/2019	CADDKK	3:30:00 PM	4.983	4.984			N/A
2/28/2019	CADDKK	9:30:00 AM	4.976	4.98			N/A
2/28/2019	CADDKK	11:30:00 AM					N/A
2/28/2019	CADDKK	1:30:00 PM	4.963	4.967			N/A
2/28/2019	CADDKK	3:30:00 PM	4.96	4.96			N/A
3/1/2019	CADDKK	9:30:00 AM	4.993	4.996			N/A
3/1/2019	CADDKK	11:30:00 AM	4.997	5.001			N/A
3/1/2019	CADDKK	1:30:00 PM	4.99	4.994			N/A
3/1/2019	CADDKK	3:30:00 PM	4.969	4.967			N/A
3/4/2019	CADDKK	9:30:00 AM					N/A
3/4/2019	CADDKK	11:30:00 AM					N/A
3/4/2019	CADDKK	1:30:00 PM	4.942	4.945			N/A
3/4/2019	CADDKK	3:30:00 PM	4.943	4.946			N/A
3/5/2019	CADDKK	9:30:00 AM	4.943	4.945			N/A
3/5/2019	CADDKK	11:30:00 AM					N/A
3/5/2019	CADDKK	1:30:00 PM					N/A
3/5/2019	CADDKK	3:30:00 PM					N/A
3/6/2019	CADDKK	9:30:00 AM					N/A
3/6/2019	CADDKK	11:30:00 AM					N/A
3/6/2019	CADDKK	1:30:00 PM	4.935	4.939			N/A
3/6/2019	CADDKK	3:30:00 PM	4.928	4.93			N/A
3/7/2019	CADDKK	9:30:00 AM					N/A
3/7/2019	CADDKK	11:30:00 AM					N/A
3/7/2019	CADDKK	1:30:00 PM					N/A
3/7/2019	CADDKK	3:30:00 PM	4.929	4.932			N/A
3/8/2019	CADDKK	9:30:00 AM	4.945	4.948			N/A
3/8/2019	CADDKK	11:30:00 AM					N/A
3/8/2019	CADDKK	1:30:00 PM					N/A
3/8/2019	CADDKK	3:30:00 PM	4.941	4.944			N/A
3/11/2019	CADDKK	9:30:00 AM					N/A
3/11/2019	CADDKK	11:30:00 AM	4.944	4.947			N/A
3/11/2019	CADDKK	1:30:00 PM	4.945	4.948			N/A
3/11/2019	CADDKK	3:30:00 PM	4.943	4.945			N/A
3/12/2019	CADDKK	9:30:00 AM	4.945	4.949			N/A
3/12/2019	CADDKK	11:30:00 AM					N/A
3/12/2019	CADDKK	1:30:00 PM	4.941	4.944			N/A
3/12/2019	CADDKK	3:30:00 PM	4.938	4.942			N/A
3/13/2019	CADDKK	9:30:00 AM					N/A
3/13/2019	CADDKK	11:30:00 AM					N/A
3/13/2019	CADDKK	1:30:00 PM					N/A
3/13/2019	CADDKK	3:30:00 PM	4.946	4.949			N/A
3/14/2019	CADDKK	9:30:00 AM	4.946	4.949			N/A
3/14/2019	CADDKK	11:30:00 AM					N/A
3/14/2019	CADDKK	1:30:00 PM	4.953	4.957			N/A
3/14/2019	CADDKK	3:30:00 PM	4.95	4.954			N/A
3/15/2019	CADDKK	9:30:00 AM					N/A
3/15/2019	CADDKK	11:30:00 AM					N/A
3/15/2019	CADDKK	1:30:00 PM	4.948	4.952			N/A
3/15/2019	CADDKK	3:30:00 PM	4.936	4.94			N/A
3/18/2019	CADDKK	9:30:00 AM					N/A

3/18/2019	CADDKK	11:30:00 AM					N/A
3/18/2019	CADDKK	1:30:00 PM	4.934	4.937			N/A
3/18/2019	CADDKK	3:30:00 PM	4.929	4.933			N/A
3/19/2019	CADDKK	9:30:00 AM					N/A
3/19/2019	CADDKK	11:30:00 AM	4.934	4.938			N/A
3/19/2019	CADDKK	1:30:00 PM	4.936	4.94			N/A
3/19/2019	CADDKK	3:30:00 PM	4.957	4.961			N/A
3/20/2019	CADDKK	9:30:00 AM					N/A
3/20/2019	CADDKK	11:30:00 AM					N/A
3/20/2019	CADDKK	1:30:00 PM					N/A
3/20/2019	CADDKK	3:30:00 PM	4.931	4.934			N/A
3/21/2019	CADDKK	9:30:00 AM	4.912	4.916			N/A
3/21/2019	CADDKK	11:30:00 AM	4.917	4.921			N/A
3/21/2019	CADDKK	1:30:00 PM					N/A
3/21/2019	CADDKK	3:30:00 PM	4.911	4.914			N/A
3/22/2019	CADDKK	9:30:00 AM					N/A
3/22/2019	CADDKK	11:30:00 AM					N/A
3/22/2019	CADDKK	1:30:00 PM					N/A
3/22/2019	CADDKK	3:30:00 PM					N/A
3/25/2019	CADDKK	9:30:00 AM					N/A
3/25/2019	CADDKK	11:30:00 AM	4.916	4.92			N/A
3/25/2019	CADDKK	1:30:00 PM	4.916	4.919			N/A
3/25/2019	CADDKK	3:30:00 PM	4.909	4.913			N/A
3/26/2019	CADDKK	9:30:00 AM					N/A
3/26/2019	CADDKK	11:30:00 AM					N/A
3/26/2019	CADDKK	1:30:00 PM	4.924	4.928			N/A
3/26/2019	CADDKK	3:30:00 PM	4.933	4.936			N/A
3/27/2019	CADDKK	9:30:00 AM	4.947	4.951			N/A
3/27/2019	CADDKK	11:30:00 AM					N/A
3/27/2019	CADDKK	1:30:00 PM	4.937	4.941			N/A
3/27/2019	CADDKK	3:30:00 PM	4.945	4.949			N/A
3/28/2019	CADDKK	9:30:00 AM					N/A
3/28/2019	CADDKK	11:30:00 AM					N/A
3/28/2019	CADDKK	1:30:00 PM	4.946	4.949			N/A
3/28/2019	CADDKK	3:30:00 PM	4.95	4.954			N/A
3/29/2019	CADDKK	9:30:00 AM					N/A
3/29/2019	CADDKK	11:30:00 AM	4.953	4.956			N/A
3/29/2019	CADDKK	1:30:00 PM	4.952	4.956			N/A
3/29/2019	CADDKK	3:30:00 PM	4.972	4.976			N/A
1/1/2019	CADHKD	9:30:00 AM					N/A
1/1/2019	CADHKD	11:30:00 AM					N/A
1/1/2019	CADHKD	1:30:00 PM					N/A
1/1/2019	CADHKD	3:30:00 PM					N/A
1/2/2019	CADHKD	9:30:00 AM					N/A
1/2/2019	CADHKD	11:30:00 AM					N/A
1/2/2019	CADHKD	1:30:00 PM					N/A
1/2/2019	CADHKD	3:30:00 PM					N/A
1/3/2019	CADHKD	9:30:00 AM					N/A
1/3/2019	CADHKD	11:30:00 AM					N/A
1/3/2019	CADHKD	1:30:00 PM					N/A

1/3/2019	CADHKD	3:30:00 PM					N/A
1/4/2019	CADHKD	9:30:00 AM					N/A
1/4/2019	CADHKD	11:30:00 AM					N/A
1/4/2019	CADHKD	1:30:00 PM					N/A
1/4/2019	CADHKD	3:30:00 PM					N/A
1/7/2019	CADHKD	9:30:00 AM	5.8617	5.8655			N/A
1/7/2019	CADHKD	11:30:00 AM					N/A
1/7/2019	CADHKD	1:30:00 PM	5.8601	5.864			N/A
1/7/2019	CADHKD	3:30:00 PM	5.871	5.874			N/A
1/8/2019	CADHKD	9:30:00 AM	5.8987	5.9026			N/A
1/8/2019	CADHKD	11:30:00 AM	5.9053	5.9085			N/A
1/8/2019	CADHKD	1:30:00 PM	5.8978	5.9015			N/A
1/8/2019	CADHKD	3:30:00 PM	5.8927	5.8966			N/A
1/9/2019	CADHKD	9:30:00 AM	5.9225	5.9264			N/A
1/9/2019	CADHKD	11:30:00 AM					N/A
1/9/2019	CADHKD	1:30:00 PM	5.9179	5.9195			N/A
1/9/2019	CADHKD	3:30:00 PM	5.9205	5.9241			N/A
1/10/2019	CADHKD	9:30:00 AM	5.9173	5.9211			N/A
1/10/2019	CADHKD	11:30:00 AM	5.9192	5.923			N/A
1/10/2019	CADHKD	1:30:00 PM	5.9304	5.9343			N/A
1/10/2019	CADHKD	3:30:00 PM	5.9278	5.9304			N/A
1/11/2019	CADHKD	9:30:00 AM	5.937	5.9407			N/A
1/11/2019	CADHKD	11:30:00 AM					N/A
1/11/2019	CADHKD	1:30:00 PM	5.9378	5.9417			N/A
1/11/2019	CADHKD	3:30:00 PM	5.9299	5.9312			N/A
1/14/2019	CADHKD	9:30:00 AM	5.8978	5.9017			N/A
1/14/2019	CADHKD	11:30:00 AM	5.9088	5.9127			N/A
1/14/2019	CADHKD	1:30:00 PM	5.9036	5.9064			N/A
1/14/2019	CADHKD	3:30:00 PM	5.9068	5.9107			N/A
1/15/2019	CADHKD	9:30:00 AM	5.9142	5.9176			N/A
1/15/2019	CADHKD	11:30:00 AM					N/A
1/15/2019	CADHKD	1:30:00 PM	5.9143	5.9181			N/A
1/15/2019	CADHKD	3:30:00 PM	5.9138	5.9159			N/A
1/16/2019	CADHKD	9:30:00 AM	5.9175	5.9213			N/A
1/16/2019	CADHKD	11:30:00 AM	5.9135	5.9172			N/A
1/16/2019	CADHKD	1:30:00 PM	5.9065	5.9104			N/A
1/16/2019	CADHKD	3:30:00 PM	5.9144	5.9178			N/A
1/17/2019	CADHKD	9:30:00 AM	5.8992	5.9032			N/A
1/17/2019	CADHKD	11:30:00 AM					N/A
1/17/2019	CADHKD	1:30:00 PM	5.903	5.9068			N/A
1/17/2019	CADHKD	3:30:00 PM	5.8904	5.8922			N/A
1/18/2019	CADHKD	9:30:00 AM	5.911	5.9148			N/A
1/18/2019	CADHKD	11:30:00 AM	5.9072	5.9111			N/A
1/18/2019	CADHKD	1:30:00 PM	5.9136	5.9175			N/A
1/18/2019	CADHKD	3:30:00 PM	5.9253	5.9117			N/A
1/21/2019	CADHKD	9:30:00 AM	5.909	5.913			N/A
1/21/2019	CADHKD	11:30:00 AM					N/A
1/21/2019	CADHKD	1:30:00 PM	5.899	5.9029			N/A
1/21/2019	CADHKD	3:30:00 PM	5.8934	5.8972			N/A
1/22/2019	CADHKD	9:30:00 AM	5.8823	5.8855			N/A

1/22/2019	CADHKD	11:30:00 AM	5.8831	5.8869			N/A
1/22/2019	CADHKD	1:30:00 PM	5.8854	5.8891			N/A
1/22/2019	CADHKD	3:30:00 PM	5.885	5.8877			N/A
1/23/2019	CADHKD	9:30:00 AM	5.8852	5.8889			N/A
1/23/2019	CADHKD	11:30:00 AM					N/A
1/23/2019	CADHKD	1:30:00 PM	5.889	5.8928			N/A
1/23/2019	CADHKD	3:30:00 PM	5.8891	5.8873			N/A
1/24/2019	CADHKD	9:30:00 AM	5.8694	5.8733			N/A
1/24/2019	CADHKD	11:30:00 AM	5.8734	5.8773			N/A
1/24/2019	CADHKD	1:30:00 PM	5.8729	5.8767			N/A
1/24/2019	CADHKD	3:30:00 PM	5.8711	5.875			N/A
1/25/2019	CADHKD	9:30:00 AM	5.891	5.8938			N/A
1/25/2019	CADHKD	11:30:00 AM					N/A
1/25/2019	CADHKD	1:30:00 PM	5.8897	5.8936			N/A
1/25/2019	CADHKD	3:30:00 PM	5.8933	5.8969			N/A
1/28/2019	CADHKD	9:30:00 AM	5.9339	5.9374			N/A
1/28/2019	CADHKD	11:30:00 AM	5.9302	5.9341			N/A
1/28/2019	CADHKD	1:30:00 PM	5.9312	5.9351			N/A
1/28/2019	CADHKD	3:30:00 PM	5.9199	5.9238			N/A
1/29/2019	CADHKD	9:30:00 AM	5.916	5.9199			N/A
1/29/2019	CADHKD	11:30:00 AM					N/A
1/29/2019	CADHKD	1:30:00 PM	5.9131	5.9169			N/A
1/29/2019	CADHKD	3:30:00 PM	5.9149	5.9189			N/A
1/30/2019	CADHKD	9:30:00 AM	5.9132	5.9171			N/A
1/30/2019	CADHKD	11:30:00 AM	5.9197	5.9235			N/A
1/30/2019	CADHKD	1:30:00 PM	5.9243	5.9282			N/A
1/30/2019	CADHKD	3:30:00 PM	5.9333	5.9365			N/A
1/31/2019	CADHKD	9:30:00 AM	5.9737	5.9776			N/A
1/31/2019	CADHKD	11:30:00 AM					N/A
1/31/2019	CADHKD	1:30:00 PM	5.9719	5.9757			N/A
1/31/2019	CADHKD	3:30:00 PM	5.9718	5.9687			N/A
2/1/2019	CADHKD	9:30:00 AM	5.9619	5.965			N/A
2/1/2019	CADHKD	11:30:00 AM	5.965	5.9681			N/A
2/1/2019	CADHKD	1:30:00 PM	5.97	5.9732			N/A
2/1/2019	CADHKD	3:30:00 PM	5.9727	5.9731			N/A
2/4/2019	CADHKD	9:30:00 AM	5.9864	5.9903			N/A
2/4/2019	CADHKD	11:30:00 AM					N/A
2/4/2019	CADHKD	1:30:00 PM	5.9896	5.9933			N/A
2/4/2019	CADHKD	3:30:00 PM	5.9806	5.9841			N/A
2/5/2019	CADHKD	9:30:00 AM	5.982	5.9859			N/A
2/5/2019	CADHKD	11:30:00 AM	5.9823	5.9862			N/A
2/5/2019	CADHKD	1:30:00 PM	5.9822	5.9861			N/A
2/5/2019	CADHKD	3:30:00 PM	5.9754	5.9785			N/A
2/6/2019	CADHKD	9:30:00 AM	5.9493	5.9532			N/A
2/6/2019	CADHKD	11:30:00 AM					N/A
2/6/2019	CADHKD	1:30:00 PM	5.9431	5.9469			N/A
2/6/2019	CADHKD	3:30:00 PM	5.952	5.9539			N/A
2/7/2019	CADHKD	9:30:00 AM	5.9218	5.9258			N/A
2/7/2019	CADHKD	11:30:00 AM	5.9239	5.9279			N/A
2/7/2019	CADHKD	1:30:00 PM	5.9185	5.9223			N/A

2/7/2019	CADHKD	3:30:00 PM	5.9084	5.9106			N/A
2/8/2019	CADHKD	9:30:00 AM	5.8893	5.8931			N/A
2/8/2019	CADHKD	11:30:00 AM					N/A
2/8/2019	CADHKD	1:30:00 PM	5.8895	5.8933			N/A
2/8/2019	CADHKD	3:30:00 PM	5.9214	5.8992			N/A
2/11/2019	CADHKD	9:30:00 AM	5.9033	5.9072			N/A
2/11/2019	CADHKD	11:30:00 AM	5.9083	5.9121			N/A
2/11/2019	CADHKD	1:30:00 PM	5.9128	5.9166			N/A
2/11/2019	CADHKD	3:30:00 PM	5.9071	5.9107			N/A
2/12/2019	CADHKD	9:30:00 AM	5.9077	5.9116			N/A
2/12/2019	CADHKD	11:30:00 AM					N/A
2/12/2019	CADHKD	1:30:00 PM	5.9124	5.9157			N/A
2/12/2019	CADHKD	3:30:00 PM	5.9183	5.9217			N/A
2/13/2019	CADHKD	9:30:00 AM	5.9373	5.9413			N/A
2/13/2019	CADHKD	11:30:00 AM	5.9305	5.9336			N/A
2/13/2019	CADHKD	1:30:00 PM	5.9266	5.9305			N/A
2/13/2019	CADHKD	3:30:00 PM	5.9241	5.923			N/A
2/14/2019	CADHKD	9:30:00 AM	5.9274	5.9313			N/A
2/14/2019	CADHKD	11:30:00 AM					N/A
2/14/2019	CADHKD	1:30:00 PM	5.9149	5.9188			N/A
2/14/2019	CADHKD	3:30:00 PM					N/A
2/15/2019	CADHKD	9:30:00 AM					N/A
2/15/2019	CADHKD	11:30:00 AM					N/A
2/15/2019	CADHKD	1:30:00 PM					N/A
2/15/2019	CADHKD	3:30:00 PM					N/A
2/18/2019	CADHKD	9:30:00 AM	5.9288	5.9326			N/A
2/18/2019	CADHKD	11:30:00 AM					N/A
2/18/2019	CADHKD	1:30:00 PM	5.9249	5.9288			N/A
2/18/2019	CADHKD	3:30:00 PM	5.9272	5.9308			N/A
2/19/2019	CADHKD	9:30:00 AM	5.9193	5.9232			N/A
2/19/2019	CADHKD	11:30:00 AM	5.9171	5.9201			N/A
2/19/2019	CADHKD	1:30:00 PM	5.9196	5.9235			N/A
2/19/2019	CADHKD	3:30:00 PM	5.9254	5.9287			N/A
2/20/2019	CADHKD	9:30:00 AM	5.9471	5.951			N/A
2/20/2019	CADHKD	11:30:00 AM					N/A
2/20/2019	CADHKD	1:30:00 PM	5.9526	5.9566			N/A
2/20/2019	CADHKD	3:30:00 PM	5.9473	5.9505			N/A
2/21/2019	CADHKD	9:30:00 AM	5.9489	5.952			N/A
2/21/2019	CADHKD	11:30:00 AM	5.9443	5.9477			N/A
2/21/2019	CADHKD	1:30:00 PM	5.9481	5.952			N/A
2/21/2019	CADHKD	3:30:00 PM	5.9576	5.9608			N/A
2/22/2019	CADHKD	9:30:00 AM	5.9339	5.9373			N/A
2/22/2019	CADHKD	11:30:00 AM					N/A
2/22/2019	CADHKD	1:30:00 PM	5.9412	5.9439			N/A
2/22/2019	CADHKD	3:30:00 PM	5.934	5.9374			N/A
2/25/2019	CADHKD	9:30:00 AM	5.9774	5.981			N/A
2/25/2019	CADHKD	11:30:00 AM	5.9765	5.9804			N/A
2/25/2019	CADHKD	1:30:00 PM	5.9796	5.9835			N/A
2/25/2019	CADHKD	3:30:00 PM	5.965	5.9684			N/A
2/26/2019	CADHKD	9:30:00 AM	5.9413	5.9448			N/A

2/26/2019	CADHKD	11:30:00 AM					N/A
2/26/2019	CADHKD	1:30:00 PM	5.9379	5.9418			N/A
2/26/2019	CADHKD	3:30:00 PM	5.9339	5.9378			N/A
2/27/2019	CADHKD	9:30:00 AM	5.9563	5.9598			N/A
2/27/2019	CADHKD	11:30:00 AM	5.965	5.9682			N/A
2/27/2019	CADHKD	1:30:00 PM	5.9724	5.9763			N/A
2/27/2019	CADHKD	3:30:00 PM	5.9692	5.9697			N/A
2/28/2019	CADHKD	9:30:00 AM	5.958	5.9602			N/A
2/28/2019	CADHKD	11:30:00 AM					N/A
2/28/2019	CADHKD	1:30:00 PM	5.9595	5.9632			N/A
2/28/2019	CADHKD	3:30:00 PM	5.9504	5.9485			N/A
3/1/2019	CADHKD	9:30:00 AM	5.969	5.9729			N/A
3/1/2019	CADHKD	11:30:00 AM	5.9711	5.975			N/A
3/1/2019	CADHKD	1:30:00 PM	5.9723	5.9761			N/A
3/1/2019	CADHKD	3:30:00 PM	5.9483	5.9446			N/A
3/4/2019	CADHKD	9:30:00 AM	5.9043	5.9082			N/A
3/4/2019	CADHKD	11:30:00 AM					N/A
3/4/2019	CADHKD	1:30:00 PM	5.8935	5.8974			N/A
3/4/2019	CADHKD	3:30:00 PM	5.8957	5.8996			N/A
3/5/2019	CADHKD	9:30:00 AM	5.8853	5.8883			N/A
3/5/2019	CADHKD	11:30:00 AM	5.8801	5.884			N/A
3/5/2019	CADHKD	1:30:00 PM	5.8817	5.8848			N/A
3/5/2019	CADHKD	3:30:00 PM	5.8788	5.8826			N/A
3/6/2019	CADHKD	9:30:00 AM	5.872	5.876			N/A
3/6/2019	CADHKD	11:30:00 AM					N/A
3/6/2019	CADHKD	1:30:00 PM	5.8678	5.8716			N/A
3/6/2019	CADHKD	3:30:00 PM	5.8639	5.8659			N/A
3/7/2019	CADHKD	9:30:00 AM	5.8371	5.841			N/A
3/7/2019	CADHKD	11:30:00 AM	5.8402	5.8428			N/A
3/7/2019	CADHKD	1:30:00 PM	5.8444	5.847			N/A
3/7/2019	CADHKD	3:30:00 PM	5.8431	5.847			N/A
3/8/2019	CADHKD	9:30:00 AM	5.8295	5.8327			N/A
3/8/2019	CADHKD	11:30:00 AM					N/A
3/8/2019	CADHKD	1:30:00 PM	5.8328	5.8365			N/A
3/8/2019	CADHKD	3:30:00 PM	5.8341	5.838			N/A
3/11/2019	CADHKD	9:30:00 AM	5.8444	5.8483			N/A
3/11/2019	CADHKD	11:30:00 AM	5.849	5.8529			N/A
3/11/2019	CADHKD	1:30:00 PM	5.8475	5.8506			N/A
3/11/2019	CADHKD	3:30:00 PM	5.8494	5.8532			N/A
3/12/2019	CADHKD	9:30:00 AM	5.8565	5.8605			N/A
3/12/2019	CADHKD	11:30:00 AM					N/A
3/12/2019	CADHKD	1:30:00 PM	5.8508	5.8538			N/A
3/12/2019	CADHKD	3:30:00 PM	5.8585	5.862			N/A
3/13/2019	CADHKD	9:30:00 AM	5.8707	5.8746			N/A
3/13/2019	CADHKD	11:30:00 AM	5.8766	5.8805			N/A
3/13/2019	CADHKD	1:30:00 PM	5.8755	5.8794			N/A
3/13/2019	CADHKD	3:30:00 PM	5.8801	5.8806			N/A
3/14/2019	CADHKD	9:30:00 AM	5.8937	5.8976			N/A
3/14/2019	CADHKD	11:30:00 AM					N/A
3/14/2019	CADHKD	1:30:00 PM	5.8879	5.8914			N/A

3/14/2019	CADHKD	3:30:00 PM	5.883	5.8869			N/A
3/15/2019	CADHKD	9:30:00 AM	5.9011	5.905			N/A
3/15/2019	CADHKD	11:30:00 AM	5.8959	5.8998			N/A
3/15/2019	CADHKD	1:30:00 PM	5.8893	5.8927			N/A
3/15/2019	CADHKD	3:30:00 PM	5.8736	5.8755			N/A
3/18/2019	CADHKD	9:30:00 AM	5.8961	5.8999			N/A
3/18/2019	CADHKD	11:30:00 AM					N/A
3/18/2019	CADHKD	1:30:00 PM	5.8924	5.896			N/A
3/18/2019	CADHKD	3:30:00 PM	5.8813	5.8847			N/A
3/19/2019	CADHKD	9:30:00 AM	5.8844	5.8876			N/A
3/19/2019	CADHKD	11:30:00 AM	5.8905	5.8944			N/A
3/19/2019	CADHKD	1:30:00 PM	5.8974	5.8997			N/A
3/19/2019	CADHKD	3:30:00 PM	5.9182	5.9216			N/A
3/20/2019	CADHKD	9:30:00 AM	5.882	5.8848			N/A
3/20/2019	CADHKD	11:30:00 AM					N/A
3/20/2019	CADHKD	1:30:00 PM	5.8833	5.8871			N/A
3/20/2019	CADHKD	3:30:00 PM	5.8905	5.894			N/A
3/21/2019	CADHKD	9:30:00 AM	5.9019	5.9047			N/A
3/21/2019	CADHKD	11:30:00 AM	5.8945	5.8984			N/A
3/21/2019	CADHKD	1:30:00 PM	5.8838	5.8876			N/A
3/21/2019	CADHKD	3:30:00 PM	5.8808	5.8829			N/A
3/22/2019	CADHKD	9:30:00 AM	5.8725	5.8761			N/A
3/22/2019	CADHKD	11:30:00 AM					N/A
3/22/2019	CADHKD	1:30:00 PM	5.8582	5.862			N/A
3/22/2019	CADHKD	3:30:00 PM	5.8534	5.8564			N/A
3/25/2019	CADHKD	9:30:00 AM	5.8451	5.849			N/A
3/25/2019	CADHKD	11:30:00 AM	5.8494	5.8532			N/A
3/25/2019	CADHKD	1:30:00 PM	5.8434	5.8466			N/A
3/25/2019	CADHKD	3:30:00 PM	5.8396	5.8435			N/A
3/26/2019	CADHKD	9:30:00 AM	5.8556	5.8591			N/A
3/26/2019	CADHKD	11:30:00 AM					N/A
3/26/2019	CADHKD	1:30:00 PM	5.857	5.8608			N/A
3/26/2019	CADHKD	3:30:00 PM	5.8572	5.8593			N/A
3/27/2019	CADHKD	9:30:00 AM	5.8546	5.8585			N/A
3/27/2019	CADHKD	11:30:00 AM	5.8646	5.8675			N/A
3/27/2019	CADHKD	1:30:00 PM	5.8532	5.8569			N/A
3/27/2019	CADHKD	3:30:00 PM	5.8524	5.8548			N/A
3/28/2019	CADHKD	9:30:00 AM	5.8532	5.8571			N/A
3/28/2019	CADHKD	11:30:00 AM					N/A
3/28/2019	CADHKD	1:30:00 PM	5.8396	5.8436			N/A
3/28/2019	CADHKD	3:30:00 PM	5.8435	5.8468			N/A
3/29/2019	CADHKD	9:30:00 AM	5.8439	5.8478			N/A
3/29/2019	CADHKD	11:30:00 AM	5.8464	5.8503			N/A
3/29/2019	CADHKD	1:30:00 PM	5.8476	5.8514			N/A
3/29/2019	CADHKD	3:30:00 PM	5.8727	5.8764			N/A
1/1/2019	CADHUF	9:30:00 AM					N/A
1/1/2019	CADHUF	11:30:00 AM					N/A
1/1/2019	CADHUF	1:30:00 PM					N/A
1/1/2019	CADHUF	3:30:00 PM					N/A
1/2/2019	CADHUF	9:30:00 AM					N/A

1/2/2019	CADHUF	11:30:00 AM					N/A
1/2/2019	CADHUF	1:30:00 PM					N/A
1/2/2019	CADHUF	3:30:00 PM					N/A
1/3/2019	CADHUF	9:30:00 AM					N/A
1/3/2019	CADHUF	11:30:00 AM					N/A
1/3/2019	CADHUF	1:30:00 PM					N/A
1/3/2019	CADHUF	3:30:00 PM					N/A
1/4/2019	CADHUF	9:30:00 AM					N/A
1/4/2019	CADHUF	11:30:00 AM					N/A
1/4/2019	CADHUF	1:30:00 PM					N/A
1/4/2019	CADHUF	3:30:00 PM					N/A
1/7/2019	CADHUF	9:30:00 AM	210.31	210.43			N/A
1/7/2019	CADHUF	11:30:00 AM					N/A
1/7/2019	CADHUF	1:30:00 PM	209.95	210.05			N/A
1/7/2019	CADHUF	3:30:00 PM	210.05	210.17			N/A
1/8/2019	CADHUF	9:30:00 AM	211.31	211.39			N/A
1/8/2019	CADHUF	11:30:00 AM	211.26	211.37			N/A
1/8/2019	CADHUF	1:30:00 PM	211.41	211.58			N/A
1/8/2019	CADHUF	3:30:00 PM	211.51	211.57			N/A
1/9/2019	CADHUF	9:30:00 AM	211.76	211.91			N/A
1/9/2019	CADHUF	11:30:00 AM					N/A
1/9/2019	CADHUF	1:30:00 PM	212.07	212.13			N/A
1/9/2019	CADHUF	3:30:00 PM	212.18	212.34			N/A
1/10/2019	CADHUF	9:30:00 AM	210.08	210.23			N/A
1/10/2019	CADHUF	11:30:00 AM	210.75	210.83			N/A
1/10/2019	CADHUF	1:30:00 PM	210.76	210.87			N/A
1/10/2019	CADHUF	3:30:00 PM	210.38	210.38			N/A
1/11/2019	CADHUF	9:30:00 AM	210.88	211.05			N/A
1/11/2019	CADHUF	11:30:00 AM					N/A
1/11/2019	CADHUF	1:30:00 PM	211.13	211.29			N/A
1/11/2019	CADHUF	3:30:00 PM	210.86	210.93			N/A
1/14/2019	CADHUF	9:30:00 AM	210.66	210.81			N/A
1/14/2019	CADHUF	11:30:00 AM	210.95	211.09			N/A
1/14/2019	CADHUF	1:30:00 PM	210.87	211.02			N/A
1/14/2019	CADHUF	3:30:00 PM	211.16	211.3			N/A
1/15/2019	CADHUF	9:30:00 AM	211.29	211.42			N/A
1/15/2019	CADHUF	11:30:00 AM					N/A
1/15/2019	CADHUF	1:30:00 PM	212.36	212.51			N/A
1/15/2019	CADHUF	3:30:00 PM	213.05	213.07			N/A
1/16/2019	CADHUF	9:30:00 AM	213.83	213.92			N/A
1/16/2019	CADHUF	11:30:00 AM	213.47	213.61			N/A
1/16/2019	CADHUF	1:30:00 PM	212.6	212.68			N/A
1/16/2019	CADHUF	3:30:00 PM	212.87	212.95			N/A
1/17/2019	CADHUF	9:30:00 AM	212.62	212.75			N/A
1/17/2019	CADHUF	11:30:00 AM					N/A
1/17/2019	CADHUF	1:30:00 PM	211.59	211.69			N/A
1/17/2019	CADHUF	3:30:00 PM	210.78	210.78			N/A
1/18/2019	CADHUF	9:30:00 AM	211.25	211.38			N/A
1/18/2019	CADHUF	11:30:00 AM	210.83	210.89			N/A
1/18/2019	CADHUF	1:30:00 PM	210.47	210.63			N/A

1/18/2019	CADHUF	3:30:00 PM	210.61	210.22			N/A
1/21/2019	CADHUF	9:30:00 AM	210.34	210.48			N/A
1/21/2019	CADHUF	11:30:00 AM					N/A
1/21/2019	CADHUF	1:30:00 PM	210.14	210.3			N/A
1/21/2019	CADHUF	3:30:00 PM	210.01	210.15			N/A
1/22/2019	CADHUF	9:30:00 AM	209.86	209.88			N/A
1/22/2019	CADHUF	11:30:00 AM	209.73	209.82			N/A
1/22/2019	CADHUF	1:30:00 PM	209.95	210.09			N/A
1/22/2019	CADHUF	3:30:00 PM	210.02	210.1			N/A
1/23/2019	CADHUF	9:30:00 AM	209.95	210.11			N/A
1/23/2019	CADHUF	11:30:00 AM					N/A
1/23/2019	CADHUF	1:30:00 PM	210.01	210.19			N/A
1/23/2019	CADHUF	3:30:00 PM	209.96	209.96			N/A
1/24/2019	CADHUF	9:30:00 AM	209.11	209.28			N/A
1/24/2019	CADHUF	11:30:00 AM	210.22	210.37			N/A
1/24/2019	CADHUF	1:30:00 PM	210.32	210.39			N/A
1/24/2019	CADHUF	3:30:00 PM	210.14	210.28			N/A
1/25/2019	CADHUF	9:30:00 AM	211.12	211.27			N/A
1/25/2019	CADHUF	11:30:00 AM					N/A
1/25/2019	CADHUF	1:30:00 PM	210.55	210.58			N/A
1/25/2019	CADHUF	3:30:00 PM	210.54	210.7			N/A
1/28/2019	CADHUF	9:30:00 AM	210.38	210.53			N/A
1/28/2019	CADHUF	11:30:00 AM	210.61	210.76			N/A
1/28/2019	CADHUF	1:30:00 PM	210.35	210.53			N/A
1/28/2019	CADHUF	3:30:00 PM	209.71	209.82			N/A
1/29/2019	CADHUF	9:30:00 AM	209.11	209.28			N/A
1/29/2019	CADHUF	11:30:00 AM					N/A
1/29/2019	CADHUF	1:30:00 PM	209.04	209.2			N/A
1/29/2019	CADHUF	3:30:00 PM	209.28	209.45			N/A
1/30/2019	CADHUF	9:30:00 AM	209.03	209.18			N/A
1/30/2019	CADHUF	11:30:00 AM	209.28	209.45			N/A
1/30/2019	CADHUF	1:30:00 PM	209.46	209.64			N/A
1/30/2019	CADHUF	3:30:00 PM	209.48	209.64			N/A
1/31/2019	CADHUF	9:30:00 AM	208.71	208.77			N/A
1/31/2019	CADHUF	11:30:00 AM					N/A
1/31/2019	CADHUF	1:30:00 PM	209.41	209.56			N/A
1/31/2019	CADHUF	3:30:00 PM	209.03	209.01			N/A
2/1/2019	CADHUF	9:30:00 AM	209.62	209.72			N/A
2/1/2019	CADHUF	11:30:00 AM	210.44	210.46			N/A
2/1/2019	CADHUF	1:30:00 PM	210.82	211			N/A
2/1/2019	CADHUF	3:30:00 PM	211.05	211.03			N/A
2/4/2019	CADHUF	9:30:00 AM					N/A
2/4/2019	CADHUF	11:30:00 AM					N/A
2/4/2019	CADHUF	1:30:00 PM	211.75	211.92			N/A
2/4/2019	CADHUF	3:30:00 PM	211.54	211.68			N/A
2/5/2019	CADHUF	9:30:00 AM	211.69	211.86			N/A
2/5/2019	CADHUF	11:30:00 AM	212.05	212.08			N/A
2/5/2019	CADHUF	1:30:00 PM	211.99	212.12			N/A
2/5/2019	CADHUF	3:30:00 PM	211.6	211.76			N/A
2/6/2019	CADHUF	9:30:00 AM	211.71	211.84			N/A

2/6/2019	CADHUF	11:30:00 AM					N/A
2/6/2019	CADHUF	1:30:00 PM	211.82	211.99			N/A
2/6/2019	CADHUF	3:30:00 PM	212.15	212.1			N/A
2/7/2019	CADHUF	9:30:00 AM	211.84	212.01			N/A
2/7/2019	CADHUF	11:30:00 AM	212.59	212.74			N/A
2/7/2019	CADHUF	1:30:00 PM	212.5	212.65			N/A
2/7/2019	CADHUF	3:30:00 PM	212.01	212.06			N/A
2/8/2019	CADHUF	9:30:00 AM	210.93	211.09			N/A
2/8/2019	CADHUF	11:30:00 AM					N/A
2/8/2019	CADHUF	1:30:00 PM	210.89	211.07			N/A
2/8/2019	CADHUF	3:30:00 PM	211.59	210.82			N/A
2/11/2019	CADHUF	9:30:00 AM	211.62	211.73			N/A
2/11/2019	CADHUF	11:30:00 AM	212.55	212.71			N/A
2/11/2019	CADHUF	1:30:00 PM	212.86	213.03			N/A
2/11/2019	CADHUF	3:30:00 PM	212.81	212.95			N/A
2/12/2019	CADHUF	9:30:00 AM	213.2	213.36			N/A
2/12/2019	CADHUF	11:30:00 AM					N/A
2/12/2019	CADHUF	1:30:00 PM	212.44	212.57			N/A
2/12/2019	CADHUF	3:30:00 PM	212.25	212.4			N/A
2/13/2019	CADHUF	9:30:00 AM	212.37	212.54			N/A
2/13/2019	CADHUF	11:30:00 AM	211.8	211.92			N/A
2/13/2019	CADHUF	1:30:00 PM					N/A
2/13/2019	CADHUF	3:30:00 PM	212.28	212.43			N/A
2/14/2019	CADHUF	9:30:00 AM	213.1	213.27			N/A
2/14/2019	CADHUF	11:30:00 AM					N/A
2/14/2019	CADHUF	1:30:00 PM	213.04	213.2			N/A
2/14/2019	CADHUF	3:30:00 PM	213.01	213.14			N/A
2/15/2019	CADHUF	9:30:00 AM					N/A
2/15/2019	CADHUF	11:30:00 AM					N/A
2/15/2019	CADHUF	1:30:00 PM					N/A
2/15/2019	CADHUF	3:30:00 PM					N/A
2/18/2019	CADHUF	9:30:00 AM	212.23	212.4			N/A
2/18/2019	CADHUF	11:30:00 AM					N/A
2/18/2019	CADHUF	1:30:00 PM	211.88	212.05			N/A
2/18/2019	CADHUF	3:30:00 PM	212.08	212.22			N/A
2/19/2019	CADHUF	9:30:00 AM	212.06	212.23			N/A
2/19/2019	CADHUF	11:30:00 AM	212.1	212.26			N/A
2/19/2019	CADHUF	1:30:00 PM	212.81	212.93			N/A
2/19/2019	CADHUF	3:30:00 PM	212.75	212.85			N/A
2/20/2019	CADHUF	9:30:00 AM	212.14	212.31			N/A
2/20/2019	CADHUF	11:30:00 AM					N/A
2/20/2019	CADHUF	1:30:00 PM	212.43	212.6			N/A
2/20/2019	CADHUF	3:30:00 PM	212.06	212.2			N/A
2/21/2019	CADHUF	9:30:00 AM	211.96	211.94			N/A
2/21/2019	CADHUF	11:30:00 AM	211.9	212.05			N/A
2/21/2019	CADHUF	1:30:00 PM	211.95	212.1			N/A
2/21/2019	CADHUF	3:30:00 PM	212.25	212.35			N/A
2/22/2019	CADHUF	9:30:00 AM	211.36	211.47			N/A
2/22/2019	CADHUF	11:30:00 AM					N/A
2/22/2019	CADHUF	1:30:00 PM	212.08	212.24			N/A

2/22/2019	CADHUF	3:30:00 PM	211.84	211.96			N/A
2/25/2019	CADHUF	9:30:00 AM	212.78	212.94			N/A
2/25/2019	CADHUF	11:30:00 AM	213.2	213.38			N/A
2/25/2019	CADHUF	1:30:00 PM	212.96	213.12			N/A
2/25/2019	CADHUF	3:30:00 PM	212.61	212.65			N/A
2/26/2019	CADHUF	9:30:00 AM	211.77	211.92			N/A
2/26/2019	CADHUF	11:30:00 AM					N/A
2/26/2019	CADHUF	1:30:00 PM	211.13	211.3			N/A
2/26/2019	CADHUF	3:30:00 PM	210.88	210.97			N/A
2/27/2019	CADHUF	9:30:00 AM	211.19	211.33			N/A
2/27/2019	CADHUF	11:30:00 AM	210.99	211.15			N/A
2/27/2019	CADHUF	1:30:00 PM	211.19	211.34			N/A
2/27/2019	CADHUF	3:30:00 PM	211.19	211.21			N/A
2/28/2019	CADHUF	9:30:00 AM	210.94	211.08			N/A
2/28/2019	CADHUF	11:30:00 AM					N/A
2/28/2019	CADHUF	1:30:00 PM	210.16	210.26			N/A
2/28/2019	CADHUF	3:30:00 PM	209.94	209.96			N/A
3/1/2019	CADHUF	9:30:00 AM	211.44	211.49			N/A
3/1/2019	CADHUF	11:30:00 AM	211.38	211.51			N/A
3/1/2019	CADHUF	1:30:00 PM	211.18	211.33			N/A
3/1/2019	CADHUF	3:30:00 PM	210.42	210.32			N/A
3/4/2019	CADHUF	9:30:00 AM	209.1	209.26			N/A
3/4/2019	CADHUF	11:30:00 AM					N/A
3/4/2019	CADHUF	1:30:00 PM	209.17	209.33			N/A
3/4/2019	CADHUF	3:30:00 PM	209.07	209.2			N/A
3/5/2019	CADHUF	9:30:00 AM	209.2	209.27			N/A
3/5/2019	CADHUF	11:30:00 AM	208.56	208.65			N/A
3/5/2019	CADHUF	1:30:00 PM	208.65	208.81			N/A
3/5/2019	CADHUF	3:30:00 PM	208.65	208.79			N/A
3/6/2019	CADHUF	9:30:00 AM	208.86	209.03			N/A
3/6/2019	CADHUF	11:30:00 AM					N/A
3/6/2019	CADHUF	1:30:00 PM	208.62	208.79			N/A
3/6/2019	CADHUF	3:30:00 PM	208.37	208.42			N/A
3/7/2019	CADHUF	9:30:00 AM	207.53	207.69			N/A
3/7/2019	CADHUF	11:30:00 AM	207.32	207.45			N/A
3/7/2019	CADHUF	1:30:00 PM	207.5	207.65			N/A
3/7/2019	CADHUF	3:30:00 PM	208.24	208.28			N/A
3/8/2019	CADHUF	9:30:00 AM	209.64	209.8			N/A
3/8/2019	CADHUF	11:30:00 AM					N/A
3/8/2019	CADHUF	1:30:00 PM	209.22	209.39			N/A
3/8/2019	CADHUF	3:30:00 PM	209.1	209.22			N/A
3/11/2019	CADHUF	9:30:00 AM	208.93	208.98			N/A
3/11/2019	CADHUF	11:30:00 AM	208.87	209.02			N/A
3/11/2019	CADHUF	1:30:00 PM	209.32	209.46			N/A
3/11/2019	CADHUF	3:30:00 PM	209.14	209.24			N/A
3/12/2019	CADHUF	9:30:00 AM	209.11	209.27			N/A
3/12/2019	CADHUF	11:30:00 AM					N/A
3/12/2019	CADHUF	1:30:00 PM	209.05	209.14			N/A
3/12/2019	CADHUF	3:30:00 PM	208.61	208.76			N/A
3/13/2019	CADHUF	9:30:00 AM	208.82	208.97			N/A

3/13/2019	CADHUF	11:30:00 AM	208.44	208.61			N/A
3/13/2019	CADHUF	1:30:00 PM	208.52	208.69			N/A
3/13/2019	CADHUF	3:30:00 PM	208.43	208.53			N/A
3/14/2019	CADHUF	9:30:00 AM	208.52	208.6			N/A
3/14/2019	CADHUF	11:30:00 AM					N/A
3/14/2019	CADHUF	1:30:00 PM	208.62	208.75			N/A
3/14/2019	CADHUF	3:30:00 PM	208.43	208.6			N/A
3/15/2019	CADHUF	9:30:00 AM	208.75	208.89			N/A
3/15/2019	CADHUF	11:30:00 AM	208.55	208.73			N/A
3/15/2019	CADHUF	1:30:00 PM	208.3	208.47			N/A
3/15/2019	CADHUF	3:30:00 PM	207.79	207.91			N/A
3/18/2019	CADHUF	9:30:00 AM	208.2	208.34			N/A
3/18/2019	CADHUF	11:30:00 AM					N/A
3/18/2019	CADHUF	1:30:00 PM	207.69	207.83			N/A
3/18/2019	CADHUF	3:30:00 PM	207.57	207.69			N/A
3/19/2019	CADHUF	9:30:00 AM	207.28	207.42			N/A
3/19/2019	CADHUF	11:30:00 AM	207.31	207.48			N/A
3/19/2019	CADHUF	1:30:00 PM	207.27	207.41			N/A
3/19/2019	CADHUF	3:30:00 PM	207.98	208.11			N/A
3/20/2019	CADHUF	9:30:00 AM	206.53	206.7			N/A
3/20/2019	CADHUF	11:30:00 AM					N/A
3/20/2019	CADHUF	1:30:00 PM	206.54	206.71			N/A
3/20/2019	CADHUF	3:30:00 PM	206.93	207.09			N/A
3/21/2019	CADHUF	9:30:00 AM	206.52	206.69			N/A
3/21/2019	CADHUF	11:30:00 AM	207.13	207.21			N/A
3/21/2019	CADHUF	1:30:00 PM	206.94	207.07			N/A
3/21/2019	CADHUF	3:30:00 PM	206.74	206.87			N/A
3/22/2019	CADHUF	9:30:00 AM	206.62	206.78			N/A
3/22/2019	CADHUF	11:30:00 AM					N/A
3/22/2019	CADHUF	1:30:00 PM	208.39	208.52			N/A
3/22/2019	CADHUF	3:30:00 PM	208.7	208.8			N/A
3/25/2019	CADHUF	9:30:00 AM	208.44	208.58			N/A
3/25/2019	CADHUF	11:30:00 AM	208.41	208.57			N/A
3/25/2019	CADHUF	1:30:00 PM	208.66	208.82			N/A
3/25/2019	CADHUF	3:30:00 PM	208.32	208.47			N/A
3/26/2019	CADHUF	9:30:00 AM	208.4	208.55			N/A
3/26/2019	CADHUF	11:30:00 AM					N/A
3/26/2019	CADHUF	1:30:00 PM	208.24	208.37			N/A
3/26/2019	CADHUF	3:30:00 PM	208.85	208.86			N/A
3/27/2019	CADHUF	9:30:00 AM	211.58	211.72			N/A
3/27/2019	CADHUF	11:30:00 AM	211.74	211.87			N/A
3/27/2019	CADHUF	1:30:00 PM	211.77	211.86			N/A
3/27/2019	CADHUF	3:30:00 PM	211.73	211.86			N/A
3/28/2019	CADHUF	9:30:00 AM	211.78	211.93			N/A
3/28/2019	CADHUF	11:30:00 AM					N/A
3/28/2019	CADHUF	1:30:00 PM	212.22	212.25			N/A
3/28/2019	CADHUF	3:30:00 PM	212.07	212.18			N/A
3/29/2019	CADHUF	9:30:00 AM	212.12	212.17			N/A
3/29/2019	CADHUF	11:30:00 AM	212.71	212.73			N/A
3/29/2019	CADHUF	1:30:00 PM	212.9	213.06			N/A

3/29/2019	CADHUF	3:30:00 PM	213.78	213.91			N/A
1/1/2019	CADJPY	9:30:00 AM					N/A
1/1/2019	CADJPY	11:30:00 AM					N/A
1/1/2019	CADJPY	1:30:00 PM					N/A
1/1/2019	CADJPY	3:30:00 PM					N/A
1/2/2019	CADJPY	9:30:00 AM					N/A
1/2/2019	CADJPY	11:30:00 AM					N/A
1/2/2019	CADJPY	1:30:00 PM					N/A
1/2/2019	CADJPY	3:30:00 PM					N/A
1/3/2019	CADJPY	9:30:00 AM					N/A
1/3/2019	CADJPY	11:30:00 AM					N/A
1/3/2019	CADJPY	1:30:00 PM					N/A
1/3/2019	CADJPY	3:30:00 PM					N/A
1/4/2019	CADJPY	9:30:00 AM					N/A
1/4/2019	CADJPY	11:30:00 AM					N/A
1/4/2019	CADJPY	1:30:00 PM					N/A
1/4/2019	CADJPY	3:30:00 PM					N/A
1/7/2019	CADJPY	9:30:00 AM	80.967	81.023			N/A
1/7/2019	CADJPY	11:30:00 AM					N/A
1/7/2019	CADJPY	1:30:00 PM	81.029	81.101			N/A
1/7/2019	CADJPY	3:30:00 PM	81.15	81.192			N/A
1/8/2019	CADJPY	9:30:00 AM	82.055	82.1			N/A
1/8/2019	CADJPY	11:30:00 AM	81.988	82.05			N/A
1/8/2019	CADJPY	1:30:00 PM	81.817	81.862			N/A
1/8/2019	CADJPY	3:30:00 PM	81.784	81.854			N/A
1/9/2019	CADJPY	9:30:00 AM	82.341	82.4			N/A
1/9/2019	CADJPY	11:30:00 AM					N/A
1/9/2019	CADJPY	1:30:00 PM	82.198	82.239			N/A
1/9/2019	CADJPY	3:30:00 PM	82.199	82.262			N/A
1/10/2019	CADJPY	9:30:00 AM	81.481	81.522			N/A
1/10/2019	CADJPY	11:30:00 AM	81.638	81.699			N/A
1/10/2019	CADJPY	1:30:00 PM	81.707	81.76			N/A
1/10/2019	CADJPY	3:30:00 PM	81.761	81.796			N/A
1/11/2019	CADJPY	9:30:00 AM	82.059	82.127			N/A
1/11/2019	CADJPY	11:30:00 AM					N/A
1/11/2019	CADJPY	1:30:00 PM	82.026	82.087			N/A
1/11/2019	CADJPY	3:30:00 PM	81.926	81.954			N/A
1/14/2019	CADJPY	9:30:00 AM	81.349	81.41			N/A
1/14/2019	CADJPY	11:30:00 AM	81.466	81.531			N/A
1/14/2019	CADJPY	1:30:00 PM	81.314	81.364			N/A
1/14/2019	CADJPY	3:30:00 PM	81.426	81.491			N/A
1/15/2019	CADJPY	9:30:00 AM	81.904	81.956			N/A
1/15/2019	CADJPY	11:30:00 AM					N/A
1/15/2019	CADJPY	1:30:00 PM	81.8	81.867			N/A
1/15/2019	CADJPY	3:30:00 PM	81.83	81.877			N/A
1/16/2019	CADJPY	9:30:00 AM	81.89	81.964			N/A
1/16/2019	CADJPY	11:30:00 AM	81.86	81.924			N/A
1/16/2019	CADJPY	1:30:00 PM	81.927	81.976			N/A
1/16/2019	CADJPY	3:30:00 PM	82.003	82.054			N/A
1/17/2019	CADJPY	9:30:00 AM	81.867	81.923			N/A

1/17/2019	CADJPY	11:30:00 AM					N/A
1/17/2019	CADJPY	1:30:00 PM	81.871	81.939			N/A
1/17/2019	CADJPY	3:30:00 PM	81.721	81.715			N/A
1/18/2019	CADJPY	9:30:00 AM	82.459	82.526			N/A
1/18/2019	CADJPY	11:30:00 AM	82.52	82.584			N/A
1/18/2019	CADJPY	1:30:00 PM	82.505	82.576			N/A
1/18/2019	CADJPY	3:30:00 PM	82.644	82.659			N/A
1/21/2019	CADJPY	9:30:00 AM	82.507	82.571			N/A
1/21/2019	CADJPY	11:30:00 AM					N/A
1/21/2019	CADJPY	1:30:00 PM	82.413	82.486			N/A
1/21/2019	CADJPY	3:30:00 PM	82.389	82.456			N/A
1/22/2019	CADJPY	9:30:00 AM	82.017	82.068			N/A
1/22/2019	CADJPY	11:30:00 AM	82.065	82.121			N/A
1/22/2019	CADJPY	1:30:00 PM	82.065	82.122			N/A
1/22/2019	CADJPY	3:30:00 PM	82.083	82.114			N/A
1/23/2019	CADJPY	9:30:00 AM	82.225	82.29			N/A
1/23/2019	CADJPY	11:30:00 AM					N/A
1/23/2019	CADJPY	1:30:00 PM	82.285	82.348			N/A
1/23/2019	CADJPY	3:30:00 PM	82.357	82.361			N/A
1/24/2019	CADJPY	9:30:00 AM	82.054	82.123			N/A
1/24/2019	CADJPY	11:30:00 AM	82.126	82.183			N/A
1/24/2019	CADJPY	1:30:00 PM	82.136	82.197			N/A
1/24/2019	CADJPY	3:30:00 PM	82.119	82.181			N/A
1/25/2019	CADJPY	9:30:00 AM	82.462	82.522			N/A
1/25/2019	CADJPY	11:30:00 AM					N/A
1/25/2019	CADJPY	1:30:00 PM	82.4	82.465			N/A
1/25/2019	CADJPY	3:30:00 PM	82.559	82.63			N/A
1/28/2019	CADJPY	9:30:00 AM	82.691	82.735			N/A
1/28/2019	CADJPY	11:30:00 AM	82.652	82.719			N/A
1/28/2019	CADJPY	1:30:00 PM	82.716	82.791			N/A
1/28/2019	CADJPY	3:30:00 PM	82.553	82.621			N/A
1/29/2019	CADJPY	9:30:00 AM	82.372	82.439			N/A
1/29/2019	CADJPY	11:30:00 AM					N/A
1/29/2019	CADJPY	1:30:00 PM	82.486	82.544			N/A
1/29/2019	CADJPY	3:30:00 PM	82.536	82.604			N/A
1/30/2019	CADJPY	9:30:00 AM	82.39	82.454			N/A
1/30/2019	CADJPY	11:30:00 AM	82.516	82.59			N/A
1/30/2019	CADJPY	1:30:00 PM	82.631	82.701			N/A
1/30/2019	CADJPY	3:30:00 PM	82.846	82.9			N/A
1/31/2019	CADJPY	9:30:00 AM	82.779	82.84			N/A
1/31/2019	CADJPY	11:30:00 AM					N/A
1/31/2019	CADJPY	1:30:00 PM	82.692	82.759			N/A
1/31/2019	CADJPY	3:30:00 PM	82.632	82.633			N/A
2/1/2019	CADJPY	9:30:00 AM	82.789	82.861			N/A
2/1/2019	CADJPY	11:30:00 AM	82.796	82.863			N/A
2/1/2019	CADJPY	1:30:00 PM	82.826	82.893			N/A
2/1/2019	CADJPY	3:30:00 PM	82.987	82.965			N/A
2/4/2019	CADJPY	9:30:00 AM	83.77	83.829			N/A
2/4/2019	CADJPY	11:30:00 AM					N/A
2/4/2019	CADJPY	1:30:00 PM	83.858	83.928			N/A

2/4/2019	CADJPY	3:30:00 PM	83.787	83.847			N/A
2/5/2019	CADJPY	9:30:00 AM	83.771	83.836			N/A
2/5/2019	CADJPY	11:30:00 AM	83.881	83.948			N/A
2/5/2019	CADJPY	1:30:00 PM	83.858	83.916			N/A
2/5/2019	CADJPY	3:30:00 PM	83.701	83.763			N/A
2/6/2019	CADJPY	9:30:00 AM	83.199	83.245			N/A
2/6/2019	CADJPY	11:30:00 AM					N/A
2/6/2019	CADJPY	1:30:00 PM	83.112	83.186			N/A
2/6/2019	CADJPY	3:30:00 PM	83.313	83.326			N/A
2/7/2019	CADJPY	9:30:00 AM	82.973	83.045			N/A
2/7/2019	CADJPY	11:30:00 AM	83.047	83.114			N/A
2/7/2019	CADJPY	1:30:00 PM	82.843	82.913			N/A
2/7/2019	CADJPY	3:30:00 PM	82.614	82.669			N/A
2/8/2019	CADJPY	9:30:00 AM	82.368	82.421			N/A
2/8/2019	CADJPY	11:30:00 AM					N/A
2/8/2019	CADJPY	1:30:00 PM	82.446	82.518			N/A
2/8/2019	CADJPY	3:30:00 PM	82.9	82.734			N/A
2/11/2019	CADJPY	9:30:00 AM	82.723	82.797			N/A
2/11/2019	CADJPY	11:30:00 AM	82.987	83.028			N/A
2/11/2019	CADJPY	1:30:00 PM	83	83.069			N/A
2/11/2019	CADJPY	3:30:00 PM	83.008	83.069			N/A
2/12/2019	CADJPY	9:30:00 AM	83.219	83.281			N/A
2/12/2019	CADJPY	11:30:00 AM					N/A
2/12/2019	CADJPY	1:30:00 PM	83.254	83.32			N/A
2/12/2019	CADJPY	3:30:00 PM	83.271	83.321			N/A
2/13/2019	CADJPY	9:30:00 AM	83.715	83.783			N/A
2/13/2019	CADJPY	11:30:00 AM	83.674	83.733			N/A
2/13/2019	CADJPY	1:30:00 PM	83.574	83.646			N/A
2/13/2019	CADJPY	3:30:00 PM	83.587	83.587			N/A
2/14/2019	CADJPY	9:30:00 AM	83.915	83.97			N/A
2/14/2019	CADJPY	11:30:00 AM					N/A
2/14/2019	CADJPY	1:30:00 PM	83.709	83.777			N/A
2/14/2019	CADJPY	3:30:00 PM	83.566	83.564			N/A
2/15/2019	CADJPY	9:30:00 AM					N/A
2/15/2019	CADJPY	11:30:00 AM					N/A
2/15/2019	CADJPY	1:30:00 PM					N/A
2/15/2019	CADJPY	3:30:00 PM					N/A
2/18/2019	CADJPY	9:30:00 AM	83.53	83.594			N/A
2/18/2019	CADJPY	11:30:00 AM					N/A
2/18/2019	CADJPY	1:30:00 PM	83.45	83.516			N/A
2/18/2019	CADJPY	3:30:00 PM	83.515	83.583			N/A
2/19/2019	CADJPY	9:30:00 AM	83.487	83.559			N/A
2/19/2019	CADJPY	11:30:00 AM	83.481	83.543			N/A
2/19/2019	CADJPY	1:30:00 PM	83.537	83.606			N/A
2/19/2019	CADJPY	3:30:00 PM	83.601	83.664			N/A
2/20/2019	CADJPY	9:30:00 AM	84.026	84.078			N/A
2/20/2019	CADJPY	11:30:00 AM					N/A
2/20/2019	CADJPY	1:30:00 PM	84.061	84.125			N/A
2/20/2019	CADJPY	3:30:00 PM	83.913	83.976			N/A
2/21/2019	CADJPY	9:30:00 AM	83.983	84.009			N/A

2/21/2019	CADJPY	11:30:00 AM	83.855	83.909			N/A
2/21/2019	CADJPY	1:30:00 PM	83.947	84.012			N/A
2/21/2019	CADJPY	3:30:00 PM	84.071	84.028			N/A
2/22/2019	CADJPY	9:30:00 AM	83.703	83.769			N/A
2/22/2019	CADJPY	11:30:00 AM					N/A
2/22/2019	CADJPY	1:30:00 PM	83.9	83.965			N/A
2/22/2019	CADJPY	3:30:00 PM	83.865	83.812			N/A
2/25/2019	CADJPY	9:30:00 AM	84.287	84.342			N/A
2/25/2019	CADJPY	11:30:00 AM	84.289	84.356			N/A
2/25/2019	CADJPY	1:30:00 PM	84.381	84.447			N/A
2/25/2019	CADJPY	3:30:00 PM	84.214	84.27			N/A
2/26/2019	CADJPY	9:30:00 AM	83.842	83.912			N/A
2/26/2019	CADJPY	11:30:00 AM					N/A
2/26/2019	CADJPY	1:30:00 PM	83.842	83.904			N/A
2/26/2019	CADJPY	3:30:00 PM	83.792	83.823			N/A
2/27/2019	CADJPY	9:30:00 AM	83.771	83.832			N/A
2/27/2019	CADJPY	11:30:00 AM	83.912	83.98			N/A
2/27/2019	CADJPY	1:30:00 PM	84.04	84.105			N/A
2/27/2019	CADJPY	3:30:00 PM	84.14	84.138			N/A
2/28/2019	CADJPY	9:30:00 AM	84.074	84.126			N/A
2/28/2019	CADJPY	11:30:00 AM					N/A
2/28/2019	CADJPY	1:30:00 PM	84.088	84.157			N/A
2/28/2019	CADJPY	3:30:00 PM	84.067	84.028			N/A
3/1/2019	CADJPY	9:30:00 AM	85.047	85.113			N/A
3/1/2019	CADJPY	11:30:00 AM	85.197	85.261			N/A
3/1/2019	CADJPY	1:30:00 PM	85.108	85.179			N/A
3/1/2019	CADJPY	3:30:00 PM	84.79	84.75			N/A
3/4/2019	CADJPY	9:30:00 AM	84.218	84.281			N/A
3/4/2019	CADJPY	11:30:00 AM					N/A
3/4/2019	CADJPY	1:30:00 PM	83.968	84.035			N/A
3/4/2019	CADJPY	3:30:00 PM	84.038	84.105			N/A
3/5/2019	CADJPY	9:30:00 AM	83.906	83.956			N/A
3/5/2019	CADJPY	11:30:00 AM	83.887	83.954			N/A
3/5/2019	CADJPY	1:30:00 PM	83.875	83.934			N/A
3/5/2019	CADJPY	3:30:00 PM	83.811	83.87			N/A
3/6/2019	CADJPY	9:30:00 AM	83.625	83.686			N/A
3/6/2019	CADJPY	11:30:00 AM					N/A
3/6/2019	CADJPY	1:30:00 PM	83.619	83.689			N/A
3/6/2019	CADJPY	3:30:00 PM	83.519	83.527			N/A
3/7/2019	CADJPY	9:30:00 AM	83.074	83.14			N/A
3/7/2019	CADJPY	11:30:00 AM	83.106	83.168			N/A
3/7/2019	CADJPY	1:30:00 PM	83.143	83.21			N/A
3/7/2019	CADJPY	3:30:00 PM	83.202	83.255			N/A
3/8/2019	CADJPY	9:30:00 AM	82.429	82.491			N/A
3/8/2019	CADJPY	11:30:00 AM					N/A
3/8/2019	CADJPY	1:30:00 PM	82.595	82.66			N/A
3/8/2019	CADJPY	3:30:00 PM	82.761	82.617			N/A
3/11/2019	CADJPY	9:30:00 AM	82.798	82.862			N/A
3/11/2019	CADJPY	11:30:00 AM	82.852	82.92			N/A
3/11/2019	CADJPY	1:30:00 PM	82.846	82.91			N/A

3/11/2019	CADJPY	3:30:00 PM	82.758	82.813			N/A
3/12/2019	CADJPY	9:30:00 AM	83.068	83.138			N/A
3/12/2019	CADJPY	11:30:00 AM					N/A
3/12/2019	CADJPY	1:30:00 PM	82.879	82.938			N/A
3/12/2019	CADJPY	3:30:00 PM	82.962	83.007			N/A
3/13/2019	CADJPY	9:30:00 AM	83.244	83.317			N/A
3/13/2019	CADJPY	11:30:00 AM	83.338	83.409			N/A
3/13/2019	CADJPY	1:30:00 PM	83.343	83.41			N/A
3/13/2019	CADJPY	3:30:00 PM	83.42	83.44			N/A
3/14/2019	CADJPY	9:30:00 AM	83.766	83.83			N/A
3/14/2019	CADJPY	11:30:00 AM					N/A
3/14/2019	CADJPY	1:30:00 PM	83.712	83.76			N/A
3/14/2019	CADJPY	3:30:00 PM	83.649	83.699			N/A
3/15/2019	CADJPY	9:30:00 AM	83.954	84.022			N/A
3/15/2019	CADJPY	11:30:00 AM	83.876	83.947			N/A
3/15/2019	CADJPY	1:30:00 PM	83.826	83.896		200	N/A
3/15/2019	CADJPY	3:30:00 PM	83.452	83.498			N/A
3/18/2019	CADJPY	9:30:00 AM	83.794	83.853			N/A
3/18/2019	CADJPY	11:30:00 AM					N/A
3/18/2019	CADJPY	1:30:00 PM	83.675	83.732			N/A
3/18/2019	CADJPY	3:30:00 PM	83.564	83.623			N/A
3/19/2019	CADJPY	9:30:00 AM	83.405	83.471			N/A
3/19/2019	CADJPY	11:30:00 AM	83.532	83.599			N/A
3/19/2019	CADJPY	1:30:00 PM	83.593	83.65			N/A
3/19/2019	CADJPY	3:30:00 PM	84.023	84.082			N/A
3/20/2019	CADJPY	9:30:00 AM	83.613	83.681			N/A
3/20/2019	CADJPY	11:30:00 AM					N/A
3/20/2019	CADJPY	1:30:00 PM	83.593	83.653			N/A
3/20/2019	CADJPY	3:30:00 PM	83.639	83.691			N/A
3/21/2019	CADJPY	9:30:00 AM	83.042	83.104			N/A
3/21/2019	CADJPY	11:30:00 AM	82.94	83.005			N/A
3/21/2019	CADJPY	1:30:00 PM	82.884	82.948			N/A
3/21/2019	CADJPY	3:30:00 PM	82.887	82.911			N/A
3/22/2019	CADJPY	9:30:00 AM	82.899	82.965			N/A
3/22/2019	CADJPY	11:30:00 AM					N/A
3/22/2019	CADJPY	1:30:00 PM	82.423	82.482			N/A
3/22/2019	CADJPY	3:30:00 PM	82.239	82.282			N/A
3/25/2019	CADJPY	9:30:00 AM	81.958	82.004			N/A
3/25/2019	CADJPY	11:30:00 AM	82.126	82.192			N/A
3/25/2019	CADJPY	1:30:00 PM	82.005	82.06			N/A
3/25/2019	CADJPY	3:30:00 PM	81.895	81.931			N/A
3/26/2019	CADJPY	9:30:00 AM	82.161	82.227			N/A
3/26/2019	CADJPY	11:30:00 AM					N/A
3/26/2019	CADJPY	1:30:00 PM	82.378	82.433			N/A
3/26/2019	CADJPY	3:30:00 PM	82.465	82.496			N/A
3/27/2019	CADJPY	9:30:00 AM	82.471	82.537			N/A
3/27/2019	CADJPY	11:30:00 AM	82.635	82.684			N/A
3/27/2019	CADJPY	1:30:00 PM	82.262	82.327			N/A
3/27/2019	CADJPY	3:30:00 PM	82.4	82.433			N/A
3/28/2019	CADJPY	9:30:00 AM	82.157	82.227			N/A

3/28/2019	CADJPY	11:30:00 AM					N/A
3/28/2019	CADJPY	1:30:00 PM	82.06	82.115			N/A
3/28/2019	CADJPY	3:30:00 PM	82.396	82.448			N/A
3/29/2019	CADJPY	9:30:00 AM	82.329	82.396			N/A
3/29/2019	CADJPY	11:30:00 AM	82.513	82.562			N/A
3/29/2019	CADJPY	1:30:00 PM	82.54	82.604			N/A
3/29/2019	CADJPY	3:30:00 PM	82.916	82.966			N/A
1/1/2019	CADMXN	9:30:00 AM					N/A
1/1/2019	CADMXN	11:30:00 AM					N/A
1/1/2019	CADMXN	1:30:00 PM					N/A
1/1/2019	CADMXN	3:30:00 PM					N/A
1/2/2019	CADMXN	9:30:00 AM					N/A
1/2/2019	CADMXN	11:30:00 AM					N/A
1/2/2019	CADMXN	1:30:00 PM					N/A
1/2/2019	CADMXN	3:30:00 PM					N/A
1/3/2019	CADMXN	9:30:00 AM					N/A
1/3/2019	CADMXN	11:30:00 AM					N/A
1/3/2019	CADMXN	1:30:00 PM					N/A
1/3/2019	CADMXN	3:30:00 PM					N/A
1/4/2019	CADMXN	9:30:00 AM					N/A
1/4/2019	CADMXN	11:30:00 AM					N/A
1/4/2019	CADMXN	1:30:00 PM					N/A
1/4/2019	CADMXN	3:30:00 PM					N/A
1/7/2019	CADMXN	9:30:00 AM	14.5277	14.5328			N/A
1/7/2019	CADMXN	11:30:00 AM					N/A
1/7/2019	CADMXN	1:30:00 PM	14.5505	14.5574			N/A
1/7/2019	CADMXN	3:30:00 PM	14.4791	14.485			N/A
1/8/2019	CADMXN	9:30:00 AM	14.6195	14.6259			N/A
1/8/2019	CADMXN	11:30:00 AM	14.5573	14.5693			N/A
1/8/2019	CADMXN	1:30:00 PM	14.5974	14.6078			N/A
1/8/2019	CADMXN	3:30:00 PM	14.5594	14.5638			N/A
1/9/2019	CADMXN	9:30:00 AM	14.5825	14.5948			N/A
1/9/2019	CADMXN	11:30:00 AM					N/A
1/9/2019	CADMXN	1:30:00 PM	14.6217	14.6312			N/A
1/9/2019	CADMXN	3:30:00 PM	14.5753	14.5835			N/A
1/10/2019	CADMXN	9:30:00 AM	14.5255	14.5347			N/A
1/10/2019	CADMXN	11:30:00 AM	14.5422	14.5535			N/A
1/10/2019	CADMXN	1:30:00 PM	14.5472	14.5561			N/A
1/10/2019	CADMXN	3:30:00 PM	14.4966	14.5003			N/A
1/11/2019	CADMXN	9:30:00 AM	14.4554	14.4679			N/A
1/11/2019	CADMXN	11:30:00 AM					N/A
1/11/2019	CADMXN	1:30:00 PM	14.4544	14.4669			N/A
1/11/2019	CADMXN	3:30:00 PM	14.4579	14.4629			N/A
1/14/2019	CADMXN	9:30:00 AM	14.4291	14.4404			N/A
1/14/2019	CADMXN	11:30:00 AM	14.4301	14.4399			N/A
1/14/2019	CADMXN	1:30:00 PM	14.4273	14.4386			N/A
1/14/2019	CADMXN	3:30:00 PM	14.4178	14.4298			N/A
1/15/2019	CADMXN	9:30:00 AM	14.3017	14.3123			N/A
1/15/2019	CADMXN	11:30:00 AM					N/A
1/15/2019	CADMXN	1:30:00 PM	14.3098	14.3204			N/A

1/15/2019	CADMXN	3:30:00 PM	14.3335	14.3411			N/A
1/16/2019	CADMXN	9:30:00 AM	14.3049	14.3142			N/A
1/16/2019	CADMXN	11:30:00 AM	14.326	14.3366			N/A
1/16/2019	CADMXN	1:30:00 PM	14.3179	14.3245			N/A
1/16/2019	CADMXN	3:30:00 PM	14.3289	14.3371			N/A
1/17/2019	CADMXN	9:30:00 AM	14.2458	14.2571			N/A
1/17/2019	CADMXN	11:30:00 AM					N/A
1/17/2019	CADMXN	1:30:00 PM	14.2445	14.2562			N/A
1/17/2019	CADMXN	3:30:00 PM	14.2751	14.2826			N/A
1/18/2019	CADMXN	9:30:00 AM	14.3121	14.3217			N/A
1/18/2019	CADMXN	11:30:00 AM	14.361	14.3691			N/A
1/18/2019	CADMXN	1:30:00 PM	14.383	14.3866			N/A
1/18/2019	CADMXN	3:30:00 PM	14.3592	14.337			N/A
1/21/2019	CADMXN	9:30:00 AM	14.4138	14.4251			N/A
1/21/2019	CADMXN	11:30:00 AM					N/A
1/21/2019	CADMXN	1:30:00 PM	14.4034	14.4137			N/A
1/21/2019	CADMXN	3:30:00 PM	14.3924	14.4022			N/A
1/22/2019	CADMXN	9:30:00 AM	14.4124	14.4182			N/A
1/22/2019	CADMXN	11:30:00 AM	14.4168	14.4261			N/A
1/22/2019	CADMXN	1:30:00 PM	14.4179	14.4283			N/A
1/22/2019	CADMXN	3:30:00 PM	14.3699	14.3787			N/A
1/23/2019	CADMXN	9:30:00 AM	14.3535	14.3658			N/A
1/23/2019	CADMXN	11:30:00 AM					N/A
1/23/2019	CADMXN	1:30:00 PM	14.3391	14.3514			N/A
1/23/2019	CADMXN	3:30:00 PM	14.3601	14.3602			N/A
1/24/2019	CADMXN	9:30:00 AM	14.2645	14.2772			N/A
1/24/2019	CADMXN	11:30:00 AM	14.2757	14.286			N/A
1/24/2019	CADMXN	1:30:00 PM	14.2521	14.2629			N/A
1/24/2019	CADMXN	3:30:00 PM	14.2606	14.2697			N/A
1/25/2019	CADMXN	9:30:00 AM	14.2486	14.26			N/A
1/25/2019	CADMXN	11:30:00 AM					N/A
1/25/2019	CADMXN	1:30:00 PM	14.2348	14.2438			N/A
1/25/2019	CADMXN	3:30:00 PM	14.2096	14.2202			N/A
1/28/2019	CADMXN	9:30:00 AM	14.3745	14.3818			N/A
1/28/2019	CADMXN	11:30:00 AM	14.3957	14.4067			N/A
1/28/2019	CADMXN	1:30:00 PM	14.3886	14.3976			N/A
1/28/2019	CADMXN	3:30:00 PM	14.3583	14.3654			N/A
1/29/2019	CADMXN	9:30:00 AM	14.3459	14.3584			N/A
1/29/2019	CADMXN	11:30:00 AM					N/A
1/29/2019	CADMXN	1:30:00 PM	14.3389	14.3455			N/A
1/29/2019	CADMXN	3:30:00 PM	14.3225	14.327			N/A
1/30/2019	CADMXN	9:30:00 AM	14.4064	14.4184			N/A
1/30/2019	CADMXN	11:30:00 AM	14.3978	14.4033			N/A
1/30/2019	CADMXN	1:30:00 PM	14.4459	14.4571			N/A
1/30/2019	CADMXN	3:30:00 PM	14.4656	14.476			N/A
1/31/2019	CADMXN	9:30:00 AM	14.553	14.553			N/A
1/31/2019	CADMXN	11:30:00 AM					N/A
1/31/2019	CADMXN	1:30:00 PM	14.5696	14.5784			N/A
1/31/2019	CADMXN	3:30:00 PM	14.4777	14.4787			N/A
2/1/2019	CADMXN	9:30:00 AM	14.5747	14.5864			N/A

2/1/2019	CADMXN	11:30:00 AM	14.5275	14.5353			N/A
2/1/2019	CADMXN	1:30:00 PM	14.5337	14.5419			N/A
2/1/2019	CADMXN	3:30:00 PM	14.552	14.5582			N/A
2/4/2019	CADMXN	9:30:00 AM	14.5924	14.6025			N/A
2/4/2019	CADMXN	11:30:00 AM					N/A
2/4/2019	CADMXN	1:30:00 PM	14.6168	14.626			N/A
2/4/2019	CADMXN	3:30:00 PM	14.6087	14.6198			N/A
2/5/2019	CADMXN	9:30:00 AM	14.5287	14.5389			N/A
2/5/2019	CADMXN	11:30:00 AM	14.5181	14.5248			N/A
2/5/2019	CADMXN	1:30:00 PM	14.5265	14.5373			N/A
2/5/2019	CADMXN	3:30:00 PM	14.5038	14.513			N/A
2/6/2019	CADMXN	9:30:00 AM	14.4781	14.4849			N/A
2/6/2019	CADMXN	11:30:00 AM					N/A
2/6/2019	CADMXN	1:30:00 PM	14.4696	14.4813			N/A
2/6/2019	CADMXN	3:30:00 PM	14.5189	14.5269			N/A
2/7/2019	CADMXN	9:30:00 AM	14.4406	14.4526			N/A
2/7/2019	CADMXN	11:30:00 AM	14.45	14.4579			N/A
2/7/2019	CADMXN	1:30:00 PM	14.4629	14.472			N/A
2/7/2019	CADMXN	3:30:00 PM	14.4141	14.4206			N/A
2/8/2019	CADMXN	9:30:00 AM	14.3373	14.3493			N/A
2/8/2019	CADMXN	11:30:00 AM					N/A
2/8/2019	CADMXN	1:30:00 PM	14.3121	14.3236			N/A
2/8/2019	CADMXN	3:30:00 PM	14.3715	14.3193			N/A
2/11/2019	CADMXN	9:30:00 AM	14.362	14.3747			N/A
2/11/2019	CADMXN	11:30:00 AM	14.3972	14.4096			N/A
2/11/2019	CADMXN	1:30:00 PM	14.3974	14.4085			N/A
2/11/2019	CADMXN	3:30:00 PM	14.3745	14.3837			N/A
2/12/2019	CADMXN	9:30:00 AM	14.5124	14.5229			N/A
2/12/2019	CADMXN	11:30:00 AM					N/A
2/12/2019	CADMXN	1:30:00 PM	14.5047	14.5169			N/A
2/12/2019	CADMXN	3:30:00 PM	14.5035	14.5122			N/A
2/13/2019	CADMXN	9:30:00 AM	14.5463	14.559			N/A
2/13/2019	CADMXN	11:30:00 AM	14.5503	14.5611			N/A
2/13/2019	CADMXN	1:30:00 PM	14.5826	14.5917			N/A
2/13/2019	CADMXN	3:30:00 PM	14.6083	14.615			N/A
2/14/2019	CADMXN	9:30:00 AM	14.6333	14.6416			N/A
2/14/2019	CADMXN	11:30:00 AM					N/A
2/14/2019	CADMXN	1:30:00 PM	14.6388	14.6511			N/A
2/14/2019	CADMXN	3:30:00 PM	14.6188	14.6297			N/A
2/15/2019	CADMXN	9:30:00 AM					N/A
2/15/2019	CADMXN	11:30:00 AM					N/A
2/15/2019	CADMXN	1:30:00 PM					N/A
2/15/2019	CADMXN	3:30:00 PM					N/A
2/18/2019	CADMXN	9:30:00 AM	14.533	14.5445			N/A
2/18/2019	CADMXN	11:30:00 AM					N/A
2/18/2019	CADMXN	1:30:00 PM	14.5094	14.5174			N/A
2/18/2019	CADMXN	3:30:00 PM	14.5576	14.568			N/A
2/19/2019	CADMXN	9:30:00 AM	14.5279	14.5401			N/A
2/19/2019	CADMXN	11:30:00 AM	14.5405	14.5494			N/A
2/19/2019	CADMXN	1:30:00 PM	14.5282	14.5358			N/A

2/19/2019	CADMXN	3:30:00 PM	14.4976	14.508			N/A
2/20/2019	CADMXN	9:30:00 AM	14.5105	14.5208			N/A
2/20/2019	CADMXN	11:30:00 AM					N/A
2/20/2019	CADMXN	1:30:00 PM	14.5483	14.5562			N/A
2/20/2019	CADMXN	3:30:00 PM	14.5265	14.5336			N/A
2/21/2019	CADMXN	9:30:00 AM	14.5902	14.6014			N/A
2/21/2019	CADMXN	11:30:00 AM	14.5673	14.5787			N/A
2/21/2019	CADMXN	1:30:00 PM	14.5506	14.5623			N/A
2/21/2019	CADMXN	3:30:00 PM	14.5988	14.608			N/A
2/22/2019	CADMXN	9:30:00 AM	14.5569	14.5673			N/A
2/22/2019	CADMXN	11:30:00 AM					N/A
2/22/2019	CADMXN	1:30:00 PM	14.5645	14.5761			N/A
2/22/2019	CADMXN	3:30:00 PM	14.5261	14.5306			N/A
2/25/2019	CADMXN	9:30:00 AM	14.5531	14.5651			N/A
2/25/2019	CADMXN	11:30:00 AM	14.5456	14.5564			N/A
2/25/2019	CADMXN	1:30:00 PM	14.5142	14.5256			N/A
2/25/2019	CADMXN	3:30:00 PM	14.5017	14.5126			N/A
2/26/2019	CADMXN	9:30:00 AM	14.5045	14.5155			N/A
2/26/2019	CADMXN	11:30:00 AM					N/A
2/26/2019	CADMXN	1:30:00 PM	14.466	14.4776			N/A
2/26/2019	CADMXN	3:30:00 PM	14.4497	14.4582			N/A
2/27/2019	CADMXN	9:30:00 AM	14.5619	14.5707			N/A
2/27/2019	CADMXN	11:30:00 AM	14.5614	14.5728			N/A
2/27/2019	CADMXN	1:30:00 PM	14.5865	14.5992			N/A
2/27/2019	CADMXN	3:30:00 PM	14.5647	14.5666			N/A
2/28/2019	CADMXN	9:30:00 AM	14.5591	14.5691			N/A
2/28/2019	CADMXN	11:30:00 AM					N/A
2/28/2019	CADMXN	1:30:00 PM	14.5536	14.5629			N/A
2/28/2019	CADMXN	3:30:00 PM	14.5389	14.5451			N/A
3/1/2019	CADMXN	9:30:00 AM	14.6665	14.6762			N/A
3/1/2019	CADMXN	11:30:00 AM	14.6691	14.6802			N/A
3/1/2019	CADMXN	1:30:00 PM	14.6516	14.6631			N/A
3/1/2019	CADMXN	3:30:00 PM	14.646	14.6419			N/A
3/4/2019	CADMXN	9:30:00 AM	14.5123	14.5245			N/A
3/4/2019	CADMXN	11:30:00 AM					N/A
3/4/2019	CADMXN	1:30:00 PM	14.5341	14.5447			N/A
3/4/2019	CADMXN	3:30:00 PM	14.5233	14.5321			N/A
3/5/2019	CADMXN	9:30:00 AM	14.4704	14.4796			N/A
3/5/2019	CADMXN	11:30:00 AM	14.4525	14.4605			N/A
3/5/2019	CADMXN	1:30:00 PM	14.4301	14.4411			N/A
3/5/2019	CADMXN	3:30:00 PM	14.4467	14.4519			N/A
3/6/2019	CADMXN	9:30:00 AM	14.4224	14.4314			N/A
3/6/2019	CADMXN	11:30:00 AM					N/A
3/6/2019	CADMXN	1:30:00 PM	14.3995	14.4113			N/A
3/6/2019	CADMXN	3:30:00 PM	14.4104	14.4163			N/A
3/7/2019	CADMXN	9:30:00 AM	14.3855	14.3977			N/A
3/7/2019	CADMXN	11:30:00 AM	14.4053	14.4161			N/A
3/7/2019	CADMXN	1:30:00 PM	14.4375	14.448			N/A
3/7/2019	CADMXN	3:30:00 PM	14.4213	14.4286			N/A
3/8/2019	CADMXN	9:30:00 AM	14.5466	14.5569			N/A

3/8/2019	CADMXN	11:30:00 AM					N/A
3/8/2019	CADMXN	1:30:00 PM	14.5261	14.5344			N/A
3/8/2019	CADMXN	3:30:00 PM	14.5526	14.5619			N/A
3/11/2019	CADMXN	9:30:00 AM	14.5164	14.5259			N/A
3/11/2019	CADMXN	11:30:00 AM	14.5214	14.5344			N/A
3/11/2019	CADMXN	1:30:00 PM	14.516	14.5262			N/A
3/11/2019	CADMXN	3:30:00 PM	14.4606	14.4686			N/A
3/12/2019	CADMXN	9:30:00 AM	14.4512	14.4607			N/A
3/12/2019	CADMXN	11:30:00 AM					N/A
3/12/2019	CADMXN	1:30:00 PM	14.4635	14.4736			N/A
3/12/2019	CADMXN	3:30:00 PM	14.4072	14.4153			N/A
3/13/2019	CADMXN	9:30:00 AM	14.4716	14.4838			N/A
3/13/2019	CADMXN	11:30:00 AM	14.4603	14.4713			N/A
3/13/2019	CADMXN	1:30:00 PM	14.4478	14.4566			N/A
3/13/2019	CADMXN	3:30:00 PM	14.4446	14.4539			N/A
3/14/2019	CADMXN	9:30:00 AM	14.4976	14.5066			N/A
3/14/2019	CADMXN	11:30:00 AM					N/A
3/14/2019	CADMXN	1:30:00 PM	14.4797	14.4834			N/A
3/14/2019	CADMXN	3:30:00 PM	14.5107	14.5161			N/A
3/15/2019	CADMXN	9:30:00 AM	14.5102	14.5207			N/A
3/15/2019	CADMXN	11:30:00 AM	14.4792	14.4909			N/A
3/15/2019	CADMXN	1:30:00 PM	14.4448	14.4542			N/A
3/15/2019	CADMXN	3:30:00 PM	14.3731	14.378			N/A
3/18/2019	CADMXN	9:30:00 AM	14.4155	14.428			N/A
3/18/2019	CADMXN	11:30:00 AM					N/A
3/18/2019	CADMXN	1:30:00 PM	14.3862	14.3937			N/A
3/18/2019	CADMXN	3:30:00 PM	14.3524	14.3596			N/A
3/19/2019	CADMXN	9:30:00 AM	14.2969	14.3092			N/A
3/19/2019	CADMXN	11:30:00 AM	14.29	14.3			N/A
3/19/2019	CADMXN	1:30:00 PM	14.2933	14.3033			N/A
3/19/2019	CADMXN	3:30:00 PM	14.3357	14.346			N/A
3/20/2019	CADMXN	9:30:00 AM	14.2394	14.2491			N/A
3/20/2019	CADMXN	11:30:00 AM					N/A
3/20/2019	CADMXN	1:30:00 PM	14.2351	14.2454			N/A
3/20/2019	CADMXN	3:30:00 PM	14.2051	14.217			N/A
3/21/2019	CADMXN	9:30:00 AM	14.125	14.1373			N/A
3/21/2019	CADMXN	11:30:00 AM	14.1206	14.1307			N/A
3/21/2019	CADMXN	1:30:00 PM	14.1056	14.1145			N/A
3/21/2019	CADMXN	3:30:00 PM	14.0921	14.1018			N/A
3/22/2019	CADMXN	9:30:00 AM	14.103	14.1159			N/A
3/22/2019	CADMXN	11:30:00 AM					N/A
3/22/2019	CADMXN	1:30:00 PM	14.1735	14.1825			N/A
3/22/2019	CADMXN	3:30:00 PM	14.1544	14.1649			N/A
3/25/2019	CADMXN	9:30:00 AM	14.2538	14.2619			N/A
3/25/2019	CADMXN	11:30:00 AM	14.229	14.2398			N/A
3/25/2019	CADMXN	1:30:00 PM	14.2381	14.2458			N/A
3/25/2019	CADMXN	3:30:00 PM	14.214	14.2216			N/A
3/26/2019	CADMXN	9:30:00 AM	14.1957	14.2062			N/A
3/26/2019	CADMXN	11:30:00 AM					N/A
3/26/2019	CADMXN	1:30:00 PM	14.1826	14.1891			N/A

3/26/2019	CADMXN	3:30:00 PM	14.2057	14.2156			N/A
3/27/2019	CADMXN	9:30:00 AM	14.2801	14.2895			N/A
3/27/2019	CADMXN	11:30:00 AM	14.3134	14.3248			N/A
3/27/2019	CADMXN	1:30:00 PM	14.3822	14.3815			N/A
3/27/2019	CADMXN	3:30:00 PM	14.3594	14.3698			N/A
3/28/2019	CADMXN	9:30:00 AM	14.4393	14.452			N/A
3/28/2019	CADMXN	11:30:00 AM					N/A
3/28/2019	CADMXN	1:30:00 PM	14.4588	14.4672			N/A
3/28/2019	CADMXN	3:30:00 PM	14.4394	14.4445			N/A
3/29/2019	CADMXN	9:30:00 AM	14.3896	14.4015			N/A
3/29/2019	CADMXN	11:30:00 AM	14.3886	14.3979			N/A
3/29/2019	CADMXN	1:30:00 PM	14.3739	14.3852			N/A
3/29/2019	CADMXN	3:30:00 PM	14.4669	14.4773			N/A
1/1/2019	CADNOK	9:30:00 AM					N/A
1/1/2019	CADNOK	11:30:00 AM					N/A
1/1/2019	CADNOK	1:30:00 PM					N/A
1/1/2019	CADNOK	3:30:00 PM					N/A
1/2/2019	CADNOK	9:30:00 AM					N/A
1/2/2019	CADNOK	11:30:00 AM					N/A
1/2/2019	CADNOK	1:30:00 PM					N/A
1/2/2019	CADNOK	3:30:00 PM					N/A
1/3/2019	CADNOK	9:30:00 AM					N/A
1/3/2019	CADNOK	11:30:00 AM					N/A
1/3/2019	CADNOK	1:30:00 PM					N/A
1/3/2019	CADNOK	3:30:00 PM					N/A
1/4/2019	CADNOK	9:30:00 AM					N/A
1/4/2019	CADNOK	11:30:00 AM					N/A
1/4/2019	CADNOK	1:30:00 PM					N/A
1/4/2019	CADNOK	3:30:00 PM					N/A
1/7/2019	CADNOK	9:30:00 AM	6.4293	6.433			N/A
1/7/2019	CADNOK	11:30:00 AM					N/A
1/7/2019	CADNOK	1:30:00 PM	6.4204	6.4229			N/A
1/7/2019	CADNOK	3:30:00 PM	6.4155	6.4183			N/A
1/8/2019	CADNOK	9:30:00 AM	6.4334	6.4362			N/A
1/8/2019	CADNOK	11:30:00 AM	6.4322	6.4357			N/A
1/8/2019	CADNOK	1:30:00 PM	6.4234	6.4281			N/A
1/8/2019	CADNOK	3:30:00 PM	6.4215	6.4234			N/A
1/9/2019	CADNOK	9:30:00 AM	6.4422	6.4454			N/A
1/9/2019	CADNOK	11:30:00 AM					N/A
1/9/2019	CADNOK	1:30:00 PM	6.4479	6.4491			N/A
1/9/2019	CADNOK	3:30:00 PM	6.4391	6.4438			N/A
1/10/2019	CADNOK	9:30:00 AM	6.3942	6.3979			N/A
1/10/2019	CADNOK	11:30:00 AM	6.3993	6.402			N/A
1/10/2019	CADNOK	1:30:00 PM	6.4033	6.4064			N/A
1/10/2019	CADNOK	3:30:00 PM	6.3902	6.3894			N/A
1/11/2019	CADNOK	9:30:00 AM	6.4057	6.4105			N/A
1/11/2019	CADNOK	11:30:00 AM					N/A
1/11/2019	CADNOK	1:30:00 PM	6.4074	6.4122			N/A
1/11/2019	CADNOK	3:30:00 PM	6.3967	6.3992			N/A
1/14/2019	CADNOK	9:30:00 AM	6.4386	6.4416			N/A

1/14/2019	CADNOK	11:30:00 AM	6.4389	6.4416			N/A
1/14/2019	CADNOK	1:30:00 PM	6.431	6.4351			N/A
1/14/2019	CADNOK	3:30:00 PM	6.4302	6.4351			N/A
1/15/2019	CADNOK	9:30:00 AM	6.4287	6.4336			N/A
1/15/2019	CADNOK	11:30:00 AM					N/A
1/15/2019	CADNOK	1:30:00 PM	6.4389	6.4438			N/A
1/15/2019	CADNOK	3:30:00 PM	6.4405	6.4409			N/A
1/16/2019	CADNOK	9:30:00 AM	6.4387	6.4422			N/A
1/16/2019	CADNOK	11:30:00 AM	6.425	6.429			N/A
1/16/2019	CADNOK	1:30:00 PM	6.4321	6.4351			N/A
1/16/2019	CADNOK	3:30:00 PM	6.4468	6.4511			N/A
1/17/2019	CADNOK	9:30:00 AM	6.4438	6.4475			N/A
1/17/2019	CADNOK	11:30:00 AM					N/A
1/17/2019	CADNOK	1:30:00 PM	6.4419	6.4468			N/A
1/17/2019	CADNOK	3:30:00 PM	6.4286	6.4293			N/A
1/18/2019	CADNOK	9:30:00 AM	6.4333	6.4375			N/A
1/18/2019	CADNOK	11:30:00 AM	6.4268	6.4291			N/A
1/18/2019	CADNOK	1:30:00 PM	6.4296	6.4335			N/A
1/18/2019	CADNOK	3:30:00 PM	6.4364	6.4248			N/A
1/21/2019	CADNOK	9:30:00 AM	6.4406	6.445			N/A
1/21/2019	CADNOK	11:30:00 AM					N/A
1/21/2019	CADNOK	1:30:00 PM	6.4391	6.444			N/A
1/21/2019	CADNOK	3:30:00 PM	6.4448	6.4488			N/A
1/22/2019	CADNOK	9:30:00 AM	6.4427	6.4474			N/A
1/22/2019	CADNOK	11:30:00 AM	6.4372	6.4395			N/A
1/22/2019	CADNOK	1:30:00 PM	6.4474	6.452			N/A
1/22/2019	CADNOK	3:30:00 PM	6.4489	6.4513			N/A
1/23/2019	CADNOK	9:30:00 AM	6.4389	6.4438			N/A
1/23/2019	CADNOK	11:30:00 AM					N/A
1/23/2019	CADNOK	1:30:00 PM	6.4488	6.4536			N/A
1/23/2019	CADNOK	3:30:00 PM	6.4399	6.4394			N/A
1/24/2019	CADNOK	9:30:00 AM	6.4133	6.4181			N/A
1/24/2019	CADNOK	11:30:00 AM	6.4129	6.4169			N/A
1/24/2019	CADNOK	1:30:00 PM	6.4151	6.4172			N/A
1/24/2019	CADNOK	3:30:00 PM	6.4233	6.427			N/A
1/25/2019	CADNOK	9:30:00 AM	6.4285	6.4328			N/A
1/25/2019	CADNOK	11:30:00 AM					N/A
1/25/2019	CADNOK	1:30:00 PM	6.4216	6.4233			N/A
1/25/2019	CADNOK	3:30:00 PM	6.4256	6.4304			N/A
1/28/2019	CADNOK	9:30:00 AM	6.4345	6.4389			N/A
1/28/2019	CADNOK	11:30:00 AM	6.444	6.4476			N/A
1/28/2019	CADNOK	1:30:00 PM	6.4386	6.4435			N/A
1/28/2019	CADNOK	3:30:00 PM	6.4293	6.4335			N/A
1/29/2019	CADNOK	9:30:00 AM	6.4052	6.4085			N/A
1/29/2019	CADNOK	11:30:00 AM					N/A
1/29/2019	CADNOK	1:30:00 PM	6.4025	6.4074			N/A
1/29/2019	CADNOK	3:30:00 PM	6.4056	6.4105			N/A
1/30/2019	CADNOK	9:30:00 AM	6.4028	6.4075			N/A
1/30/2019	CADNOK	11:30:00 AM	6.4156	6.4205			N/A
1/30/2019	CADNOK	1:30:00 PM	6.4141	6.4189			N/A

1/30/2019	CADNOK	3:30:00 PM	6.4172	6.4221			N/A
1/31/2019	CADNOK	9:30:00 AM	6.4005	6.4012			N/A
1/31/2019	CADNOK	11:30:00 AM					N/A
1/31/2019	CADNOK	1:30:00 PM	6.4007	6.4056			N/A
1/31/2019	CADNOK	3:30:00 PM	6.3961	6.397			N/A
2/1/2019	CADNOK	9:30:00 AM	6.4189	6.4214			N/A
2/1/2019	CADNOK	11:30:00 AM	6.4141	6.4167			N/A
2/1/2019	CADNOK	1:30:00 PM	6.4108	6.415			N/A
2/1/2019	CADNOK	3:30:00 PM	6.4128	6.4126			N/A
2/4/2019	CADNOK	9:30:00 AM	6.4448	6.4497			N/A
2/4/2019	CADNOK	11:30:00 AM					N/A
2/4/2019	CADNOK	1:30:00 PM	6.4616	6.465			N/A
2/4/2019	CADNOK	3:30:00 PM	6.4584	6.4629			N/A
2/5/2019	CADNOK	9:30:00 AM	6.4542	6.459			N/A
2/5/2019	CADNOK	11:30:00 AM	6.4581	6.4594			N/A
2/5/2019	CADNOK	1:30:00 PM	6.4586	6.4634			N/A
2/5/2019	CADNOK	3:30:00 PM	6.4519	6.4562			N/A
2/6/2019	CADNOK	9:30:00 AM	6.4444	6.4493			N/A
2/6/2019	CADNOK	11:30:00 AM					N/A
2/6/2019	CADNOK	1:30:00 PM	6.4502	6.455			N/A
2/6/2019	CADNOK	3:30:00 PM	6.4556	6.4552			N/A
2/7/2019	CADNOK	9:30:00 AM	6.4554	6.4602			N/A
2/7/2019	CADNOK	11:30:00 AM	6.4696	6.4745			N/A
2/7/2019	CADNOK	1:30:00 PM	6.4748	6.4798			N/A
2/7/2019	CADNOK	3:30:00 PM	6.4582	6.4596			N/A
2/8/2019	CADNOK	9:30:00 AM	6.4541	6.4588			N/A
2/8/2019	CADNOK	11:30:00 AM					N/A
2/8/2019	CADNOK	1:30:00 PM	6.4635	6.4681			N/A
2/8/2019	CADNOK	3:30:00 PM	6.4916	6.4712			N/A
2/11/2019	CADNOK	9:30:00 AM	6.5302	6.533			N/A
2/11/2019	CADNOK	11:30:00 AM	6.5335	6.5375			N/A
2/11/2019	CADNOK	1:30:00 PM	6.5345	6.5394			N/A
2/11/2019	CADNOK	3:30:00 PM	6.5356	6.539			N/A
2/12/2019	CADNOK	9:30:00 AM	6.5455	6.5484			N/A
2/12/2019	CADNOK	11:30:00 AM					N/A
2/12/2019	CADNOK	1:30:00 PM	6.5445	6.5493			N/A
2/12/2019	CADNOK	3:30:00 PM	6.541	6.5458			N/A
2/13/2019	CADNOK	9:30:00 AM	6.5268	6.5304			N/A
2/13/2019	CADNOK	11:30:00 AM	6.5166	6.5194			N/A
2/13/2019	CADNOK	1:30:00 PM	6.5189	6.5236			N/A
2/13/2019	CADNOK	3:30:00 PM	6.5143	6.5179			N/A
2/14/2019	CADNOK	9:30:00 AM	6.5183	6.522			N/A
2/14/2019	CADNOK	11:30:00 AM					N/A
2/14/2019	CADNOK	1:30:00 PM	6.5242	6.529			N/A
2/14/2019	CADNOK	3:30:00 PM	6.5213	6.5258			N/A
2/15/2019	CADNOK	9:30:00 AM					N/A
2/15/2019	CADNOK	11:30:00 AM					N/A
2/15/2019	CADNOK	1:30:00 PM					N/A
2/15/2019	CADNOK	3:30:00 PM					N/A
2/18/2019	CADNOK	9:30:00 AM	6.5134	6.5179			N/A

2/18/2019	CADNOK	11:30:00 AM					N/A
2/18/2019	CADNOK	1:30:00 PM	6.5028	6.5076			N/A
2/18/2019	CADNOK	3:30:00 PM	6.5044	6.509			N/A
2/19/2019	CADNOK	9:30:00 AM	6.4961	6.5009			N/A
2/19/2019	CADNOK	11:30:00 AM	6.5005	6.5043			N/A
2/19/2019	CADNOK	1:30:00 PM	6.5105	6.5147			N/A
2/19/2019	CADNOK	3:30:00 PM	6.5129	6.5169			N/A
2/20/2019	CADNOK	9:30:00 AM	6.5	6.5039			N/A
2/20/2019	CADNOK	11:30:00 AM					N/A
2/20/2019	CADNOK	1:30:00 PM	6.5132	6.5181			N/A
2/20/2019	CADNOK	3:30:00 PM	6.5083	6.5132			N/A
2/21/2019	CADNOK	9:30:00 AM	6.5246	6.5267			N/A
2/21/2019	CADNOK	11:30:00 AM	6.537	6.5408			N/A
2/21/2019	CADNOK	1:30:00 PM	6.5324	6.536			N/A
2/21/2019	CADNOK	3:30:00 PM	6.5428	6.5452			N/A
2/22/2019	CADNOK	9:30:00 AM	6.5114	6.5163			N/A
2/22/2019	CADNOK	11:30:00 AM					N/A
2/22/2019	CADNOK	1:30:00 PM	6.5235	6.5277			N/A
2/22/2019	CADNOK	3:30:00 PM	6.5108	6.5148			N/A
2/25/2019	CADNOK	9:30:00 AM	6.5386	6.5435			N/A
2/25/2019	CADNOK	11:30:00 AM	6.538	6.5423			N/A
2/25/2019	CADNOK	1:30:00 PM	6.5294	6.5343			N/A
2/25/2019	CADNOK	3:30:00 PM	6.535	6.5374			N/A
2/26/2019	CADNOK	9:30:00 AM	6.5178	6.5225			N/A
2/26/2019	CADNOK	11:30:00 AM					N/A
2/26/2019	CADNOK	1:30:00 PM	6.5134	6.5173			N/A
2/26/2019	CADNOK	3:30:00 PM	6.4999	6.502			N/A
2/27/2019	CADNOK	9:30:00 AM	6.4982	6.5017			N/A
2/27/2019	CADNOK	11:30:00 AM	6.4946	6.4986			N/A
2/27/2019	CADNOK	1:30:00 PM	6.4864	6.4908			N/A
2/27/2019	CADNOK	3:30:00 PM	6.4844	6.4861			N/A
2/28/2019	CADNOK	9:30:00 AM	6.4914	6.4939			N/A
2/28/2019	CADNOK	11:30:00 AM					N/A
2/28/2019	CADNOK	1:30:00 PM	6.4703	6.4743			N/A
2/28/2019	CADNOK	3:30:00 PM	6.463	6.4638			N/A
3/1/2019	CADNOK	9:30:00 AM	6.507	6.509			N/A
3/1/2019	CADNOK	11:30:00 AM	6.514	6.5186			N/A
3/1/2019	CADNOK	1:30:00 PM	6.5053	6.5098			N/A
3/1/2019	CADNOK	3:30:00 PM	6.4811	6.4789			N/A
3/4/2019	CADNOK	9:30:00 AM	6.4567	6.4604			N/A
3/4/2019	CADNOK	11:30:00 AM					N/A
3/4/2019	CADNOK	1:30:00 PM	6.463	6.4679			N/A
3/4/2019	CADNOK	3:30:00 PM	6.4661	6.4706			N/A
3/5/2019	CADNOK	9:30:00 AM	6.503	6.5057			N/A
3/5/2019	CADNOK	11:30:00 AM	6.4851	6.4886			N/A
3/5/2019	CADNOK	1:30:00 PM	6.4842	6.4884			N/A
3/5/2019	CADNOK	3:30:00 PM	6.4821	6.4864			N/A
3/6/2019	CADNOK	9:30:00 AM	6.4937	6.4982			N/A
3/6/2019	CADNOK	11:30:00 AM					N/A
3/6/2019	CADNOK	1:30:00 PM	6.4927	6.4971			N/A

3/6/2019	CADNOK	3:30:00 PM	6.4817	6.4827			N/A
3/7/2019	CADNOK	9:30:00 AM	6.4427	6.4476			N/A
3/7/2019	CADNOK	11:30:00 AM	6.4441	6.4481			N/A
3/7/2019	CADNOK	1:30:00 PM	6.4512	6.4561			N/A
3/7/2019	CADNOK	3:30:00 PM	6.4687	6.4695			N/A
3/8/2019	CADNOK	9:30:00 AM	6.5393	6.5442			N/A
3/8/2019	CADNOK	11:30:00 AM					N/A
3/8/2019	CADNOK	1:30:00 PM	6.5309	6.5348			N/A
3/8/2019	CADNOK	3:30:00 PM	6.5353	6.538			N/A
3/11/2019	CADNOK	9:30:00 AM	6.477	6.481			N/A
3/11/2019	CADNOK	11:30:00 AM	6.4801	6.4835			N/A
3/11/2019	CADNOK	1:30:00 PM	6.472	6.4767			N/A
3/11/2019	CADNOK	3:30:00 PM	6.4707	6.4741			N/A
3/12/2019	CADNOK	9:30:00 AM	6.46	6.4642			N/A
3/12/2019	CADNOK	11:30:00 AM					N/A
3/12/2019	CADNOK	1:30:00 PM	6.4561	6.4609			N/A
3/12/2019	CADNOK	3:30:00 PM	6.446	6.4509			N/A
3/13/2019	CADNOK	9:30:00 AM	6.4587	6.4635			N/A
3/13/2019	CADNOK	11:30:00 AM	6.4471	6.452			N/A
3/13/2019	CADNOK	1:30:00 PM	6.4457	6.4498			N/A
3/13/2019	CADNOK	3:30:00 PM	6.4436	6.446			N/A
3/14/2019	CADNOK	9:30:00 AM	6.4329	6.4357			N/A
3/14/2019	CADNOK	11:30:00 AM					N/A
3/14/2019	CADNOK	1:30:00 PM	6.4557	6.4591			N/A
3/14/2019	CADNOK	3:30:00 PM	6.4417	6.4464			N/A
3/15/2019	CADNOK	9:30:00 AM	6.4337	6.4385			N/A
3/15/2019	CADNOK	11:30:00 AM	6.4309	6.4357			N/A
3/15/2019	CADNOK	1:30:00 PM	6.4108	6.4158			N/A
3/15/2019	CADNOK	3:30:00 PM	6.4063	6.4097			N/A
3/18/2019	CADNOK	9:30:00 AM	6.3974	6.402			N/A
3/18/2019	CADNOK	11:30:00 AM					N/A
3/18/2019	CADNOK	1:30:00 PM	6.392	6.396			N/A
3/18/2019	CADNOK	3:30:00 PM	6.3894	6.3928			N/A
3/19/2019	CADNOK	9:30:00 AM	6.4118	6.4152			N/A
3/19/2019	CADNOK	11:30:00 AM	6.4137	6.4181			N/A
3/19/2019	CADNOK	1:30:00 PM	6.4056	6.4105			N/A
3/19/2019	CADNOK	3:30:00 PM	6.4232	6.427			N/A
3/20/2019	CADNOK	9:30:00 AM	6.3957	6.4005			N/A
3/20/2019	CADNOK	11:30:00 AM					N/A
3/20/2019	CADNOK	1:30:00 PM	6.3979	6.4021			N/A
3/20/2019	CADNOK	3:30:00 PM	6.402	6.4068			N/A
3/21/2019	CADNOK	9:30:00 AM	6.3793	6.3841			N/A
3/21/2019	CADNOK	11:30:00 AM	6.3286	6.3298			N/A
3/21/2019	CADNOK	1:30:00 PM	6.3339	6.3384			N/A
3/21/2019	CADNOK	3:30:00 PM	6.3239	6.3267			N/A
3/22/2019	CADNOK	9:30:00 AM	6.3184	6.3226			N/A
3/22/2019	CADNOK	11:30:00 AM					N/A
3/22/2019	CADNOK	1:30:00 PM	6.3653	6.3702			N/A
3/22/2019	CADNOK	3:30:00 PM	6.361	6.3659			N/A
3/25/2019	CADNOK	9:30:00 AM	6.368	6.3725			N/A

3/25/2019	CADNOK	11:30:00 AM	6.3531	6.3573			N/A
3/25/2019	CADNOK	1:30:00 PM	6.3569	6.3618			N/A
3/25/2019	CADNOK	3:30:00 PM	6.3543	6.3592			N/A
3/26/2019	CADNOK	9:30:00 AM	6.3678	6.3727			N/A
3/26/2019	CADNOK	11:30:00 AM					N/A
3/26/2019	CADNOK	1:30:00 PM	6.3616	6.3656			N/A
3/26/2019	CADNOK	3:30:00 PM	6.3677	6.3694			N/A
3/27/2019	CADNOK	9:30:00 AM	6.3943	6.3989			N/A
3/27/2019	CADNOK	11:30:00 AM	6.4011	6.4053			N/A
3/27/2019	CADNOK	1:30:00 PM	6.4025	6.4049			N/A
3/27/2019	CADNOK	3:30:00 PM	6.4136	6.4185			N/A
3/28/2019	CADNOK	9:30:00 AM	6.4346	6.4389			N/A
3/28/2019	CADNOK	11:30:00 AM					N/A
3/28/2019	CADNOK	1:30:00 PM	6.4497	6.4507			N/A
3/28/2019	CADNOK	3:30:00 PM	6.4548	6.458			N/A
3/29/2019	CADNOK	9:30:00 AM	6.4206	6.4255			N/A
3/29/2019	CADNOK	11:30:00 AM	6.434	6.4359			N/A
3/29/2019	CADNOK	1:30:00 PM	6.4237	6.4276			N/A
3/29/2019	CADNOK	3:30:00 PM	6.4361	6.4401			N/A
1/1/2019	CADPLN	9:30:00 AM					N/A
1/1/2019	CADPLN	11:30:00 AM					N/A
1/1/2019	CADPLN	1:30:00 PM					N/A
1/1/2019	CADPLN	3:30:00 PM					N/A
1/2/2019	CADPLN	9:30:00 AM					N/A
1/2/2019	CADPLN	11:30:00 AM					N/A
1/2/2019	CADPLN	1:30:00 PM					N/A
1/2/2019	CADPLN	3:30:00 PM					N/A
1/3/2019	CADPLN	9:30:00 AM					N/A
1/3/2019	CADPLN	11:30:00 AM					N/A
1/3/2019	CADPLN	1:30:00 PM					N/A
1/3/2019	CADPLN	3:30:00 PM					N/A
1/4/2019	CADPLN	9:30:00 AM					N/A
1/4/2019	CADPLN	11:30:00 AM					N/A
1/4/2019	CADPLN	1:30:00 PM					N/A
1/4/2019	CADPLN	3:30:00 PM					N/A
1/7/2019	CADPLN	9:30:00 AM	2.813	2.8149			N/A
1/7/2019	CADPLN	11:30:00 AM					N/A
1/7/2019	CADPLN	1:30:00 PM	2.808	2.8099			N/A
1/7/2019	CADPLN	3:30:00 PM	2.8078	2.8097			N/A
1/8/2019	CADPLN	9:30:00 AM	2.8276	2.8296			N/A
1/8/2019	CADPLN	11:30:00 AM	2.8273	2.8289			N/A
1/8/2019	CADPLN	1:30:00 PM	2.8294	2.8313			N/A
1/8/2019	CADPLN	3:30:00 PM	2.8281	2.8291			N/A
1/9/2019	CADPLN	9:30:00 AM	2.8303	2.832			N/A
1/9/2019	CADPLN	11:30:00 AM					N/A
1/9/2019	CADPLN	1:30:00 PM	2.8351	2.8366			N/A
1/9/2019	CADPLN	3:30:00 PM	2.8338	2.8358			N/A
1/10/2019	CADPLN	9:30:00 AM	2.8131	2.815			N/A
1/10/2019	CADPLN	11:30:00 AM	2.8205	2.8221			N/A
1/10/2019	CADPLN	1:30:00 PM	2.8186	2.8205			N/A

1/10/2019	CADPLN	3:30:00 PM	2.8163	2.8173			N/A
1/11/2019	CADPLN	9:30:00 AM	2.8202	2.8221			N/A
1/11/2019	CADPLN	11:30:00 AM					N/A
1/11/2019	CADPLN	1:30:00 PM	2.8231	2.825			N/A
1/11/2019	CADPLN	3:30:00 PM	2.8171	2.818			N/A
1/14/2019	CADPLN	9:30:00 AM	2.8178	2.8196			N/A
1/14/2019	CADPLN	11:30:00 AM	2.8207	2.8226			N/A
1/14/2019	CADPLN	1:30:00 PM	2.8194	2.8213			N/A
1/14/2019	CADPLN	3:30:00 PM	2.8193	2.8213			N/A
1/15/2019	CADPLN	9:30:00 AM	2.8181	2.8188			N/A
1/15/2019	CADPLN	11:30:00 AM					N/A
1/15/2019	CADPLN	1:30:00 PM	2.8289	2.8308			N/A
1/15/2019	CADPLN	3:30:00 PM	2.8339	2.8342			N/A
1/16/2019	CADPLN	9:30:00 AM	2.839	2.8409			N/A
1/16/2019	CADPLN	11:30:00 AM	2.8326	2.8344			N/A
1/16/2019	CADPLN	1:30:00 PM	2.8321	2.8332			N/A
1/16/2019	CADPLN	3:30:00 PM	2.8382	2.8402			N/A
1/17/2019	CADPLN	9:30:00 AM	2.8328	2.8347			N/A
1/17/2019	CADPLN	11:30:00 AM					N/A
1/17/2019	CADPLN	1:30:00 PM	2.827	2.8289			N/A
1/17/2019	CADPLN	3:30:00 PM	2.8223	2.8215			N/A
1/18/2019	CADPLN	9:30:00 AM	2.8358	2.8377			N/A
1/18/2019	CADPLN	11:30:00 AM	2.8379	2.839			N/A
1/18/2019	CADPLN	1:30:00 PM	2.8372	2.8391			N/A
1/18/2019	CADPLN	3:30:00 PM	2.8414	2.8356			N/A
1/21/2019	CADPLN	9:30:00 AM	2.8389	2.8408			N/A
1/21/2019	CADPLN	11:30:00 AM					N/A
1/21/2019	CADPLN	1:30:00 PM	2.8391	2.841			N/A
1/21/2019	CADPLN	3:30:00 PM	2.8357	2.8376			N/A
1/22/2019	CADPLN	9:30:00 AM	2.8324	2.8342			N/A
1/22/2019	CADPLN	11:30:00 AM	2.8275	2.8294			N/A
1/22/2019	CADPLN	1:30:00 PM	2.829	2.8309			N/A
1/22/2019	CADPLN	3:30:00 PM	2.8292	2.831			N/A
1/23/2019	CADPLN	9:30:00 AM	2.8292	2.8301			N/A
1/23/2019	CADPLN	11:30:00 AM					N/A
1/23/2019	CADPLN	1:30:00 PM	2.8312	2.8331			N/A
1/23/2019	CADPLN	3:30:00 PM	2.8317	2.8313			N/A
1/24/2019	CADPLN	9:30:00 AM	2.8235	2.8254			N/A
1/24/2019	CADPLN	11:30:00 AM	2.8333	2.835			N/A
1/24/2019	CADPLN	1:30:00 PM	2.8351	2.8355			N/A
1/24/2019	CADPLN	3:30:00 PM	2.8301	2.8318			N/A
1/25/2019	CADPLN	9:30:00 AM	2.842	2.8439			N/A
1/25/2019	CADPLN	11:30:00 AM					N/A
1/25/2019	CADPLN	1:30:00 PM	2.8396	2.8415			N/A
1/25/2019	CADPLN	3:30:00 PM	2.8389	2.8406			N/A
1/28/2019	CADPLN	9:30:00 AM	2.8428	2.8447			N/A
1/28/2019	CADPLN	11:30:00 AM	2.8458	2.8474			N/A
1/28/2019	CADPLN	1:30:00 PM	2.8378	2.8397			N/A
1/28/2019	CADPLN	3:30:00 PM	2.8344	2.8363			N/A
1/29/2019	CADPLN	9:30:00 AM	2.8289	2.8308			N/A

1/29/2019	CADPLN	11:30:00 AM					N/A
1/29/2019	CADPLN	1:30:00 PM	2.8316	2.8335			N/A
1/29/2019	CADPLN	3:30:00 PM	2.8358	2.8377			N/A
1/30/2019	CADPLN	9:30:00 AM	2.8314	2.8333			N/A
1/30/2019	CADPLN	11:30:00 AM	2.8368	2.8387			N/A
1/30/2019	CADPLN	1:30:00 PM	2.8358	2.8374			N/A
1/30/2019	CADPLN	3:30:00 PM	2.8403	2.8422			N/A
1/31/2019	CADPLN	9:30:00 AM	2.8317	2.8326			N/A
1/31/2019	CADPLN	11:30:00 AM					N/A
1/31/2019	CADPLN	1:30:00 PM	2.8338	2.8357			N/A
1/31/2019	CADPLN	3:30:00 PM	2.8286	2.8288			N/A
2/1/2019	CADPLN	9:30:00 AM	2.8329	2.8348			N/A
2/1/2019	CADPLN	11:30:00 AM	2.8354	2.8373			N/A
2/1/2019	CADPLN	1:30:00 PM	2.8306	2.8326			N/A
2/1/2019	CADPLN	3:30:00 PM	2.8375	2.8376			N/A
2/4/2019	CADPLN	9:30:00 AM	2.8615	2.8635			N/A
2/4/2019	CADPLN	11:30:00 AM					N/A
2/4/2019	CADPLN	1:30:00 PM	2.8561	2.858			N/A
2/4/2019	CADPLN	3:30:00 PM	2.8519	2.8535			N/A
2/5/2019	CADPLN	9:30:00 AM	2.8594	2.8613			N/A
2/5/2019	CADPLN	11:30:00 AM	2.8629	2.8627			N/A
2/5/2019	CADPLN	1:30:00 PM	2.8643	2.8662			N/A
2/5/2019	CADPLN	3:30:00 PM	2.8601	2.862			N/A
2/6/2019	CADPLN	9:30:00 AM	2.8574	2.8594			N/A
2/6/2019	CADPLN	11:30:00 AM					N/A
2/6/2019	CADPLN	1:30:00 PM	2.8551	2.857			N/A
2/6/2019	CADPLN	3:30:00 PM	2.8571	2.857			N/A
2/7/2019	CADPLN	9:30:00 AM	2.8555	2.8574			N/A
2/7/2019	CADPLN	11:30:00 AM	2.861	2.8629			N/A
2/7/2019	CADPLN	1:30:00 PM	2.8637	2.8656			N/A
2/7/2019	CADPLN	3:30:00 PM	2.855	2.8562			N/A
2/8/2019	CADPLN	9:30:00 AM	2.8512	2.8531			N/A
2/8/2019	CADPLN	11:30:00 AM					N/A
2/8/2019	CADPLN	1:30:00 PM	2.8502	2.8521			N/A
2/8/2019	CADPLN	3:30:00 PM	2.8628	2.8526			N/A
2/11/2019	CADPLN	9:30:00 AM	2.8622	2.8638			N/A
2/11/2019	CADPLN	11:30:00 AM	2.8719	2.8738			N/A
2/11/2019	CADPLN	1:30:00 PM	2.8755	2.8774			N/A
2/11/2019	CADPLN	3:30:00 PM	2.874	2.8759			N/A
2/12/2019	CADPLN	9:30:00 AM	2.8842	2.8859			N/A
2/12/2019	CADPLN	11:30:00 AM					N/A
2/12/2019	CADPLN	1:30:00 PM	2.8904	2.8923			N/A
2/12/2019	CADPLN	3:30:00 PM	2.8883	2.8902			N/A
2/13/2019	CADPLN	9:30:00 AM	2.8895	2.8914			N/A
2/13/2019	CADPLN	11:30:00 AM	2.8877	2.8891			N/A
2/13/2019	CADPLN	1:30:00 PM	2.8881	2.89			N/A
2/13/2019	CADPLN	3:30:00 PM					N/A
2/14/2019	CADPLN	9:30:00 AM	2.9022	2.903			N/A
2/14/2019	CADPLN	11:30:00 AM					N/A
2/14/2019	CADPLN	1:30:00 PM	2.897	2.899			N/A

2/14/2019	CADPLN	3:30:00 PM	2.8962	2.8982			N/A
2/15/2019	CADPLN	9:30:00 AM					N/A
2/15/2019	CADPLN	11:30:00 AM					N/A
2/15/2019	CADPLN	1:30:00 PM					N/A
2/15/2019	CADPLN	3:30:00 PM					N/A
2/18/2019	CADPLN	9:30:00 AM	2.891	2.8924			N/A
2/18/2019	CADPLN	11:30:00 AM					N/A
2/18/2019	CADPLN	1:30:00 PM	2.8872	2.8891			N/A
2/18/2019	CADPLN	3:30:00 PM	2.8886	2.8906			N/A
2/19/2019	CADPLN	9:30:00 AM	2.8894	2.8911			N/A
2/19/2019	CADPLN	11:30:00 AM	2.8866	2.8877			N/A
2/19/2019	CADPLN	1:30:00 PM	2.8951	2.897			N/A
2/19/2019	CADPLN	3:30:00 PM	2.8974	2.8991			N/A
2/20/2019	CADPLN	9:30:00 AM	2.8957	2.8976			N/A
2/20/2019	CADPLN	11:30:00 AM					N/A
2/20/2019	CADPLN	1:30:00 PM	2.9052	2.907			N/A
2/20/2019	CADPLN	3:30:00 PM	2.903	2.905			N/A
2/21/2019	CADPLN	9:30:00 AM	2.8979	2.899			N/A
2/21/2019	CADPLN	11:30:00 AM	2.895	2.8969			N/A
2/21/2019	CADPLN	1:30:00 PM	2.8956	2.8975			N/A
2/21/2019	CADPLN	3:30:00 PM	2.9009	2.902			N/A
2/22/2019	CADPLN	9:30:00 AM	2.8866	2.8885			N/A
2/22/2019	CADPLN	11:30:00 AM					N/A
2/22/2019	CADPLN	1:30:00 PM	2.8957	2.8976			N/A
2/22/2019	CADPLN	3:30:00 PM	2.8922	2.8942			N/A
2/25/2019	CADPLN	9:30:00 AM	2.9077	2.9096			N/A
2/25/2019	CADPLN	11:30:00 AM					N/A
2/25/2019	CADPLN	1:30:00 PM	2.9074	2.9086			N/A
2/25/2019	CADPLN	3:30:00 PM	2.9023	2.9042			N/A
2/26/2019	CADPLN	9:30:00 AM	2.8912	2.8932			N/A
2/26/2019	CADPLN	11:30:00 AM					N/A
2/26/2019	CADPLN	1:30:00 PM	2.8839	2.8858			N/A
2/26/2019	CADPLN	3:30:00 PM	2.8813	2.8822			N/A
2/27/2019	CADPLN	9:30:00 AM	2.8857	2.8876			N/A
2/27/2019	CADPLN	11:30:00 AM	2.8795	2.8815			N/A
2/27/2019	CADPLN	1:30:00 PM	2.8816	2.8831			N/A
2/27/2019	CADPLN	3:30:00 PM	2.8808	2.8812			N/A
2/28/2019	CADPLN	9:30:00 AM	2.8798	2.8817			N/A
2/28/2019	CADPLN	11:30:00 AM					N/A
2/28/2019	CADPLN	1:30:00 PM	2.8649	2.8664			N/A
2/28/2019	CADPLN	3:30:00 PM	2.8645	2.8647			N/A
3/1/2019	CADPLN	9:30:00 AM	2.8784	2.8802			N/A
3/1/2019	CADPLN	11:30:00 AM	2.883	2.8848			N/A
3/1/2019	CADPLN	1:30:00 PM	2.8815	2.8833			N/A
3/1/2019	CADPLN	3:30:00 PM	2.8691	2.8686			N/A
3/4/2019	CADPLN	9:30:00 AM	2.8488	2.8507			N/A
3/4/2019	CADPLN	11:30:00 AM					N/A
3/4/2019	CADPLN	1:30:00 PM	2.8462	2.8481			N/A
3/4/2019	CADPLN	3:30:00 PM	2.847	2.849			N/A
3/5/2019	CADPLN	9:30:00 AM	2.8496	2.8509			N/A

3/5/2019	CADPLN	11:30:00 AM	2.8451	2.8469			N/A
3/5/2019	CADPLN	1:30:00 PM	2.8442	2.8461			N/A
3/5/2019	CADPLN	3:30:00 PM	2.8441	2.8458			N/A
3/6/2019	CADPLN	9:30:00 AM	2.8477	2.8496			N/A
3/6/2019	CADPLN	11:30:00 AM					N/A
3/6/2019	CADPLN	1:30:00 PM	2.844	2.8459			N/A
3/6/2019	CADPLN	3:30:00 PM	2.8393	2.841			N/A
3/7/2019	CADPLN	9:30:00 AM	2.8296	2.8314			N/A
3/7/2019	CADPLN	11:30:00 AM	2.8286	2.8305			N/A
3/7/2019	CADPLN	1:30:00 PM	2.8299	2.8318			N/A
3/7/2019	CADPLN	3:30:00 PM	2.8408	2.8422			N/A
3/8/2019	CADPLN	9:30:00 AM	2.8604	2.8615			N/A
3/8/2019	CADPLN	11:30:00 AM					N/A
3/8/2019	CADPLN	1:30:00 PM	2.8534	2.8553			N/A
3/8/2019	CADPLN	3:30:00 PM	2.8498	2.8517			N/A
3/11/2019	CADPLN	9:30:00 AM	2.8474	2.8492			N/A
3/11/2019	CADPLN	11:30:00 AM	2.8473	2.849			N/A
3/11/2019	CADPLN	1:30:00 PM	2.8492	2.8509			N/A
3/11/2019	CADPLN	3:30:00 PM	2.8484	2.8495			N/A
3/12/2019	CADPLN	9:30:00 AM	2.85	2.8519			N/A
3/12/2019	CADPLN	11:30:00 AM					N/A
3/12/2019	CADPLN	1:30:00 PM	2.8511	2.8523			N/A
3/12/2019	CADPLN	3:30:00 PM	2.8462	2.8481			N/A
3/13/2019	CADPLN	9:30:00 AM	2.8506	2.8524			N/A
3/13/2019	CADPLN	11:30:00 AM	2.8495	2.8514			N/A
3/13/2019	CADPLN	1:30:00 PM	2.8485	2.8503			N/A
3/13/2019	CADPLN	3:30:00 PM	2.8495	2.8506			N/A
3/14/2019	CADPLN	9:30:00 AM	2.852	2.8539			N/A
3/14/2019	CADPLN	11:30:00 AM					N/A
3/14/2019	CADPLN	1:30:00 PM	2.8554	2.8568			N/A
3/14/2019	CADPLN	3:30:00 PM	2.8549	2.8568			N/A
3/15/2019	CADPLN	9:30:00 AM	2.8584	2.8601			N/A
3/15/2019	CADPLN	11:30:00 AM	2.8561	2.858			N/A
3/15/2019	CADPLN	1:30:00 PM	2.8536	2.8554			N/A
3/15/2019	CADPLN	3:30:00 PM	2.8459	2.8478			N/A
3/18/2019	CADPLN	9:30:00 AM	2.8473	2.8488			N/A
3/18/2019	CADPLN	11:30:00 AM					N/A
3/18/2019	CADPLN	1:30:00 PM	2.8407	2.8425			N/A
3/18/2019	CADPLN	3:30:00 PM	2.8385	2.8402			N/A
3/19/2019	CADPLN	9:30:00 AM					N/A
3/19/2019	CADPLN	11:30:00 AM	2.8362	2.8379			N/A
3/19/2019	CADPLN	1:30:00 PM	2.8378	2.8398			N/A
3/19/2019	CADPLN	3:30:00 PM	2.8483	2.8501			N/A
3/20/2019	CADPLN	9:30:00 AM	2.8308	2.8328			N/A
3/20/2019	CADPLN	11:30:00 AM					N/A
3/20/2019	CADPLN	1:30:00 PM	2.8301	2.832			N/A
3/20/2019	CADPLN	3:30:00 PM	2.8307	2.8326			N/A
3/21/2019	CADPLN	9:30:00 AM	2.8151	2.817			N/A
3/21/2019	CADPLN	11:30:00 AM	2.8224	2.8235			N/A
3/21/2019	CADPLN	1:30:00 PM	2.8209	2.8227			N/A

3/21/2019	CADPLN	3:30:00 PM	2.8143	2.8162			N/A
3/22/2019	CADPLN	9:30:00 AM	2.8158	2.8178			N/A
3/22/2019	CADPLN	11:30:00 AM					N/A
3/22/2019	CADPLN	1:30:00 PM	2.8351	2.837			N/A
3/22/2019	CADPLN	3:30:00 PM	2.8335	2.8353			N/A
3/25/2019	CADPLN	9:30:00 AM	2.8298	2.8313			N/A
3/25/2019	CADPLN	11:30:00 AM	2.8296	2.8315			N/A
3/25/2019	CADPLN	1:30:00 PM	2.8316	2.8333			N/A
3/25/2019	CADPLN	3:30:00 PM	2.8262	2.8279			N/A
3/26/2019	CADPLN	9:30:00 AM	2.8311	2.833			N/A
3/26/2019	CADPLN	11:30:00 AM					N/A
3/26/2019	CADPLN	1:30:00 PM	2.8315	2.8334			N/A
3/26/2019	CADPLN	3:30:00 PM	2.8372	2.8377			N/A
3/27/2019	CADPLN	9:30:00 AM	2.8454	2.8473			N/A
3/27/2019	CADPLN	11:30:00 AM	2.8477	2.8495			N/A
3/27/2019	CADPLN	1:30:00 PM	2.8412	2.8432			N/A
3/27/2019	CADPLN	3:30:00 PM	2.8432	2.8451			N/A
3/28/2019	CADPLN	9:30:00 AM	2.8452	2.8469			N/A
3/28/2019	CADPLN	11:30:00 AM					N/A
3/28/2019	CADPLN	1:30:00 PM	2.8479	2.849			N/A
3/28/2019	CADPLN	3:30:00 PM	2.8475	2.8494			N/A
3/29/2019	CADPLN	9:30:00 AM	2.8444	2.8463			N/A
3/29/2019	CADPLN	11:30:00 AM	2.8525	2.8532			N/A
3/29/2019	CADPLN	1:30:00 PM	2.8536	2.8555			N/A
3/29/2019	CADPLN	3:30:00 PM	2.8654	2.8665			N/A
1/1/2019	CADSEK	9:30:00 AM					N/A
1/1/2019	CADSEK	11:30:00 AM					N/A
1/1/2019	CADSEK	1:30:00 PM					N/A
1/1/2019	CADSEK	3:30:00 PM					N/A
1/2/2019	CADSEK	9:30:00 AM					N/A
1/2/2019	CADSEK	11:30:00 AM					N/A
1/2/2019	CADSEK	1:30:00 PM					N/A
1/2/2019	CADSEK	3:30:00 PM					N/A
1/3/2019	CADSEK	9:30:00 AM					N/A
1/3/2019	CADSEK	11:30:00 AM					N/A
1/3/2019	CADSEK	1:30:00 PM					N/A
1/3/2019	CADSEK	3:30:00 PM					N/A
1/4/2019	CADSEK	9:30:00 AM					N/A
1/4/2019	CADSEK	11:30:00 AM					N/A
1/4/2019	CADSEK	1:30:00 PM					N/A
1/4/2019	CADSEK	3:30:00 PM					N/A
1/7/2019	CADSEK	9:30:00 AM	6.6934	6.6958			N/A
1/7/2019	CADSEK	11:30:00 AM					N/A
1/7/2019	CADSEK	1:30:00 PM	6.6894	6.6926			N/A
1/7/2019	CADSEK	3:30:00 PM	6.6884	6.6911			N/A
1/8/2019	CADSEK	9:30:00 AM	6.7126	6.7148			N/A
1/8/2019	CADSEK	11:30:00 AM	6.6971	6.6986			N/A
1/8/2019	CADSEK	1:30:00 PM	6.6918	6.6939			N/A
1/8/2019	CADSEK	3:30:00 PM	6.6946	6.698			N/A
1/9/2019	CADSEK	9:30:00 AM	6.735	6.7385			N/A

1/9/2019	CADSEK	11:30:00 AM					N/A
1/9/2019	CADSEK	1:30:00 PM	6.7501	6.7513			N/A
1/9/2019	CADSEK	3:30:00 PM	6.7418	6.7457			N/A
1/10/2019	CADSEK	9:30:00 AM	6.6983	6.7023			N/A
1/10/2019	CADSEK	11:30:00 AM	6.7142	6.7179			N/A
1/10/2019	CADSEK	1:30:00 PM	6.7131	6.716			N/A
1/10/2019	CADSEK	3:30:00 PM	6.7076	6.7084			N/A
1/11/2019	CADSEK	9:30:00 AM	6.7221	6.726			N/A
1/11/2019	CADSEK	11:30:00 AM					N/A
1/11/2019	CADSEK	1:30:00 PM	6.7265	6.7296			N/A
1/11/2019	CADSEK	3:30:00 PM	6.7127	6.7145			N/A
1/14/2019	CADSEK	9:30:00 AM	6.7344	6.7356			N/A
1/14/2019	CADSEK	11:30:00 AM	6.7253	6.729			N/A
1/14/2019	CADSEK	1:30:00 PM	6.73	6.7312			N/A
1/14/2019	CADSEK	3:30:00 PM	6.7366	6.7406			N/A
1/15/2019	CADSEK	9:30:00 AM	6.7334	6.7372			N/A
1/15/2019	CADSEK	11:30:00 AM					N/A
1/15/2019	CADSEK	1:30:00 PM	6.7511	6.754			N/A
1/15/2019	CADSEK	3:30:00 PM	6.7607	6.7619			N/A
1/16/2019	CADSEK	9:30:00 AM	6.7626	6.7647			N/A
1/16/2019	CADSEK	11:30:00 AM	6.7568	6.7597			N/A
1/16/2019	CADSEK	1:30:00 PM	6.7624	6.7622			N/A
1/16/2019	CADSEK	3:30:00 PM	6.7839	6.7871			N/A
1/17/2019	CADSEK	9:30:00 AM	6.7913	6.7916			N/A
1/17/2019	CADSEK	11:30:00 AM					N/A
1/17/2019	CADSEK	1:30:00 PM	6.788	6.7919			N/A
1/17/2019	CADSEK	3:30:00 PM	6.7814	6.7826			N/A
1/18/2019	CADSEK	9:30:00 AM	6.7884	6.7898			N/A
1/18/2019	CADSEK	11:30:00 AM	6.7797	6.7827			N/A
1/18/2019	CADSEK	1:30:00 PM	6.7766	6.7805			N/A
1/18/2019	CADSEK	3:30:00 PM	6.7895	6.7753			N/A
1/21/2019	CADSEK	9:30:00 AM	6.7858	6.7889			N/A
1/21/2019	CADSEK	11:30:00 AM					N/A
1/21/2019	CADSEK	1:30:00 PM	6.7813	6.7852			N/A
1/21/2019	CADSEK	3:30:00 PM	6.7809	6.7846			N/A
1/22/2019	CADSEK	9:30:00 AM	6.7769	6.7797			N/A
1/22/2019	CADSEK	11:30:00 AM	6.7636	6.7674			N/A
1/22/2019	CADSEK	1:30:00 PM	6.7734	6.7768			N/A
1/22/2019	CADSEK	3:30:00 PM	6.7744	6.7763			N/A
1/23/2019	CADSEK	9:30:00 AM	6.7605	6.7643			N/A
1/23/2019	CADSEK	11:30:00 AM					N/A
1/23/2019	CADSEK	1:30:00 PM	6.7723	6.7762			N/A
1/23/2019	CADSEK	3:30:00 PM	6.7691	6.7666			N/A
1/24/2019	CADSEK	9:30:00 AM	6.754	6.7572			N/A
1/24/2019	CADSEK	11:30:00 AM	6.7746	6.7757			N/A
1/24/2019	CADSEK	1:30:00 PM	6.7937	6.7941			N/A
1/24/2019	CADSEK	3:30:00 PM	6.794	6.7968			N/A
1/25/2019	CADSEK	9:30:00 AM	6.8065	6.8092			N/A
1/25/2019	CADSEK	11:30:00 AM					N/A
1/25/2019	CADSEK	1:30:00 PM	6.8164	6.8183			N/A

1/25/2019	CADSEK	3:30:00 PM	6.8199	6.8238			N/A
1/28/2019	CADSEK	9:30:00 AM	6.8405	6.8417			N/A
1/28/2019	CADSEK	11:30:00 AM	6.8412	6.8444			N/A
1/28/2019	CADSEK	1:30:00 PM	6.8475	6.8514			N/A
1/28/2019	CADSEK	3:30:00 PM	6.8409	6.8448			N/A
1/29/2019	CADSEK	9:30:00 AM	6.82	6.8229			N/A
1/29/2019	CADSEK	11:30:00 AM					N/A
1/29/2019	CADSEK	1:30:00 PM	6.8295	6.8334			N/A
1/29/2019	CADSEK	3:30:00 PM	6.8329	6.8368			N/A
1/30/2019	CADSEK	9:30:00 AM	6.8305	6.8344			N/A
1/30/2019	CADSEK	11:30:00 AM	6.8534	6.8572			N/A
1/30/2019	CADSEK	1:30:00 PM	6.868	6.8719			N/A
1/30/2019	CADSEK	3:30:00 PM	6.8727	6.8766			N/A
1/31/2019	CADSEK	9:30:00 AM	6.8685	6.8719			N/A
1/31/2019	CADSEK	11:30:00 AM					N/A
1/31/2019	CADSEK	1:30:00 PM	6.8686	6.8717			N/A
1/31/2019	CADSEK	3:30:00 PM	6.8701	6.8678			N/A
2/1/2019	CADSEK	9:30:00 AM	6.8822	6.8838			N/A
2/1/2019	CADSEK	11:30:00 AM	6.8812	6.8829			N/A
2/1/2019	CADSEK	1:30:00 PM	6.8831	6.8858			N/A
2/1/2019	CADSEK	3:30:00 PM	6.8902	6.8877			N/A
2/4/2019	CADSEK	9:30:00 AM	6.919	6.9228			N/A
2/4/2019	CADSEK	11:30:00 AM					N/A
2/4/2019	CADSEK	1:30:00 PM	6.9306	6.9335			N/A
2/4/2019	CADSEK	3:30:00 PM	6.9298	6.9321			N/A
2/5/2019	CADSEK	9:30:00 AM	6.949	6.9498			N/A
2/5/2019	CADSEK	11:30:00 AM	6.9557	6.9574			N/A
2/5/2019	CADSEK	1:30:00 PM	6.9551	6.9589			N/A
2/5/2019	CADSEK	3:30:00 PM	6.9327	6.9356			N/A
2/6/2019	CADSEK	9:30:00 AM	6.9314	6.9346			N/A
2/6/2019	CADSEK	11:30:00 AM					N/A
2/6/2019	CADSEK	1:30:00 PM	6.9383	6.9407			N/A
2/6/2019	CADSEK	3:30:00 PM	6.9516	6.9513			N/A
2/7/2019	CADSEK	9:30:00 AM	6.9496	6.9525			N/A
2/7/2019	CADSEK	11:30:00 AM	6.9651	6.9689			N/A
2/7/2019	CADSEK	1:30:00 PM	6.9804	6.9834			N/A
2/7/2019	CADSEK	3:30:00 PM	6.956	6.9551			N/A
2/8/2019	CADSEK	9:30:00 AM	6.955	6.9567			N/A
2/8/2019	CADSEK	11:30:00 AM					N/A
2/8/2019	CADSEK	1:30:00 PM	6.9557	6.9596			N/A
2/8/2019	CADSEK	3:30:00 PM	6.9806	6.9544			N/A
2/11/2019	CADSEK	9:30:00 AM	6.9815	6.9848			N/A
2/11/2019	CADSEK	11:30:00 AM	6.9755	6.9785			N/A
2/11/2019	CADSEK	1:30:00 PM	6.982	6.9851			N/A
2/11/2019	CADSEK	3:30:00 PM	6.979	6.9825			N/A
2/12/2019	CADSEK	9:30:00 AM	6.9848	6.9886			N/A
2/12/2019	CADSEK	11:30:00 AM					N/A
2/12/2019	CADSEK	1:30:00 PM	6.9819	6.9858			N/A
2/12/2019	CADSEK	3:30:00 PM	6.9959	6.9997			N/A
2/13/2019	CADSEK	9:30:00 AM	7.0037	7.0062			N/A

2/13/2019	CADSEK	11:30:00 AM	6.9709	6.9748			N/A
2/13/2019	CADSEK	1:30:00 PM	6.9548	6.9587			N/A
2/13/2019	CADSEK	3:30:00 PM	6.9477	6.9503			N/A
2/14/2019	CADSEK	9:30:00 AM	6.9842	6.9851			N/A
2/14/2019	CADSEK	11:30:00 AM					N/A
2/14/2019	CADSEK	1:30:00 PM	6.9912	6.9947			N/A
2/14/2019	CADSEK	3:30:00 PM					N/A
2/15/2019	CADSEK	9:30:00 AM					N/A
2/15/2019	CADSEK	11:30:00 AM					N/A
2/15/2019	CADSEK	1:30:00 PM					N/A
2/15/2019	CADSEK	3:30:00 PM					N/A
2/18/2019	CADSEK	9:30:00 AM	6.9936	6.9966			N/A
2/18/2019	CADSEK	11:30:00 AM					N/A
2/18/2019	CADSEK	1:30:00 PM	6.9835	6.9853			N/A
2/18/2019	CADSEK	3:30:00 PM	6.9857	6.9896			N/A
2/19/2019	CADSEK	9:30:00 AM	6.9874	6.9905			N/A
2/19/2019	CADSEK	11:30:00 AM	7.0591	7.059			N/A
2/19/2019	CADSEK	1:30:00 PM	7.0776	7.0815			N/A
2/19/2019	CADSEK	3:30:00 PM	7.0835	7.0874			N/A
2/20/2019	CADSEK	9:30:00 AM	7.0542	7.0581			N/A
2/20/2019	CADSEK	11:30:00 AM					N/A
2/20/2019	CADSEK	1:30:00 PM	7.0692	7.0726			N/A
2/20/2019	CADSEK	3:30:00 PM	7.0664	7.0686			N/A
2/21/2019	CADSEK	9:30:00 AM	7.0742	7.0766			N/A
2/21/2019	CADSEK	11:30:00 AM	7.0779	7.081			N/A
2/21/2019	CADSEK	1:30:00 PM	7.0836	7.0858			N/A
2/21/2019	CADSEK	3:30:00 PM	7.1063	7.1076			N/A
2/22/2019	CADSEK	9:30:00 AM	7.0717	7.0733			N/A
2/22/2019	CADSEK	11:30:00 AM					N/A
2/22/2019	CADSEK	1:30:00 PM	7.0823	7.0844			N/A
2/22/2019	CADSEK	3:30:00 PM	7.0721	7.0755			N/A
2/25/2019	CADSEK	9:30:00 AM	7.1005	7.1041			N/A
2/25/2019	CADSEK	11:30:00 AM	7.0949	7.0986			N/A
2/25/2019	CADSEK	1:30:00 PM	7.0899	7.0929			N/A
2/25/2019	CADSEK	3:30:00 PM	7.0809	7.0833			N/A
2/26/2019	CADSEK	9:30:00 AM	7.059	7.0623			N/A
2/26/2019	CADSEK	11:30:00 AM					N/A
2/26/2019	CADSEK	1:30:00 PM	7.0544	7.0573			N/A
2/26/2019	CADSEK	3:30:00 PM	7.044	7.0447			N/A
2/27/2019	CADSEK	9:30:00 AM	7.0529	7.0552			N/A
2/27/2019	CADSEK	11:30:00 AM	7.0399	7.0432			N/A
2/27/2019	CADSEK	1:30:00 PM	7.0392	7.0425			N/A
2/27/2019	CADSEK	3:30:00 PM	7.0407	7.0399			N/A
2/28/2019	CADSEK	9:30:00 AM	7.032	7.0349			N/A
2/28/2019	CADSEK	11:30:00 AM					N/A
2/28/2019	CADSEK	1:30:00 PM	6.9716	6.9739			N/A
2/28/2019	CADSEK	3:30:00 PM	6.9702	6.9685			N/A
3/1/2019	CADSEK	9:30:00 AM	7.0289	7.0287			N/A
3/1/2019	CADSEK	11:30:00 AM	7.0336	7.0369			N/A
3/1/2019	CADSEK	1:30:00 PM	7.0211	7.0246			N/A

3/1/2019	CADSEK	3:30:00 PM	6.9964	6.9916			N/A
3/4/2019	CADSEK	9:30:00 AM	6.9737	6.9776			N/A
3/4/2019	CADSEK	11:30:00 AM					N/A
3/4/2019	CADSEK	1:30:00 PM	6.9802	6.9841			N/A
3/4/2019	CADSEK	3:30:00 PM	6.9941	6.9978			N/A
3/5/2019	CADSEK	9:30:00 AM	7.0209	7.0201			N/A
3/5/2019	CADSEK	11:30:00 AM	6.9826	6.9852			N/A
3/5/2019	CADSEK	1:30:00 PM	6.9812	6.9836			N/A
3/5/2019	CADSEK	3:30:00 PM	6.9769	6.9799			N/A
3/6/2019	CADSEK	9:30:00 AM	6.9743	6.9767			N/A
3/6/2019	CADSEK	11:30:00 AM					N/A
3/6/2019	CADSEK	1:30:00 PM	6.9754	6.9787			N/A
3/6/2019	CADSEK	3:30:00 PM	6.9656	6.9658			N/A
3/7/2019	CADSEK	9:30:00 AM	6.9155	6.9193			N/A
3/7/2019	CADSEK	11:30:00 AM	6.9263	6.9272			N/A
3/7/2019	CADSEK	1:30:00 PM	6.9485	6.9505			N/A
3/7/2019	CADSEK	3:30:00 PM	6.9803	6.9834			N/A
3/8/2019	CADSEK	9:30:00 AM	7.0431	7.047			N/A
3/8/2019	CADSEK	11:30:00 AM					N/A
3/8/2019	CADSEK	1:30:00 PM	7.0414	7.0447			N/A
3/8/2019	CADSEK	3:30:00 PM	7.0455	7.0465			N/A
3/11/2019	CADSEK	9:30:00 AM	7.0054	7.008			N/A
3/11/2019	CADSEK	11:30:00 AM	7.0202	7.0232			N/A
3/11/2019	CADSEK	1:30:00 PM	7.0061	7.0086			N/A
3/11/2019	CADSEK	3:30:00 PM	7.0061	7.0049			N/A
3/12/2019	CADSEK	9:30:00 AM	6.9945	6.9977			N/A
3/12/2019	CADSEK	11:30:00 AM					N/A
3/12/2019	CADSEK	1:30:00 PM	7.0124	7.014			N/A
3/12/2019	CADSEK	3:30:00 PM	7.0003	7.004			N/A
3/13/2019	CADSEK	9:30:00 AM	7.0094	7.0133			N/A
3/13/2019	CADSEK	11:30:00 AM	6.9939	6.9971			N/A
3/13/2019	CADSEK	1:30:00 PM	6.9943	6.9982			N/A
3/13/2019	CADSEK	3:30:00 PM	6.9931	6.9942			N/A
3/14/2019	CADSEK	9:30:00 AM	6.9818	6.9852			N/A
3/14/2019	CADSEK	11:30:00 AM					N/A
3/14/2019	CADSEK	1:30:00 PM	7.0015	7.0047			N/A
3/14/2019	CADSEK	3:30:00 PM	6.9895	6.9934			N/A
3/15/2019	CADSEK	9:30:00 AM	6.9798	6.9827			N/A
3/15/2019	CADSEK	11:30:00 AM	6.9756	6.977			N/A
3/15/2019	CADSEK	1:30:00 PM	6.9469	6.9499			N/A
3/15/2019	CADSEK	3:30:00 PM	6.9418	6.9433			N/A
3/18/2019	CADSEK	9:30:00 AM	6.9244	6.9274			N/A
3/18/2019	CADSEK	11:30:00 AM					N/A
3/18/2019	CADSEK	1:30:00 PM	6.9162	6.92			N/A
3/18/2019	CADSEK	3:30:00 PM	6.9153	6.9171			N/A
3/19/2019	CADSEK	9:30:00 AM	6.9199	6.9204			N/A
3/19/2019	CADSEK	11:30:00 AM	6.9263	6.93			N/A
3/19/2019	CADSEK	1:30:00 PM	6.9183	6.92			N/A
3/19/2019	CADSEK	3:30:00 PM	6.9399	6.9423			N/A
3/20/2019	CADSEK	9:30:00 AM	6.8997	6.903			N/A

3/20/2019	CADSEK	11:30:00 AM					N/A
3/20/2019	CADSEK	1:30:00 PM	6.8876	6.8913			N/A
3/20/2019	CADSEK	3:30:00 PM	6.8907	6.894			N/A
3/21/2019	CADSEK	9:30:00 AM	6.8546	6.8575			N/A
3/21/2019	CADSEK	11:30:00 AM	6.865	6.8674			N/A
3/21/2019	CADSEK	1:30:00 PM	6.8642	6.8669			N/A
3/21/2019	CADSEK	3:30:00 PM	6.8585	6.8599			N/A
3/22/2019	CADSEK	9:30:00 AM	6.8585	6.8621			N/A
3/22/2019	CADSEK	11:30:00 AM					N/A
3/22/2019	CADSEK	1:30:00 PM	6.9147	6.9179			N/A
3/22/2019	CADSEK	3:30:00 PM	6.9107	6.9131			N/A
3/25/2019	CADSEK	9:30:00 AM	6.8952	6.8965			N/A
3/25/2019	CADSEK	11:30:00 AM	6.8785	6.8824			N/A
3/25/2019	CADSEK	1:30:00 PM	6.8748	6.8778			N/A
3/25/2019	CADSEK	3:30:00 PM	6.8683	6.8715			N/A
3/26/2019	CADSEK	9:30:00 AM	6.8982	6.9017			N/A
3/26/2019	CADSEK	11:30:00 AM					N/A
3/26/2019	CADSEK	1:30:00 PM	6.8847	6.8872			N/A
3/26/2019	CADSEK	3:30:00 PM	6.8903	6.8917			N/A
3/27/2019	CADSEK	9:30:00 AM	6.913	6.9164			N/A
3/27/2019	CADSEK	11:30:00 AM	6.8999	6.9013			N/A
3/27/2019	CADSEK	1:30:00 PM	6.897	6.8984			N/A
3/27/2019	CADSEK	3:30:00 PM	6.9018	6.903			N/A
3/28/2019	CADSEK	9:30:00 AM	6.9176	6.9206			N/A
3/28/2019	CADSEK	11:30:00 AM					N/A
3/28/2019	CADSEK	1:30:00 PM	6.9542	6.9561			N/A
3/28/2019	CADSEK	3:30:00 PM	6.9444	6.9467			N/A
3/29/2019	CADSEK	9:30:00 AM	6.9077	6.9114			N/A
3/29/2019	CADSEK	11:30:00 AM	6.9104	6.9123			N/A
3/29/2019	CADSEK	1:30:00 PM	6.8994	6.9028			N/A
3/29/2019	CADSEK	3:30:00 PM	6.9275	6.929			N/A
1/1/2019	CADSGD	9:30:00 AM					N/A
1/1/2019	CADSGD	11:30:00 AM					N/A
1/1/2019	CADSGD	1:30:00 PM					N/A
1/1/2019	CADSGD	3:30:00 PM					N/A
1/2/2019	CADSGD	9:30:00 AM					N/A
1/2/2019	CADSGD	11:30:00 AM					N/A
1/2/2019	CADSGD	1:30:00 PM					N/A
1/2/2019	CADSGD	3:30:00 PM					N/A
1/3/2019	CADSGD	9:30:00 AM					N/A
1/3/2019	CADSGD	11:30:00 AM					N/A
1/3/2019	CADSGD	1:30:00 PM					N/A
1/3/2019	CADSGD	3:30:00 PM					N/A
1/4/2019	CADSGD	9:30:00 AM					N/A
1/4/2019	CADSGD	11:30:00 AM					N/A
1/4/2019	CADSGD	1:30:00 PM					N/A
1/4/2019	CADSGD	3:30:00 PM					N/A
1/7/2019	CADSGD	9:30:00 AM	1.0148	1.0151			N/A
1/7/2019	CADSGD	11:30:00 AM					N/A
1/7/2019	CADSGD	1:30:00 PM	1.0152	1.0155			N/A

1/7/2019	CADSGD	3:30:00 PM	1.0159	1.0162			N/A
1/8/2019	CADSGD	9:30:00 AM	1.0221	1.0224			N/A
1/8/2019	CADSGD	11:30:00 AM	1.0227	1.023			N/A
1/8/2019	CADSGD	1:30:00 PM	1.0224	1.0228			N/A
1/8/2019	CADSGD	3:30:00 PM	1.0216	1.0219			N/A
1/9/2019	CADSGD	9:30:00 AM					N/A
1/9/2019	CADSGD	11:30:00 AM					N/A
1/9/2019	CADSGD	1:30:00 PM	1.0239	1.0242			N/A
1/9/2019	CADSGD	3:30:00 PM	1.0238	1.0241			N/A
1/10/2019	CADSGD	9:30:00 AM	1.0199	1.0202			N/A
1/10/2019	CADSGD	11:30:00 AM	1.0207	1.021			N/A
1/10/2019	CADSGD	1:30:00 PM	1.0221	1.0224			N/A
1/10/2019	CADSGD	3:30:00 PM	1.0213	1.0217			N/A
1/11/2019	CADSGD	9:30:00 AM	1.0224	1.0227			N/A
1/11/2019	CADSGD	11:30:00 AM					N/A
1/11/2019	CADSGD	1:30:00 PM	1.023	1.0233			N/A
1/11/2019	CADSGD	3:30:00 PM	1.0214	1.0217			N/A
1/14/2019	CADSGD	9:30:00 AM	1.0182	1.0185			N/A
1/14/2019	CADSGD	11:30:00 AM	1.0199	1.0202			N/A
1/14/2019	CADSGD	1:30:00 PM	1.019	1.0193			N/A
1/14/2019	CADSGD	3:30:00 PM	1.0197	1.0199			N/A
1/15/2019	CADSGD	9:30:00 AM	1.019	1.0193			N/A
1/15/2019	CADSGD	11:30:00 AM					N/A
1/15/2019	CADSGD	1:30:00 PM	1.0203	1.0206			N/A
1/15/2019	CADSGD	3:30:00 PM	1.0213	1.0216			N/A
1/16/2019	CADSGD	9:30:00 AM	1.0212	1.0215			N/A
1/16/2019	CADSGD	11:30:00 AM	1.0212	1.0215			N/A
1/16/2019	CADSGD	1:30:00 PM	1.0202	1.0205			N/A
1/16/2019	CADSGD	3:30:00 PM	1.0217	1.0221			N/A
1/17/2019	CADSGD	9:30:00 AM	1.0203	1.0206			N/A
1/17/2019	CADSGD	11:30:00 AM					N/A
1/17/2019	CADSGD	1:30:00 PM	1.0202	1.0205			N/A
1/17/2019	CADSGD	3:30:00 PM	1.0179	1.0181			N/A
1/18/2019	CADSGD	9:30:00 AM	1.0215	1.0218			N/A
1/18/2019	CADSGD	11:30:00 AM	1.0213	1.0217			N/A
1/18/2019	CADSGD	1:30:00 PM	1.0219	1.0221			N/A
1/18/2019	CADSGD	3:30:00 PM	1.0235	1.0217			N/A
1/21/2019	CADSGD	9:30:00 AM					N/A
1/21/2019	CADSGD	11:30:00 AM					N/A
1/21/2019	CADSGD	1:30:00 PM	1.0223	1.0226			N/A
1/21/2019	CADSGD	3:30:00 PM	1.0219	1.0222			N/A
1/22/2019	CADSGD	9:30:00 AM	1.0202	1.0205			N/A
1/22/2019	CADSGD	11:30:00 AM	1.0201	1.0204			N/A
1/22/2019	CADSGD	1:30:00 PM	1.0206	1.0209			N/A
1/22/2019	CADSGD	3:30:00 PM	1.0207	1.0211			N/A
1/23/2019	CADSGD	9:30:00 AM	1.0194	1.0197			N/A
1/23/2019	CADSGD	11:30:00 AM					N/A
1/23/2019	CADSGD	1:30:00 PM	1.0201	1.0204			N/A
1/23/2019	CADSGD	3:30:00 PM	1.0204	1.0203			N/A
1/24/2019	CADSGD	9:30:00 AM					N/A

1/24/2019	CADSGD	11:30:00 AM	1.0183	1.0187			N/A
1/24/2019	CADSGD	1:30:00 PM	1.0181	1.0183			N/A
1/24/2019	CADSGD	3:30:00 PM	1.0177	1.018			N/A
1/25/2019	CADSGD	9:30:00 AM	1.0194	1.0197			N/A
1/25/2019	CADSGD	11:30:00 AM					N/A
1/25/2019	CADSGD	1:30:00 PM	1.018	1.0183			N/A
1/25/2019	CADSGD	3:30:00 PM	1.0185	1.0188			N/A
1/28/2019	CADSGD	9:30:00 AM	1.0229	1.0232			N/A
1/28/2019	CADSGD	11:30:00 AM	1.0227	1.023			N/A
1/28/2019	CADSGD	1:30:00 PM	1.0227	1.023			N/A
1/28/2019	CADSGD	3:30:00 PM	1.0214	1.0217			N/A
1/29/2019	CADSGD	9:30:00 AM	1.0197	1.0201			N/A
1/29/2019	CADSGD	11:30:00 AM					N/A
1/29/2019	CADSGD	1:30:00 PM	1.0191	1.0194			N/A
1/29/2019	CADSGD	3:30:00 PM	1.019	1.0193			N/A
1/30/2019	CADSGD	9:30:00 AM	1.0187	1.019			N/A
1/30/2019	CADSGD	11:30:00 AM	1.0192	1.0195			N/A
1/30/2019	CADSGD	1:30:00 PM	1.0199	1.0202			N/A
1/30/2019	CADSGD	3:30:00 PM	1.0213	1.0217			N/A
1/31/2019	CADSGD	9:30:00 AM	1.0237	1.024			N/A
1/31/2019	CADSGD	11:30:00 AM					N/A
1/31/2019	CADSGD	1:30:00 PM	1.0238	1.0241			N/A
1/31/2019	CADSGD	3:30:00 PM	1.0227	1.0225			N/A
2/1/2019	CADSGD	9:30:00 AM	1.025	1.0253			N/A
2/1/2019	CADSGD	11:30:00 AM	1.0253	1.0255			N/A
2/1/2019	CADSGD	1:30:00 PM	1.0256	1.0259			N/A
2/1/2019	CADSGD	3:30:00 PM	1.026	1.0263			N/A
2/4/2019	CADSGD	9:30:00 AM	1.032	1.0323			N/A
2/4/2019	CADSGD	11:30:00 AM					N/A
2/4/2019	CADSGD	1:30:00 PM					N/A
2/4/2019	CADSGD	3:30:00 PM	1.0311	1.0314			N/A
2/5/2019	CADSGD	9:30:00 AM	1.0302	1.0305			N/A
2/5/2019	CADSGD	11:30:00 AM	1.031	1.0312			N/A
2/5/2019	CADSGD	1:30:00 PM	1.0312	1.0315			N/A
2/5/2019	CADSGD	3:30:00 PM	1.0294	1.0297			N/A
2/6/2019	CADSGD	9:30:00 AM	1.0265	1.0268			N/A
2/6/2019	CADSGD	11:30:00 AM					N/A
2/6/2019	CADSGD	1:30:00 PM	1.0254	1.0257			N/A
2/6/2019	CADSGD	3:30:00 PM	1.0264	1.0266			N/A
2/7/2019	CADSGD	9:30:00 AM	1.0226	1.0229			N/A
2/7/2019	CADSGD	11:30:00 AM	1.0238	1.0241			N/A
2/7/2019	CADSGD	1:30:00 PM					N/A
2/7/2019	CADSGD	3:30:00 PM	1.0211	1.0214			N/A
2/8/2019	CADSGD	9:30:00 AM	1.0177	1.018			N/A
2/8/2019	CADSGD	11:30:00 AM					N/A
2/8/2019	CADSGD	1:30:00 PM	1.0176	1.0178			N/A
2/8/2019	CADSGD	3:30:00 PM	1.0219	1.0184			N/A
2/11/2019	CADSGD	9:30:00 AM	1.0204	1.0207			N/A
2/11/2019	CADSGD	11:30:00 AM	1.0221	1.0224			N/A
2/11/2019	CADSGD	1:30:00 PM	1.0228	1.0231			N/A

2/11/2019	CADSGD	3:30:00 PM	1.0227	1.0229			N/A
2/12/2019	CADSGD	9:30:00 AM	1.0222	1.0225			N/A
2/12/2019	CADSGD	11:30:00 AM					N/A
2/12/2019	CADSGD	1:30:00 PM	1.0226	1.0229			N/A
2/12/2019	CADSGD	3:30:00 PM	1.0235	1.0238			N/A
2/13/2019	CADSGD	9:30:00 AM	1.0249	1.0252			N/A
2/13/2019	CADSGD	11:30:00 AM	1.0241	1.0245			N/A
2/13/2019	CADSGD	1:30:00 PM	1.0234	1.0238			N/A
2/13/2019	CADSGD	3:30:00 PM	1.0237	1.0241			N/A
2/14/2019	CADSGD	9:30:00 AM	1.0247	1.025			N/A
2/14/2019	CADSGD	11:30:00 AM					N/A
2/14/2019	CADSGD	1:30:00 PM	1.0235	1.0238			N/A
2/14/2019	CADSGD	3:30:00 PM	1.0227	1.0231			N/A
2/15/2019	CADSGD	9:30:00 AM					N/A
2/15/2019	CADSGD	11:30:00 AM					N/A
2/15/2019	CADSGD	1:30:00 PM					N/A
2/15/2019	CADSGD	3:30:00 PM					N/A
2/18/2019	CADSGD	9:30:00 AM	1.0239	1.0242			N/A
2/18/2019	CADSGD	11:30:00 AM					N/A
2/18/2019	CADSGD	1:30:00 PM	1.0233	1.0237			N/A
2/18/2019	CADSGD	3:30:00 PM	1.0238	1.0241			N/A
2/19/2019	CADSGD	9:30:00 AM	1.0233	1.0236			N/A
2/19/2019	CADSGD	11:30:00 AM	1.0226	1.0229			N/A
2/19/2019	CADSGD	1:30:00 PM	1.0232	1.0235			N/A
2/19/2019	CADSGD	3:30:00 PM					N/A
2/20/2019	CADSGD	9:30:00 AM	1.0244	1.0247			N/A
2/20/2019	CADSGD	11:30:00 AM					N/A
2/20/2019	CADSGD	1:30:00 PM	1.025	1.0253			N/A
2/20/2019	CADSGD	3:30:00 PM					N/A
2/21/2019	CADSGD	9:30:00 AM	1.0243	1.0246			N/A
2/21/2019	CADSGD	11:30:00 AM	1.0247	1.025			N/A
2/21/2019	CADSGD	1:30:00 PM	1.025	1.0252			N/A
2/21/2019	CADSGD	3:30:00 PM					N/A
2/22/2019	CADSGD	9:30:00 AM	1.0222	1.0225			N/A
2/22/2019	CADSGD	11:30:00 AM					N/A
2/22/2019	CADSGD	1:30:00 PM	1.0233	1.0236			N/A
2/22/2019	CADSGD	3:30:00 PM	1.0219	1.0223			N/A
2/25/2019	CADSGD	9:30:00 AM	1.0282	1.0285			N/A
2/25/2019	CADSGD	11:30:00 AM	1.0277	1.028			N/A
2/25/2019	CADSGD	1:30:00 PM	1.0272	1.0275			N/A
2/25/2019	CADSGD	3:30:00 PM	1.0256	1.0259			N/A
2/26/2019	CADSGD	9:30:00 AM	1.0213	1.0216			N/A
2/26/2019	CADSGD	11:30:00 AM					N/A
2/26/2019	CADSGD	1:30:00 PM					N/A
2/26/2019	CADSGD	3:30:00 PM	1.0199	1.0202			N/A
2/27/2019	CADSGD	9:30:00 AM	1.0226	1.0229			N/A
2/27/2019	CADSGD	11:30:00 AM	1.0234	1.0237			N/A
2/27/2019	CADSGD	1:30:00 PM	1.0252	1.0255			N/A
2/27/2019	CADSGD	3:30:00 PM	1.0248	1.0251			N/A
2/28/2019	CADSGD	9:30:00 AM	1.0237	1.024			N/A

2/28/2019	CADSGD	11:30:00 AM					N/A
2/28/2019	CADSGD	1:30:00 PM	1.0233	1.0236			N/A
2/28/2019	CADSGD	3:30:00 PM	1.0219	1.0222			N/A
3/1/2019	CADSGD	9:30:00 AM	1.0282	1.0285			N/A
3/1/2019	CADSGD	11:30:00 AM	1.0289	1.0292			N/A
3/1/2019	CADSGD	1:30:00 PM	1.0289	1.0293			N/A
3/1/2019	CADSGD	3:30:00 PM	1.0248	1.025			N/A
3/4/2019	CADSGD	9:30:00 AM	1.0181	1.0184			N/A
3/4/2019	CADSGD	11:30:00 AM					N/A
3/4/2019	CADSGD	1:30:00 PM	1.0171	1.0174			N/A
3/4/2019	CADSGD	3:30:00 PM	1.0171	1.0174			N/A
3/5/2019	CADSGD	9:30:00 AM	1.0158	1.016			N/A
3/5/2019	CADSGD	11:30:00 AM	1.0147	1.015			N/A
3/5/2019	CADSGD	1:30:00 PM	1.015	1.0153			N/A
3/5/2019	CADSGD	3:30:00 PM	1.0152	1.0155			N/A
3/6/2019	CADSGD	9:30:00 AM	1.0151	1.0154			N/A
3/6/2019	CADSGD	11:30:00 AM					N/A
3/6/2019	CADSGD	1:30:00 PM	1.0145	1.0148			N/A
3/6/2019	CADSGD	3:30:00 PM	1.0141	1.0143			N/A
3/7/2019	CADSGD	9:30:00 AM	1.0088	1.0091			N/A
3/7/2019	CADSGD	11:30:00 AM	1.0094	1.0097			N/A
3/7/2019	CADSGD	1:30:00 PM	1.0099	1.0102			N/A
3/7/2019	CADSGD	3:30:00 PM	1.0108	1.0111			N/A
3/8/2019	CADSGD	9:30:00 AM	1.0095	1.0098			N/A
3/8/2019	CADSGD	11:30:00 AM					N/A
3/8/2019	CADSGD	1:30:00 PM	1.0101	1.0104			N/A
3/8/2019	CADSGD	3:30:00 PM	1.0099	1.0102			N/A
3/11/2019	CADSGD	9:30:00 AM	1.0114	1.0117			N/A
3/11/2019	CADSGD	11:30:00 AM	1.0123	1.0126			N/A
3/11/2019	CADSGD	1:30:00 PM	1.0124	1.0126			N/A
3/11/2019	CADSGD	3:30:00 PM	1.0122	1.0125			N/A
3/12/2019	CADSGD	9:30:00 AM	1.0117	1.012			N/A
3/12/2019	CADSGD	11:30:00 AM					N/A
3/12/2019	CADSGD	1:30:00 PM	1.0115	1.0118			N/A
3/12/2019	CADSGD	3:30:00 PM	1.0117	1.012			N/A
3/13/2019	CADSGD	9:30:00 AM	1.0145	1.0148			N/A
3/13/2019	CADSGD	11:30:00 AM	1.0147	1.015			N/A
3/13/2019	CADSGD	1:30:00 PM	1.0145	1.0148			N/A
3/13/2019	CADSGD	3:30:00 PM	1.0147	1.015			N/A
3/14/2019	CADSGD	9:30:00 AM	1.017	1.0173			N/A
3/14/2019	CADSGD	11:30:00 AM					N/A
3/14/2019	CADSGD	1:30:00 PM	1.017	1.0173			N/A
3/14/2019	CADSGD	3:30:00 PM	1.0161	1.0164			N/A
3/15/2019	CADSGD	9:30:00 AM	1.0178	1.018			N/A
3/15/2019	CADSGD	11:30:00 AM	1.017	1.0174			N/A
3/15/2019	CADSGD	1:30:00 PM	1.0157	1.016			N/A
3/15/2019	CADSGD	3:30:00 PM	1.0123	1.0126			N/A
3/18/2019	CADSGD	9:30:00 AM	1.0148	1.0151			N/A
3/18/2019	CADSGD	11:30:00 AM					N/A
3/18/2019	CADSGD	1:30:00 PM	1.0139	1.0142			N/A

3/18/2019	CADSGD	3:30:00 PM	1.0122	1.0125			N/A
3/19/2019	CADSGD	9:30:00 AM	1.0126	1.0129			N/A
3/19/2019	CADSGD	11:30:00 AM	1.0135	1.0138			N/A
3/19/2019	CADSGD	1:30:00 PM	1.0143	1.0146			N/A
3/19/2019	CADSGD	3:30:00 PM	1.018	1.0182			N/A
3/20/2019	CADSGD	9:30:00 AM	1.0126	1.0129			N/A
3/20/2019	CADSGD	11:30:00 AM					N/A
3/20/2019	CADSGD	1:30:00 PM	1.0119	1.0122			N/A
3/20/2019	CADSGD	3:30:00 PM	1.0131	1.0134			N/A
3/21/2019	CADSGD	9:30:00 AM	1.0121	1.0124			N/A
3/21/2019	CADSGD	11:30:00 AM	1.0119	1.0122			N/A
3/21/2019	CADSGD	1:30:00 PM					N/A
3/21/2019	CADSGD	3:30:00 PM	1.0091	1.01			N/A
3/22/2019	CADSGD	9:30:00 AM	1.0091	1.0094			N/A
3/22/2019	CADSGD	11:30:00 AM					N/A
3/22/2019	CADSGD	1:30:00 PM	1.0081	1.0084			N/A
3/22/2019	CADSGD	3:30:00 PM					N/A
3/25/2019	CADSGD	9:30:00 AM	1.0063	1.0066			N/A
3/25/2019	CADSGD	11:30:00 AM	1.0067	1.007			N/A
3/25/2019	CADSGD	1:30:00 PM					N/A
3/25/2019	CADSGD	3:30:00 PM	1.0043	1.0046			N/A
3/26/2019	CADSGD	9:30:00 AM	1.007	1.0073			N/A
3/26/2019	CADSGD	11:30:00 AM					N/A
3/26/2019	CADSGD	1:30:00 PM	1.0073	1.0076			N/A
3/26/2019	CADSGD	3:30:00 PM	1.0075	1.0078			N/A
3/27/2019	CADSGD	9:30:00 AM	1.0097	1.01			N/A
3/27/2019	CADSGD	11:30:00 AM	1.0109	1.0112			N/A
3/27/2019	CADSGD	1:30:00 PM	1.0095	1.0098			N/A
3/27/2019	CADSGD	3:30:00 PM	1.0098	1.0101			N/A
3/28/2019	CADSGD	9:30:00 AM	1.0097	1.01			N/A
3/28/2019	CADSGD	11:30:00 AM					N/A
3/28/2019	CADSGD	1:30:00 PM	1.0088	1.0091			N/A
3/28/2019	CADSGD	3:30:00 PM	1.0098	1.0101			N/A
3/29/2019	CADSGD	9:30:00 AM	1.008	1.0083			N/A
3/29/2019	CADSGD	11:30:00 AM	1.009	1.0093			N/A
3/29/2019	CADSGD	1:30:00 PM	1.009	1.0093			N/A
3/29/2019	CADSGD	3:30:00 PM	1.0136	1.0138			N/A
1/1/2019	CADZAR	9:30:00 AM					N/A
1/1/2019	CADZAR	11:30:00 AM					N/A
1/1/2019	CADZAR	1:30:00 PM					N/A
1/1/2019	CADZAR	3:30:00 PM					N/A
1/2/2019	CADZAR	9:30:00 AM					N/A
1/2/2019	CADZAR	11:30:00 AM					N/A
1/2/2019	CADZAR	1:30:00 PM					N/A
1/2/2019	CADZAR	3:30:00 PM					N/A
1/3/2019	CADZAR	9:30:00 AM					N/A
1/3/2019	CADZAR	11:30:00 AM					N/A
1/3/2019	CADZAR	1:30:00 PM					N/A
1/3/2019	CADZAR	3:30:00 PM					N/A
1/4/2019	CADZAR	9:30:00 AM					N/A

1/4/2019	CADZAR	11:30:00 AM					N/A
1/4/2019	CADZAR	1:30:00 PM					N/A
1/4/2019	CADZAR	3:30:00 PM					N/A
1/7/2019	CADZAR	9:30:00 AM	10.4264	10.4413			N/A
1/7/2019	CADZAR	11:30:00 AM					N/A
1/7/2019	CADZAR	1:30:00 PM	10.409	10.4261			N/A
1/7/2019	CADZAR	3:30:00 PM	10.37	10.3758			N/A
1/8/2019	CADZAR	9:30:00 AM	10.5089	10.5167			N/A
1/8/2019	CADZAR	11:30:00 AM	10.5002	10.5145			N/A
1/8/2019	CADZAR	1:30:00 PM	10.5287	10.538			N/A
1/8/2019	CADZAR	3:30:00 PM	10.5118	10.5282			N/A
1/9/2019	CADZAR	9:30:00 AM	10.4653	10.4819			N/A
1/9/2019	CADZAR	11:30:00 AM					N/A
1/9/2019	CADZAR	1:30:00 PM	10.568	10.5784			N/A
1/9/2019	CADZAR	3:30:00 PM	10.5392	10.5518			N/A
1/10/2019	CADZAR	9:30:00 AM	10.4713	10.4845			N/A
1/10/2019	CADZAR	11:30:00 AM	10.5169	10.5302			N/A
1/10/2019	CADZAR	1:30:00 PM	10.4903	10.5013			N/A
1/10/2019	CADZAR	3:30:00 PM	10.4689	10.4735			N/A
1/11/2019	CADZAR	9:30:00 AM	10.4659	10.4828			N/A
1/11/2019	CADZAR	11:30:00 AM					N/A
1/11/2019	CADZAR	1:30:00 PM	10.4616	10.4729			N/A
1/11/2019	CADZAR	3:30:00 PM	10.453	10.4657			N/A
1/14/2019	CADZAR	9:30:00 AM	10.4817	10.4897			N/A
1/14/2019	CADZAR	11:30:00 AM	10.4749	10.489			N/A
1/14/2019	CADZAR	1:30:00 PM	10.4643	10.4806			N/A
1/14/2019	CADZAR	3:30:00 PM	10.4423	10.4583			N/A
1/15/2019	CADZAR	9:30:00 AM	10.3947	10.4083			N/A
1/15/2019	CADZAR	11:30:00 AM					N/A
1/15/2019	CADZAR	1:30:00 PM	10.4038	10.4197			N/A
1/15/2019	CADZAR	3:30:00 PM	10.409	10.4177			N/A
1/16/2019	CADZAR	9:30:00 AM	10.3414	10.3577			N/A
1/16/2019	CADZAR	11:30:00 AM	10.2957	10.3109			N/A
1/16/2019	CADZAR	1:30:00 PM	10.3159	10.3306			N/A
1/16/2019	CADZAR	3:30:00 PM	10.3382	10.3507			N/A
1/17/2019	CADZAR	9:30:00 AM	10.3267	10.3389			N/A
1/17/2019	CADZAR	11:30:00 AM					N/A
1/17/2019	CADZAR	1:30:00 PM	10.3139	10.3313			N/A
1/17/2019	CADZAR	3:30:00 PM	10.3388	10.3519			N/A
1/18/2019	CADZAR	9:30:00 AM	10.3487	10.3605			N/A
1/18/2019	CADZAR	11:30:00 AM	10.3868	10.4027			N/A
1/18/2019	CADZAR	1:30:00 PM	10.4049	10.4221			N/A
1/18/2019	CADZAR	3:30:00 PM	10.3938	10.385			N/A
1/21/2019	CADZAR	9:30:00 AM	10.4292	10.4458			N/A
1/21/2019	CADZAR	11:30:00 AM					N/A
1/21/2019	CADZAR	1:30:00 PM	10.4172	10.4345			N/A
1/21/2019	CADZAR	3:30:00 PM	10.4079	10.4209			N/A
1/22/2019	CADZAR	9:30:00 AM	10.4208	10.4327			N/A
1/22/2019	CADZAR	11:30:00 AM	10.4219	10.4385			N/A
1/22/2019	CADZAR	1:30:00 PM	10.4416	10.4561			N/A

1/22/2019	CADZAR	3:30:00 PM	10.4063	10.4195			N/A
1/23/2019	CADZAR	9:30:00 AM	10.4382	10.4522			N/A
1/23/2019	CADZAR	11:30:00 AM					N/A
1/23/2019	CADZAR	1:30:00 PM	10.3926	10.408			N/A
1/23/2019	CADZAR	3:30:00 PM	10.4044	10.4123			N/A
1/24/2019	CADZAR	9:30:00 AM	10.3329	10.3501			N/A
1/24/2019	CADZAR	11:30:00 AM	10.3276	10.344			N/A
1/24/2019	CADZAR	1:30:00 PM	10.3424	10.3556			N/A
1/24/2019	CADZAR	3:30:00 PM	10.322	10.3376			N/A
1/25/2019	CADZAR	9:30:00 AM	10.2614	10.271			N/A
1/25/2019	CADZAR	11:30:00 AM					N/A
1/25/2019	CADZAR	1:30:00 PM	10.2754	10.2893			N/A
1/25/2019	CADZAR	3:30:00 PM	10.2437	10.2596			N/A
1/28/2019	CADZAR	9:30:00 AM	10.2998	10.3047			N/A
1/28/2019	CADZAR	11:30:00 AM	10.2954	10.3132			N/A
1/28/2019	CADZAR	1:30:00 PM	10.2992	10.3132			N/A
1/28/2019	CADZAR	3:30:00 PM	10.3036	10.3148			N/A
1/29/2019	CADZAR	9:30:00 AM	10.3109	10.3213			N/A
1/29/2019	CADZAR	11:30:00 AM					N/A
1/29/2019	CADZAR	1:30:00 PM	10.2822	10.2988			N/A
1/29/2019	CADZAR	3:30:00 PM	10.261	10.279			N/A
1/30/2019	CADZAR	9:30:00 AM	10.2392	10.2548			N/A
1/30/2019	CADZAR	11:30:00 AM	10.2516	10.2644			N/A
1/30/2019	CADZAR	1:30:00 PM	10.2658	10.2806			N/A
1/30/2019	CADZAR	3:30:00 PM	10.2971	10.3084			N/A
1/31/2019	CADZAR	9:30:00 AM	10.1627	10.1725			N/A
1/31/2019	CADZAR	11:30:00 AM					N/A
1/31/2019	CADZAR	1:30:00 PM	10.1351	10.1452			N/A
1/31/2019	CADZAR	3:30:00 PM	10.0821	10.0943			N/A
2/1/2019	CADZAR	9:30:00 AM	10.1264	10.1401			N/A
2/1/2019	CADZAR	11:30:00 AM	10.0961	10.1059			N/A
2/1/2019	CADZAR	1:30:00 PM	10.09	10.1063			N/A
2/1/2019	CADZAR	3:30:00 PM	10.131	10.1407			N/A
2/4/2019	CADZAR	9:30:00 AM	10.1904	10.2039			N/A
2/4/2019	CADZAR	11:30:00 AM					N/A
2/4/2019	CADZAR	1:30:00 PM	10.1997	10.2164			N/A
2/4/2019	CADZAR	3:30:00 PM	10.2083	10.2217			N/A
2/5/2019	CADZAR	9:30:00 AM	10.2136	10.2289			N/A
2/5/2019	CADZAR	11:30:00 AM	10.1869	10.1962			N/A
2/5/2019	CADZAR	1:30:00 PM	10.1985	10.2144			N/A
2/5/2019	CADZAR	3:30:00 PM	10.1747	10.1861			N/A
2/6/2019	CADZAR	9:30:00 AM	10.1969	10.2109			N/A
2/6/2019	CADZAR	11:30:00 AM					N/A
2/6/2019	CADZAR	1:30:00 PM	10.2006	10.2173			N/A
2/6/2019	CADZAR	3:30:00 PM	10.2143	10.2244			N/A
2/7/2019	CADZAR	9:30:00 AM	10.2353	10.251			N/A
2/7/2019	CADZAR	11:30:00 AM	10.2512	10.2684			N/A
2/7/2019	CADZAR	1:30:00 PM	10.2695	10.2856			N/A
2/7/2019	CADZAR	3:30:00 PM	10.2449	10.2511			N/A
2/8/2019	CADZAR	9:30:00 AM	10.2612	10.2769			N/A

2/8/2019	CADZAR	11:30:00 AM					N/A
2/8/2019	CADZAR	1:30:00 PM	10.22	10.2378			N/A
2/8/2019	CADZAR	3:30:00 PM	10.2536	10.2323			N/A
2/11/2019	CADZAR	9:30:00 AM	10.2223	10.2402			N/A
2/11/2019	CADZAR	11:30:00 AM	10.2598	10.2737			N/A
2/11/2019	CADZAR	1:30:00 PM	10.3399	10.3536			N/A
2/11/2019	CADZAR	3:30:00 PM	10.3388	10.3533			N/A
2/12/2019	CADZAR	9:30:00 AM	10.3578	10.3731			N/A
2/12/2019	CADZAR	11:30:00 AM					N/A
2/12/2019	CADZAR	1:30:00 PM	10.3765	10.3933			N/A
2/12/2019	CADZAR	3:30:00 PM	10.3677	10.3856			N/A
2/13/2019	CADZAR	9:30:00 AM	10.3876	10.4027			N/A
2/13/2019	CADZAR	11:30:00 AM	10.4213	10.4346			N/A
2/13/2019	CADZAR	1:30:00 PM	10.4826	10.4966			N/A
2/13/2019	CADZAR	3:30:00 PM	10.4657	10.4757			N/A
2/14/2019	CADZAR	9:30:00 AM	10.547	10.56			N/A
2/14/2019	CADZAR	11:30:00 AM					N/A
2/14/2019	CADZAR	1:30:00 PM	10.6191	10.6369			N/A
2/14/2019	CADZAR	3:30:00 PM	10.6638	10.6785			N/A
2/15/2019	CADZAR	9:30:00 AM					N/A
2/15/2019	CADZAR	11:30:00 AM					N/A
2/15/2019	CADZAR	1:30:00 PM					N/A
2/15/2019	CADZAR	3:30:00 PM					N/A
2/18/2019	CADZAR	9:30:00 AM	10.6116	10.6214			N/A
2/18/2019	CADZAR	11:30:00 AM					N/A
2/18/2019	CADZAR	1:30:00 PM	10.6173	10.6351			N/A
2/18/2019	CADZAR	3:30:00 PM	10.6454	10.662			N/A
2/19/2019	CADZAR	9:30:00 AM	10.6555	10.6725			N/A
2/19/2019	CADZAR	11:30:00 AM	10.6911	10.7061			N/A
2/19/2019	CADZAR	1:30:00 PM	10.6863	10.7036			N/A
2/19/2019	CADZAR	3:30:00 PM	10.6913	10.7065			N/A
2/20/2019	CADZAR	9:30:00 AM	10.6745	10.6897			N/A
2/20/2019	CADZAR	11:30:00 AM					N/A
2/20/2019	CADZAR	1:30:00 PM	10.723	10.7317			N/A
2/20/2019	CADZAR	3:30:00 PM	10.6919	10.7041			N/A
2/21/2019	CADZAR	9:30:00 AM	10.5659	10.5779			N/A
2/21/2019	CADZAR	11:30:00 AM	10.5455	10.5576			N/A
2/21/2019	CADZAR	1:30:00 PM	10.5387	10.5502			N/A
2/21/2019	CADZAR	3:30:00 PM	10.6059	10.6197			N/A
2/22/2019	CADZAR	9:30:00 AM	10.5474	10.5647			N/A
2/22/2019	CADZAR	11:30:00 AM					N/A
2/22/2019	CADZAR	1:30:00 PM	10.5888	10.6059			N/A
2/22/2019	CADZAR	3:30:00 PM	10.5585	10.5747			N/A
2/25/2019	CADZAR	9:30:00 AM	10.5875	10.6033			N/A
2/25/2019	CADZAR	11:30:00 AM	10.5594	10.575			N/A
2/25/2019	CADZAR	1:30:00 PM	10.5502	10.5635			N/A
2/25/2019	CADZAR	3:30:00 PM	10.5425	10.5558			N/A
2/26/2019	CADZAR	9:30:00 AM	10.484	10.497			N/A
2/26/2019	CADZAR	11:30:00 AM					N/A
2/26/2019	CADZAR	1:30:00 PM	10.4812	10.4965			N/A

2/26/2019	CADZAR	3:30:00 PM	10.4732	10.4872			N/A
2/27/2019	CADZAR	9:30:00 AM	10.5147	10.5222			N/A
2/27/2019	CADZAR	11:30:00 AM	10.5201	10.5342			N/A
2/27/2019	CADZAR	1:30:00 PM	10.5359	10.5532			N/A
2/27/2019	CADZAR	3:30:00 PM	10.5373	10.5487			N/A
2/28/2019	CADZAR	9:30:00 AM	10.586	10.6019			N/A
2/28/2019	CADZAR	11:30:00 AM					N/A
2/28/2019	CADZAR	1:30:00 PM	10.5835	10.6014			N/A
2/28/2019	CADZAR	3:30:00 PM	10.5728	10.5859			N/A
3/1/2019	CADZAR	9:30:00 AM	10.7086	10.7228			N/A
3/1/2019	CADZAR	11:30:00 AM	10.744	10.7575			N/A
3/1/2019	CADZAR	1:30:00 PM	10.7246	10.7402			N/A
3/1/2019	CADZAR	3:30:00 PM	10.7398	10.7437			N/A
3/4/2019	CADZAR	9:30:00 AM	10.6457	10.6609			N/A
3/4/2019	CADZAR	11:30:00 AM					N/A
3/4/2019	CADZAR	1:30:00 PM	10.6874	10.7035			N/A
3/4/2019	CADZAR	3:30:00 PM	10.6696	10.6783			N/A
3/5/2019	CADZAR	9:30:00 AM	10.646	10.6584			N/A
3/5/2019	CADZAR	11:30:00 AM	10.6157	10.6041			N/A
3/5/2019	CADZAR	1:30:00 PM	10.5902	10.6029			N/A
3/5/2019	CADZAR	3:30:00 PM	10.6097	10.6221			N/A
3/6/2019	CADZAR	9:30:00 AM	10.6317	10.6495			N/A
3/6/2019	CADZAR	11:30:00 AM					N/A
3/6/2019	CADZAR	1:30:00 PM	10.6135	10.6292			N/A
3/6/2019	CADZAR	3:30:00 PM	10.6034	10.6153			N/A
3/7/2019	CADZAR	9:30:00 AM	10.5809	10.5979			N/A
3/7/2019	CADZAR	11:30:00 AM	10.6385	10.6476			N/A
3/7/2019	CADZAR	1:30:00 PM	10.6659	10.6794			N/A
3/7/2019	CADZAR	3:30:00 PM	10.6612	10.6759			N/A
3/8/2019	CADZAR	9:30:00 AM	10.8152	10.8266			N/A
3/8/2019	CADZAR	11:30:00 AM					N/A
3/8/2019	CADZAR	1:30:00 PM	10.7942	10.7966			N/A
3/8/2019	CADZAR	3:30:00 PM	10.7934	10.8084			N/A
3/11/2019	CADZAR	9:30:00 AM	10.7306	10.7441			N/A
3/11/2019	CADZAR	11:30:00 AM	10.7044	10.7177			N/A
3/11/2019	CADZAR	1:30:00 PM	10.7143	10.7304			N/A
3/11/2019	CADZAR	3:30:00 PM	10.6948	10.7085			N/A
3/12/2019	CADZAR	9:30:00 AM	10.6687	10.6839			N/A
3/12/2019	CADZAR	11:30:00 AM					N/A
3/12/2019	CADZAR	1:30:00 PM	10.6456	10.6597			N/A
3/12/2019	CADZAR	3:30:00 PM	10.6553	10.6661			N/A
3/13/2019	CADZAR	9:30:00 AM	10.7363	10.7515			N/A
3/13/2019	CADZAR	11:30:00 AM	10.7286	10.7435			N/A
3/13/2019	CADZAR	1:30:00 PM	10.7286	10.7434			N/A
3/13/2019	CADZAR	3:30:00 PM	10.7284	10.7382			N/A
3/14/2019	CADZAR	9:30:00 AM	10.8371	10.851			N/A
3/14/2019	CADZAR	11:30:00 AM					N/A
3/14/2019	CADZAR	1:30:00 PM	10.8339	10.8474			N/A
3/14/2019	CADZAR	3:30:00 PM	10.8527	10.8675			N/A
3/15/2019	CADZAR	9:30:00 AM	10.8658	10.8834			N/A

3/15/2019	CADZAR	11:30:00 AM	10.8478	10.8625			N/A
3/15/2019	CADZAR	1:30:00 PM	10.8317	10.8439			N/A
3/15/2019	CADZAR	3:30:00 PM	10.7929	10.8037			N/A
3/18/2019	CADZAR	9:30:00 AM	10.8297	10.8444			N/A
3/18/2019	CADZAR	11:30:00 AM					N/A
3/18/2019	CADZAR	1:30:00 PM	10.8107	10.8263			N/A
3/18/2019	CADZAR	3:30:00 PM	10.7804	10.7955			N/A
3/19/2019	CADZAR	9:30:00 AM	10.8295	10.8443			N/A
3/19/2019	CADZAR	11:30:00 AM	10.7847	10.8009			N/A
3/19/2019	CADZAR	1:30:00 PM	10.7971	10.8124			N/A
3/19/2019	CADZAR	3:30:00 PM	10.8747	10.8857			N/A
3/20/2019	CADZAR	9:30:00 AM	10.8437	10.8612			N/A
3/20/2019	CADZAR	11:30:00 AM					N/A
3/20/2019	CADZAR	1:30:00 PM	10.8392	10.8551			N/A
3/20/2019	CADZAR	3:30:00 PM	10.8041	10.8197			N/A
3/21/2019	CADZAR	9:30:00 AM	10.643	10.6537			N/A
3/21/2019	CADZAR	11:30:00 AM	10.6499	10.6657			N/A
3/21/2019	CADZAR	1:30:00 PM	10.6578	10.6714			N/A
3/21/2019	CADZAR	3:30:00 PM	10.6299	10.6413			N/A
3/22/2019	CADZAR	9:30:00 AM	10.6355	10.6497			N/A
3/22/2019	CADZAR	11:30:00 AM					N/A
3/22/2019	CADZAR	1:30:00 PM	10.7276	10.742			N/A
3/22/2019	CADZAR	3:30:00 PM	10.7237	10.7373			N/A
3/25/2019	CADZAR	9:30:00 AM	10.793	10.7942			N/A
3/25/2019	CADZAR	11:30:00 AM	10.7452	10.7591			N/A
3/25/2019	CADZAR	1:30:00 PM	10.7615	10.77			N/A
3/25/2019	CADZAR	3:30:00 PM	10.7147	10.7255			N/A
3/26/2019	CADZAR	9:30:00 AM	10.7005	10.7139			N/A
3/26/2019	CADZAR	11:30:00 AM					N/A
3/26/2019	CADZAR	1:30:00 PM	10.7149	10.7286			N/A
3/26/2019	CADZAR	3:30:00 PM	10.7367	10.7438			N/A
3/27/2019	CADZAR	9:30:00 AM	10.805	10.8167			N/A
3/27/2019	CADZAR	11:30:00 AM	10.8034	10.8198			N/A
3/27/2019	CADZAR	1:30:00 PM	10.9042	10.9052			N/A
3/27/2019	CADZAR	3:30:00 PM	10.8813	10.8918			N/A
3/28/2019	CADZAR	9:30:00 AM	10.8799	10.8954			N/A
3/28/2019	CADZAR	11:30:00 AM					N/A
3/28/2019	CADZAR	1:30:00 PM	10.9454	10.9496			N/A
3/28/2019	CADZAR	3:30:00 PM	10.9235	10.9357			N/A
3/29/2019	CADZAR	9:30:00 AM	10.8399	10.8545			N/A
3/29/2019	CADZAR	11:30:00 AM	10.8315	10.8468			N/A
3/29/2019	CADZAR	1:30:00 PM	10.7927	10.8103			N/A
3/29/2019	CADZAR	3:30:00 PM	10.8276	10.8409			N/A
1/1/2019	CHFCZK	9:30:00 AM					N/A
1/1/2019	CHFCZK	11:30:00 AM					N/A
1/1/2019	CHFCZK	1:30:00 PM					N/A
1/1/2019	CHFCZK	3:30:00 PM					N/A
1/2/2019	CHFCZK	9:30:00 AM					N/A
1/2/2019	CHFCZK	11:30:00 AM					N/A
1/2/2019	CHFCZK	1:30:00 PM					N/A

1/2/2019	CHFCZK	3:30:00 PM					N/A
1/3/2019	CHFCZK	9:30:00 AM					N/A
1/3/2019	CHFCZK	11:30:00 AM					N/A
1/3/2019	CHFCZK	1:30:00 PM					N/A
1/3/2019	CHFCZK	3:30:00 PM					N/A
1/4/2019	CHFCZK	9:30:00 AM					N/A
1/4/2019	CHFCZK	11:30:00 AM					N/A
1/4/2019	CHFCZK	1:30:00 PM					N/A
1/4/2019	CHFCZK	3:30:00 PM					N/A
1/7/2019	CHFCZK	9:30:00 AM	22.693	22.71			N/A
1/7/2019	CHFCZK	11:30:00 AM					N/A
1/7/2019	CHFCZK	1:30:00 PM	22.73	22.743			N/A
1/7/2019	CHFCZK	3:30:00 PM	22.745	22.759			N/A
1/8/2019	CHFCZK	9:30:00 AM	22.76	22.773			N/A
1/8/2019	CHFCZK	11:30:00 AM	22.809	22.817			N/A
1/8/2019	CHFCZK	1:30:00 PM	22.806	22.819			N/A
1/8/2019	CHFCZK	3:30:00 PM	22.802	22.818			N/A
1/9/2019	CHFCZK	9:30:00 AM	22.768	22.78			N/A
1/9/2019	CHFCZK	11:30:00 AM					N/A
1/9/2019	CHFCZK	1:30:00 PM	22.799	22.813			N/A
1/9/2019	CHFCZK	3:30:00 PM	22.802	22.819			N/A
1/10/2019	CHFCZK	9:30:00 AM	22.777	22.791			N/A
1/10/2019	CHFCZK	11:30:00 AM	22.753	22.768			N/A
1/10/2019	CHFCZK	1:30:00 PM	22.731	22.746			N/A
1/10/2019	CHFCZK	3:30:00 PM	22.684	22.695			N/A
1/11/2019	CHFCZK	9:30:00 AM	22.547	22.563			N/A
1/11/2019	CHFCZK	11:30:00 AM					N/A
1/11/2019	CHFCZK	1:30:00 PM	22.576	22.588			N/A
1/11/2019	CHFCZK	3:30:00 PM	22.579	22.59			N/A
1/14/2019	CHFCZK	9:30:00 AM	22.641	22.651			N/A
1/14/2019	CHFCZK	11:30:00 AM	22.664	22.673			N/A
1/14/2019	CHFCZK	1:30:00 PM	22.692	22.704			N/A
1/14/2019	CHFCZK	3:30:00 PM	22.693	22.702			N/A
1/15/2019	CHFCZK	9:30:00 AM	22.668	22.682			N/A
1/15/2019	CHFCZK	11:30:00 AM					N/A
1/15/2019	CHFCZK	1:30:00 PM	22.636	22.652			N/A
1/15/2019	CHFCZK	3:30:00 PM	22.678	22.688			N/A
1/16/2019	CHFCZK	9:30:00 AM	22.632	22.642			N/A
1/16/2019	CHFCZK	11:30:00 AM	22.638	22.652			N/A
1/16/2019	CHFCZK	1:30:00 PM	22.666	22.68			N/A
1/16/2019	CHFCZK	3:30:00 PM	22.669	22.684			N/A
1/17/2019	CHFCZK	9:30:00 AM	22.616	22.63			N/A
1/17/2019	CHFCZK	11:30:00 AM					N/A
1/17/2019	CHFCZK	1:30:00 PM	22.557	22.572			N/A
1/17/2019	CHFCZK	3:30:00 PM	22.553	22.564			N/A
1/18/2019	CHFCZK	9:30:00 AM	22.525	22.541			N/A
1/18/2019	CHFCZK	11:30:00 AM	22.533	22.548			N/A
1/18/2019	CHFCZK	1:30:00 PM	22.54	22.556			N/A
1/18/2019	CHFCZK	3:30:00 PM	22.55	22.561			N/A
1/21/2019	CHFCZK	9:30:00 AM	22.562	22.58			N/A

1/21/2019	CHFCZK	11:30:00 AM					N/A
1/21/2019	CHFCZK	1:30:00 PM	22.542	22.559			N/A
1/21/2019	CHFCZK	3:30:00 PM	22.539	22.555			N/A
1/22/2019	CHFCZK	9:30:00 AM	22.573	22.588			N/A
1/22/2019	CHFCZK	11:30:00 AM	22.583	22.599			N/A
1/22/2019	CHFCZK	1:30:00 PM					N/A
1/22/2019	CHFCZK	3:30:00 PM	22.568	22.582			N/A
1/23/2019	CHFCZK	9:30:00 AM					N/A
1/23/2019	CHFCZK	11:30:00 AM					N/A
1/23/2019	CHFCZK	1:30:00 PM	22.627	22.641			N/A
1/23/2019	CHFCZK	3:30:00 PM	22.639	22.654			N/A
1/24/2019	CHFCZK	9:30:00 AM	22.697	22.713			N/A
1/24/2019	CHFCZK	11:30:00 AM	22.765	22.78			N/A
1/24/2019	CHFCZK	1:30:00 PM	22.746	22.755			N/A
1/24/2019	CHFCZK	3:30:00 PM	22.761	22.777			N/A
1/25/2019	CHFCZK	9:30:00 AM	22.809	22.824			N/A
1/25/2019	CHFCZK	11:30:00 AM					N/A
1/25/2019	CHFCZK	1:30:00 PM	22.726	22.737			N/A
1/25/2019	CHFCZK	3:30:00 PM	22.685	22.697			N/A
1/28/2019	CHFCZK	9:30:00 AM	22.661	22.672			N/A
1/28/2019	CHFCZK	11:30:00 AM	22.701	22.716			N/A
1/28/2019	CHFCZK	1:30:00 PM	22.687	22.704			N/A
1/28/2019	CHFCZK	3:30:00 PM	22.688	22.703			N/A
1/29/2019	CHFCZK	9:30:00 AM	22.69	22.707			N/A
1/29/2019	CHFCZK	11:30:00 AM					N/A
1/29/2019	CHFCZK	1:30:00 PM	22.656	22.671			N/A
1/29/2019	CHFCZK	3:30:00 PM	22.66	22.675			N/A
1/30/2019	CHFCZK	9:30:00 AM	22.603	22.616			N/A
1/30/2019	CHFCZK	11:30:00 AM					N/A
1/30/2019	CHFCZK	1:30:00 PM	22.601	22.619			N/A
1/30/2019	CHFCZK	3:30:00 PM	22.594	22.609			N/A
1/31/2019	CHFCZK	9:30:00 AM	22.538	22.553			N/A
1/31/2019	CHFCZK	11:30:00 AM					N/A
1/31/2019	CHFCZK	1:30:00 PM	22.567	22.583			N/A
1/31/2019	CHFCZK	3:30:00 PM	22.564	22.572			N/A
2/1/2019	CHFCZK	9:30:00 AM	22.588	22.603			N/A
2/1/2019	CHFCZK	11:30:00 AM	22.598	22.605			N/A
2/1/2019	CHFCZK	1:30:00 PM	22.585	22.6			N/A
2/1/2019	CHFCZK	3:30:00 PM	22.526	22.533			N/A
2/4/2019	CHFCZK	9:30:00 AM	22.509	22.525			N/A
2/4/2019	CHFCZK	11:30:00 AM					N/A
2/4/2019	CHFCZK	1:30:00 PM	22.514	22.529			N/A
2/4/2019	CHFCZK	3:30:00 PM	22.503	22.515			N/A
2/5/2019	CHFCZK	9:30:00 AM	22.485	22.5			N/A
2/5/2019	CHFCZK	11:30:00 AM	22.474	22.487			N/A
2/5/2019	CHFCZK	1:30:00 PM	22.439	22.456			N/A
2/5/2019	CHFCZK	3:30:00 PM	22.456	22.471			N/A
2/6/2019	CHFCZK	9:30:00 AM	22.543	22.559			N/A
2/6/2019	CHFCZK	11:30:00 AM					N/A
2/6/2019	CHFCZK	1:30:00 PM	22.588	22.605			N/A

2/6/2019	CHFCZK	3:30:00 PM	22.609	22.624			N/A
2/7/2019	CHFCZK	9:30:00 AM	22.643	22.659			N/A
2/7/2019	CHFCZK	11:30:00 AM	22.657	22.669			N/A
2/7/2019	CHFCZK	1:30:00 PM	22.697	22.709			N/A
2/7/2019	CHFCZK	3:30:00 PM	22.699	22.716			N/A
2/8/2019	CHFCZK	9:30:00 AM	22.692	22.708			N/A
2/8/2019	CHFCZK	11:30:00 AM					N/A
2/8/2019	CHFCZK	1:30:00 PM	22.688	22.705			N/A
2/8/2019	CHFCZK	3:30:00 PM	22.697	22.713			N/A
2/11/2019	CHFCZK	9:30:00 AM	22.765	22.779			N/A
2/11/2019	CHFCZK	11:30:00 AM	22.766	22.781			N/A
2/11/2019	CHFCZK	1:30:00 PM	22.746	22.758			N/A
2/11/2019	CHFCZK	3:30:00 PM	22.74	22.757			N/A
2/12/2019	CHFCZK	9:30:00 AM	22.805	22.82			N/A
2/12/2019	CHFCZK	11:30:00 AM					N/A
2/12/2019	CHFCZK	1:30:00 PM	22.706	22.723			N/A
2/12/2019	CHFCZK	3:30:00 PM	22.694	22.702			N/A
2/13/2019	CHFCZK	9:30:00 AM	22.662	22.672			N/A
2/13/2019	CHFCZK	11:30:00 AM	22.644	22.651			N/A
2/13/2019	CHFCZK	1:30:00 PM	22.675	22.688			N/A
2/13/2019	CHFCZK	3:30:00 PM	22.675	22.687			N/A
2/14/2019	CHFCZK	9:30:00 AM	22.635	22.652			N/A
2/14/2019	CHFCZK	11:30:00 AM					N/A
2/14/2019	CHFCZK	1:30:00 PM	22.655	22.669			N/A
2/14/2019	CHFCZK	3:30:00 PM	22.652	22.67			N/A
2/15/2019	CHFCZK	9:30:00 AM					N/A
2/15/2019	CHFCZK	11:30:00 AM					N/A
2/15/2019	CHFCZK	1:30:00 PM					N/A
2/15/2019	CHFCZK	3:30:00 PM					N/A
2/18/2019	CHFCZK	9:30:00 AM	22.587	22.602			N/A
2/18/2019	CHFCZK	11:30:00 AM					N/A
2/18/2019	CHFCZK	1:30:00 PM	22.618	22.635			N/A
2/18/2019	CHFCZK	3:30:00 PM	22.622	22.639			N/A
2/19/2019	CHFCZK	9:30:00 AM	22.628	22.641			N/A
2/19/2019	CHFCZK	11:30:00 AM	22.64	22.642			N/A
2/19/2019	CHFCZK	1:30:00 PM	22.655	22.671			N/A
2/19/2019	CHFCZK	3:30:00 PM	22.64	22.657			N/A
2/20/2019	CHFCZK	9:30:00 AM	22.592	22.607			N/A
2/20/2019	CHFCZK	11:30:00 AM					N/A
2/20/2019	CHFCZK	1:30:00 PM	22.607	22.623			N/A
2/20/2019	CHFCZK	3:30:00 PM	22.618	22.632			N/A
2/21/2019	CHFCZK	9:30:00 AM	22.573	22.59			N/A
2/21/2019	CHFCZK	11:30:00 AM	22.594	22.604			N/A
2/21/2019	CHFCZK	1:30:00 PM	22.575	22.589			N/A
2/21/2019	CHFCZK	3:30:00 PM	22.557	22.57			N/A
2/22/2019	CHFCZK	9:30:00 AM	22.557	22.571			N/A
2/22/2019	CHFCZK	11:30:00 AM					N/A
2/22/2019	CHFCZK	1:30:00 PM	22.587	22.603			N/A
2/22/2019	CHFCZK	3:30:00 PM	22.592	22.607			N/A
2/25/2019	CHFCZK	9:30:00 AM	22.58	22.597			N/A

2/25/2019	CHFCZK	11:30:00 AM	22.569	22.586			N/A
2/25/2019	CHFCZK	1:30:00 PM	22.567	22.583			N/A
2/25/2019	CHFCZK	3:30:00 PM	22.579	22.593			N/A
2/26/2019	CHFCZK	9:30:00 AM	22.543	22.558			N/A
2/26/2019	CHFCZK	11:30:00 AM					N/A
2/26/2019	CHFCZK	1:30:00 PM	22.542	22.559			N/A
2/26/2019	CHFCZK	3:30:00 PM	22.548	22.563			N/A
2/27/2019	CHFCZK	9:30:00 AM	22.526	22.543			N/A
2/27/2019	CHFCZK	11:30:00 AM	22.535	22.543			N/A
2/27/2019	CHFCZK	1:30:00 PM	22.551	22.567			N/A
2/27/2019	CHFCZK	3:30:00 PM	22.562	22.577			N/A
2/28/2019	CHFCZK	9:30:00 AM	22.578	22.591			N/A
2/28/2019	CHFCZK	11:30:00 AM					N/A
2/28/2019	CHFCZK	1:30:00 PM	22.56	22.574			N/A
2/28/2019	CHFCZK	3:30:00 PM	22.558	22.562			N/A
3/1/2019	CHFCZK	9:30:00 AM	22.546	22.559			N/A
3/1/2019	CHFCZK	11:30:00 AM	22.508	22.523			N/A
3/1/2019	CHFCZK	1:30:00 PM	22.537	22.551			N/A
3/1/2019	CHFCZK	3:30:00 PM	22.536	22.55			N/A
3/4/2019	CHFCZK	9:30:00 AM	22.526	22.543			N/A
3/4/2019	CHFCZK	11:30:00 AM					N/A
3/4/2019	CHFCZK	1:30:00 PM	22.569	22.581			N/A
3/4/2019	CHFCZK	3:30:00 PM	22.573	22.586			N/A
3/5/2019	CHFCZK	9:30:00 AM	22.606	22.619			N/A
3/5/2019	CHFCZK	11:30:00 AM	22.561	22.574			N/A
3/5/2019	CHFCZK	1:30:00 PM	22.573	22.591			N/A
3/5/2019	CHFCZK	3:30:00 PM	22.579	22.594			N/A
3/6/2019	CHFCZK	9:30:00 AM	22.55	22.566			N/A
3/6/2019	CHFCZK	11:30:00 AM					N/A
3/6/2019	CHFCZK	1:30:00 PM	22.524	22.541			N/A
3/6/2019	CHFCZK	3:30:00 PM	22.503	22.519			N/A
3/7/2019	CHFCZK	9:30:00 AM	22.524	22.541			N/A
3/7/2019	CHFCZK	11:30:00 AM	22.501	22.514			N/A
3/7/2019	CHFCZK	1:30:00 PM	22.511	22.528			N/A
3/7/2019	CHFCZK	3:30:00 PM	22.53	22.542			N/A
3/8/2019	CHFCZK	9:30:00 AM	22.631	22.646			N/A
3/8/2019	CHFCZK	11:30:00 AM					N/A
3/8/2019	CHFCZK	1:30:00 PM	22.586	22.601			N/A
3/8/2019	CHFCZK	3:30:00 PM	22.622	22.637			N/A
3/11/2019	CHFCZK	9:30:00 AM	22.605	22.621			N/A
3/11/2019	CHFCZK	11:30:00 AM	22.614	22.628			N/A
3/11/2019	CHFCZK	1:30:00 PM	22.596	22.613			N/A
3/11/2019	CHFCZK	3:30:00 PM	22.576	22.589			N/A
3/12/2019	CHFCZK	9:30:00 AM	22.528	22.544			N/A
3/12/2019	CHFCZK	11:30:00 AM					N/A
3/12/2019	CHFCZK	1:30:00 PM	22.596	22.606			N/A
3/12/2019	CHFCZK	3:30:00 PM	22.555	22.57			N/A
3/13/2019	CHFCZK	9:30:00 AM	22.553	22.569			N/A
3/13/2019	CHFCZK	11:30:00 AM	22.578	22.593			N/A
3/13/2019	CHFCZK	1:30:00 PM	22.568	22.584			N/A

3/13/2019	CHFCZK	3:30:00 PM	22.564	22.573			N/A
3/14/2019	CHFCZK	9:30:00 AM	22.534	22.551			N/A
3/14/2019	CHFCZK	11:30:00 AM					N/A
3/14/2019	CHFCZK	1:30:00 PM	22.588	22.602			N/A
3/14/2019	CHFCZK	3:30:00 PM	22.592	22.606			N/A
3/15/2019	CHFCZK	9:30:00 AM	22.596	22.614			N/A
3/15/2019	CHFCZK	11:30:00 AM	22.563	22.576			N/A
3/15/2019	CHFCZK	1:30:00 PM	22.569	22.586			N/A
3/15/2019	CHFCZK	3:30:00 PM	22.571	22.583			N/A
3/18/2019	CHFCZK	9:30:00 AM	22.56	22.575			N/A
3/18/2019	CHFCZK	11:30:00 AM					N/A
3/18/2019	CHFCZK	1:30:00 PM	22.556	22.574			N/A
3/18/2019	CHFCZK	3:30:00 PM	22.527	22.545			N/A
3/19/2019	CHFCZK	9:30:00 AM	22.54	22.556			N/A
3/19/2019	CHFCZK	11:30:00 AM	22.537	22.552			N/A
3/19/2019	CHFCZK	1:30:00 PM	22.526	22.543			N/A
3/19/2019	CHFCZK	3:30:00 PM	22.538	22.554			N/A
3/20/2019	CHFCZK	9:30:00 AM	22.569	22.585			N/A
3/20/2019	CHFCZK	11:30:00 AM					N/A
3/20/2019	CHFCZK	1:30:00 PM	22.582	22.599			N/A
3/20/2019	CHFCZK	3:30:00 PM	22.6	22.612			N/A
3/21/2019	CHFCZK	9:30:00 AM	22.606	22.621			N/A
3/21/2019	CHFCZK	11:30:00 AM	22.619	22.633			N/A
3/21/2019	CHFCZK	1:30:00 PM	22.641	22.655			N/A
3/21/2019	CHFCZK	3:30:00 PM	22.665	22.68			N/A
3/22/2019	CHFCZK	9:30:00 AM	22.688	22.703			N/A
3/22/2019	CHFCZK	11:30:00 AM					N/A
3/22/2019	CHFCZK	1:30:00 PM	22.848	22.854			N/A
3/22/2019	CHFCZK	3:30:00 PM	22.866	22.882			N/A
3/25/2019	CHFCZK	9:30:00 AM	22.886	22.899			N/A
3/25/2019	CHFCZK	11:30:00 AM	22.856	22.865			N/A
3/25/2019	CHFCZK	1:30:00 PM	22.907	22.922			N/A
3/25/2019	CHFCZK	3:30:00 PM	22.909	22.918			N/A
3/26/2019	CHFCZK	9:30:00 AM	22.919	22.936			N/A
3/26/2019	CHFCZK	11:30:00 AM					N/A
3/26/2019	CHFCZK	1:30:00 PM	22.914	22.93			N/A
3/26/2019	CHFCZK	3:30:00 PM	22.935	22.948			N/A
3/27/2019	CHFCZK	9:30:00 AM	22.966	22.977			N/A
3/27/2019	CHFCZK	11:30:00 AM	22.96	22.976			N/A
3/27/2019	CHFCZK	1:30:00 PM	23.004	23.018			N/A
3/27/2019	CHFCZK	3:30:00 PM	23.026	23.04			N/A
3/28/2019	CHFCZK	9:30:00 AM	22.986	23.003			N/A
3/28/2019	CHFCZK	11:30:00 AM					N/A
3/28/2019	CHFCZK	1:30:00 PM	23.034	23.048			N/A
3/28/2019	CHFCZK	3:30:00 PM	23.021	23.035			N/A
3/29/2019	CHFCZK	9:30:00 AM	23.029	23.046			N/A
3/29/2019	CHFCZK	11:30:00 AM	23.099	23.113			N/A
3/29/2019	CHFCZK	1:30:00 PM	23.058	23.076			N/A
3/29/2019	CHFCZK	3:30:00 PM	23.059	23.075			N/A
1/1/2019	CHFDKK	9:30:00 AM					N/A

1/1/2019	CHFDKK	11:30:00 AM					N/A
1/1/2019	CHFDKK	1:30:00 PM					N/A
1/1/2019	CHFDKK	3:30:00 PM					N/A
1/2/2019	CHFDKK	9:30:00 AM					N/A
1/2/2019	CHFDKK	11:30:00 AM					N/A
1/2/2019	CHFDKK	1:30:00 PM					N/A
1/2/2019	CHFDKK	3:30:00 PM					N/A
1/3/2019	CHFDKK	9:30:00 AM					N/A
1/3/2019	CHFDKK	11:30:00 AM					N/A
1/3/2019	CHFDKK	1:30:00 PM					N/A
1/3/2019	CHFDKK	3:30:00 PM					N/A
1/4/2019	CHFDKK	9:30:00 AM					N/A
1/4/2019	CHFDKK	11:30:00 AM					N/A
1/4/2019	CHFDKK	1:30:00 PM					N/A
1/4/2019	CHFDKK	3:30:00 PM					N/A
1/7/2019	CHFDKK	9:30:00 AM	6.641	6.644			N/A
1/7/2019	CHFDKK	11:30:00 AM					N/A
1/7/2019	CHFDKK	1:30:00 PM	6.645	6.648			N/A
1/7/2019	CHFDKK	3:30:00 PM	6.647	6.65			N/A
1/8/2019	CHFDKK	9:30:00 AM	6.651	6.654			N/A
1/8/2019	CHFDKK	11:30:00 AM	6.649	6.651			N/A
1/8/2019	CHFDKK	1:30:00 PM	6.649	6.651			N/A
1/8/2019	CHFDKK	3:30:00 PM	6.646	6.648			N/A
1/9/2019	CHFDKK	9:30:00 AM	6.637	6.639			N/A
1/9/2019	CHFDKK	11:30:00 AM					N/A
1/9/2019	CHFDKK	1:30:00 PM	6.648	6.651			N/A
1/9/2019	CHFDKK	3:30:00 PM					N/A
1/10/2019	CHFDKK	9:30:00 AM	6.642	6.644			N/A
1/10/2019	CHFDKK	11:30:00 AM	6.635	6.638			N/A
1/10/2019	CHFDKK	1:30:00 PM	6.629	6.631			N/A
1/10/2019	CHFDKK	3:30:00 PM	6.615	6.617			N/A
1/11/2019	CHFDKK	9:30:00 AM	6.587	6.59			N/A
1/11/2019	CHFDKK	11:30:00 AM					N/A
1/11/2019	CHFDKK	1:30:00 PM	6.588	6.591			N/A
1/11/2019	CHFDKK	3:30:00 PM	6.592	6.594			N/A
1/14/2019	CHFDKK	9:30:00 AM	6.617	6.62			N/A
1/14/2019	CHFDKK	11:30:00 AM	6.623	6.624			N/A
1/14/2019	CHFDKK	1:30:00 PM	6.627	6.63			N/A
1/14/2019	CHFDKK	3:30:00 PM	6.63	6.633			N/A
1/15/2019	CHFDKK	9:30:00 AM	6.628	6.63			N/A
1/15/2019	CHFDKK	11:30:00 AM					N/A
1/15/2019	CHFDKK	1:30:00 PM	6.618	6.621			N/A
1/15/2019	CHFDKK	3:30:00 PM	6.625	6.628			N/A
1/16/2019	CHFDKK	9:30:00 AM	6.62	6.622			N/A
1/16/2019	CHFDKK	11:30:00 AM	6.613	6.614			N/A
1/16/2019	CHFDKK	1:30:00 PM	6.623	6.627			N/A
1/16/2019	CHFDKK	3:30:00 PM	6.623	6.626			N/A
1/17/2019	CHFDKK	9:30:00 AM	6.613	6.615			N/A
1/17/2019	CHFDKK	11:30:00 AM					N/A
1/17/2019	CHFDKK	1:30:00 PM	6.599	6.601			N/A

1/17/2019	CHFDKK	3:30:00 PM	6.6	6.6			N/A
1/18/2019	CHFDKK	9:30:00 AM					N/A
1/18/2019	CHFDKK	11:30:00 AM	6.586	6.589			N/A
1/18/2019	CHFDKK	1:30:00 PM	6.585	6.588			N/A
1/18/2019	CHFDKK	3:30:00 PM	6.585	6.588			N/A
1/21/2019	CHFDKK	9:30:00 AM					N/A
1/21/2019	CHFDKK	11:30:00 AM					N/A
1/21/2019	CHFDKK	1:30:00 PM	6.581	6.584			N/A
1/21/2019	CHFDKK	3:30:00 PM	6.581	6.584			N/A
1/22/2019	CHFDKK	9:30:00 AM	6.592	6.595			N/A
1/22/2019	CHFDKK	11:30:00 AM	6.588	6.591			N/A
1/22/2019	CHFDKK	1:30:00 PM	6.595	6.598			N/A
1/22/2019	CHFDKK	3:30:00 PM	6.588	6.59			N/A
1/23/2019	CHFDKK	9:30:00 AM	6.583	6.586			N/A
1/23/2019	CHFDKK	11:30:00 AM					N/A
1/23/2019	CHFDKK	1:30:00 PM	6.585	6.587			N/A
1/23/2019	CHFDKK	3:30:00 PM	6.585	6.588			N/A
1/24/2019	CHFDKK	9:30:00 AM	6.599	6.602			N/A
1/24/2019	CHFDKK	11:30:00 AM	6.618	6.62			N/A
1/24/2019	CHFDKK	1:30:00 PM	6.612	6.614			N/A
1/24/2019	CHFDKK	3:30:00 PM	6.615	6.617			N/A
1/25/2019	CHFDKK	9:30:00 AM	6.621	6.624			N/A
1/25/2019	CHFDKK	11:30:00 AM					N/A
1/25/2019	CHFDKK	1:30:00 PM	6.605	6.607			N/A
1/25/2019	CHFDKK	3:30:00 PM	6.598	6.601			N/A
1/28/2019	CHFDKK	9:30:00 AM	6.595	6.598			N/A
1/28/2019	CHFDKK	11:30:00 AM	6.598	6.601			N/A
1/28/2019	CHFDKK	1:30:00 PM					N/A
1/28/2019	CHFDKK	3:30:00 PM	6.587	6.589			N/A
1/29/2019	CHFDKK	9:30:00 AM	6.579	6.582			N/A
1/29/2019	CHFDKK	11:30:00 AM					N/A
1/29/2019	CHFDKK	1:30:00 PM					N/A
1/29/2019	CHFDKK	3:30:00 PM	6.574	6.577			N/A
1/30/2019	CHFDKK	9:30:00 AM	6.553	6.556			N/A
1/30/2019	CHFDKK	11:30:00 AM	6.553	6.556			N/A
1/30/2019	CHFDKK	1:30:00 PM	6.549	6.552			N/A
1/30/2019	CHFDKK	3:30:00 PM	6.545	6.548			N/A
1/31/2019	CHFDKK	9:30:00 AM	6.533	6.535			N/A
1/31/2019	CHFDKK	11:30:00 AM					N/A
1/31/2019	CHFDKK	1:30:00 PM					N/A
1/31/2019	CHFDKK	3:30:00 PM	6.544	6.545			N/A
2/1/2019	CHFDKK	9:30:00 AM	6.551	6.554			N/A
2/1/2019	CHFDKK	11:30:00 AM	6.559	6.56			N/A
2/1/2019	CHFDKK	1:30:00 PM	6.555	6.558			N/A
2/1/2019	CHFDKK	3:30:00 PM	6.551	6.55			N/A
2/4/2019	CHFDKK	9:30:00 AM	6.542	6.546			N/A
2/4/2019	CHFDKK	11:30:00 AM					N/A
2/4/2019	CHFDKK	1:30:00 PM	6.537	6.541			N/A
2/4/2019	CHFDKK	3:30:00 PM	6.535	6.538			N/A
2/5/2019	CHFDKK	9:30:00 AM	6.541	6.544			N/A

2/5/2019	CHFDKK	11:30:00 AM	6.537	6.54			N/A
2/5/2019	CHFDKK	1:30:00 PM	6.528	6.531			N/A
2/5/2019	CHFDKK	3:30:00 PM	6.528	6.531			N/A
2/6/2019	CHFDKK	9:30:00 AM	6.55	6.553			N/A
2/6/2019	CHFDKK	11:30:00 AM					N/A
2/6/2019	CHFDKK	1:30:00 PM	6.552	6.555			N/A
2/6/2019	CHFDKK	3:30:00 PM	6.55	6.553			N/A
2/7/2019	CHFDKK	9:30:00 AM					N/A
2/7/2019	CHFDKK	11:30:00 AM	6.56	6.563			N/A
2/7/2019	CHFDKK	1:30:00 PM	6.571	6.575			N/A
2/7/2019	CHFDKK	3:30:00 PM	6.571	6.573			N/A
2/8/2019	CHFDKK	9:30:00 AM	6.572	6.574			N/A
2/8/2019	CHFDKK	11:30:00 AM					N/A
2/8/2019	CHFDKK	1:30:00 PM	6.569	6.572			N/A
2/8/2019	CHFDKK	3:30:00 PM	6.569	6.571			N/A
2/11/2019	CHFDKK	9:30:00 AM	6.587	6.589			N/A
2/11/2019	CHFDKK	11:30:00 AM	6.583	6.585			N/A
2/11/2019	CHFDKK	1:30:00 PM	6.577	6.58			N/A
2/11/2019	CHFDKK	3:30:00 PM	6.574	6.577			N/A
2/12/2019	CHFDKK	9:30:00 AM	6.584	6.587			N/A
2/12/2019	CHFDKK	11:30:00 AM					N/A
2/12/2019	CHFDKK	1:30:00 PM	6.56	6.563			N/A
2/12/2019	CHFDKK	3:30:00 PM	6.552	6.553			N/A
2/13/2019	CHFDKK	9:30:00 AM					N/A
2/13/2019	CHFDKK	11:30:00 AM	6.551	6.554			N/A
2/13/2019	CHFDKK	1:30:00 PM	6.556	6.559			N/A
2/13/2019	CHFDKK	3:30:00 PM	6.563	6.566			N/A
2/14/2019	CHFDKK	9:30:00 AM					N/A
2/14/2019	CHFDKK	11:30:00 AM					N/A
2/14/2019	CHFDKK	1:30:00 PM	6.561	6.563			N/A
2/14/2019	CHFDKK	3:30:00 PM	6.56	6.563			N/A
2/15/2019	CHFDKK	9:30:00 AM					N/A
2/15/2019	CHFDKK	11:30:00 AM					N/A
2/15/2019	CHFDKK	1:30:00 PM					N/A
2/15/2019	CHFDKK	3:30:00 PM					N/A
2/18/2019	CHFDKK	9:30:00 AM	6.573	6.576			N/A
2/18/2019	CHFDKK	11:30:00 AM					N/A
2/18/2019	CHFDKK	1:30:00 PM	6.567	6.57			N/A
2/18/2019	CHFDKK	3:30:00 PM	6.568	6.571			N/A
2/19/2019	CHFDKK	9:30:00 AM	6.567	6.57			N/A
2/19/2019	CHFDKK	11:30:00 AM	6.568	6.571			N/A
2/19/2019	CHFDKK	1:30:00 PM	6.577	6.58			N/A
2/19/2019	CHFDKK	3:30:00 PM	6.575	6.578			N/A
2/20/2019	CHFDKK	9:30:00 AM	6.57	6.572			N/A
2/20/2019	CHFDKK	11:30:00 AM					N/A
2/20/2019	CHFDKK	1:30:00 PM	6.574	6.577			N/A
2/20/2019	CHFDKK	3:30:00 PM	6.577	6.58			N/A
2/21/2019	CHFDKK	9:30:00 AM	6.573	6.575			N/A
2/21/2019	CHFDKK	11:30:00 AM	6.574	6.576			N/A
2/21/2019	CHFDKK	1:30:00 PM	6.57	6.573			N/A

2/21/2019	CHFDKK	3:30:00 PM	6.567	6.567			N/A
2/22/2019	CHFDKK	9:30:00 AM	6.571	6.575			N/A
2/22/2019	CHFDKK	11:30:00 AM					N/A
2/22/2019	CHFDKK	1:30:00 PM	6.577	6.58			N/A
2/22/2019	CHFDKK	3:30:00 PM	6.573	6.577			N/A
2/25/2019	CHFDKK	9:30:00 AM	6.575	6.578			N/A
2/25/2019	CHFDKK	11:30:00 AM	6.575	6.578			N/A
2/25/2019	CHFDKK	1:30:00 PM	6.573	6.576			N/A
2/25/2019	CHFDKK	3:30:00 PM	6.571	6.574			N/A
2/26/2019	CHFDKK	9:30:00 AM	6.566	6.569			N/A
2/26/2019	CHFDKK	11:30:00 AM					N/A
2/26/2019	CHFDKK	1:30:00 PM	6.56	6.563			N/A
2/26/2019	CHFDKK	3:30:00 PM	6.56	6.563			N/A
2/27/2019	CHFDKK	9:30:00 AM	6.56	6.563			N/A
2/27/2019	CHFDKK	11:30:00 AM	6.562	6.565			N/A
2/27/2019	CHFDKK	1:30:00 PM	6.566	6.569			N/A
2/27/2019	CHFDKK	3:30:00 PM	6.566	6.569			N/A
2/28/2019	CHFDKK	9:30:00 AM	6.574	6.576			N/A
2/28/2019	CHFDKK	11:30:00 AM					N/A
2/28/2019	CHFDKK	1:30:00 PM	6.576	6.578			N/A
2/28/2019	CHFDKK	3:30:00 PM	6.579	6.58			N/A
3/1/2019	CHFDKK	9:30:00 AM	6.573	6.576			N/A
3/1/2019	CHFDKK	11:30:00 AM	6.563	6.564			N/A
3/1/2019	CHFDKK	1:30:00 PM	6.566	6.568			N/A
3/1/2019	CHFDKK	3:30:00 PM	6.565	6.567			N/A
3/4/2019	CHFDKK	9:30:00 AM					N/A
3/4/2019	CHFDKK	11:30:00 AM					N/A
3/4/2019	CHFDKK	1:30:00 PM	6.575	6.577			N/A
3/4/2019	CHFDKK	3:30:00 PM	6.579	6.581			N/A
3/5/2019	CHFDKK	9:30:00 AM	6.588	6.591			N/A
3/5/2019	CHFDKK	11:30:00 AM	6.577	6.58			N/A
3/5/2019	CHFDKK	1:30:00 PM	6.581	6.584			N/A
3/5/2019	CHFDKK	3:30:00 PM	6.581	6.585			N/A
3/6/2019	CHFDKK	9:30:00 AM	6.57	6.574			N/A
3/6/2019	CHFDKK	11:30:00 AM					N/A
3/6/2019	CHFDKK	1:30:00 PM	6.57	6.573			N/A
3/6/2019	CHFDKK	3:30:00 PM	6.569	6.569			N/A
3/7/2019	CHFDKK	9:30:00 AM					N/A
3/7/2019	CHFDKK	11:30:00 AM					N/A
3/7/2019	CHFDKK	1:30:00 PM					N/A
3/7/2019	CHFDKK	3:30:00 PM	6.57	6.573			N/A
3/8/2019	CHFDKK	9:30:00 AM	6.592	6.594			N/A
3/8/2019	CHFDKK	11:30:00 AM					N/A
3/8/2019	CHFDKK	1:30:00 PM	6.582	6.585			N/A
3/8/2019	CHFDKK	3:30:00 PM	6.589	6.588			N/A
3/11/2019	CHFDKK	9:30:00 AM	6.584	6.587			N/A
3/11/2019	CHFDKK	11:30:00 AM	6.579	6.583			N/A
3/11/2019	CHFDKK	1:30:00 PM	6.575	6.578			N/A
3/11/2019	CHFDKK	3:30:00 PM	6.568	6.571			N/A
3/12/2019	CHFDKK	9:30:00 AM					N/A

3/12/2019	CHFDKK	11:30:00 AM					N/A
3/12/2019	CHFDKK	1:30:00 PM	6.571	6.571			N/A
3/12/2019	CHFDKK	3:30:00 PM	6.56	6.562			N/A
3/13/2019	CHFDKK	9:30:00 AM	6.558	6.561			N/A
3/13/2019	CHFDKK	11:30:00 AM	6.565	6.568			N/A
3/13/2019	CHFDKK	1:30:00 PM	6.564	6.567			N/A
3/13/2019	CHFDKK	3:30:00 PM	6.562	6.564			N/A
3/14/2019	CHFDKK	9:30:00 AM	6.559	6.562			N/A
3/14/2019	CHFDKK	11:30:00 AM					N/A
3/14/2019	CHFDKK	1:30:00 PM	6.572	6.575			N/A
3/14/2019	CHFDKK	3:30:00 PM					N/A
3/15/2019	CHFDKK	9:30:00 AM	6.575	6.578			N/A
3/15/2019	CHFDKK	11:30:00 AM	6.567	6.569			N/A
3/15/2019	CHFDKK	1:30:00 PM	6.567	6.57			N/A
3/15/2019	CHFDKK	3:30:00 PM	6.568	6.57			N/A
3/18/2019	CHFDKK	9:30:00 AM	6.57	6.573			N/A
3/18/2019	CHFDKK	11:30:00 AM					N/A
3/18/2019	CHFDKK	1:30:00 PM	6.57	6.574			N/A
3/18/2019	CHFDKK	3:30:00 PM	6.567	6.571			N/A
3/19/2019	CHFDKK	9:30:00 AM	6.573	6.576			N/A
3/19/2019	CHFDKK	11:30:00 AM	6.572	6.575			N/A
3/19/2019	CHFDKK	1:30:00 PM					N/A
3/19/2019	CHFDKK	3:30:00 PM	6.573	6.576			N/A
3/20/2019	CHFDKK	9:30:00 AM	6.575	6.578			N/A
3/20/2019	CHFDKK	11:30:00 AM					N/A
3/20/2019	CHFDKK	1:30:00 PM	6.579	6.582			N/A
3/20/2019	CHFDKK	3:30:00 PM	6.581	6.583			N/A
3/21/2019	CHFDKK	9:30:00 AM	6.585	6.587			N/A
3/21/2019	CHFDKK	11:30:00 AM	6.589	6.591			N/A
3/21/2019	CHFDKK	1:30:00 PM	6.591	6.595			N/A
3/21/2019	CHFDKK	3:30:00 PM	6.6	6.603			N/A
3/22/2019	CHFDKK	9:30:00 AM	6.605	6.608			N/A
3/22/2019	CHFDKK	11:30:00 AM					N/A
3/22/2019	CHFDKK	1:30:00 PM	6.636	6.639			N/A
3/22/2019	CHFDKK	3:30:00 PM	6.635	6.638			N/A
3/25/2019	CHFDKK	9:30:00 AM	6.636	6.639			N/A
3/25/2019	CHFDKK	11:30:00 AM	6.633	6.636			N/A
3/25/2019	CHFDKK	1:30:00 PM					N/A
3/25/2019	CHFDKK	3:30:00 PM	6.642	6.645			N/A
3/26/2019	CHFDKK	9:30:00 AM	6.645	6.649			N/A
3/26/2019	CHFDKK	11:30:00 AM					N/A
3/26/2019	CHFDKK	1:30:00 PM	6.643	6.646			N/A
3/26/2019	CHFDKK	3:30:00 PM	6.649	6.652			N/A
3/27/2019	CHFDKK	9:30:00 AM	6.659	6.662			N/A
3/27/2019	CHFDKK	11:30:00 AM	6.663	6.667			N/A
3/27/2019	CHFDKK	1:30:00 PM	6.666	6.668			N/A
3/27/2019	CHFDKK	3:30:00 PM	6.668	6.671			N/A
3/28/2019	CHFDKK	9:30:00 AM	6.663	6.666			N/A
3/28/2019	CHFDKK	11:30:00 AM					N/A
3/28/2019	CHFDKK	1:30:00 PM	6.673	6.676			N/A

3/28/2019	CHFDKK	3:30:00 PM	6.673	6.676			N/A
3/29/2019	CHFDKK	9:30:00 AM	6.669	6.672			N/A
3/29/2019	CHFDKK	11:30:00 AM	6.68	6.683			N/A
3/29/2019	CHFDKK	1:30:00 PM	6.671	6.675			N/A
3/29/2019	CHFDKK	3:30:00 PM	6.677	6.68			N/A
1/1/2019	CHFHKD	9:30:00 AM					N/A
1/1/2019	CHFHKD	11:30:00 AM					N/A
1/1/2019	CHFHKD	1:30:00 PM					N/A
1/1/2019	CHFHKD	3:30:00 PM					N/A
1/2/2019	CHFHKD	9:30:00 AM					N/A
1/2/2019	CHFHKD	11:30:00 AM					N/A
1/2/2019	CHFHKD	1:30:00 PM					N/A
1/2/2019	CHFHKD	3:30:00 PM					N/A
1/3/2019	CHFHKD	9:30:00 AM					N/A
1/3/2019	CHFHKD	11:30:00 AM					N/A
1/3/2019	CHFHKD	1:30:00 PM					N/A
1/3/2019	CHFHKD	3:30:00 PM					N/A
1/4/2019	CHFHKD	9:30:00 AM					N/A
1/4/2019	CHFHKD	11:30:00 AM					N/A
1/4/2019	CHFHKD	1:30:00 PM					N/A
1/4/2019	CHFHKD	3:30:00 PM					N/A
1/7/2019	CHFHKD	9:30:00 AM	7.9532	7.9567			N/A
1/7/2019	CHFHKD	11:30:00 AM					N/A
1/7/2019	CHFHKD	1:30:00 PM	7.9747	7.9786			N/A
1/7/2019	CHFHKD	3:30:00 PM	7.9865	7.9905			N/A
1/8/2019	CHFHKD	9:30:00 AM	7.989	7.991			N/A
1/8/2019	CHFHKD	11:30:00 AM	7.998	8.0008			N/A
1/8/2019	CHFHKD	1:30:00 PM	7.9891	7.9911			N/A
1/8/2019	CHFHKD	3:30:00 PM					N/A
1/9/2019	CHFHKD	9:30:00 AM	7.9899	7.9939			N/A
1/9/2019	CHFHKD	11:30:00 AM					N/A
1/9/2019	CHFHKD	1:30:00 PM	7.9899	7.9904			N/A
1/9/2019	CHFHKD	3:30:00 PM	7.9913	7.995			N/A
1/10/2019	CHFHKD	9:30:00 AM	8.0526	8.0565			N/A
1/10/2019	CHFHKD	11:30:00 AM	8.0296	8.0326			N/A
1/10/2019	CHFHKD	1:30:00 PM	8.0289	8.0308			N/A
1/10/2019	CHFHKD	3:30:00 PM	8.0126	8.0139			N/A
1/11/2019	CHFHKD	9:30:00 AM	7.9774	7.9809			N/A
1/11/2019	CHFHKD	11:30:00 AM					N/A
1/11/2019	CHFHKD	1:30:00 PM	7.9759	7.9786			N/A
1/11/2019	CHFHKD	3:30:00 PM	7.9844	7.9851			N/A
1/14/2019	CHFHKD	9:30:00 AM	7.97	7.9733			N/A
1/14/2019	CHFHKD	11:30:00 AM	7.9824	7.984			N/A
1/14/2019	CHFHKD	1:30:00 PM	7.985	7.9878			N/A
1/14/2019	CHFHKD	3:30:00 PM	7.9838	7.9876			N/A
1/15/2019	CHFHKD	9:30:00 AM	7.9937	7.9976			N/A
1/15/2019	CHFHKD	11:30:00 AM					N/A
1/15/2019	CHFHKD	1:30:00 PM	7.9509	7.9535			N/A
1/15/2019	CHFHKD	3:30:00 PM	7.9516	7.9538			N/A
1/16/2019	CHFHKD	9:30:00 AM	7.9323	7.9362			N/A

1/16/2019	CHFHKD	11:30:00 AM	7.9361	7.9399			N/A
1/16/2019	CHFHKD	1:30:00 PM	7.9306	7.9342			N/A
1/16/2019	CHFHKD	3:30:00 PM	7.929	7.932			N/A
1/17/2019	CHFHKD	9:30:00 AM	7.9069	7.9108			N/A
1/17/2019	CHFHKD	11:30:00 AM					N/A
1/17/2019	CHFHKD	1:30:00 PM	7.9043	7.9081			N/A
1/17/2019	CHFHKD	3:30:00 PM	7.9008	7.8997			N/A
1/18/2019	CHFHKD	9:30:00 AM	7.8904	7.8941			N/A
1/18/2019	CHFHKD	11:30:00 AM	7.8857	7.889			N/A
1/18/2019	CHFHKD	1:30:00 PM	7.8927	7.8965			N/A
1/18/2019	CHFHKD	3:30:00 PM	7.8906	7.8939			N/A
1/21/2019	CHFHKD	9:30:00 AM	7.8818	7.8857			N/A
1/21/2019	CHFHKD	11:30:00 AM					N/A
1/21/2019	CHFHKD	1:30:00 PM	7.8625	7.8658			N/A
1/21/2019	CHFHKD	3:30:00 PM	7.8555	7.8594			N/A
1/22/2019	CHFHKD	9:30:00 AM	7.8634	7.8673			N/A
1/22/2019	CHFHKD	11:30:00 AM	7.8661	7.8692			N/A
1/22/2019	CHFHKD	1:30:00 PM	7.872	7.8758			N/A
1/22/2019	CHFHKD	3:30:00 PM	7.8582	7.86			N/A
1/23/2019	CHFHKD	9:30:00 AM	7.861	7.865			N/A
1/23/2019	CHFHKD	11:30:00 AM					N/A
1/23/2019	CHFHKD	1:30:00 PM	7.8636	7.8674			N/A
1/23/2019	CHFHKD	3:30:00 PM	7.8623	7.8656			N/A
1/24/2019	CHFHKD	9:30:00 AM	7.887	7.8906			N/A
1/24/2019	CHFHKD	11:30:00 AM	7.8881	7.8907			N/A
1/24/2019	CHFHKD	1:30:00 PM	7.8808	7.8836			N/A
1/24/2019	CHFHKD	3:30:00 PM	7.8802	7.8833			N/A
1/25/2019	CHFHKD	9:30:00 AM	7.8786	7.8824			N/A
1/25/2019	CHFHKD	11:30:00 AM					N/A
1/25/2019	CHFHKD	1:30:00 PM	7.8734	7.8774			N/A
1/25/2019	CHFHKD	3:30:00 PM	7.8675	7.8712			N/A
1/28/2019	CHFHKD	9:30:00 AM	7.9104	7.9141			N/A
1/28/2019	CHFHKD	11:30:00 AM	7.9078	7.9117			N/A
1/28/2019	CHFHKD	1:30:00 PM	7.9082	7.9122			N/A
1/28/2019	CHFHKD	3:30:00 PM	7.9063	7.9089			N/A
1/29/2019	CHFHKD	9:30:00 AM	7.9102	7.9142			N/A
1/29/2019	CHFHKD	11:30:00 AM					N/A
1/29/2019	CHFHKD	1:30:00 PM	7.898	7.9018			N/A
1/29/2019	CHFHKD	3:30:00 PM	7.8915	7.8948			N/A
1/30/2019	CHFHKD	9:30:00 AM	7.8723	7.8762			N/A
1/30/2019	CHFHKD	11:30:00 AM	7.8703	7.8742			N/A
1/30/2019	CHFHKD	1:30:00 PM	7.8649	7.8682			N/A
1/30/2019	CHFHKD	3:30:00 PM	7.8584	7.8623			N/A
1/31/2019	CHFHKD	9:30:00 AM	7.9056	7.9086			N/A
1/31/2019	CHFHKD	11:30:00 AM					N/A
1/31/2019	CHFHKD	1:30:00 PM	7.901	7.9049			N/A
1/31/2019	CHFHKD	3:30:00 PM	7.9004	7.9033			N/A
2/1/2019	CHFHKD	9:30:00 AM	7.8777	7.881			N/A
2/1/2019	CHFHKD	11:30:00 AM	7.8979	7.9008			N/A
2/1/2019	CHFHKD	1:30:00 PM	7.9048	7.9082			N/A

2/1/2019	CHFHKD	3:30:00 PM	7.8957	7.8932			N/A
2/4/2019	CHFHKD	9:30:00 AM	7.8675	7.8712			N/A
2/4/2019	CHFHKD	11:30:00 AM					N/A
2/4/2019	CHFHKD	1:30:00 PM	7.8642	7.868			N/A
2/4/2019	CHFHKD	3:30:00 PM	7.864	7.8672			N/A
2/5/2019	CHFHKD	9:30:00 AM	7.8529	7.8565			N/A
2/5/2019	CHFHKD	11:30:00 AM	7.8439	7.847			N/A
2/5/2019	CHFHKD	1:30:00 PM	7.8314	7.8353			N/A
2/5/2019	CHFHKD	3:30:00 PM	7.8374	7.8394			N/A
2/6/2019	CHFHKD	9:30:00 AM	7.8365	7.8404			N/A
2/6/2019	CHFHKD	11:30:00 AM					N/A
2/6/2019	CHFHKD	1:30:00 PM	7.8396	7.8434			N/A
2/6/2019	CHFHKD	3:30:00 PM	7.8433	7.8461			N/A
2/7/2019	CHFHKD	9:30:00 AM	7.8269	7.8308			N/A
2/7/2019	CHFHKD	11:30:00 AM	7.8233	7.827			N/A
2/7/2019	CHFHKD	1:30:00 PM	7.8272	7.831			N/A
2/7/2019	CHFHKD	3:30:00 PM	7.8328	7.8363			N/A
2/8/2019	CHFHKD	9:30:00 AM	7.8313	7.8343			N/A
2/8/2019	CHFHKD	11:30:00 AM					N/A
2/8/2019	CHFHKD	1:30:00 PM	7.8309	7.8348			N/A
2/8/2019	CHFHKD	3:30:00 PM	7.8353	7.839			N/A
2/11/2019	CHFHKD	9:30:00 AM	7.8423	7.8454			N/A
2/11/2019	CHFHKD	11:30:00 AM	7.8311	7.8329			N/A
2/11/2019	CHFHKD	1:30:00 PM	7.8255	7.8294			N/A
2/11/2019	CHFHKD	3:30:00 PM	7.8162	7.819			N/A
2/12/2019	CHFHKD	9:30:00 AM	7.8131	7.8162			N/A
2/12/2019	CHFHKD	11:30:00 AM					N/A
2/12/2019	CHFHKD	1:30:00 PM	7.7805	7.7829			N/A
2/12/2019	CHFHKD	3:30:00 PM	7.7809	7.7834			N/A
2/13/2019	CHFHKD	9:30:00 AM	7.8007	7.8042			N/A
2/13/2019	CHFHKD	11:30:00 AM	7.8011	7.8049			N/A
2/13/2019	CHFHKD	1:30:00 PM	7.8018	7.8057			N/A
2/13/2019	CHFHKD	3:30:00 PM	7.8037	7.8026			N/A
2/14/2019	CHFHKD	9:30:00 AM	7.7824	7.786			N/A
2/14/2019	CHFHKD	11:30:00 AM					N/A
2/14/2019	CHFHKD	1:30:00 PM	7.7789	7.7828			N/A
2/14/2019	CHFHKD	3:30:00 PM	7.7856	7.7896			N/A
2/15/2019	CHFHKD	9:30:00 AM					N/A
2/15/2019	CHFHKD	11:30:00 AM					N/A
2/15/2019	CHFHKD	1:30:00 PM					N/A
2/15/2019	CHFHKD	3:30:00 PM					N/A
2/18/2019	CHFHKD	9:30:00 AM	7.8179	7.8213			N/A
2/18/2019	CHFHKD	11:30:00 AM					N/A
2/18/2019	CHFHKD	1:30:00 PM	7.8215	7.8255			N/A
2/18/2019	CHFHKD	3:30:00 PM	7.8214	7.8252			N/A
2/19/2019	CHFHKD	9:30:00 AM	7.8067	7.8105			N/A
2/19/2019	CHFHKD	11:30:00 AM	7.8097	7.8126			N/A
2/19/2019	CHFHKD	1:30:00 PM	7.8054	7.8091			N/A
2/19/2019	CHFHKD	3:30:00 PM	7.8093	7.8129			N/A
2/20/2019	CHFHKD	9:30:00 AM	7.8329	7.8368			N/A

2/20/2019	CHFHKD	11:30:00 AM					N/A
2/20/2019	CHFHKD	1:30:00 PM	7.8363	7.8397			N/A
2/20/2019	CHFHKD	3:30:00 PM	7.8434	7.8472			N/A
2/21/2019	CHFHKD	9:30:00 AM	7.8334	7.8373			N/A
2/21/2019	CHFHKD	11:30:00 AM	7.8344	7.8376			N/A
2/21/2019	CHFHKD	1:30:00 PM	7.8368	7.8404			N/A
2/21/2019	CHFHKD	3:30:00 PM	7.84	7.8417			N/A
2/22/2019	CHFHKD	9:30:00 AM	7.8432	7.8469			N/A
2/22/2019	CHFHKD	11:30:00 AM					N/A
2/22/2019	CHFHKD	1:30:00 PM	7.843	7.8469			N/A
2/22/2019	CHFHKD	3:30:00 PM	7.8379	7.8406			N/A
2/25/2019	CHFHKD	9:30:00 AM	7.8504	7.8544			N/A
2/25/2019	CHFHKD	11:30:00 AM	7.8495	7.8534			N/A
2/25/2019	CHFHKD	1:30:00 PM	7.8564	7.8603			N/A
2/25/2019	CHFHKD	3:30:00 PM	7.8476	7.8515			N/A
2/26/2019	CHFHKD	9:30:00 AM	7.8421	7.846			N/A
2/26/2019	CHFHKD	11:30:00 AM					N/A
2/26/2019	CHFHKD	1:30:00 PM	7.8411	7.845			N/A
2/26/2019	CHFHKD	3:30:00 PM	7.841	7.841			N/A
2/27/2019	CHFHKD	9:30:00 AM	7.8502	7.8541			N/A
2/27/2019	CHFHKD	11:30:00 AM	7.8642	7.8681			N/A
2/27/2019	CHFHKD	1:30:00 PM	7.8741	7.8781			N/A
2/27/2019	CHFHKD	3:30:00 PM	7.8646	7.8674			N/A
2/28/2019	CHFHKD	9:30:00 AM	7.8716	7.8723			N/A
2/28/2019	CHFHKD	11:30:00 AM					N/A
2/28/2019	CHFHKD	1:30:00 PM	7.8968	7.9007			N/A
2/28/2019	CHFHKD	3:30:00 PM	7.8924	7.8864			N/A
3/1/2019	CHFHKD	9:30:00 AM	7.8607	7.8644			N/A
3/1/2019	CHFHKD	11:30:00 AM	7.8412	7.8444			N/A
3/1/2019	CHFHKD	1:30:00 PM	7.8584	7.8618			N/A
3/1/2019	CHFHKD	3:30:00 PM	7.8575	7.8608			N/A
3/4/2019	CHFHKD	9:30:00 AM	7.8462	7.8501			N/A
3/4/2019	CHFHKD	11:30:00 AM					N/A
3/4/2019	CHFHKD	1:30:00 PM	7.8411	7.8442			N/A
3/4/2019	CHFHKD	3:30:00 PM	7.8492	7.851			N/A
3/5/2019	CHFHKD	9:30:00 AM	7.8445	7.8483			N/A
3/5/2019	CHFHKD	11:30:00 AM	7.8364	7.8403			N/A
3/5/2019	CHFHKD	1:30:00 PM	7.8434	7.8471			N/A
3/5/2019	CHFHKD	3:30:00 PM	7.8409	7.8435			N/A
3/6/2019	CHFHKD	9:30:00 AM	7.8091	7.8128			N/A
3/6/2019	CHFHKD	11:30:00 AM					N/A
3/6/2019	CHFHKD	1:30:00 PM	7.8136	7.8175			N/A
3/6/2019	CHFHKD	3:30:00 PM	7.8109	7.813			N/A
3/7/2019	CHFHKD	9:30:00 AM	7.8115	7.8154			N/A
3/7/2019	CHFHKD	11:30:00 AM	7.8125	7.8162			N/A
3/7/2019	CHFHKD	1:30:00 PM	7.8157	7.8191			N/A
3/7/2019	CHFHKD	3:30:00 PM	7.7882	7.7915			N/A
3/8/2019	CHFHKD	9:30:00 AM	7.772	7.7759			N/A
3/8/2019	CHFHKD	11:30:00 AM					N/A
3/8/2019	CHFHKD	1:30:00 PM	7.7695	7.7734			N/A

3/8/2019	CHFHKD	3:30:00 PM	7.778	7.7811			N/A
3/11/2019	CHFHKD	9:30:00 AM	7.7873	7.7912			N/A
3/11/2019	CHFHKD	11:30:00 AM	7.7873	7.7912			N/A
3/11/2019	CHFHKD	1:30:00 PM	7.7764	7.7803			N/A
3/11/2019	CHFHKD	3:30:00 PM	7.7753	7.7784			N/A
3/12/2019	CHFHKD	9:30:00 AM	7.7629	7.7668			N/A
3/12/2019	CHFHKD	11:30:00 AM					N/A
3/12/2019	CHFHKD	1:30:00 PM	7.781	7.7845			N/A
3/12/2019	CHFHKD	3:30:00 PM	7.7829	7.7868			N/A
3/13/2019	CHFHKD	9:30:00 AM	7.787	7.7908			N/A
3/13/2019	CHFHKD	11:30:00 AM	7.8016	7.8055			N/A
3/13/2019	CHFHKD	1:30:00 PM	7.8009	7.8033			N/A
3/13/2019	CHFHKD	3:30:00 PM	7.801	7.8049			N/A
3/14/2019	CHFHKD	9:30:00 AM	7.8155	7.8194			N/A
3/14/2019	CHFHKD	11:30:00 AM					N/A
3/14/2019	CHFHKD	1:30:00 PM	7.8139	7.8159			N/A
3/14/2019	CHFHKD	3:30:00 PM	7.8115	7.8154			N/A
3/15/2019	CHFHKD	9:30:00 AM	7.8282	7.8317			N/A
3/15/2019	CHFHKD	11:30:00 AM	7.8163	7.8194			N/A
3/15/2019	CHFHKD	1:30:00 PM	7.8181	7.822			N/A
3/15/2019	CHFHKD	3:30:00 PM	7.8168	7.8192			N/A
3/18/2019	CHFHKD	9:30:00 AM	7.8362	7.8399			N/A
3/18/2019	CHFHKD	11:30:00 AM					N/A
3/18/2019	CHFHKD	1:30:00 PM	7.8477	7.8514			N/A
3/18/2019	CHFHKD	3:30:00 PM	7.8386	7.8423			N/A
3/19/2019	CHFHKD	9:30:00 AM	7.8458	7.8497			N/A
3/19/2019	CHFHKD	11:30:00 AM	7.8477	7.8516			N/A
3/19/2019	CHFHKD	1:30:00 PM	7.8492	7.8528			N/A
3/19/2019	CHFHKD	3:30:00 PM	7.8488	7.8527			N/A
3/20/2019	CHFHKD	9:30:00 AM	7.8497	7.8536			N/A
3/20/2019	CHFHKD	11:30:00 AM					N/A
3/20/2019	CHFHKD	1:30:00 PM	7.8553	7.859			N/A
3/20/2019	CHFHKD	3:30:00 PM	7.8627	7.8651			N/A
3/21/2019	CHFHKD	9:30:00 AM	7.9126	7.9162			N/A
3/21/2019	CHFHKD	11:30:00 AM	7.8992	7.9025			N/A
3/21/2019	CHFHKD	1:30:00 PM	7.8937	7.897			N/A
3/21/2019	CHFHKD	3:30:00 PM	7.9053	7.9069			N/A
3/22/2019	CHFHKD	9:30:00 AM	7.9064	7.9094			N/A
3/22/2019	CHFHKD	11:30:00 AM					N/A
3/22/2019	CHFHKD	1:30:00 PM	7.8883	7.8922			N/A
3/22/2019	CHFHKD	3:30:00 PM	7.8859	7.8891			N/A
3/25/2019	CHFHKD	9:30:00 AM	7.89	7.8938			N/A
3/25/2019	CHFHKD	11:30:00 AM	7.8921	7.896			N/A
3/25/2019	CHFHKD	1:30:00 PM	7.8953	7.8992			N/A
3/25/2019	CHFHKD	3:30:00 PM	7.9035	7.9058			N/A
3/26/2019	CHFHKD	9:30:00 AM	7.9043	7.9078			N/A
3/26/2019	CHFHKD	11:30:00 AM					N/A
3/26/2019	CHFHKD	1:30:00 PM	7.9044	7.9075			N/A
3/26/2019	CHFHKD	3:30:00 PM	7.8938	7.8969			N/A
3/27/2019	CHFHKD	9:30:00 AM	7.8801	7.8839			N/A

3/27/2019	CHFHKD	11:30:00 AM	7.897	7.9008			N/A
3/27/2019	CHFHKD	1:30:00 PM	7.9037	7.907			N/A
3/27/2019	CHFHKD	3:30:00 PM	7.892	7.8957			N/A
3/28/2019	CHFHKD	9:30:00 AM	7.8853	7.8891			N/A
3/28/2019	CHFHKD	11:30:00 AM					N/A
3/28/2019	CHFHKD	1:30:00 PM	7.8789	7.8823			N/A
3/28/2019	CHFHKD	3:30:00 PM	7.8763	7.8794			N/A
3/29/2019	CHFHKD	9:30:00 AM	7.8806	7.8844			N/A
3/29/2019	CHFHKD	11:30:00 AM	7.885	7.8888			N/A
3/29/2019	CHFHKD	1:30:00 PM	7.8791	7.8829			N/A
3/29/2019	CHFHKD	3:30:00 PM	7.8862	7.8901			N/A
1/1/2019	CHFHUF	9:30:00 AM					N/A
1/1/2019	CHFHUF	11:30:00 AM					N/A
1/1/2019	CHFHUF	1:30:00 PM					N/A
1/1/2019	CHFHUF	3:30:00 PM					N/A
1/2/2019	CHFHUF	9:30:00 AM					N/A
1/2/2019	CHFHUF	11:30:00 AM					N/A
1/2/2019	CHFHUF	1:30:00 PM					N/A
1/2/2019	CHFHUF	3:30:00 PM					N/A
1/3/2019	CHFHUF	9:30:00 AM					N/A
1/3/2019	CHFHUF	11:30:00 AM					N/A
1/3/2019	CHFHUF	1:30:00 PM					N/A
1/3/2019	CHFHUF	3:30:00 PM					N/A
1/4/2019	CHFHUF	9:30:00 AM					N/A
1/4/2019	CHFHUF	11:30:00 AM					N/A
1/4/2019	CHFHUF	1:30:00 PM					N/A
1/4/2019	CHFHUF	3:30:00 PM					N/A
1/4/2019	CHFHUF	1:30:00 PM					N/A
1/4/2019	CHFHUF	3:30:00 PM					N/A
1/7/2019	CHFHUF	9:30:00 AM	285.26	285.59			N/A
1/7/2019	CHFHUF	11:30:00 AM					N/A
1/7/2019	CHFHUF	1:30:00 PM	285.61	285.91			N/A
1/7/2019	CHFHUF	3:30:00 PM	285.65	286			N/A
1/8/2019	CHFHUF	9:30:00 AM	286.04	286.29			N/A
1/8/2019	CHFHUF	11:30:00 AM	285.98	286.29			N/A
1/8/2019	CHFHUF	1:30:00 PM	286.26	286.61			N/A
1/8/2019	CHFHUF	3:30:00 PM	286.4	286.65			N/A
1/9/2019	CHFHUF	9:30:00 AM	285.57	285.93			N/A
1/9/2019	CHFHUF	11:30:00 AM					N/A
1/9/2019	CHFHUF	1:30:00 PM	286.17	286.47			N/A
1/9/2019	CHFHUF	3:30:00 PM	286.29	286.68			N/A
1/10/2019	CHFHUF	9:30:00 AM	285.8	286.17			N/A
1/10/2019	CHFHUF	11:30:00 AM	285.78	286.02			N/A
1/10/2019	CHFHUF	1:30:00 PM	285.16	285.51			N/A
1/10/2019	CHFHUF	3:30:00 PM	284.24	284.42			N/A
1/11/2019	CHFHUF	9:30:00 AM	283.26	283.63			N/A
1/11/2019	CHFHUF	11:30:00 AM					N/A
1/11/2019	CHFHUF	1:30:00 PM	283.47	283.86			N/A
1/11/2019	CHFHUF	3:30:00 PM	283.8	284.05			N/A
1/14/2019	CHFHUF	9:30:00 AM	284.57	284.92			N/A
1/14/2019	CHFHUF	11:30:00 AM	284.83	285.14			N/A
1/14/2019	CHFHUF	1:30:00 PM	285.08	285.45			N/A

1/14/2019	CHFHUF	3:30:00 PM	285.31	285.67			N/A
1/15/2019	CHFHUF	9:30:00 AM	285.56	285.87			N/A
1/15/2019	CHFHUF	11:30:00 AM					N/A
1/15/2019	CHFHUF	1:30:00 PM	285.35	285.73			N/A
1/15/2019	CHFHUF	3:30:00 PM	286.35	286.58			N/A
1/16/2019	CHFHUF	9:30:00 AM	286.57	286.8			N/A
1/16/2019	CHFHUF	11:30:00 AM	286.39	286.75			N/A
1/16/2019	CHFHUF	1:30:00 PM	285.32	285.62			N/A
1/16/2019	CHFHUF	3:30:00 PM	285.27	285.57			N/A
1/17/2019	CHFHUF	9:30:00 AM	284.88	285.25			N/A
1/17/2019	CHFHUF	11:30:00 AM					N/A
1/17/2019	CHFHUF	1:30:00 PM	283.19	283.5			N/A
1/17/2019	CHFHUF	3:30:00 PM	282.52	282.81			N/A
1/18/2019	CHFHUF	9:30:00 AM	281.85	282.2			N/A
1/18/2019	CHFHUF	11:30:00 AM	281.32	281.58			N/A
1/18/2019	CHFHUF	1:30:00 PM	280.78	281.16			N/A
1/18/2019	CHFHUF	3:30:00 PM	280.48	280.73			N/A
1/21/2019	CHFHUF	9:30:00 AM	280.47	280.86			N/A
1/21/2019	CHFHUF	11:30:00 AM					N/A
1/21/2019	CHFHUF	1:30:00 PM	279.97	280.36			N/A
1/21/2019	CHFHUF	3:30:00 PM	279.82	280.19			N/A
1/22/2019	CHFHUF	9:30:00 AM	280.44	280.66			N/A
1/22/2019	CHFHUF	11:30:00 AM	280.33	280.6			N/A
1/22/2019	CHFHUF	1:30:00 PM	280.73	281.09			N/A
1/22/2019	CHFHUF	3:30:00 PM	280.37	280.6			N/A
1/23/2019	CHFHUF	9:30:00 AM	280.35	280.73			N/A
1/23/2019	CHFHUF	11:30:00 AM					N/A
1/23/2019	CHFHUF	1:30:00 PM	280.33	280.7			N/A
1/23/2019	CHFHUF	3:30:00 PM	280.27	280.63			N/A
1/24/2019	CHFHUF	9:30:00 AM	280.89	281.28			N/A
1/24/2019	CHFHUF	11:30:00 AM	282.19	282.56			N/A
1/24/2019	CHFHUF	1:30:00 PM	282.14	282.45			N/A
1/24/2019	CHFHUF	3:30:00 PM	281.93	282.3			N/A
1/25/2019	CHFHUF	9:30:00 AM	282.24	282.61			N/A
1/25/2019	CHFHUF	11:30:00 AM					N/A
1/25/2019	CHFHUF	1:30:00 PM	281.37	281.57			N/A
1/25/2019	CHFHUF	3:30:00 PM	280.96	281.35			N/A
1/28/2019	CHFHUF	9:30:00 AM	280.37	280.7			N/A
1/28/2019	CHFHUF	11:30:00 AM	280.74	281.11			N/A
1/28/2019	CHFHUF	1:30:00 PM	280.38	280.77			N/A
1/28/2019	CHFHUF	3:30:00 PM	279.98	280.27			N/A
1/29/2019	CHFHUF	9:30:00 AM	279.53	279.89			N/A
1/29/2019	CHFHUF	11:30:00 AM					N/A
1/29/2019	CHFHUF	1:30:00 PM	279.09	279.47			N/A
1/29/2019	CHFHUF	3:30:00 PM	279.13	279.49			N/A
1/30/2019	CHFHUF	9:30:00 AM	278.18	278.56			N/A
1/30/2019	CHFHUF	11:30:00 AM	278.16	278.55			N/A
1/30/2019	CHFHUF	1:30:00 PM	277.96	278.36			N/A
1/30/2019	CHFHUF	3:30:00 PM	277.36	277.74			N/A
1/31/2019	CHFHUF	9:30:00 AM	276.08	276.29			N/A

instaforex
Instant Forex Trading

1/31/2019	CHFHUF	11:30:00 AM					N/A
1/31/2019	CHFHUF	1:30:00 PM	276.96	277.33			N/A
1/31/2019	CHFHUF	3:30:00 PM	276.52	276.83			N/A
2/1/2019	CHFHUF	9:30:00 AM	276.89	277.15			N/A
2/1/2019	CHFHUF	11:30:00 AM	278.54	278.71			N/A
2/1/2019	CHFHUF	1:30:00 PM	279.08	279.45			N/A
2/1/2019	CHFHUF	3:30:00 PM	278.76	279.02			N/A
2/4/2019	CHFHUF	9:30:00 AM	278.12	278.52			N/A
2/4/2019	CHFHUF	11:30:00 AM					N/A
2/4/2019	CHFHUF	1:30:00 PM	277.94	278.3			N/A
2/4/2019	CHFHUF	3:30:00 PM	278.08	278.43			N/A
2/5/2019	CHFHUF	9:30:00 AM	277.82	278.19			N/A
2/5/2019	CHFHUF	11:30:00 AM	277.92	278.1			N/A
2/5/2019	CHFHUF	1:30:00 PM	277.4	277.78			N/A
2/5/2019	CHFHUF	3:30:00 PM	277.4	277.78			N/A
2/6/2019	CHFHUF	9:30:00 AM	278.77	279.1			N/A
2/6/2019	CHFHUF	11:30:00 AM					N/A
2/6/2019	CHFHUF	1:30:00 PM	279.34	279.73			N/A
2/6/2019	CHFHUF	3:30:00 PM	279.39	279.64			N/A
2/7/2019	CHFHUF	9:30:00 AM	279.92	280.29			N/A
2/7/2019	CHFHUF	11:30:00 AM	280.67	280.99			N/A
2/7/2019	CHFHUF	1:30:00 PM	280.96	281.33			N/A
2/7/2019	CHFHUF	3:30:00 PM	281.02	281.28			N/A
2/8/2019	CHFHUF	9:30:00 AM	280.38	280.74			N/A
2/8/2019	CHFHUF	11:30:00 AM					N/A
2/8/2019	CHFHUF	1:30:00 PM	280.31	280.7			N/A
2/8/2019	CHFHUF	3:30:00 PM	279.89	280.27			N/A
2/11/2019	CHFHUF	9:30:00 AM	281.04	281.31			N/A
2/11/2019	CHFHUF	11:30:00 AM	281.6	281.94			N/A
2/11/2019	CHFHUF	1:30:00 PM	281.61	281.96			N/A
2/11/2019	CHFHUF	3:30:00 PM	281.44	281.82			N/A
2/12/2019	CHFHUF	9:30:00 AM	281.85	282.21			N/A
2/12/2019	CHFHUF	11:30:00 AM					N/A
2/12/2019	CHFHUF	1:30:00 PM	279.49	279.81			N/A
2/12/2019	CHFHUF	3:30:00 PM	278.99	279.24			N/A
2/13/2019	CHFHUF	9:30:00 AM	278.89	279.28			N/A
2/13/2019	CHFHUF	11:30:00 AM	278.51	278.89			N/A
2/13/2019	CHFHUF	1:30:00 PM	279.21	279.59			N/A
2/13/2019	CHFHUF	3:30:00 PM	279.58	279.91			N/A
2/14/2019	CHFHUF	9:30:00 AM	279.7	280.07			N/A
2/14/2019	CHFHUF	11:30:00 AM					N/A
2/14/2019	CHFHUF	1:30:00 PM	280.08	280.45			N/A
2/14/2019	CHFHUF	3:30:00 PM	280.14	280.49			N/A
2/15/2019	CHFHUF	9:30:00 AM					N/A
2/15/2019	CHFHUF	11:30:00 AM					N/A
2/15/2019	CHFHUF	1:30:00 PM					N/A
2/15/2019	CHFHUF	3:30:00 PM					N/A
2/18/2019	CHFHUF	9:30:00 AM	279.73	280.12			N/A
2/18/2019	CHFHUF	11:30:00 AM					N/A
2/18/2019	CHFHUF	1:30:00 PM	279.62	280.01			N/A

2/18/2019	CHFHUF	3:30:00 PM	279.72	280.09			N/A
2/19/2019	CHFHUF	9:30:00 AM	279.58	279.95			N/A
2/19/2019	CHFHUF	11:30:00 AM	279.91	280.21			N/A
2/19/2019	CHFHUF	1:30:00 PM	280.49	280.8			N/A
2/19/2019	CHFHUF	3:30:00 PM	280.29	280.61			N/A
2/20/2019	CHFHUF	9:30:00 AM	279.33	279.69			N/A
2/20/2019	CHFHUF	11:30:00 AM					N/A
2/20/2019	CHFHUF	1:30:00 PM	279.53	279.92			N/A
2/20/2019	CHFHUF	3:30:00 PM	279.55	279.92			N/A
2/21/2019	CHFHUF	9:30:00 AM	279	279.18			N/A
2/21/2019	CHFHUF	11:30:00 AM	279.2	279.55			N/A
2/21/2019	CHFHUF	1:30:00 PM	279.16	279.52			N/A
2/21/2019	CHFHUF	3:30:00 PM	279.17	279.52			N/A
2/22/2019	CHFHUF	9:30:00 AM	279.31	279.6			N/A
2/22/2019	CHFHUF	11:30:00 AM					N/A
2/22/2019	CHFHUF	1:30:00 PM	279.95	280.31			N/A
2/22/2019	CHFHUF	3:30:00 PM	279.7	280.05			N/A
2/25/2019	CHFHUF	9:30:00 AM	279.38	279.76			N/A
2/25/2019	CHFHUF	11:30:00 AM	279.92	280.31			N/A
2/25/2019	CHFHUF	1:30:00 PM	279.65	280.04			N/A
2/25/2019	CHFHUF	3:30:00 PM	279.61	279.83			N/A
2/26/2019	CHFHUF	9:30:00 AM	279.44	279.82			N/A
2/26/2019	CHFHUF	11:30:00 AM					N/A
2/26/2019	CHFHUF	1:30:00 PM	278.72	279.11			N/A
2/26/2019	CHFHUF	3:30:00 PM	278.54	278.79			N/A
2/27/2019	CHFHUF	9:30:00 AM	278.21	278.58			N/A
2/27/2019	CHFHUF	11:30:00 AM	278.08	278.42			N/A
2/27/2019	CHFHUF	1:30:00 PM	278.36	278.74			N/A
2/27/2019	CHFHUF	3:30:00 PM	278.23	278.47			N/A
2/28/2019	CHFHUF	9:30:00 AM	278.59	278.91			N/A
2/28/2019	CHFHUF	11:30:00 AM					N/A
2/28/2019	CHFHUF	1:30:00 PM	278.38	278.72			N/A
2/28/2019	CHFHUF	3:30:00 PM	278.31	278.54			N/A
3/1/2019	CHFHUF	9:30:00 AM	278.29	278.55			N/A
3/1/2019	CHFHUF	11:30:00 AM	277.43	277.8			N/A
3/1/2019	CHFHUF	1:30:00 PM	277.79	278.13			N/A
3/1/2019	CHFHUF	3:30:00 PM	277.83	278.16			N/A
3/4/2019	CHFHUF	9:30:00 AM	277.76	278.13			N/A
3/4/2019	CHFHUF	11:30:00 AM					N/A
3/4/2019	CHFHUF	1:30:00 PM	278.2	278.53			N/A
3/4/2019	CHFHUF	3:30:00 PM	278.22	278.57			N/A
3/5/2019	CHFHUF	9:30:00 AM	278.76	278.99			N/A
3/5/2019	CHFHUF	11:30:00 AM	277.85	278.17			N/A
3/5/2019	CHFHUF	1:30:00 PM	278.15	278.54			N/A
3/5/2019	CHFHUF	3:30:00 PM	278.19	278.56			N/A
3/6/2019	CHFHUF	9:30:00 AM	277.66	278.03			N/A
3/6/2019	CHFHUF	11:30:00 AM					N/A
3/6/2019	CHFHUF	1:30:00 PM					N/A
3/6/2019	CHFHUF	3:30:00 PM	277.45	277.78			N/A
3/7/2019	CHFHUF	9:30:00 AM	277.63	278.01			N/A

3/7/2019	CHFHUF	11:30:00 AM	277.26	277.63			N/A
3/7/2019	CHFHUF	1:30:00 PM	277.39	277.79			N/A
3/7/2019	CHFHUF	3:30:00 PM	277.46	277.68			N/A
3/8/2019	CHFHUF	9:30:00 AM	279.4	279.77			N/A
3/8/2019	CHFHUF	11:30:00 AM					N/A
3/8/2019	CHFHUF	1:30:00 PM	278.64	278.98			N/A
3/8/2019	CHFHUF	3:30:00 PM	278.6	278.97			N/A
3/11/2019	CHFHUF	9:30:00 AM	278.29	278.52			N/A
3/11/2019	CHFHUF	11:30:00 AM	277.98	278.35			N/A
3/11/2019	CHFHUF	1:30:00 PM	278.25	278.63			N/A
3/11/2019	CHFHUF	3:30:00 PM	277.89	278.23			N/A
3/12/2019	CHFHUF	9:30:00 AM	277.08	277.45			N/A
3/12/2019	CHFHUF	11:30:00 AM					N/A
3/12/2019	CHFHUF	1:30:00 PM	277.94	278.22			N/A
3/12/2019	CHFHUF	3:30:00 PM	277.04	277.39			N/A
3/13/2019	CHFHUF	9:30:00 AM	276.88	277.21			N/A
3/13/2019	CHFHUF	11:30:00 AM	276.62	277.01			N/A
3/13/2019	CHFHUF	1:30:00 PM	276.72	277.09			N/A
3/13/2019	CHFHUF	3:30:00 PM	276.44	276.81			N/A
3/14/2019	CHFHUF	9:30:00 AM	276.4	276.67			N/A
3/14/2019	CHFHUF	11:30:00 AM					N/A
3/14/2019	CHFHUF	1:30:00 PM	276.73	277.1			N/A
3/14/2019	CHFHUF	3:30:00 PM	276.66	277.04			N/A
3/15/2019	CHFHUF	9:30:00 AM	276.81	277.15			N/A
3/15/2019	CHFHUF	11:30:00 AM	276.41	276.78			N/A
3/15/2019	CHFHUF	1:30:00 PM	276.41	276.77			N/A
3/15/2019	CHFHUF	3:30:00 PM	276.42	276.77			N/A
3/18/2019	CHFHUF	9:30:00 AM	276.61	276.96			N/A
3/18/2019	CHFHUF	11:30:00 AM					N/A
3/18/2019	CHFHUF	1:30:00 PM	276.51	276.9			N/A
3/18/2019	CHFHUF	3:30:00 PM	276.5	276.87			N/A
3/19/2019	CHFHUF	9:30:00 AM	276.28	276.64			N/A
3/19/2019	CHFHUF	11:30:00 AM	276.07	276.46			N/A
3/19/2019	CHFHUF	1:30:00 PM	275.79	276.18			N/A
3/19/2019	CHFHUF	3:30:00 PM	275.71	276.08			N/A
3/20/2019	CHFHUF	9:30:00 AM	275.56	275.95			N/A
3/20/2019	CHFHUF	11:30:00 AM					N/A
3/20/2019	CHFHUF	1:30:00 PM	275.64	276			N/A
3/20/2019	CHFHUF	3:30:00 PM	276.16	276.48			N/A
3/21/2019	CHFHUF	9:30:00 AM	276.77	277.16			N/A
3/21/2019	CHFHUF	11:30:00 AM	277.47	277.71			N/A
3/21/2019	CHFHUF	1:30:00 PM	277.53	277.87			N/A
3/21/2019	CHFHUF	3:30:00 PM	277.81	278.17			N/A
3/22/2019	CHFHUF	9:30:00 AM	278.06	278.42			N/A
3/22/2019	CHFHUF	11:30:00 AM					N/A
3/22/2019	CHFHUF	1:30:00 PM	280.49	280.87			N/A
3/22/2019	CHFHUF	3:30:00 PM	281.06	281.4			N/A
3/25/2019	CHFHUF	9:30:00 AM	281.25	281.62			N/A
3/25/2019	CHFHUF	11:30:00 AM	281.1	281.47			N/A
3/25/2019	CHFHUF	1:30:00 PM	281.86	282.2			N/A

3/25/2019	CHFHUF	3:30:00 PM	281.86	282.18			N/A
3/26/2019	CHFHUF	9:30:00 AM	281.2	281.57			N/A
3/26/2019	CHFHUF	11:30:00 AM					N/A
3/26/2019	CHFHUF	1:30:00 PM	280.87	281.22			N/A
3/26/2019	CHFHUF	3:30:00 PM	281.34	281.57			N/A
3/27/2019	CHFHUF	9:30:00 AM	284.67	285.04			N/A
3/27/2019	CHFHUF	11:30:00 AM	285.04	285.42			N/A
3/27/2019	CHFHUF	1:30:00 PM	285.85	286.13			N/A
3/27/2019	CHFHUF	3:30:00 PM	285.45	285.8			N/A
3/28/2019	CHFHUF	9:30:00 AM	285.2	285.58			N/A
3/28/2019	CHFHUF	11:30:00 AM					N/A
3/28/2019	CHFHUF	1:30:00 PM	286.19	286.41			N/A
3/28/2019	CHFHUF	3:30:00 PM	285.71	286.08			N/A
3/29/2019	CHFHUF	9:30:00 AM	285.94	286.18			N/A
3/29/2019	CHFHUF	11:30:00 AM	286.76	286.96			N/A
3/29/2019	CHFHUF	1:30:00 PM	286.74	287.12			N/A
3/29/2019	CHFHUF	3:30:00 PM	287	287.35			N/A
1/1/2019	CHFJPY	9:30:00 AM					N/A
1/1/2019	CHFJPY	11:30:00 AM					N/A
1/1/2019	CHFJPY	1:30:00 PM					N/A
1/1/2019	CHFJPY	3:30:00 PM					N/A
1/2/2019	CHFJPY	9:30:00 AM					N/A
1/2/2019	CHFJPY	11:30:00 AM					N/A
1/2/2019	CHFJPY	1:30:00 PM					N/A
1/2/2019	CHFJPY	3:30:00 PM					N/A
1/3/2019	CHFJPY	9:30:00 AM					N/A
1/3/2019	CHFJPY	11:30:00 AM					N/A
1/3/2019	CHFJPY	1:30:00 PM					N/A
1/3/2019	CHFJPY	3:30:00 PM					N/A
1/4/2019	CHFJPY	9:30:00 AM					N/A
1/4/2019	CHFJPY	11:30:00 AM					N/A
1/4/2019	CHFJPY	1:30:00 PM					N/A
1/4/2019	CHFJPY	3:30:00 PM					N/A
1/7/2019	CHFJPY	9:30:00 AM	109.854	109.911			N/A
1/7/2019	CHFJPY	11:30:00 AM					N/A
1/7/2019	CHFJPY	1:30:00 PM	110.266	110.332			N/A
1/7/2019	CHFJPY	3:30:00 PM	110.388	110.455			N/A
1/8/2019	CHFJPY	9:30:00 AM	111.121	111.143			N/A
1/8/2019	CHFJPY	11:30:00 AM	111.031	111.089			N/A
1/8/2019	CHFJPY	1:30:00 PM	110.822	110.847			N/A
1/8/2019	CHFJPY	3:30:00 PM	110.777	110.846			N/A
1/9/2019	CHFJPY	9:30:00 AM	111.07	111.127			N/A
1/9/2019	CHFJPY	11:30:00 AM					N/A
1/9/2019	CHFJPY	1:30:00 PM	110.983	110.992			N/A
1/9/2019	CHFJPY	3:30:00 PM	110.953	111.018			N/A
1/10/2019	CHFJPY	9:30:00 AM	110.876	110.924			N/A
1/10/2019	CHFJPY	11:30:00 AM	110.734	110.793			N/A
1/10/2019	CHFJPY	1:30:00 PM	110.629	110.633			N/A
1/10/2019	CHFJPY	3:30:00 PM	110.51	110.541			N/A
1/11/2019	CHFJPY	9:30:00 AM	110.277	110.329			N/A

1/11/2019	CHFJPY	11:30:00 AM					N/A
1/11/2019	CHFJPY	1:30:00 PM	110.176	110.228			N/A
1/11/2019	CHFJPY	3:30:00 PM	110.306	110.327			N/A
1/14/2019	CHFJPY	9:30:00 AM	109.923	109.974			N/A
1/14/2019	CHFJPY	11:30:00 AM	110.05	110.089			N/A
1/14/2019	CHFJPY	1:30:00 PM	109.967	110.017			N/A
1/14/2019	CHFJPY	3:30:00 PM	110.055	110.121			N/A
1/15/2019	CHFJPY	9:30:00 AM	110.712	110.772			N/A
1/15/2019	CHFJPY	11:30:00 AM					N/A
1/15/2019	CHFJPY	1:30:00 PM	109.967	110.017			N/A
1/15/2019	CHFJPY	3:30:00 PM	110.06	110.061			N/A
1/16/2019	CHFJPY	9:30:00 AM	109.783	109.849			N/A
1/16/2019	CHFJPY	11:30:00 AM	109.858	109.92			N/A
1/16/2019	CHFJPY	1:30:00 PM	109.973	110.037			N/A
1/16/2019	CHFJPY	3:30:00 PM	109.939	109.986			N/A
1/17/2019	CHFJPY	9:30:00 AM	109.716	109.778			N/A
1/17/2019	CHFJPY	11:30:00 AM					N/A
1/17/2019	CHFJPY	1:30:00 PM	109.624	109.685			N/A
1/17/2019	CHFJPY	3:30:00 PM	109.561	109.585			N/A
1/18/2019	CHFJPY	9:30:00 AM	110.054	110.124			N/A
1/18/2019	CHFJPY	11:30:00 AM	110.162	110.218			N/A
1/18/2019	CHFJPY	1:30:00 PM	110.116	110.176			N/A
1/18/2019	CHFJPY	3:30:00 PM	110.061	110.12			N/A
1/21/2019	CHFJPY	9:30:00 AM	110.053	110.123			N/A
1/21/2019	CHFJPY	11:30:00 AM					N/A
1/21/2019	CHFJPY	1:30:00 PM	109.841	109.912			N/A
1/21/2019	CHFJPY	3:30:00 PM	109.815	109.886			N/A
1/22/2019	CHFJPY	9:30:00 AM	109.635	109.7			N/A
1/22/2019	CHFJPY	11:30:00 AM	109.714	109.776			N/A
1/22/2019	CHFJPY	1:30:00 PM	109.762	109.825			N/A
1/22/2019	CHFJPY	3:30:00 PM	109.585	109.645			N/A
1/23/2019	CHFJPY	9:30:00 AM	109.844	109.905			N/A
1/23/2019	CHFJPY	11:30:00 AM					N/A
1/23/2019	CHFJPY	1:30:00 PM	109.886	109.941			N/A
1/23/2019	CHFJPY	3:30:00 PM	109.971	110.034			N/A
1/24/2019	CHFJPY	9:30:00 AM	110.249	110.315			N/A
1/24/2019	CHFJPY	11:30:00 AM	110.285	110.324			N/A
1/24/2019	CHFJPY	1:30:00 PM	110.223	110.268			N/A
1/24/2019	CHFJPY	3:30:00 PM	110.206	110.268			N/A
1/25/2019	CHFJPY	9:30:00 AM	110.287	110.324			N/A
1/25/2019	CHFJPY	11:30:00 AM					N/A
1/25/2019	CHFJPY	1:30:00 PM	110.149	110.216			N/A
1/25/2019	CHFJPY	3:30:00 PM	110.213	110.284			N/A
1/28/2019	CHFJPY	9:30:00 AM	110.219	110.272			N/A
1/28/2019	CHFJPY	11:30:00 AM	110.214	110.266			N/A
1/28/2019	CHFJPY	1:30:00 PM	110.295	110.353			N/A
1/28/2019	CHFJPY	3:30:00 PM	110.246	110.312			N/A
1/29/2019	CHFJPY	9:30:00 AM	110.15	110.203			N/A
1/29/2019	CHFJPY	11:30:00 AM					N/A
1/29/2019	CHFJPY	1:30:00 PM	110.165	110.224			N/A

1/29/2019	CHFJPY	3:30:00 PM	110.111	110.173			N/A
1/30/2019	CHFJPY	9:30:00 AM	109.683	109.749			N/A
1/30/2019	CHFJPY	11:30:00 AM	109.717	109.795			N/A
1/30/2019	CHFJPY	1:30:00 PM	109.693	109.76			N/A
1/30/2019	CHFJPY	3:30:00 PM	109.72	109.784			N/A
1/31/2019	CHFJPY	9:30:00 AM	109.524	109.572			N/A
1/31/2019	CHFJPY	11:30:00 AM					N/A
1/31/2019	CHFJPY	1:30:00 PM	109.394	109.46			N/A
1/31/2019	CHFJPY	3:30:00 PM	109.347	109.369			N/A
2/1/2019	CHFJPY	9:30:00 AM	109.39	109.456			N/A
2/1/2019	CHFJPY	11:30:00 AM	109.638	109.683			N/A
2/1/2019	CHFJPY	1:30:00 PM	109.672	109.736			N/A
2/1/2019	CHFJPY	3:30:00 PM	109.646	109.643			N/A
2/4/2019	CHFJPY	9:30:00 AM	110.096	110.142			N/A
2/4/2019	CHFJPY	11:30:00 AM					N/A
2/4/2019	CHFJPY	1:30:00 PM	110.109	110.176			N/A
2/4/2019	CHFJPY	3:30:00 PM	110.184	110.232			N/A
2/5/2019	CHFJPY	9:30:00 AM	109.977	110.03			N/A
2/5/2019	CHFJPY	11:30:00 AM	109.966	110.037			N/A
2/5/2019	CHFJPY	1:30:00 PM	109.773	109.841			N/A
2/5/2019	CHFJPY	3:30:00 PM	109.768	109.824			N/A
2/6/2019	CHFJPY	9:30:00 AM	109.582	109.621			N/A
2/6/2019	CHFJPY	11:30:00 AM					N/A
2/6/2019	CHFJPY	1:30:00 PM	109.641	109.716			N/A
2/6/2019	CHFJPY	3:30:00 PM	109.753	109.805			N/A
2/7/2019	CHFJPY	9:30:00 AM	109.677	109.745			N/A
2/7/2019	CHFJPY	11:30:00 AM	109.67	109.741			N/A
2/7/2019	CHFJPY	1:30:00 PM	109.581	109.638			N/A
2/7/2019	CHFJPY	3:30:00 PM	109.543	109.603			N/A
2/8/2019	CHFJPY	9:30:00 AM	109.526	109.582			N/A
2/8/2019	CHFJPY	11:30:00 AM					N/A
2/8/2019	CHFJPY	1:30:00 PM	109.634	109.706			N/A
2/8/2019	CHFJPY	3:30:00 PM	109.685	109.729			N/A
2/11/2019	CHFJPY	9:30:00 AM	109.903	109.959			N/A
2/11/2019	CHFJPY	11:30:00 AM	109.993	110.021			N/A
2/11/2019	CHFJPY	1:30:00 PM	109.842	109.909			N/A
2/11/2019	CHFJPY	3:30:00 PM	109.828	109.89			N/A
2/12/2019	CHFJPY	9:30:00 AM	110.051	110.116			N/A
2/12/2019	CHFJPY	11:30:00 AM					N/A
2/12/2019	CHFJPY	1:30:00 PM	109.565	109.62			N/A
2/12/2019	CHFJPY	3:30:00 PM	109.47	109.498			N/A
2/13/2019	CHFJPY	9:30:00 AM	109.973	110.041			N/A
2/13/2019	CHFJPY	11:30:00 AM	110.071	110.141			N/A
2/13/2019	CHFJPY	1:30:00 PM	110.017	110.086			N/A
2/13/2019	CHFJPY	3:30:00 PM	110.083	110.105			N/A
2/14/2019	CHFJPY	9:30:00 AM	110.164	110.219			N/A
2/14/2019	CHFJPY	11:30:00 AM					N/A
2/14/2019	CHFJPY	1:30:00 PM	110.081	110.151			N/A
2/14/2019	CHFJPY	3:30:00 PM	110.02	110.018			N/A
2/15/2019	CHFJPY	9:30:00 AM					N/A

2/15/2019	CHFJPY	11:30:00 AM					N/A
2/15/2019	CHFJPY	1:30:00 PM					N/A
2/15/2019	CHFJPY	3:30:00 PM					N/A
2/18/2019	CHFJPY	9:30:00 AM	110.134	110.198			N/A
2/18/2019	CHFJPY	11:30:00 AM					N/A
2/18/2019	CHFJPY	1:30:00 PM	110.163	110.23			N/A
2/18/2019	CHFJPY	3:30:00 PM	110.2	110.268			N/A
2/19/2019	CHFJPY	9:30:00 AM	110.109	110.179			N/A
2/19/2019	CHFJPY	11:30:00 AM	110.196	110.246			N/A
2/19/2019	CHFJPY	1:30:00 PM	110.143	110.213			N/A
2/19/2019	CHFJPY	3:30:00 PM	110.181	110.247			N/A
2/20/2019	CHFJPY	9:30:00 AM	110.665	110.727			N/A
2/20/2019	CHFJPY	11:30:00 AM					N/A
2/20/2019	CHFJPY	1:30:00 PM	110.659	110.716			N/A
2/20/2019	CHFJPY	3:30:00 PM	110.661	110.725			N/A
2/21/2019	CHFJPY	9:30:00 AM	110.62	110.668			N/A
2/21/2019	CHFJPY	11:30:00 AM	110.519	110.566			N/A
2/21/2019	CHFJPY	1:30:00 PM	110.606	110.669			N/A
2/21/2019	CHFJPY	3:30:00 PM	110.605	110.606			N/A
2/22/2019	CHFJPY	9:30:00 AM	110.64	110.709			N/A
2/22/2019	CHFJPY	11:30:00 AM					N/A
2/22/2019	CHFJPY	1:30:00 PM	110.782	110.848			N/A
2/22/2019	CHFJPY	3:30:00 PM	110.606	110.667			N/A
2/25/2019	CHFJPY	9:30:00 AM	110.702	110.756			N/A
2/25/2019	CHFJPY	11:30:00 AM	110.701	110.769			N/A
2/25/2019	CHFJPY	1:30:00 PM	110.846	110.916			N/A
2/25/2019	CHFJPY	3:30:00 PM	110.789	110.85			N/A
2/26/2019	CHFJPY	9:30:00 AM	110.685	110.743			N/A
2/26/2019	CHFJPY	11:30:00 AM					N/A
2/26/2019	CHFJPY	1:30:00 PM	110.721	110.789			N/A
2/26/2019	CHFJPY	3:30:00 PM	110.675	110.724			N/A
2/27/2019	CHFJPY	9:30:00 AM	110.393	110.459			N/A
2/27/2019	CHFJPY	11:30:00 AM	110.629	110.693			N/A
2/27/2019	CHFJPY	1:30:00 PM	110.804	110.868			N/A
2/27/2019	CHFJPY	3:30:00 PM	110.842	110.896			N/A
2/28/2019	CHFJPY	9:30:00 AM	111.071	111.102			N/A
2/28/2019	CHFJPY	11:30:00 AM					N/A
2/28/2019	CHFJPY	1:30:00 PM	111.416	111.481			N/A
2/28/2019	CHFJPY	3:30:00 PM	111.514	111.472			N/A
3/1/2019	CHFJPY	9:30:00 AM	111.98	112.042			N/A
3/1/2019	CHFJPY	11:30:00 AM	111.866	111.929			N/A
3/1/2019	CHFJPY	1:30:00 PM	111.996	112.053			N/A
3/1/2019	CHFJPY	3:30:00 PM	112.038	112.081			N/A
3/4/2019	CHFJPY	9:30:00 AM	111.913	111.97			N/A
3/4/2019	CHFJPY	11:30:00 AM					N/A
3/4/2019	CHFJPY	1:30:00 PM	111.719	111.778			N/A
3/4/2019	CHFJPY	3:30:00 PM	111.882	111.916			N/A
3/5/2019	CHFJPY	9:30:00 AM	111.845	111.915			N/A
3/5/2019	CHFJPY	11:30:00 AM	111.804	111.864			N/A
3/5/2019	CHFJPY	1:30:00 PM	111.85	111.917			N/A

3/5/2019	CHFJPY	3:30:00 PM	111.781	111.836			N/A
3/6/2019	CHFJPY	9:30:00 AM	111.209	111.272			N/A
3/6/2019	CHFJPY	11:30:00 AM					N/A
3/6/2019	CHFJPY	1:30:00 PM	111.342	111.41			N/A
3/6/2019	CHFJPY	3:30:00 PM	111.255	111.248			N/A
3/7/2019	CHFJPY	9:30:00 AM	111.169	111.232			N/A
3/7/2019	CHFJPY	11:30:00 AM	111.178	111.25			N/A
3/7/2019	CHFJPY	1:30:00 PM	111.192	111.261			N/A
3/7/2019	CHFJPY	3:30:00 PM	110.892	110.949			N/A
3/8/2019	CHFJPY	9:30:00 AM	109.897	109.962			N/A
3/8/2019	CHFJPY	11:30:00 AM					N/A
3/8/2019	CHFJPY	1:30:00 PM	110.033	110.096			N/A
3/8/2019	CHFJPY	3:30:00 PM	110.069	109.995			N/A
3/11/2019	CHFJPY	9:30:00 AM	110.318	110.377			N/A
3/11/2019	CHFJPY	11:30:00 AM	110.306	110.374			N/A
3/11/2019	CHFJPY	1:30:00 PM	110.173	110.229			N/A
3/11/2019	CHFJPY	3:30:00 PM	109.999	110.056			N/A
3/12/2019	CHFJPY	9:30:00 AM	110.107	110.169			N/A
3/12/2019	CHFJPY	11:30:00 AM					N/A
3/12/2019	CHFJPY	1:30:00 PM	110.202	110.251			N/A
3/12/2019	CHFJPY	3:30:00 PM	110.206	110.246			N/A
3/13/2019	CHFJPY	9:30:00 AM	110.419	110.483			N/A
3/13/2019	CHFJPY	11:30:00 AM	110.639	110.704			N/A
3/13/2019	CHFJPY	1:30:00 PM	110.64	110.699			N/A
3/13/2019	CHFJPY	3:30:00 PM	110.657	110.713			N/A
3/14/2019	CHFJPY	9:30:00 AM	111.078	111.132			N/A
3/14/2019	CHFJPY	11:30:00 AM					N/A
3/14/2019	CHFJPY	1:30:00 PM	111.089	111.113			N/A
3/14/2019	CHFJPY	3:30:00 PM	111.055	111.116			N/A
3/15/2019	CHFJPY	9:30:00 AM	111.365	111.426			N/A
3/15/2019	CHFJPY	11:30:00 AM	111.206	111.255			N/A
3/15/2019	CHFJPY	1:30:00 PM	111.272	111.334			N/A
3/15/2019	CHFJPY	3:30:00 PM	111.053	111.107			N/A
3/18/2019	CHFJPY	9:30:00 AM	111.361	111.421			N/A
3/18/2019	CHFJPY	11:30:00 AM					N/A
3/18/2019	CHFJPY	1:30:00 PM	111.443	111.509			N/A
3/18/2019	CHFJPY	3:30:00 PM	111.356	111.425			N/A
3/19/2019	CHFJPY	9:30:00 AM	111.205	111.275			N/A
3/19/2019	CHFJPY	11:30:00 AM	111.276	111.35			N/A
3/19/2019	CHFJPY	1:30:00 PM	111.277	111.343			N/A
3/19/2019	CHFJPY	3:30:00 PM	111.45	111.503			N/A
3/20/2019	CHFJPY	9:30:00 AM	111.614	111.681			N/A
3/20/2019	CHFJPY	11:30:00 AM					N/A
3/20/2019	CHFJPY	1:30:00 PM	111.615	111.679			N/A
3/20/2019	CHFJPY	3:30:00 PM	111.651	111.715			N/A
3/21/2019	CHFJPY	9:30:00 AM	111.323	111.38			N/A
3/21/2019	CHFJPY	11:30:00 AM	111.128	111.189			N/A
3/21/2019	CHFJPY	1:30:00 PM	111.186	111.253			N/A
3/21/2019	CHFJPY	3:30:00 PM	111.413	111.425			N/A
3/22/2019	CHFJPY	9:30:00 AM	111.597	111.66			N/A

3/22/2019	CHFJPY	11:30:00 AM					N/A
3/22/2019	CHFJPY	1:30:00 PM	110.979	111.048			N/A
3/22/2019	CHFJPY	3:30:00 PM	110.806	110.848			N/A
3/25/2019	CHFJPY	9:30:00 AM	110.618	110.661			N/A
3/25/2019	CHFJPY	11:30:00 AM	110.813	110.874			N/A
3/25/2019	CHFJPY	1:30:00 PM	110.798	110.862			N/A
3/25/2019	CHFJPY	3:30:00 PM	110.813	110.869			N/A
3/26/2019	CHFJPY	9:30:00 AM	110.901	110.97			N/A
3/26/2019	CHFJPY	11:30:00 AM					N/A
3/26/2019	CHFJPY	1:30:00 PM	111.153	111.22			N/A
3/26/2019	CHFJPY	3:30:00 PM	111.12	111.18			N/A
3/27/2019	CHFJPY	9:30:00 AM	111.006	111.071			N/A
3/27/2019	CHFJPY	11:30:00 AM	111.276	111.341			N/A
3/27/2019	CHFJPY	1:30:00 PM	111.077	111.137			N/A
3/27/2019	CHFJPY	3:30:00 PM	111.117	111.164			N/A
3/28/2019	CHFJPY	9:30:00 AM	110.665	110.735			N/A
3/28/2019	CHFJPY	11:30:00 AM					N/A
3/28/2019	CHFJPY	1:30:00 PM	110.687	110.75			N/A
3/28/2019	CHFJPY	3:30:00 PM	111.043	111.1			N/A
3/29/2019	CHFJPY	9:30:00 AM	111.012	111.083			N/A
3/29/2019	CHFJPY	11:30:00 AM	111.278	111.311			N/A
3/29/2019	CHFJPY	1:30:00 PM	111.204	111.268			N/A
3/29/2019	CHFJPY	3:30:00 PM	111.343	111.406			N/A
1/1/2019	CHFMXN	9:30:00 AM					N/A
1/1/2019	CHFMXN	11:30:00 AM					N/A
1/1/2019	CHFMXN	1:30:00 PM					N/A
1/1/2019	CHFMXN	3:30:00 PM					N/A
1/2/2019	CHFMXN	9:30:00 AM					N/A
1/2/2019	CHFMXN	11:30:00 AM					N/A
1/2/2019	CHFMXN	1:30:00 PM					N/A
1/2/2019	CHFMXN	3:30:00 PM					N/A
1/3/2019	CHFMXN	9:30:00 AM					N/A
1/3/2019	CHFMXN	11:30:00 AM					N/A
1/3/2019	CHFMXN	1:30:00 PM					N/A
1/3/2019	CHFMXN	3:30:00 PM					N/A
1/4/2019	CHFMXN	9:30:00 AM					N/A
1/4/2019	CHFMXN	11:30:00 AM					N/A
1/4/2019	CHFMXN	1:30:00 PM					N/A
1/4/2019	CHFMXN	3:30:00 PM					N/A
1/7/2019	CHFMXN	9:30:00 AM	19.7088	19.7175			N/A
1/7/2019	CHFMXN	11:30:00 AM					N/A
1/7/2019	CHFMXN	1:30:00 PM	19.7992	19.8087			N/A
1/7/2019	CHFMXN	3:30:00 PM	19.6959	19.7083			N/A
1/8/2019	CHFMXN	9:30:00 AM	19.7963	19.8035			N/A
1/8/2019	CHFMXN	11:30:00 AM	19.7156	19.7286			N/A
1/8/2019	CHFMXN	1:30:00 PM	19.7704	19.7847			N/A
1/8/2019	CHFMXN	3:30:00 PM	19.7186	19.7253			N/A
1/9/2019	CHFMXN	9:30:00 AM	19.6701	19.6849			N/A
1/9/2019	CHFMXN	11:30:00 AM					N/A
1/9/2019	CHFMXN	1:30:00 PM	19.7399	19.7505			N/A

1/9/2019	CHFMXN	3:30:00 PM	19.672	19.6824			N/A
1/10/2019	CHFMXN	9:30:00 AM	19.7671	19.7768			N/A
1/10/2019	CHFMXN	11:30:00 AM	19.725	19.7401			N/A
1/10/2019	CHFMXN	1:30:00 PM	19.6924	19.7049			N/A
1/10/2019	CHFMXN	3:30:00 PM	19.5944	19.5963			N/A
1/11/2019	CHFMXN	9:30:00 AM	19.4217	19.4384			N/A
1/11/2019	CHFMXN	11:30:00 AM					N/A
1/11/2019	CHFMXN	1:30:00 PM	19.4147	19.4271			N/A
1/11/2019	CHFMXN	3:30:00 PM	19.4657	19.4704			N/A
1/14/2019	CHFMXN	9:30:00 AM	19.4973	19.5102			N/A
1/14/2019	CHFMXN	11:30:00 AM	19.4914	19.4994			N/A
1/14/2019	CHFMXN	1:30:00 PM	19.5106	19.526			N/A
1/14/2019	CHFMXN	3:30:00 PM	19.486	19.501			N/A
1/15/2019	CHFMXN	9:30:00 AM	19.3333	19.3457			N/A
1/15/2019	CHFMXN	11:30:00 AM					N/A
1/15/2019	CHFMXN	1:30:00 PM	19.2344	19.2472			N/A
1/15/2019	CHFMXN	3:30:00 PM	19.2734	19.2802			N/A
1/16/2019	CHFMXN	9:30:00 AM	19.1763	19.1876			N/A
1/16/2019	CHFMXN	11:30:00 AM	19.2241	19.24			N/A
1/16/2019	CHFMXN	1:30:00 PM	19.2192	19.2322			N/A
1/16/2019	CHFMXN	3:30:00 PM	19.2093	19.2217			N/A
1/17/2019	CHFMXN	9:30:00 AM	19.094	19.1074			N/A
1/17/2019	CHFMXN	11:30:00 AM					N/A
1/17/2019	CHFMXN	1:30:00 PM	19.0721	19.085			N/A
1/17/2019	CHFMXN	3:30:00 PM	19.1464	19.1512			N/A
1/18/2019	CHFMXN	9:30:00 AM	19.1013	19.1124			N/A
1/18/2019	CHFMXN	11:30:00 AM	19.1719	19.18			N/A
1/18/2019	CHFMXN	1:30:00 PM	19.1928	19.1974			N/A
1/18/2019	CHFMXN	3:30:00 PM	19.1251	19.1344			N/A
1/21/2019	CHFMXN	9:30:00 AM	19.2238	19.2406			N/A
1/21/2019	CHFMXN	11:30:00 AM					N/A
1/21/2019	CHFMXN	1:30:00 PM	19.1955	19.2088			N/A
1/21/2019	CHFMXN	3:30:00 PM	19.1824	19.1957			N/A
1/22/2019	CHFMXN	9:30:00 AM	19.2674	19.2742			N/A
1/22/2019	CHFMXN	11:30:00 AM	19.274	19.2849			N/A
1/22/2019	CHFMXN	1:30:00 PM	19.2852	19.2973			N/A
1/22/2019	CHFMXN	3:30:00 PM	19.1907	19.1961			N/A
1/23/2019	CHFMXN	9:30:00 AM	19.1727	19.1889			N/A
1/23/2019	CHFMXN	11:30:00 AM					N/A
1/23/2019	CHFMXN	1:30:00 PM	19.1472	19.1627			N/A
1/23/2019	CHFMXN	3:30:00 PM	19.1728	19.1854			N/A
1/24/2019	CHFMXN	9:30:00 AM	19.1659	19.1816			N/A
1/24/2019	CHFMXN	11:30:00 AM	19.1692	19.1824			N/A
1/24/2019	CHFMXN	1:30:00 PM	19.1249	19.1373			N/A
1/24/2019	CHFMXN	3:30:00 PM	19.1371	19.1513			N/A
1/25/2019	CHFMXN	9:30:00 AM	19.0531	19.0691			N/A
1/25/2019	CHFMXN	11:30:00 AM					N/A
1/25/2019	CHFMXN	1:30:00 PM	19.027	19.0415			N/A
1/25/2019	CHFMXN	3:30:00 PM	18.9672	18.982			N/A
1/28/2019	CHFMXN	9:30:00 AM	19.1605	19.1689			N/A

1/28/2019	CHFMXN	11:30:00 AM	19.1952	19.2088			N/A
1/28/2019	CHFMXN	1:30:00 PM	19.1856	19.1955			N/A
1/28/2019	CHFMXN	3:30:00 PM	19.1742	19.1824			N/A
1/29/2019	CHFMXN	9:30:00 AM	19.1804	19.1983			N/A
1/29/2019	CHFMXN	11:30:00 AM					N/A
1/29/2019	CHFMXN	1:30:00 PM	19.1508	19.1588			N/A
1/29/2019	CHFMXN	3:30:00 PM	19.1057	19.111			N/A
1/30/2019	CHFMXN	9:30:00 AM	19.1793	19.1941			N/A
1/30/2019	CHFMXN	11:30:00 AM	19.1436	19.1486			N/A
1/30/2019	CHFMXN	1:30:00 PM	19.1764	19.1905			N/A
1/30/2019	CHFMXN	3:30:00 PM	19.1601	19.1721			N/A
1/31/2019	CHFMXN	9:30:00 AM	19.2553	19.2547			N/A
1/31/2019	CHFMXN	11:30:00 AM					N/A
1/31/2019	CHFMXN	1:30:00 PM	19.2748	19.2858			N/A
1/31/2019	CHFMXN	3:30:00 PM	19.1607	19.1645			N/A
2/1/2019	CHFMXN	9:30:00 AM	19.2569	19.2728			N/A
2/1/2019	CHFMXN	11:30:00 AM	19.2355	19.2428			N/A
2/1/2019	CHFMXN	1:30:00 PM	19.2417	19.2514			N/A
2/1/2019	CHFMXN	3:30:00 PM	19.2377	19.2408			N/A
2/4/2019	CHFMXN	9:30:00 AM	19.1758	19.1892			N/A
2/4/2019	CHFMXN	11:30:00 AM					N/A
2/4/2019	CHFMXN	1:30:00 PM	19.19	19.2031			N/A
2/4/2019	CHFMXN	3:30:00 PM	19.2098	19.2226			N/A
2/5/2019	CHFMXN	9:30:00 AM	19.0726	19.0857			N/A
2/5/2019	CHFMXN	11:30:00 AM	19.033	19.0416			N/A
2/5/2019	CHFMXN	1:30:00 PM	19.0138	19.0301			N/A
2/5/2019	CHFMXN	3:30:00 PM	19.0199	19.0324			N/A
2/6/2019	CHFMXN	9:30:00 AM	19.0683	19.0773			N/A
2/6/2019	CHFMXN	11:30:00 AM					N/A
2/6/2019	CHFMXN	1:30:00 PM	19.0866	19.103			N/A
2/6/2019	CHFMXN	3:30:00 PM	19.1308	19.1425			N/A
2/7/2019	CHFMXN	9:30:00 AM	19.0852	19.1019			N/A
2/7/2019	CHFMXN	11:30:00 AM	19.0801	19.0927			N/A
2/7/2019	CHFMXN	1:30:00 PM	19.1271	19.1391			N/A
2/7/2019	CHFMXN	3:30:00 PM	19.1083	19.1219			N/A
2/8/2019	CHFMXN	9:30:00 AM	19.0637	19.0791			N/A
2/8/2019	CHFMXN	11:30:00 AM					N/A
2/8/2019	CHFMXN	1:30:00 PM	19.0294	19.0455			N/A
2/8/2019	CHFMXN	3:30:00 PM	19.023	19.0299			N/A
2/11/2019	CHFMXN	9:30:00 AM	19.0794	19.0937			N/A
2/11/2019	CHFMXN	11:30:00 AM	19.0808	19.0936			N/A
2/11/2019	CHFMXN	1:30:00 PM	19.0525	19.0688			N/A
2/11/2019	CHFMXN	3:30:00 PM	19.0174	19.0282			N/A
2/12/2019	CHFMXN	9:30:00 AM	19.1885	19.2034			N/A
2/12/2019	CHFMXN	11:30:00 AM					N/A
2/12/2019	CHFMXN	1:30:00 PM	19.0865	19.103			N/A
2/12/2019	CHFMXN	3:30:00 PM	19.069	19.0741			N/A
2/13/2019	CHFMXN	9:30:00 AM	19.1084	19.1233			N/A
2/13/2019	CHFMXN	11:30:00 AM	19.14	19.1562			N/A
2/13/2019	CHFMXN	1:30:00 PM	19.1949	19.2067			N/A

2/13/2019	CHFMXN	3:30:00 PM	19.2453	19.2514			N/A
2/14/2019	CHFMXN	9:30:00 AM	19.213	19.2225			N/A
2/14/2019	CHFMXN	11:30:00 AM					N/A
2/14/2019	CHFMXN	1:30:00 PM	19.2514	19.2662			N/A
2/14/2019	CHFMXN	3:30:00 PM	19.2309	19.247			N/A
2/15/2019	CHFMXN	9:30:00 AM					N/A
2/15/2019	CHFMXN	11:30:00 AM					N/A
2/15/2019	CHFMXN	1:30:00 PM					N/A
2/15/2019	CHFMXN	3:30:00 PM					N/A
2/18/2019	CHFMXN	9:30:00 AM	19.1618	19.175			N/A
2/18/2019	CHFMXN	11:30:00 AM					N/A
2/18/2019	CHFMXN	1:30:00 PM	19.1524	19.1653			N/A
2/18/2019	CHFMXN	3:30:00 PM	19.2073	19.2202			N/A
2/19/2019	CHFMXN	9:30:00 AM	19.159	19.1747			N/A
2/19/2019	CHFMXN	11:30:00 AM	19.1928	19.2019			N/A
2/19/2019	CHFMXN	1:30:00 PM	19.1539	19.1631			N/A
2/19/2019	CHFMXN	3:30:00 PM	19.1068	19.1208			N/A
2/20/2019	CHFMXN	9:30:00 AM	19.1122	19.1241			N/A
2/20/2019	CHFMXN	11:30:00 AM					N/A
2/20/2019	CHFMXN	1:30:00 PM	19.151	19.1617			N/A
2/20/2019	CHFMXN	3:30:00 PM	19.157	19.1647			N/A
2/21/2019	CHFMXN	9:30:00 AM	19.2116	19.227			N/A
2/21/2019	CHFMXN	11:30:00 AM	19.1992	19.215			N/A
2/21/2019	CHFMXN	1:30:00 PM	19.1702	19.1857			N/A
2/21/2019	CHFMXN	3:30:00 PM	19.2081	19.221			N/A
2/22/2019	CHFMXN	9:30:00 AM	19.2422	19.2553			N/A
2/22/2019	CHFMXN	11:30:00 AM					N/A
2/22/2019	CHFMXN	1:30:00 PM	19.2304	19.2453			N/A
2/22/2019	CHFMXN	3:30:00 PM	19.1834	19.1905			N/A
2/25/2019	CHFMXN	9:30:00 AM	19.1128	19.1307			N/A
2/25/2019	CHFMXN	11:30:00 AM	19.1027	19.1173			N/A
2/25/2019	CHFMXN	1:30:00 PM	19.0647	19.0822			N/A
2/25/2019	CHFMXN	3:30:00 PM	19.0767	19.0923			N/A
2/26/2019	CHFMXN	9:30:00 AM	19.1467	19.1608			N/A
2/26/2019	CHFMXN	11:30:00 AM					N/A
2/26/2019	CHFMXN	1:30:00 PM	19.1013	19.1182			N/A
2/26/2019	CHFMXN	3:30:00 PM	19.0881	19.1004			N/A
2/27/2019	CHFMXN	9:30:00 AM	19.188	19.2032			N/A
2/27/2019	CHFMXN	11:30:00 AM	19.1957	19.2106			N/A
2/27/2019	CHFMXN	1:30:00 PM	19.2318	19.2484			N/A
2/27/2019	CHFMXN	3:30:00 PM	19.1893	19.199			N/A
2/28/2019	CHFMXN	9:30:00 AM	19.234	19.2474			N/A
2/28/2019	CHFMXN	11:30:00 AM					N/A
2/28/2019	CHFMXN	1:30:00 PM	19.2824	19.2953			N/A
2/28/2019	CHFMXN	3:30:00 PM	19.281	19.2858			N/A
3/1/2019	CHFMXN	9:30:00 AM	19.3087	19.3257			N/A
3/1/2019	CHFMXN	11:30:00 AM	19.2595	19.2754			N/A
3/1/2019	CHFMXN	1:30:00 PM	19.2805	19.294			N/A
3/1/2019	CHFMXN	3:30:00 PM	19.3481	19.3591			N/A
3/4/2019	CHFMXN	9:30:00 AM	19.2827	19.3005			N/A

3/4/2019	CHFMXN	11:30:00 AM					N/A
3/4/2019	CHFMXN	1:30:00 PM	19.3357	19.3485			N/A
3/4/2019	CHFMXN	3:30:00 PM	19.3315	19.3441			N/A
3/5/2019	CHFMXN	9:30:00 AM	19.2878	19.2993			N/A
3/5/2019	CHFMXN	11:30:00 AM	19.2596	19.272			N/A
3/5/2019	CHFMXN	1:30:00 PM	19.2423	19.2578			N/A
3/5/2019	CHFMXN	3:30:00 PM	19.2639	19.2773			N/A
3/6/2019	CHFMXN	9:30:00 AM	19.1775	19.1898			N/A
3/6/2019	CHFMXN	11:30:00 AM					N/A
3/6/2019	CHFMXN	1:30:00 PM	19.1726	19.1886			N/A
3/6/2019	CHFMXN	3:30:00 PM	19.1952	19.2059			N/A
3/7/2019	CHFMXN	9:30:00 AM	19.2512	19.2661			N/A
3/7/2019	CHFMXN	11:30:00 AM	19.2723	19.2861			N/A
3/7/2019	CHFMXN	1:30:00 PM	19.3077	19.3205			N/A
3/7/2019	CHFMXN	3:30:00 PM	19.2205	19.2291			N/A
3/8/2019	CHFMXN	9:30:00 AM	19.3943	19.4045			N/A
3/8/2019	CHFMXN	11:30:00 AM					N/A
3/8/2019	CHFMXN	1:30:00 PM	19.3503	19.3605			N/A
3/8/2019	CHFMXN	3:30:00 PM	19.3992	19.4108			N/A
3/11/2019	CHFMXN	9:30:00 AM	19.3409	19.3538			N/A
3/11/2019	CHFMXN	11:30:00 AM	19.3326	19.348			N/A
3/11/2019	CHFMXN	1:30:00 PM	19.3029	19.3128			N/A
3/11/2019	CHFMXN	3:30:00 PM	19.2182	19.2323			N/A
3/12/2019	CHFMXN	9:30:00 AM	19.1534	19.1676			N/A
3/12/2019	CHFMXN	11:30:00 AM					N/A
3/12/2019	CHFMXN	1:30:00 PM	19.2348	19.2475			N/A
3/12/2019	CHFMXN	3:30:00 PM	19.1377	19.148			N/A
3/13/2019	CHFMXN	9:30:00 AM	19.1946	19.2097			N/A
3/13/2019	CHFMXN	11:30:00 AM	19.1968	19.2105			N/A
3/13/2019	CHFMXN	1:30:00 PM	19.1789	19.1878			N/A
3/13/2019	CHFMXN	3:30:00 PM	19.1677	19.1771			N/A
3/14/2019	CHFMXN	9:30:00 AM	19.2228	19.2358			N/A
3/14/2019	CHFMXN	11:30:00 AM					N/A
3/14/2019	CHFMXN	1:30:00 PM	19.2162	19.2164			N/A
3/14/2019	CHFMXN	3:30:00 PM	19.2645	19.2744			N/A
3/15/2019	CHFMXN	9:30:00 AM	19.246	19.2617			N/A
3/15/2019	CHFMXN	11:30:00 AM	19.1945	19.2084			N/A
3/15/2019	CHFMXN	1:30:00 PM	19.1737	19.1842			N/A
3/15/2019	CHFMXN	3:30:00 PM	19.1252	19.134			N/A
3/18/2019	CHFMXN	9:30:00 AM	19.1586	19.1747			N/A
3/18/2019	CHFMXN	11:30:00 AM					N/A
3/18/2019	CHFMXN	1:30:00 PM	19.1585	19.1692			N/A
3/18/2019	CHFMXN	3:30:00 PM	19.1256	19.1368			N/A
3/19/2019	CHFMXN	9:30:00 AM	19.0612	19.0786			N/A
3/19/2019	CHFMXN	11:30:00 AM	19.0348	19.0503			N/A
3/19/2019	CHFMXN	1:30:00 PM	19.0228	19.0393			N/A
3/19/2019	CHFMXN	3:30:00 PM	19.0105	19.0249			N/A
3/20/2019	CHFMXN	9:30:00 AM	19.0026	19.0153			N/A
3/20/2019	CHFMXN	11:30:00 AM					N/A
3/20/2019	CHFMXN	1:30:00 PM	19.0039	19.0157			N/A

3/20/2019	CHFMXN	3:30:00 PM	18.9614	18.973			N/A
3/21/2019	CHFMXN	9:30:00 AM	18.9351	18.9522			N/A
3/21/2019	CHFMXN	11:30:00 AM	18.921	18.9342			N/A
3/21/2019	CHFMXN	1:30:00 PM	18.9215	18.935			N/A
3/21/2019	CHFMXN	3:30:00 PM	18.9442	18.9552			N/A
3/22/2019	CHFMXN	9:30:00 AM	18.9858	19.0009			N/A
3/22/2019	CHFMXN	11:30:00 AM					N/A
3/22/2019	CHFMXN	1:30:00 PM	19.0852	19.0958			N/A
3/22/2019	CHFMXN	3:30:00 PM	19.072	19.0843			N/A
3/25/2019	CHFMXN	9:30:00 AM	19.2397	19.2471			N/A
3/25/2019	CHFMXN	11:30:00 AM	19.1979	19.2107			N/A
3/25/2019	CHFMXN	1:30:00 PM	19.2392	19.246			N/A
3/25/2019	CHFMXN	3:30:00 PM	19.2337	19.2438			N/A
3/26/2019	CHFMXN	9:30:00 AM	19.1602	19.1749			N/A
3/26/2019	CHFMXN	11:30:00 AM					N/A
3/26/2019	CHFMXN	1:30:00 PM	19.1337	19.1475			N/A
3/26/2019	CHFMXN	3:30:00 PM	19.1479	19.1558			N/A
3/27/2019	CHFMXN	9:30:00 AM	19.2195	19.2319			N/A
3/27/2019	CHFMXN	11:30:00 AM	19.2766	19.2912			N/A
3/27/2019	CHFMXN	1:30:00 PM	19.4166	19.4183			N/A
3/27/2019	CHFMXN	3:30:00 PM	19.3658	19.3763			N/A
3/28/2019	CHFMXN	9:30:00 AM	19.4505	19.4668			N/A
3/28/2019	CHFMXN	11:30:00 AM					N/A
3/28/2019	CHFMXN	1:30:00 PM	19.5058	19.5155			N/A
3/28/2019	CHFMXN	3:30:00 PM	19.4643	19.4687			N/A
3/29/2019	CHFMXN	9:30:00 AM	19.4031	19.4183			N/A
3/29/2019	CHFMXN	11:30:00 AM	19.4033	19.4155			N/A
3/29/2019	CHFMXN	1:30:00 PM	19.364	19.3796			N/A
3/29/2019	CHFMXN	3:30:00 PM	19.4283	19.4407			N/A
1/1/2019	CHFNOK	9:30:00 AM					N/A
1/1/2019	CHFNOK	11:30:00 AM					N/A
1/1/2019	CHFNOK	1:30:00 PM					N/A
1/1/2019	CHFNOK	3:30:00 PM					N/A
1/2/2019	CHFNOK	9:30:00 AM					N/A
1/2/2019	CHFNOK	11:30:00 AM					N/A
1/2/2019	CHFNOK	1:30:00 PM					N/A
1/2/2019	CHFNOK	3:30:00 PM					N/A
1/3/2019	CHFNOK	9:30:00 AM					N/A
1/3/2019	CHFNOK	11:30:00 AM					N/A
1/3/2019	CHFNOK	1:30:00 PM					N/A
1/3/2019	CHFNOK	3:30:00 PM					N/A
1/4/2019	CHFNOK	9:30:00 AM					N/A
1/4/2019	CHFNOK	11:30:00 AM					N/A
1/4/2019	CHFNOK	1:30:00 PM					N/A
1/4/2019	CHFNOK	3:30:00 PM					N/A
1/7/2019	CHFNOK	9:30:00 AM	8.7224	8.7289			N/A
1/7/2019	CHFNOK	11:30:00 AM					N/A
1/7/2019	CHFNOK	1:30:00 PM	8.7362	8.7411			N/A
1/7/2019	CHFNOK	3:30:00 PM	8.7259	8.7336			N/A
1/8/2019	CHFNOK	9:30:00 AM	8.7115	8.7181			N/A

1/8/2019	CHFNOK	11:30:00 AM	8.7086	8.7156			N/A
1/8/2019	CHFNOK	1:30:00 PM	8.6996	8.7062			N/A
1/8/2019	CHFNOK	3:30:00 PM	8.6973	8.7056			N/A
1/9/2019	CHFNOK	9:30:00 AM	8.6926	8.6988			N/A
1/9/2019	CHFNOK	11:30:00 AM					N/A
1/9/2019	CHFNOK	1:30:00 PM	8.7037	8.7085			N/A
1/9/2019	CHFNOK	3:30:00 PM	8.6907	8.6992			N/A
1/10/2019	CHFNOK	9:30:00 AM	8.7012	8.7074			N/A
1/10/2019	CHFNOK	11:30:00 AM	8.6799	8.6871			N/A
1/10/2019	CHFNOK	1:30:00 PM	8.6679	8.6734			N/A
1/10/2019	CHFNOK	3:30:00 PM	8.6354	8.6418			N/A
1/11/2019	CHFNOK	9:30:00 AM	8.6067	8.6145			N/A
1/11/2019	CHFNOK	11:30:00 AM					N/A
1/11/2019	CHFNOK	1:30:00 PM	8.6049	8.6128			N/A
1/11/2019	CHFNOK	3:30:00 PM	8.6143	8.6194			N/A
1/14/2019	CHFNOK	9:30:00 AM	8.6993	8.7051			N/A
1/14/2019	CHFNOK	11:30:00 AM	8.6972	8.7002			N/A
1/14/2019	CHFNOK	1:30:00 PM	8.6967	8.7035			N/A
1/14/2019	CHFNOK	3:30:00 PM	8.6907	8.6984			N/A
1/15/2019	CHFNOK	9:30:00 AM	8.6904	8.697			N/A
1/15/2019	CHFNOK	11:30:00 AM					N/A
1/15/2019	CHFNOK	1:30:00 PM	8.6549	8.6614			N/A
1/15/2019	CHFNOK	3:30:00 PM	8.6606	8.6661			N/A
1/16/2019	CHFNOK	9:30:00 AM	8.6318	8.6363			N/A
1/16/2019	CHFNOK	11:30:00 AM	8.6254	8.6329			N/A
1/16/2019	CHFNOK	1:30:00 PM	8.634	8.6408			N/A
1/16/2019	CHFNOK	3:30:00 PM	8.6422	8.6499			N/A
1/17/2019	CHFNOK	9:30:00 AM	8.636	8.6418			N/A
1/17/2019	CHFNOK	11:30:00 AM					N/A
1/17/2019	CHFNOK	1:30:00 PM	8.6253	8.6327			N/A
1/17/2019	CHFNOK	3:30:00 PM	8.6231	8.6288			N/A
1/18/2019	CHFNOK	9:30:00 AM	8.5858	8.593			N/A
1/18/2019	CHFNOK	11:30:00 AM	8.5787	8.586			N/A
1/18/2019	CHFNOK	1:30:00 PM	8.58	8.5875			N/A
1/18/2019	CHFNOK	3:30:00 PM	8.5745	8.5809			N/A
1/21/2019	CHFNOK	9:30:00 AM	8.5896	8.5979			N/A
1/21/2019	CHFNOK	11:30:00 AM					N/A
1/21/2019	CHFNOK	1:30:00 PM	8.5814	8.5891			N/A
1/21/2019	CHFNOK	3:30:00 PM	8.5892	8.5969			N/A
1/22/2019	CHFNOK	9:30:00 AM	8.6124	8.6196			N/A
1/22/2019	CHFNOK	11:30:00 AM	8.6066	8.6148			N/A
1/22/2019	CHFNOK	1:30:00 PM	8.6226	8.6311			N/A
1/22/2019	CHFNOK	3:30:00 PM	8.6122	8.618			N/A
1/23/2019	CHFNOK	9:30:00 AM	8.6005	8.608			N/A
1/23/2019	CHFNOK	11:30:00 AM					N/A
1/23/2019	CHFNOK	1:30:00 PM	8.6104	8.6174			N/A
1/23/2019	CHFNOK	3:30:00 PM	8.6018	8.6088			N/A
1/24/2019	CHFNOK	9:30:00 AM	8.6158	8.6235			N/A
1/24/2019	CHFNOK	11:30:00 AM	8.6113	8.6174			N/A
1/24/2019	CHFNOK	1:30:00 PM	8.6062	8.6129			N/A

1/24/2019	CHFNOK	3:30:00 PM	8.6197	8.627			N/A
1/25/2019	CHFNOK	9:30:00 AM	8.5962	8.6031			N/A
1/25/2019	CHFNOK	11:30:00 AM					N/A
1/25/2019	CHFNOK	1:30:00 PM	8.5843	8.5912			N/A
1/25/2019	CHFNOK	3:30:00 PM	8.5772	8.5846			N/A
1/28/2019	CHFNOK	9:30:00 AM	8.5764	8.5845			N/A
1/28/2019	CHFNOK	11:30:00 AM	8.5915	8.5973			N/A
1/28/2019	CHFNOK	1:30:00 PM	8.5835	8.5917			N/A
1/28/2019	CHFNOK	3:30:00 PM	8.5875	8.5957			N/A
1/29/2019	CHFNOK	9:30:00 AM	8.5632	8.5692			N/A
1/29/2019	CHFNOK	11:30:00 AM					N/A
1/29/2019	CHFNOK	1:30:00 PM	8.5508	8.5576			N/A
1/29/2019	CHFNOK	3:30:00 PM	8.5448	8.5517			N/A
1/30/2019	CHFNOK	9:30:00 AM	8.5227	8.5306			N/A
1/30/2019	CHFNOK	11:30:00 AM	8.5295	8.5372			N/A
1/30/2019	CHFNOK	1:30:00 PM	8.5137	8.5214			N/A
1/30/2019	CHFNOK	3:30:00 PM	8.4997	8.5063			N/A
1/31/2019	CHFNOK	9:30:00 AM	8.4674	8.473			N/A
1/31/2019	CHFNOK	11:30:00 AM					N/A
1/31/2019	CHFNOK	1:30:00 PM	8.4669	8.4747			N/A
1/31/2019	CHFNOK	3:30:00 PM	8.4689	8.471			N/A
2/1/2019	CHFNOK	9:30:00 AM	8.4829	8.4882			N/A
2/1/2019	CHFNOK	11:30:00 AM	8.4926	8.4985			N/A
2/1/2019	CHFNOK	1:30:00 PM	8.487	8.4947			N/A
2/1/2019	CHFNOK	3:30:00 PM	8.4773	8.4802			N/A
2/4/2019	CHFNOK	9:30:00 AM	8.4696	8.4771			N/A
2/4/2019	CHFNOK	11:30:00 AM					N/A
2/4/2019	CHFNOK	1:30:00 PM	8.4835	8.4899			N/A
2/4/2019	CHFNOK	3:30:00 PM	8.4934	8.4993			N/A
2/5/2019	CHFNOK	9:30:00 AM	8.4722	8.4794			N/A
2/5/2019	CHFNOK	11:30:00 AM	8.4667	8.473			N/A
2/5/2019	CHFNOK	1:30:00 PM	8.4549	8.4607			N/A
2/5/2019	CHFNOK	3:30:00 PM	8.4611	8.4672			N/A
2/6/2019	CHFNOK	9:30:00 AM	8.4874	8.4947			N/A
2/6/2019	CHFNOK	11:30:00 AM					N/A
2/6/2019	CHFNOK	1:30:00 PM	8.5076	8.5152			N/A
2/6/2019	CHFNOK	3:30:00 PM	8.5057	8.5122			N/A
2/7/2019	CHFNOK	9:30:00 AM	8.5318	8.5391			N/A
2/7/2019	CHFNOK	11:30:00 AM	8.5432	8.5514			N/A
2/7/2019	CHFNOK	1:30:00 PM	8.5634	8.5708			N/A
2/7/2019	CHFNOK	3:30:00 PM	8.5634	8.57			N/A
2/8/2019	CHFNOK	9:30:00 AM	8.5815	8.5875			N/A
2/8/2019	CHFNOK	11:30:00 AM					N/A
2/8/2019	CHFNOK	1:30:00 PM	8.5928	8.601			N/A
2/8/2019	CHFNOK	3:30:00 PM	8.5963	8.5977			N/A
2/11/2019	CHFNOK	9:30:00 AM	8.6782	8.6845			N/A
2/11/2019	CHFNOK	11:30:00 AM	8.6626	8.6683			N/A
2/11/2019	CHFNOK	1:30:00 PM	8.6474	8.6544			N/A
2/11/2019	CHFNOK	3:30:00 PM	8.6454	8.652			N/A
2/12/2019	CHFNOK	9:30:00 AM	8.6559	8.6613			N/A

2/12/2019	CHFNOK	11:30:00 AM					N/A
2/12/2019	CHFNOK	1:30:00 PM	8.6118	8.6188			N/A
2/12/2019	CHFNOK	3:30:00 PM	8.6009	8.6035			N/A
2/13/2019	CHFNOK	9:30:00 AM	8.5732	8.5805			N/A
2/13/2019	CHFNOK	11:30:00 AM	8.5752	8.5816			N/A
2/13/2019	CHFNOK	1:30:00 PM	8.5808	8.5873			N/A
2/13/2019	CHFNOK	3:30:00 PM	8.584	8.5903			N/A
2/14/2019	CHFNOK	9:30:00 AM	8.5578	8.5631			N/A
2/14/2019	CHFNOK	11:30:00 AM					N/A
2/14/2019	CHFNOK	1:30:00 PM	8.5803	8.5868			N/A
2/14/2019	CHFNOK	3:30:00 PM	8.5836	8.5892			N/A
2/15/2019	CHFNOK	9:30:00 AM					N/A
2/15/2019	CHFNOK	11:30:00 AM					N/A
2/15/2019	CHFNOK	1:30:00 PM					N/A
2/15/2019	CHFNOK	3:30:00 PM					N/A
2/18/2019	CHFNOK	9:30:00 AM	8.5874	8.5942			N/A
2/18/2019	CHFNOK	11:30:00 AM					N/A
2/18/2019	CHFNOK	1:30:00 PM	8.5847	8.5914			N/A
2/18/2019	CHFNOK	3:30:00 PM	8.5825	8.5901			N/A
2/19/2019	CHFNOK	9:30:00 AM	8.5667	8.5742			N/A
2/19/2019	CHFNOK	11:30:00 AM	8.583	8.5891			N/A
2/19/2019	CHFNOK	1:30:00 PM	8.5835	8.5894			N/A
2/19/2019	CHFNOK	3:30:00 PM	8.5823	8.5896			N/A
2/20/2019	CHFNOK	9:30:00 AM	8.5603	8.5667			N/A
2/20/2019	CHFNOK	11:30:00 AM					N/A
2/20/2019	CHFNOK	1:30:00 PM	8.5726	8.5804			N/A
2/20/2019	CHFNOK	3:30:00 PM	8.5831	8.5893			N/A
2/21/2019	CHFNOK	9:30:00 AM	8.5965	8.5997			N/A
2/21/2019	CHFNOK	11:30:00 AM	8.619	8.6247			N/A
2/21/2019	CHFNOK	1:30:00 PM	8.6051	8.6118			N/A
2/21/2019	CHFNOK	3:30:00 PM	8.6075	8.6129			N/A
2/22/2019	CHFNOK	9:30:00 AM	8.6058	8.6136			N/A
2/22/2019	CHFNOK	11:30:00 AM					N/A
2/22/2019	CHFNOK	1:30:00 PM	8.6117	8.6197			N/A
2/22/2019	CHFNOK	3:30:00 PM	8.6019	8.6094			N/A
2/25/2019	CHFNOK	9:30:00 AM	8.5871	8.5945			N/A
2/25/2019	CHFNOK	11:30:00 AM	8.5854	8.593			N/A
2/25/2019	CHFNOK	1:30:00 PM	8.5771	8.585			N/A
2/25/2019	CHFNOK	3:30:00 PM	8.5973	8.6039			N/A
2/26/2019	CHFNOK	9:30:00 AM	8.604	8.6104			N/A
2/26/2019	CHFNOK	11:30:00 AM					N/A
2/26/2019	CHFNOK	1:30:00 PM	8.5998	8.6073			N/A
2/26/2019	CHFNOK	3:30:00 PM	8.5872	8.595			N/A
2/27/2019	CHFNOK	9:30:00 AM	8.5625	8.5701			N/A
2/27/2019	CHFNOK	11:30:00 AM	8.5608	8.5675			N/A
2/27/2019	CHFNOK	1:30:00 PM	8.5507	8.5589			N/A
2/27/2019	CHFNOK	3:30:00 PM	8.5458	8.5528			N/A
2/28/2019	CHFNOK	9:30:00 AM	8.5765	8.5816			N/A
2/28/2019	CHFNOK	11:30:00 AM					N/A
2/28/2019	CHFNOK	1:30:00 PM	8.5733	8.5802			N/A

2/28/2019	CHFNOK	3:30:00 PM	8.5738	8.5782			N/A
3/1/2019	CHFNOK	9:30:00 AM	8.5712	8.574			N/A
3/1/2019	CHFNOK	11:30:00 AM	8.5567	8.564			N/A
3/1/2019	CHFNOK	1:30:00 PM	8.5589	8.5656			N/A
3/1/2019	CHFNOK	3:30:00 PM	8.5629	8.5697			N/A
3/4/2019	CHFNOK	9:30:00 AM	8.5781	8.586			N/A
3/4/2019	CHFNOK	11:30:00 AM					N/A
3/4/2019	CHFNOK	1:30:00 PM	8.5985	8.6051			N/A
3/4/2019	CHFNOK	3:30:00 PM	8.6068	8.613			N/A
3/5/2019	CHFNOK	9:30:00 AM	8.6686	8.6757			N/A
3/5/2019	CHFNOK	11:30:00 AM	8.6454	8.6513			N/A
3/5/2019	CHFNOK	1:30:00 PM	8.6464	8.6533			N/A
3/5/2019	CHFNOK	3:30:00 PM	8.6453	8.6506			N/A
3/6/2019	CHFNOK	9:30:00 AM	8.6352	8.6418			N/A
3/6/2019	CHFNOK	11:30:00 AM					N/A
3/6/2019	CHFNOK	1:30:00 PM	8.6453	8.6525			N/A
3/6/2019	CHFNOK	3:30:00 PM	8.6388	8.6419			N/A
3/7/2019	CHFNOK	9:30:00 AM	8.6211	8.6295			N/A
3/7/2019	CHFNOK	11:30:00 AM	8.6194	8.627			N/A
3/7/2019	CHFNOK	1:30:00 PM	8.6273	8.6346			N/A
3/7/2019	CHFNOK	3:30:00 PM	8.6212	8.6281			N/A
3/8/2019	CHFNOK	9:30:00 AM	8.7176	8.7241			N/A
3/8/2019	CHFNOK	11:30:00 AM					N/A
3/8/2019	CHFNOK	1:30:00 PM	8.7002	8.7065			N/A
3/8/2019	CHFNOK	3:30:00 PM	8.7172	8.7153			N/A
3/11/2019	CHFNOK	9:30:00 AM	8.6298	8.6359			N/A
3/11/2019	CHFNOK	11:30:00 AM	8.6255	8.6318			N/A
3/11/2019	CHFNOK	1:30:00 PM	8.6056	8.6131			N/A
3/11/2019	CHFNOK	3:30:00 PM	8.5971	8.6043			N/A
3/12/2019	CHFNOK	9:30:00 AM	8.5621	8.5698			N/A
3/12/2019	CHFNOK	11:30:00 AM					N/A
3/12/2019	CHFNOK	1:30:00 PM	8.5813	8.5885			N/A
3/12/2019	CHFNOK	3:30:00 PM	8.5625	8.5693			N/A
3/13/2019	CHFNOK	9:30:00 AM	8.5664	8.5737			N/A
3/13/2019	CHFNOK	11:30:00 AM	8.5583	8.5659			N/A
3/13/2019	CHFNOK	1:30:00 PM	8.5557	8.5635			N/A
3/13/2019	CHFNOK	3:30:00 PM	8.5489	8.5559			N/A
3/14/2019	CHFNOK	9:30:00 AM	8.5304	8.5381			N/A
3/14/2019	CHFNOK	11:30:00 AM					N/A
3/14/2019	CHFNOK	1:30:00 PM	8.5662	8.5724			N/A
3/14/2019	CHFNOK	3:30:00 PM	8.5523	8.5592			N/A
3/15/2019	CHFNOK	9:30:00 AM	8.533	8.541			N/A
3/15/2019	CHFNOK	11:30:00 AM	8.5248	8.5321			N/A
3/15/2019	CHFNOK	1:30:00 PM	8.5093	8.5169			N/A
3/15/2019	CHFNOK	3:30:00 PM	8.5254	8.5302			N/A
3/18/2019	CHFNOK	9:30:00 AM	8.5022	8.51			N/A
3/18/2019	CHFNOK	11:30:00 AM					N/A
3/18/2019	CHFNOK	1:30:00 PM	8.5135	8.5199			N/A
3/18/2019	CHFNOK	3:30:00 PM	8.5146	8.5205			N/A
3/19/2019	CHFNOK	9:30:00 AM	8.5486	8.5549			N/A

3/19/2019	CHFNOK	11:30:00 AM	8.5434	8.5512			N/A
3/19/2019	CHFNOK	1:30:00 PM	8.5262	8.5337			N/A
3/19/2019	CHFNOK	3:30:00 PM	8.5184	8.5248			N/A
3/20/2019	CHFNOK	9:30:00 AM	8.535	8.5429			N/A
3/20/2019	CHFNOK	11:30:00 AM					N/A
3/20/2019	CHFNOK	1:30:00 PM	8.54	8.5478			N/A
3/20/2019	CHFNOK	3:30:00 PM	8.5444	8.5512			N/A
3/21/2019	CHFNOK	9:30:00 AM	8.5514	8.5591			N/A
3/21/2019	CHFNOK	11:30:00 AM	8.4809	8.4876			N/A
3/21/2019	CHFNOK	1:30:00 PM	8.4969	8.5042			N/A
3/21/2019	CHFNOK	3:30:00 PM	8.5006	8.5064			N/A
3/22/2019	CHFNOK	9:30:00 AM	8.5055	8.5125			N/A
3/22/2019	CHFNOK	11:30:00 AM					N/A
3/22/2019	CHFNOK	1:30:00 PM	8.5704	8.5777			N/A
3/22/2019	CHFNOK	3:30:00 PM	8.5709	8.5785			N/A
3/25/2019	CHFNOK	9:30:00 AM	8.5952	8.6009			N/A
3/25/2019	CHFNOK	11:30:00 AM	8.571	8.5779			N/A
3/25/2019	CHFNOK	1:30:00 PM	8.5891	8.5959			N/A
3/25/2019	CHFNOK	3:30:00 PM	8.5997	8.6048			N/A
3/26/2019	CHFNOK	9:30:00 AM	8.5942	8.6023			N/A
3/26/2019	CHFNOK	11:30:00 AM					N/A
3/26/2019	CHFNOK	1:30:00 PM	8.5834	8.5912			N/A
3/26/2019	CHFNOK	3:30:00 PM	8.582	8.588			N/A
3/27/2019	CHFNOK	9:30:00 AM	8.6057	8.613			N/A
3/27/2019	CHFNOK	11:30:00 AM	8.6204	8.6265			N/A
3/27/2019	CHFNOK	1:30:00 PM	8.6434	8.647			N/A
3/27/2019	CHFNOK	3:30:00 PM	8.6506	8.6556			N/A
3/28/2019	CHFNOK	9:30:00 AM	8.6676	8.6752			N/A
3/28/2019	CHFNOK	11:30:00 AM					N/A
3/28/2019	CHFNOK	1:30:00 PM	8.7011	8.7067			N/A
3/28/2019	CHFNOK	3:30:00 PM	8.7	8.7057			N/A
3/29/2019	CHFNOK	9:30:00 AM	8.6574	8.6652			N/A
3/29/2019	CHFNOK	11:30:00 AM	8.6763	8.6834			N/A
3/29/2019	CHFNOK	1:30:00 PM	8.6536	8.6615			N/A
3/29/2019	CHFNOK	3:30:00 PM	8.6421	8.6491			N/A
1/1/2019	CHFPLN	9:30:00 AM					N/A
1/1/2019	CHFPLN	11:30:00 AM					N/A
1/1/2019	CHFPLN	1:30:00 PM					N/A
1/1/2019	CHFPLN	3:30:00 PM					N/A
1/2/2019	CHFPLN	9:30:00 AM					N/A
1/2/2019	CHFPLN	11:30:00 AM					N/A
1/2/2019	CHFPLN	1:30:00 PM					N/A
1/2/2019	CHFPLN	3:30:00 PM					N/A
1/3/2019	CHFPLN	9:30:00 AM					N/A
1/3/2019	CHFPLN	11:30:00 AM					N/A
1/3/2019	CHFPLN	1:30:00 PM					N/A
1/3/2019	CHFPLN	3:30:00 PM					N/A
1/4/2019	CHFPLN	9:30:00 AM					N/A
1/4/2019	CHFPLN	11:30:00 AM					N/A
1/4/2019	CHFPLN	1:30:00 PM					N/A

1/4/2019	CHFPLN	3:30:00 PM					N/A
1/7/2019	CHFPLN	9:30:00 AM	3.8166	3.8189			N/A
1/7/2019	CHFPLN	11:30:00 AM					N/A
1/7/2019	CHFPLN	1:30:00 PM	3.8213	3.8241			N/A
1/7/2019	CHFPLN	3:30:00 PM	3.8197	3.8226			N/A
1/8/2019	CHFPLN	9:30:00 AM	3.8291	3.8315			N/A
1/8/2019	CHFPLN	11:30:00 AM	3.8282	3.8308			N/A
1/8/2019	CHFPLN	1:30:00 PM	3.8321	3.8347			N/A
1/8/2019	CHFPLN	3:30:00 PM	3.8311	3.8342			N/A
1/9/2019	CHFPLN	9:30:00 AM	3.8175	3.8206			N/A
1/9/2019	CHFPLN	11:30:00 AM					N/A
1/9/2019	CHFPLN	1:30:00 PM	3.8275	3.8299			N/A
1/9/2019	CHFPLN	3:30:00 PM	3.8248	3.828			N/A
1/10/2019	CHFPLN	9:30:00 AM	3.8283	3.8308			N/A
1/10/2019	CHFPLN	11:30:00 AM	3.8259	3.8289			N/A
1/10/2019	CHFPLN	1:30:00 PM	3.816	3.8183			N/A
1/10/2019	CHFPLN	3:30:00 PM	3.8059	3.8086			N/A
1/11/2019	CHFPLN	9:30:00 AM	3.7894	3.7922			N/A
1/11/2019	CHFPLN	11:30:00 AM					N/A
1/11/2019	CHFPLN	1:30:00 PM	3.791	3.794			N/A
1/11/2019	CHFPLN	3:30:00 PM	3.7944	3.7963			N/A
1/14/2019	CHFPLN	9:30:00 AM	3.807	3.8099			N/A
1/14/2019	CHFPLN	11:30:00 AM	3.8102	3.8114			N/A
1/14/2019	CHFPLN	1:30:00 PM	3.8125	3.8153			N/A
1/14/2019	CHFPLN	3:30:00 PM	3.8109	3.8135			N/A
1/15/2019	CHFPLN	9:30:00 AM	3.8085	3.8098			N/A
1/15/2019	CHFPLN	11:30:00 AM					N/A
1/15/2019	CHFPLN	1:30:00 PM	3.8021	3.805			N/A
1/15/2019	CHFPLN	3:30:00 PM	3.8107	3.8125			N/A
1/16/2019	CHFPLN	9:30:00 AM	3.8066	3.8086			N/A
1/16/2019	CHFPLN	11:30:00 AM	3.8029	3.8057			N/A
1/16/2019	CHFPLN	1:30:00 PM	3.8021	3.805			N/A
1/16/2019	CHFPLN	3:30:00 PM	3.8047	3.8077			N/A
1/17/2019	CHFPLN	9:30:00 AM	3.7963	3.799			N/A
1/17/2019	CHFPLN	11:30:00 AM					N/A
1/17/2019	CHFPLN	1:30:00 PM	3.7847	3.7872			N/A
1/17/2019	CHFPLN	3:30:00 PM	3.787	3.7886			N/A
1/18/2019	CHFPLN	9:30:00 AM	3.7847	3.7876			N/A
1/18/2019	CHFPLN	11:30:00 AM	3.7883	3.7912			N/A
1/18/2019	CHFPLN	1:30:00 PM	3.7861	3.7889			N/A
1/18/2019	CHFPLN	3:30:00 PM	3.7855	3.7888			N/A
1/21/2019	CHFPLN	9:30:00 AM	3.7867	3.7896			N/A
1/21/2019	CHFPLN	11:30:00 AM					N/A
1/21/2019	CHFPLN	1:30:00 PM	3.7834	3.7866			N/A
1/21/2019	CHFPLN	3:30:00 PM	3.78	3.7825			N/A
1/22/2019	CHFPLN	9:30:00 AM	3.786	3.7881			N/A
1/22/2019	CHFPLN	11:30:00 AM	3.7815	3.7843			N/A
1/22/2019	CHFPLN	1:30:00 PM	3.7833	3.7863			N/A
1/22/2019	CHFPLN	3:30:00 PM	3.7776	3.7804			N/A
1/23/2019	CHFPLN	9:30:00 AM	3.7793	3.7814			N/A

1/23/2019	CHFPLN	11:30:00 AM					N/A
1/23/2019	CHFPLN	1:30:00 PM	3.7797	3.7825			N/A
1/23/2019	CHFPLN	3:30:00 PM	3.7821	3.785			N/A
1/24/2019	CHFPLN	9:30:00 AM	3.7935	3.7959			N/A
1/24/2019	CHFPLN	11:30:00 AM	3.805	3.8076			N/A
1/24/2019	CHFPLN	1:30:00 PM	3.8035	3.8053			N/A
1/24/2019	CHFPLN	3:30:00 PM	3.7989	3.8011			N/A
1/25/2019	CHFPLN	9:30:00 AM	3.8009	3.8036			N/A
1/25/2019	CHFPLN	11:30:00 AM					N/A
1/25/2019	CHFPLN	1:30:00 PM	3.7962	3.7988			N/A
1/25/2019	CHFPLN	3:30:00 PM	3.7896	3.7925			N/A
1/28/2019	CHFPLN	9:30:00 AM	3.7891	3.7921			N/A
1/28/2019	CHFPLN	11:30:00 AM	3.7937	3.7964			N/A
1/28/2019	CHFPLN	1:30:00 PM	3.7832	3.7856			N/A
1/28/2019	CHFPLN	3:30:00 PM	3.7853	3.7884			N/A
1/29/2019	CHFPLN	9:30:00 AM	3.7822	3.7854			N/A
1/29/2019	CHFPLN	11:30:00 AM					N/A
1/29/2019	CHFPLN	1:30:00 PM	3.7816	3.7847			N/A
1/29/2019	CHFPLN	3:30:00 PM	3.783	3.7858			N/A
1/30/2019	CHFPLN	9:30:00 AM	3.7693	3.7723			N/A
1/30/2019	CHFPLN	11:30:00 AM	3.771	3.7744			N/A
1/30/2019	CHFPLN	1:30:00 PM	3.7633	3.7666			N/A
1/30/2019	CHFPLN	3:30:00 PM	3.7621	3.7647			N/A
1/31/2019	CHFPLN	9:30:00 AM	3.7449	3.7473			N/A
1/31/2019	CHFPLN	11:30:00 AM					N/A
1/31/2019	CHFPLN	1:30:00 PM	3.7484	3.751			N/A
1/31/2019	CHFPLN	3:30:00 PM	3.7441	3.7441			N/A
2/1/2019	CHFPLN	9:30:00 AM	3.7432	3.7463			N/A
2/1/2019	CHFPLN	11:30:00 AM	3.7548	3.7566			N/A
2/1/2019	CHFPLN	1:30:00 PM	3.7471	3.7503			N/A
2/1/2019	CHFPLN	3:30:00 PM	3.7515	3.752			N/A
2/4/2019	CHFPLN	9:30:00 AM	3.7605	3.7633			N/A
2/4/2019	CHFPLN	11:30:00 AM					N/A
2/4/2019	CHFPLN	1:30:00 PM	3.7499	3.753			N/A
2/4/2019	CHFPLN	3:30:00 PM	3.7495	3.752			N/A
2/5/2019	CHFPLN	9:30:00 AM	3.7535	3.7564			N/A
2/5/2019	CHFPLN	11:30:00 AM	3.7538	3.7562			N/A
2/5/2019	CHFPLN	1:30:00 PM	3.749	3.7518			N/A
2/5/2019	CHFPLN	3:30:00 PM	3.7505	3.7532			N/A
2/6/2019	CHFPLN	9:30:00 AM	3.7643	3.7661			N/A
2/6/2019	CHFPLN	11:30:00 AM					N/A
2/6/2019	CHFPLN	1:30:00 PM	3.766	3.7691			N/A
2/6/2019	CHFPLN	3:30:00 PM	3.7638	3.7669			N/A
2/7/2019	CHFPLN	9:30:00 AM	3.774	3.7771			N/A
2/7/2019	CHFPLN	11:30:00 AM	3.7777	3.7807			N/A
2/7/2019	CHFPLN	1:30:00 PM	3.7871	3.7896			N/A
2/7/2019	CHFPLN	3:30:00 PM	3.786	3.7888			N/A
2/8/2019	CHFPLN	9:30:00 AM	3.7917	3.794			N/A
2/8/2019	CHFPLN	11:30:00 AM					N/A
2/8/2019	CHFPLN	1:30:00 PM	3.7892	3.7921			N/A

2/8/2019	CHFPLN	3:30:00 PM	3.7903	3.7931			N/A
2/11/2019	CHFPLN	9:30:00 AM	3.8034	3.8059			N/A
2/11/2019	CHFPLN	11:30:00 AM	3.8076	3.8102			N/A
2/11/2019	CHFPLN	1:30:00 PM	3.8049	3.8074			N/A
2/11/2019	CHFPLN	3:30:00 PM	3.8015	3.8046			N/A
2/12/2019	CHFPLN	9:30:00 AM	3.8149	3.8172			N/A
2/12/2019	CHFPLN	11:30:00 AM					N/A
2/12/2019	CHFPLN	1:30:00 PM	3.803	3.8058			N/A
2/12/2019	CHFPLN	3:30:00 PM	3.7976	3.7993			N/A
2/13/2019	CHFPLN	9:30:00 AM	3.7953	3.7983			N/A
2/13/2019	CHFPLN	11:30:00 AM	3.7994	3.8022			N/A
2/13/2019	CHFPLN	1:30:00 PM	3.8014	3.8043			N/A
2/13/2019	CHFPLN	3:30:00 PM	3.8064	3.8089			N/A
2/14/2019	CHFPLN	9:30:00 AM	3.8091	3.8112			N/A
2/14/2019	CHFPLN	11:30:00 AM					N/A
2/14/2019	CHFPLN	1:30:00 PM	3.81	3.8127			N/A
2/14/2019	CHFPLN	3:30:00 PM	3.812	3.8145			N/A
2/15/2019	CHFPLN	9:30:00 AM					N/A
2/15/2019	CHFPLN	11:30:00 AM					N/A
2/15/2019	CHFPLN	1:30:00 PM					N/A
2/15/2019	CHFPLN	3:30:00 PM					N/A
2/18/2019	CHFPLN	9:30:00 AM	3.8124	3.8146			N/A
2/18/2019	CHFPLN	11:30:00 AM					N/A
2/18/2019	CHFPLN	1:30:00 PM	3.8115	3.8137			N/A
2/18/2019	CHFPLN	3:30:00 PM	3.8112	3.8141			N/A
2/19/2019	CHFPLN	9:30:00 AM	3.8098	3.8129			N/A
2/19/2019	CHFPLN	11:30:00 AM	3.8104	3.8128			N/A
2/19/2019	CHFPLN	1:30:00 PM	3.8167	3.8196			N/A
2/19/2019	CHFPLN	3:30:00 PM	3.8185	3.8206			N/A
2/20/2019	CHFPLN	9:30:00 AM	3.8137	3.8164			N/A
2/20/2019	CHFPLN	11:30:00 AM					N/A
2/20/2019	CHFPLN	1:30:00 PM	3.824	3.8269			N/A
2/20/2019	CHFPLN	3:30:00 PM	3.8285	3.8315			N/A
2/21/2019	CHFPLN	9:30:00 AM	3.8174	3.8198			N/A
2/21/2019	CHFPLN	11:30:00 AM	3.8156	3.8185			N/A
2/21/2019	CHFPLN	1:30:00 PM	3.8156	3.818			N/A
2/21/2019	CHFPLN	3:30:00 PM	3.8164	3.8177			N/A
2/22/2019	CHFPLN	9:30:00 AM	3.8157	3.8183			N/A
2/22/2019	CHFPLN	11:30:00 AM					N/A
2/22/2019	CHFPLN	1:30:00 PM	3.8232	3.826			N/A
2/22/2019	CHFPLN	3:30:00 PM	3.8189	3.822			N/A
2/25/2019	CHFPLN	9:30:00 AM	3.8188	3.8215			N/A
2/25/2019	CHFPLN	11:30:00 AM	3.8226	3.8259			N/A
2/25/2019	CHFPLN	1:30:00 PM	3.8192	3.8219			N/A
2/25/2019	CHFPLN	3:30:00 PM	3.818	3.8212			N/A
2/26/2019	CHFPLN	9:30:00 AM	3.8159	3.8189			N/A
2/26/2019	CHFPLN	11:30:00 AM					N/A
2/26/2019	CHFPLN	1:30:00 PM	3.8085	3.8114			N/A
2/26/2019	CHFPLN	3:30:00 PM	3.8064	3.8091			N/A
2/27/2019	CHFPLN	9:30:00 AM	3.8029	3.8053			N/A

2/27/2019	CHFPLN	11:30:00 AM	3.7958	3.7987			N/A
2/27/2019	CHFPLN	1:30:00 PM	3.798	3.8005			N/A
2/27/2019	CHFPLN	3:30:00 PM	3.7965	3.7995			N/A
2/28/2019	CHFPLN	9:30:00 AM	3.8046	3.807			N/A
2/28/2019	CHFPLN	11:30:00 AM					N/A
2/28/2019	CHFPLN	1:30:00 PM	3.7963	3.7988			N/A
2/28/2019	CHFPLN	3:30:00 PM	3.7999	3.8017			N/A
3/1/2019	CHFPLN	9:30:00 AM	3.7901	3.7929			N/A
3/1/2019	CHFPLN	11:30:00 AM	3.7862	3.7892			N/A
3/1/2019	CHFPLN	1:30:00 PM	3.7906	3.7932			N/A
3/1/2019	CHFPLN	3:30:00 PM	3.7906	3.7932			N/A
3/4/2019	CHFPLN	9:30:00 AM	3.7855	3.7885			N/A
3/4/2019	CHFPLN	11:30:00 AM					N/A
3/4/2019	CHFPLN	1:30:00 PM	3.7869	3.7888			N/A
3/4/2019	CHFPLN	3:30:00 PM	3.7895	3.7919			N/A
3/5/2019	CHFPLN	9:30:00 AM	3.7987	3.8016			N/A
3/5/2019	CHFPLN	11:30:00 AM	3.7915	3.7943			N/A
3/5/2019	CHFPLN	1:30:00 PM	3.7924	3.7957			N/A
3/5/2019	CHFPLN	3:30:00 PM	3.792	3.7949			N/A
3/6/2019	CHFPLN	9:30:00 AM	3.7866	3.7894			N/A
3/6/2019	CHFPLN	11:30:00 AM					N/A
3/6/2019	CHFPLN	1:30:00 PM	3.7869	3.79			N/A
3/6/2019	CHFPLN	3:30:00 PM	3.785	3.7864			N/A
3/7/2019	CHFPLN	9:30:00 AM	3.7859	3.7889			N/A
3/7/2019	CHFPLN	11:30:00 AM	3.7837	3.7865			N/A
3/7/2019	CHFPLN	1:30:00 PM	3.7844	3.7874			N/A
3/7/2019	CHFPLN	3:30:00 PM	3.7856	3.7882			N/A
3/8/2019	CHFPLN	9:30:00 AM	3.8121	3.8144			N/A
3/8/2019	CHFPLN	11:30:00 AM					N/A
3/8/2019	CHFPLN	1:30:00 PM	3.8005	3.803			N/A
3/8/2019	CHFPLN	3:30:00 PM	3.8014	3.8			N/A
3/11/2019	CHFPLN	9:30:00 AM	3.7945	3.7961			N/A
3/11/2019	CHFPLN	11:30:00 AM	3.7895	3.7922			N/A
3/11/2019	CHFPLN	1:30:00 PM	3.7887	3.7911			N/A
3/11/2019	CHFPLN	3:30:00 PM	3.7841	3.7867			N/A
3/12/2019	CHFPLN	9:30:00 AM	3.7779	3.7804			N/A
3/12/2019	CHFPLN	11:30:00 AM					N/A
3/12/2019	CHFPLN	1:30:00 PM	3.788	3.7911			N/A
3/12/2019	CHFPLN	3:30:00 PM	3.7805	3.7825			N/A
3/13/2019	CHFPLN	9:30:00 AM	3.7811	3.7838			N/A
3/13/2019	CHFPLN	11:30:00 AM	3.7822	3.7848			N/A
3/13/2019	CHFPLN	1:30:00 PM	3.7815	3.7842			N/A
3/13/2019	CHFPLN	3:30:00 PM	3.781	3.7835			N/A
3/14/2019	CHFPLN	9:30:00 AM	3.7814	3.784			N/A
3/14/2019	CHFPLN	11:30:00 AM					N/A
3/14/2019	CHFPLN	1:30:00 PM	3.7892	3.7919			N/A
3/14/2019	CHFPLN	3:30:00 PM	3.79	3.7928			N/A
3/15/2019	CHFPLN	9:30:00 AM	3.7908	3.7933			N/A
3/15/2019	CHFPLN	11:30:00 AM	3.7856	3.7884			N/A
3/15/2019	CHFPLN	1:30:00 PM	3.7879	3.7909			N/A

3/15/2019	CHFPLN	3:30:00 PM	3.7875	3.7901			N/A
3/18/2019	CHFPLN	9:30:00 AM	3.7837	3.7855			N/A
3/18/2019	CHFPLN	11:30:00 AM					N/A
3/18/2019	CHFPLN	1:30:00 PM	3.7832	3.7864			N/A
3/18/2019	CHFPLN	3:30:00 PM	3.7826	3.7847			N/A
3/19/2019	CHFPLN	9:30:00 AM	3.7814	3.7844			N/A
3/19/2019	CHFPLN	11:30:00 AM	3.7782	3.7813			N/A
3/19/2019	CHFPLN	1:30:00 PM	3.7768	3.7798			N/A
3/19/2019	CHFPLN	3:30:00 PM	3.7775	3.7801			N/A
3/20/2019	CHFPLN	9:30:00 AM	3.7776	3.7807			N/A
3/20/2019	CHFPLN	11:30:00 AM					N/A
3/20/2019	CHFPLN	1:30:00 PM	3.7779	3.7808			N/A
3/20/2019	CHFPLN	3:30:00 PM	3.778	3.7804			N/A
3/21/2019	CHFPLN	9:30:00 AM	3.7737	3.7768			N/A
3/21/2019	CHFPLN	11:30:00 AM	3.7826	3.7853			N/A
3/21/2019	CHFPLN	1:30:00 PM	3.7836	3.7858			N/A
3/21/2019	CHFPLN	3:30:00 PM	3.7831	3.7861			N/A
3/22/2019	CHFPLN	9:30:00 AM	3.7906	3.7932			N/A
3/22/2019	CHFPLN	11:30:00 AM					N/A
3/22/2019	CHFPLN	1:30:00 PM	3.8171	3.8201			N/A
3/22/2019	CHFPLN	3:30:00 PM	3.8172	3.82			N/A
3/25/2019	CHFPLN	9:30:00 AM	3.8195	3.8223			N/A
3/25/2019	CHFPLN	11:30:00 AM	3.817	3.8202			N/A
3/25/2019	CHFPLN	1:30:00 PM	3.8254	3.8273			N/A
3/25/2019	CHFPLN	3:30:00 PM	3.8242	3.8262			N/A
3/26/2019	CHFPLN	9:30:00 AM	3.8207	3.8238			N/A
3/26/2019	CHFPLN	11:30:00 AM					N/A
3/26/2019	CHFPLN	1:30:00 PM	3.8205	3.8234			N/A
3/26/2019	CHFPLN	3:30:00 PM	3.8237	3.8265			N/A
3/27/2019	CHFPLN	9:30:00 AM	3.8299	3.8324			N/A
3/27/2019	CHFPLN	11:30:00 AM	3.8341	3.837			N/A
3/27/2019	CHFPLN	1:30:00 PM	3.8356	3.8381			N/A
3/27/2019	CHFPLN	3:30:00 PM	3.8345	3.8364			N/A
3/28/2019	CHFPLN	9:30:00 AM	3.8328	3.8353			N/A
3/28/2019	CHFPLN	11:30:00 AM					N/A
3/28/2019	CHFPLN	1:30:00 PM	3.8426	3.8453			N/A
3/28/2019	CHFPLN	3:30:00 PM	3.8377	3.8405			N/A
3/29/2019	CHFPLN	9:30:00 AM	3.8354	3.8382			N/A
3/29/2019	CHFPLN	11:30:00 AM	3.8467	3.8496			N/A
3/29/2019	CHFPLN	1:30:00 PM	3.8445	3.8477			N/A
3/29/2019	CHFPLN	3:30:00 PM	3.8465	3.8494			N/A
1/1/2019	CHFSEK	9:30:00 AM					N/A
1/1/2019	CHFSEK	11:30:00 AM					N/A
1/1/2019	CHFSEK	1:30:00 PM					N/A
1/1/2019	CHFSEK	3:30:00 PM					N/A
1/2/2019	CHFSEK	9:30:00 AM					N/A
1/2/2019	CHFSEK	11:30:00 AM					N/A
1/2/2019	CHFSEK	1:30:00 PM					N/A
1/2/2019	CHFSEK	3:30:00 PM					N/A
1/3/2019	CHFSEK	9:30:00 AM					N/A

1/3/2019	CHFSEK	11:30:00 AM					N/A
1/3/2019	CHFSEK	1:30:00 PM					N/A
1/3/2019	CHFSEK	3:30:00 PM					N/A
1/4/2019	CHFSEK	9:30:00 AM					N/A
1/4/2019	CHFSEK	11:30:00 AM					N/A
1/4/2019	CHFSEK	1:30:00 PM					N/A
1/4/2019	CHFSEK	3:30:00 PM					N/A
1/7/2019	CHFSEK	9:30:00 AM	9.0808	9.0851			N/A
1/7/2019	CHFSEK	11:30:00 AM					N/A
1/7/2019	CHFSEK	1:30:00 PM	9.103	9.1059			N/A
1/7/2019	CHFSEK	3:30:00 PM	9.0981	9.1029			N/A
1/8/2019	CHFSEK	9:30:00 AM	9.0891	9.0928			N/A
1/8/2019	CHFSEK	11:30:00 AM	9.0692	9.0707			N/A
1/8/2019	CHFSEK	1:30:00 PM	9.0627	9.0648			N/A
1/8/2019	CHFSEK	3:30:00 PM	9.0679	9.0712			N/A
1/9/2019	CHFSEK	9:30:00 AM	9.0847	9.0888			N/A
1/9/2019	CHFSEK	11:30:00 AM					N/A
1/9/2019	CHFSEK	1:30:00 PM	9.1117	9.1139			N/A
1/9/2019	CHFSEK	3:30:00 PM	9.0997	9.1046			N/A
1/10/2019	CHFSEK	9:30:00 AM	9.1161	9.1192			N/A
1/10/2019	CHFSEK	11:30:00 AM	9.1071	9.1118			N/A
1/10/2019	CHFSEK	1:30:00 PM	9.0874	9.0906			N/A
1/10/2019	CHFSEK	3:30:00 PM	9.0641	9.0663			N/A
1/11/2019	CHFSEK	9:30:00 AM	9.0321	9.0363			N/A
1/11/2019	CHFSEK	11:30:00 AM					N/A
1/11/2019	CHFSEK	1:30:00 PM	9.0334	9.0382			N/A
1/11/2019	CHFSEK	3:30:00 PM	9.0384	9.0396			N/A
1/14/2019	CHFSEK	9:30:00 AM	9.0995	9.1008			N/A
1/14/2019	CHFSEK	11:30:00 AM	9.0836	9.0868			N/A
1/14/2019	CHFSEK	1:30:00 PM	9.1013	9.1032			N/A
1/14/2019	CHFSEK	3:30:00 PM	9.1047	9.1096			N/A
1/15/2019	CHFSEK	9:30:00 AM	9.1042	9.1055			N/A
1/15/2019	CHFSEK	11:30:00 AM					N/A
1/15/2019	CHFSEK	1:30:00 PM	9.0744	9.0781			N/A
1/15/2019	CHFSEK	3:30:00 PM	9.0893	9.0918			N/A
1/16/2019	CHFSEK	9:30:00 AM	9.0655	9.0674			N/A
1/16/2019	CHFSEK	11:30:00 AM	9.0673	9.0715			N/A
1/16/2019	CHFSEK	1:30:00 PM	9.0774	9.0781			N/A
1/16/2019	CHFSEK	3:30:00 PM	9.0943	9.0991			N/A
1/17/2019	CHFSEK	9:30:00 AM	9.1018	9.1017			N/A
1/17/2019	CHFSEK	11:30:00 AM					N/A
1/17/2019	CHFSEK	1:30:00 PM	9.0885	9.0926			N/A
1/17/2019	CHFSEK	3:30:00 PM	9.0927	9.0953			N/A
1/18/2019	CHFSEK	9:30:00 AM	9.059	9.0618			N/A
1/18/2019	CHFSEK	11:30:00 AM	9.0496	9.0538			N/A
1/18/2019	CHFSEK	1:30:00 PM	9.044	9.0483			N/A
1/18/2019	CHFSEK	3:30:00 PM	9.0412	9.045			N/A
1/21/2019	CHFSEK	9:30:00 AM	9.051	9.0544			N/A
1/21/2019	CHFSEK	11:30:00 AM					N/A
1/21/2019	CHFSEK	1:30:00 PM	9.0376	9.0421			N/A

1/21/2019	CHFSEK	3:30:00 PM	9.0381	9.0414			N/A
1/22/2019	CHFSEK	9:30:00 AM	9.0583	9.0632			N/A
1/22/2019	CHFSEK	11:30:00 AM	9.0428	9.0466			N/A
1/22/2019	CHFSEK	1:30:00 PM	9.0588	9.0635			N/A
1/22/2019	CHFSEK	3:30:00 PM	9.0455	9.0473			N/A
1/23/2019	CHFSEK	9:30:00 AM	9.0308	9.035			N/A
1/23/2019	CHFSEK	11:30:00 AM					N/A
1/23/2019	CHFSEK	1:30:00 PM	9.0427	9.0473			N/A
1/23/2019	CHFSEK	3:30:00 PM	9.0371	9.0411			N/A
1/24/2019	CHFSEK	9:30:00 AM	9.0746	9.0785			N/A
1/24/2019	CHFSEK	11:30:00 AM	9.0966	9.0991			N/A
1/24/2019	CHFSEK	1:30:00 PM	9.1148	9.1179			N/A
1/24/2019	CHFSEK	3:30:00 PM	9.1175	9.1218			N/A
1/25/2019	CHFSEK	9:30:00 AM	9.1032	9.1067			N/A
1/25/2019	CHFSEK	11:30:00 AM					N/A
1/25/2019	CHFSEK	1:30:00 PM	9.1117	9.1146			N/A
1/25/2019	CHFSEK	3:30:00 PM	9.1041	9.1083			N/A
1/28/2019	CHFSEK	9:30:00 AM	9.1172	9.1199			N/A
1/28/2019	CHFSEK	11:30:00 AM	9.1219	9.1264			N/A
1/28/2019	CHFSEK	1:30:00 PM	9.1298	9.1347			N/A
1/28/2019	CHFSEK	3:30:00 PM	9.1356	9.1391			N/A
1/29/2019	CHFSEK	9:30:00 AM	9.1187	9.1228			N/A
1/29/2019	CHFSEK	11:30:00 AM					N/A
1/29/2019	CHFSEK	1:30:00 PM	9.1216	9.126			N/A
1/29/2019	CHFSEK	3:30:00 PM	9.1156	9.1193			N/A
1/30/2019	CHFSEK	9:30:00 AM	9.0936	9.0979			N/A
1/30/2019	CHFSEK	11:30:00 AM	9.112	9.1163			N/A
1/30/2019	CHFSEK	1:30:00 PM	9.1176	9.1218			N/A
1/30/2019	CHFSEK	3:30:00 PM	9.1026	9.1073			N/A
1/31/2019	CHFSEK	9:30:00 AM	9.0883	9.0917			N/A
1/31/2019	CHFSEK	11:30:00 AM					N/A
1/31/2019	CHFSEK	1:30:00 PM	9.0864	9.0909			N/A
1/31/2019	CHFSEK	3:30:00 PM	9.0914	9.0919			N/A
2/1/2019	CHFSEK	9:30:00 AM	9.0941	9.0944			N/A
2/1/2019	CHFSEK	11:30:00 AM	9.1111	9.1125			N/A
2/1/2019	CHFSEK	1:30:00 PM	9.1137	9.1171			N/A
2/1/2019	CHFSEK	3:30:00 PM	9.1047	9.1055			N/A
2/4/2019	CHFSEK	9:30:00 AM	9.0923	9.0971			N/A
2/4/2019	CHFSEK	11:30:00 AM					N/A
2/4/2019	CHFSEK	1:30:00 PM	9.0995	9.1025			N/A
2/4/2019	CHFSEK	3:30:00 PM	9.1108	9.115			N/A
2/5/2019	CHFSEK	9:30:00 AM	9.1223	9.1228			N/A
2/5/2019	CHFSEK	11:30:00 AM	9.119	9.1216			N/A
2/5/2019	CHFSEK	1:30:00 PM	9.1045	9.1077			N/A
2/5/2019	CHFSEK	3:30:00 PM	9.0916	9.0949			N/A
2/6/2019	CHFSEK	9:30:00 AM	9.1296	9.1329			N/A
2/6/2019	CHFSEK	11:30:00 AM					N/A
2/6/2019	CHFSEK	1:30:00 PM	9.151	9.1551			N/A
2/6/2019	CHFSEK	3:30:00 PM	9.1575	9.1616			N/A
2/7/2019	CHFSEK	9:30:00 AM	9.1849	9.189			N/A

2/7/2019	CHFSEK	11:30:00 AM	9.1975	9.2017			N/A
2/7/2019	CHFSEK	1:30:00 PM	9.2322	9.236			N/A
2/7/2019	CHFSEK	3:30:00 PM	9.2235	9.2219			N/A
2/8/2019	CHFSEK	9:30:00 AM	9.247	9.2481			N/A
2/8/2019	CHFSEK	11:30:00 AM					N/A
2/8/2019	CHFSEK	1:30:00 PM	9.2481	9.2528			N/A
2/8/2019	CHFSEK	3:30:00 PM	9.2377	9.2416			N/A
2/11/2019	CHFSEK	9:30:00 AM	9.2738	9.2787			N/A
2/11/2019	CHFSEK	11:30:00 AM	9.2441	9.2472			N/A
2/11/2019	CHFSEK	1:30:00 PM	9.2399	9.243			N/A
2/11/2019	CHFSEK	3:30:00 PM	9.2331	9.238			N/A
2/12/2019	CHFSEK	9:30:00 AM	9.2365	9.241			N/A
2/12/2019	CHFSEK	11:30:00 AM					N/A
2/12/2019	CHFSEK	1:30:00 PM	9.1877	9.1921			N/A
2/12/2019	CHFSEK	3:30:00 PM	9.1978	9.1988			N/A
2/13/2019	CHFSEK	9:30:00 AM	9.1998	9.2028			N/A
2/13/2019	CHFSEK	11:30:00 AM	9.1693	9.1741			N/A
2/13/2019	CHFSEK	1:30:00 PM	9.1538	9.1588			N/A
2/13/2019	CHFSEK	3:30:00 PM	9.153	9.1551			N/A
2/14/2019	CHFSEK	9:30:00 AM	9.1687	9.1703			N/A
2/14/2019	CHFSEK	11:30:00 AM					N/A
2/14/2019	CHFSEK	1:30:00 PM	9.1943	9.1979			N/A
2/14/2019	CHFSEK	3:30:00 PM	9.2112	9.2159			N/A
2/15/2019	CHFSEK	9:30:00 AM					N/A
2/15/2019	CHFSEK	11:30:00 AM					N/A
2/15/2019	CHFSEK	1:30:00 PM					N/A
2/15/2019	CHFSEK	3:30:00 PM					N/A
2/18/2019	CHFSEK	9:30:00 AM	9.2212	9.225			N/A
2/18/2019	CHFSEK	11:30:00 AM					N/A
2/18/2019	CHFSEK	1:30:00 PM	9.2193	9.2202			N/A
2/18/2019	CHFSEK	3:30:00 PM	9.2177	9.2222			N/A
2/19/2019	CHFSEK	9:30:00 AM	9.2148	9.2188			N/A
2/19/2019	CHFSEK	11:30:00 AM	9.3169	9.3164			N/A
2/19/2019	CHFSEK	1:30:00 PM	9.3317	9.3361			N/A
2/19/2019	CHFSEK	3:30:00 PM	9.336	9.3402			N/A
2/20/2019	CHFSEK	9:30:00 AM	9.2915	9.2949			N/A
2/20/2019	CHFSEK	11:30:00 AM					N/A
2/20/2019	CHFSEK	1:30:00 PM	9.305	9.309			N/A
2/20/2019	CHFSEK	3:30:00 PM	9.3185	9.3224			N/A
2/21/2019	CHFSEK	9:30:00 AM	9.314	9.3182			N/A
2/21/2019	CHFSEK	11:30:00 AM	9.3286	9.3319			N/A
2/21/2019	CHFSEK	1:30:00 PM	9.3317	9.3354			N/A
2/21/2019	CHFSEK	3:30:00 PM	9.3493	9.3525			N/A
2/22/2019	CHFSEK	9:30:00 AM	9.3461	9.3495			N/A
2/22/2019	CHFSEK	11:30:00 AM					N/A
2/22/2019	CHFSEK	1:30:00 PM	9.3493	9.3535			N/A
2/22/2019	CHFSEK	3:30:00 PM	9.3409	9.3451			N/A
2/25/2019	CHFSEK	9:30:00 AM	9.3256	9.3304			N/A
2/25/2019	CHFSEK	11:30:00 AM	9.3177	9.3225			N/A
2/25/2019	CHFSEK	1:30:00 PM	9.3133	9.3182			N/A

2/25/2019	CHFSEK	3:30:00 PM	9.3156	9.3191			N/A
2/26/2019	CHFSEK	9:30:00 AM	9.3181	9.3218			N/A
2/26/2019	CHFSEK	11:30:00 AM					N/A
2/26/2019	CHFSEK	1:30:00 PM	9.3158	9.3185			N/A
2/26/2019	CHFSEK	3:30:00 PM	9.3028	9.3069			N/A
2/27/2019	CHFSEK	9:30:00 AM	9.294	9.2982			N/A
2/27/2019	CHFSEK	11:30:00 AM	9.2811	9.2846			N/A
2/27/2019	CHFSEK	1:30:00 PM	9.2809	9.2853			N/A
2/27/2019	CHFSEK	3:30:00 PM	9.2754	9.2783			N/A
2/28/2019	CHFSEK	9:30:00 AM	9.2906	9.2923			N/A
2/28/2019	CHFSEK	11:30:00 AM					N/A
2/28/2019	CHFSEK	1:30:00 PM	9.2376	9.2409			N/A
2/28/2019	CHFSEK	3:30:00 PM	9.2435	9.2415			N/A
3/1/2019	CHFSEK	9:30:00 AM	9.2563	9.2531			N/A
3/1/2019	CHFSEK	11:30:00 AM	9.2364	9.2384			N/A
3/1/2019	CHFSEK	1:30:00 PM	9.2383	9.2414			N/A
3/1/2019	CHFSEK	3:30:00 PM	9.2401	9.2447			N/A
3/4/2019	CHFSEK	9:30:00 AM	9.2664	9.2713			N/A
3/4/2019	CHFSEK	11:30:00 AM					N/A
3/4/2019	CHFSEK	1:30:00 PM	9.2872	9.2898			N/A
3/4/2019	CHFSEK	3:30:00 PM	9.3103	9.313			N/A
3/5/2019	CHFSEK	9:30:00 AM	9.359	9.3575			N/A
3/5/2019	CHFSEK	11:30:00 AM	9.3053	9.3095			N/A
3/5/2019	CHFSEK	1:30:00 PM	9.3099	9.3127			N/A
3/5/2019	CHFSEK	3:30:00 PM	9.3042	9.3083			N/A
3/6/2019	CHFSEK	9:30:00 AM	9.2746	9.2757			N/A
3/6/2019	CHFSEK	11:30:00 AM					N/A
3/6/2019	CHFSEK	1:30:00 PM	9.2876	9.2923			N/A
3/6/2019	CHFSEK	3:30:00 PM	9.277	9.2808			N/A
3/7/2019	CHFSEK	9:30:00 AM	9.2537	9.2585			N/A
3/7/2019	CHFSEK	11:30:00 AM	9.2652	9.2673			N/A
3/7/2019	CHFSEK	1:30:00 PM	9.2932	9.295			N/A
3/7/2019	CHFSEK	3:30:00 PM	9.3032	9.3074			N/A
3/8/2019	CHFSEK	9:30:00 AM	9.39	9.3933			N/A
3/8/2019	CHFSEK	11:30:00 AM					N/A
3/8/2019	CHFSEK	1:30:00 PM	9.3797	9.3836			N/A
3/8/2019	CHFSEK	3:30:00 PM	9.3896	9.3942			N/A
3/11/2019	CHFSEK	9:30:00 AM	9.334	9.3368			N/A
3/11/2019	CHFSEK	11:30:00 AM	9.3458	9.3493			N/A
3/11/2019	CHFSEK	1:30:00 PM	9.3153	9.3201			N/A
3/11/2019	CHFSEK	3:30:00 PM	9.3113	9.3116			N/A
3/12/2019	CHFSEK	9:30:00 AM	9.2704	9.2752			N/A
3/12/2019	CHFSEK	11:30:00 AM					N/A
3/12/2019	CHFSEK	1:30:00 PM	9.3265	9.3272			N/A
3/12/2019	CHFSEK	3:30:00 PM	9.2997	9.3038			N/A
3/13/2019	CHFSEK	9:30:00 AM	9.2972	9.3021			N/A
3/13/2019	CHFSEK	11:30:00 AM	9.2846	9.2888			N/A
3/13/2019	CHFSEK	1:30:00 PM	9.2845	9.2886			N/A
3/13/2019	CHFSEK	3:30:00 PM	9.2778	9.2825			N/A
3/14/2019	CHFSEK	9:30:00 AM	9.2574	9.2619			N/A

3/14/2019	CHFSEK	11:30:00 AM					N/A
3/14/2019	CHFSEK	1:30:00 PM	9.292	9.2938			N/A
3/14/2019	CHFSEK	3:30:00 PM	9.2806	9.284			N/A
3/15/2019	CHFSEK	9:30:00 AM	9.2576	9.2623			N/A
3/15/2019	CHFSEK	11:30:00 AM	9.246	9.2489			N/A
3/15/2019	CHFSEK	1:30:00 PM	9.2208	9.2256			N/A
3/15/2019	CHFSEK	3:30:00 PM	9.2377	9.2403			N/A
3/18/2019	CHFSEK	9:30:00 AM	9.2026	9.2061			N/A
3/18/2019	CHFSEK	11:30:00 AM					N/A
3/18/2019	CHFSEK	1:30:00 PM	9.2113	9.216			N/A
3/18/2019	CHFSEK	3:30:00 PM	9.2145	9.2177			N/A
3/19/2019	CHFSEK	9:30:00 AM	9.2261	9.2251			N/A
3/19/2019	CHFSEK	11:30:00 AM	9.2268	9.2316			N/A
3/19/2019	CHFSEK	1:30:00 PM	9.207	9.2118			N/A
3/19/2019	CHFSEK	3:30:00 PM	9.2033	9.2066			N/A
3/20/2019	CHFSEK	9:30:00 AM	9.2078	9.2113			N/A
3/20/2019	CHFSEK	11:30:00 AM					N/A
3/20/2019	CHFSEK	1:30:00 PM	9.1952	9.1995			N/A
3/20/2019	CHFSEK	3:30:00 PM	9.1968	9.2004			N/A
3/21/2019	CHFSEK	9:30:00 AM	9.1886	9.1934			N/A
3/21/2019	CHFSEK	11:30:00 AM	9.1997	9.2022			N/A
3/21/2019	CHFSEK	1:30:00 PM	9.2075	9.2112			N/A
3/21/2019	CHFSEK	3:30:00 PM	9.2189	9.2224			N/A
3/22/2019	CHFSEK	9:30:00 AM	9.2342	9.2369			N/A
3/22/2019	CHFSEK	11:30:00 AM					N/A
3/22/2019	CHFSEK	1:30:00 PM	9.31	9.3149			N/A
3/22/2019	CHFSEK	3:30:00 PM	9.3114	9.3142			N/A
3/25/2019	CHFSEK	9:30:00 AM	9.308	9.3067			N/A
3/25/2019	CHFSEK	11:30:00 AM	9.2799	9.2848			N/A
3/25/2019	CHFSEK	1:30:00 PM	9.2889	9.2917			N/A
3/25/2019	CHFSEK	3:30:00 PM	9.2953	9.2967			N/A
3/26/2019	CHFSEK	9:30:00 AM	9.3103	9.3152			N/A
3/26/2019	CHFSEK	11:30:00 AM					N/A
3/26/2019	CHFSEK	1:30:00 PM	9.2888	9.2926			N/A
3/26/2019	CHFSEK	3:30:00 PM	9.2848	9.2881			N/A
3/27/2019	CHFSEK	9:30:00 AM	9.3042	9.3083			N/A
3/27/2019	CHFSEK	11:30:00 AM	9.2925	9.293			N/A
3/27/2019	CHFSEK	1:30:00 PM	9.3123	9.314			N/A
3/27/2019	CHFSEK	3:30:00 PM	9.3091	9.3087			N/A
3/28/2019	CHFSEK	9:30:00 AM	9.3185	9.3223			N/A
3/28/2019	CHFSEK	11:30:00 AM					N/A
3/28/2019	CHFSEK	1:30:00 PM	9.3817	9.384			N/A
3/28/2019	CHFSEK	3:30:00 PM	9.3596	9.3621			N/A
3/29/2019	CHFSEK	9:30:00 AM	9.3147	9.3196			N/A
3/29/2019	CHFSEK	11:30:00 AM	9.3188	9.3209			N/A
3/29/2019	CHFSEK	1:30:00 PM	9.2953	9.3001			N/A
3/29/2019	CHFSEK	3:30:00 PM	9.3019	9.3046			N/A
1/1/2019	CHFSGD	9:30:00 AM					N/A
1/1/2019	CHFSGD	11:30:00 AM					N/A
1/1/2019	CHFSGD	1:30:00 PM					N/A

1/1/2019	CHFSGD	3:30:00 PM					N/A
1/2/2019	CHFSGD	9:30:00 AM					N/A
1/2/2019	CHFSGD	11:30:00 AM					N/A
1/2/2019	CHFSGD	1:30:00 PM					N/A
1/2/2019	CHFSGD	3:30:00 PM					N/A
1/3/2019	CHFSGD	9:30:00 AM					N/A
1/3/2019	CHFSGD	11:30:00 AM					N/A
1/3/2019	CHFSGD	1:30:00 PM					N/A
1/3/2019	CHFSGD	3:30:00 PM					N/A
1/4/2019	CHFSGD	9:30:00 AM					N/A
1/4/2019	CHFSGD	11:30:00 AM					N/A
1/4/2019	CHFSGD	1:30:00 PM					N/A
1/4/2019	CHFSGD	3:30:00 PM					N/A
1/7/2019	CHFSGD	9:30:00 AM	1.3779	1.378			N/A
1/7/2019	CHFSGD	11:30:00 AM					N/A
1/7/2019	CHFSGD	1:30:00 PM	1.382	1.3825			N/A
1/7/2019	CHFSGD	3:30:00 PM	1.383	1.3833			N/A
1/8/2019	CHFSGD	9:30:00 AM	1.3845	1.3848			N/A
1/8/2019	CHFSGD	11:30:00 AM	1.3859	1.3861			N/A
1/8/2019	CHFSGD	1:30:00 PM	1.3851	1.3852			N/A
1/8/2019	CHFSGD	3:30:00 PM	1.3842	1.3846			N/A
1/9/2019	CHFSGD	9:30:00 AM	1.383	1.3833			N/A
1/9/2019	CHFSGD	11:30:00 AM					N/A
1/9/2019	CHFSGD	1:30:00 PM	1.3827	1.3828			N/A
1/9/2019	CHFSGD	3:30:00 PM	1.3828	1.3831			N/A
1/10/2019	CHFSGD	9:30:00 AM	1.3884	1.3885			N/A
1/10/2019	CHFSGD	11:30:00 AM	1.3849	1.3853			N/A
1/10/2019	CHFSGD	1:30:00 PM	1.3842	1.3842			N/A
1/10/2019	CHFSGD	3:30:00 PM	1.3814	1.3815			N/A
1/11/2019	CHFSGD	9:30:00 AM	1.3746	1.3749			N/A
1/11/2019	CHFSGD	11:30:00 AM					N/A
1/11/2019	CHFSGD	1:30:00 PM	1.3744	1.3747			N/A
1/11/2019	CHFSGD	3:30:00 PM	1.3759	1.3762			N/A
1/14/2019	CHFSGD	9:30:00 AM	1.3764	1.3766			N/A
1/14/2019	CHFSGD	11:30:00 AM	1.3785	1.3786			N/A
1/14/2019	CHFSGD	1:30:00 PM	1.3789	1.3792			N/A
1/14/2019	CHFSGD	3:30:00 PM	1.3792	1.3796			N/A
1/15/2019	CHFSGD	9:30:00 AM	1.3782	1.3786			N/A
1/15/2019	CHFSGD	11:30:00 AM					N/A
1/15/2019	CHFSGD	1:30:00 PM	1.3723	1.3726			N/A
1/15/2019	CHFSGD	3:30:00 PM	1.3737	1.374			N/A
1/16/2019	CHFSGD	9:30:00 AM	1.3696	1.3699			N/A
1/16/2019	CHFSGD	11:30:00 AM	1.3707	1.3711			N/A
1/16/2019	CHFSGD	1:30:00 PM	1.3706	1.371			N/A
1/16/2019	CHFSGD	3:30:00 PM	1.3705	1.3707			N/A
1/17/2019	CHFSGD	9:30:00 AM	1.368	1.3684			N/A
1/17/2019	CHFSGD	11:30:00 AM					N/A
1/17/2019	CHFSGD	1:30:00 PM	1.3666	1.367			N/A
1/17/2019	CHFSGD	3:30:00 PM	1.366	1.3658			N/A
1/18/2019	CHFSGD	9:30:00 AM	1.3641	1.3644			N/A

1/18/2019	CHFSGD	11:30:00 AM	1.3642	1.3645			N/A
1/18/2019	CHFSGD	1:30:00 PM	1.3646	1.3649			N/A
1/18/2019	CHFSGD	3:30:00 PM	1.3643	1.3647			N/A
1/21/2019	CHFSGD	9:30:00 AM	1.3653	1.3658			N/A
1/21/2019	CHFSGD	11:30:00 AM					N/A
1/21/2019	CHFSGD	1:30:00 PM	1.3628	1.3632			N/A
1/21/2019	CHFSGD	3:30:00 PM	1.3625	1.3629			N/A
1/22/2019	CHFSGD	9:30:00 AM	1.3644	1.3647			N/A
1/22/2019	CHFSGD	11:30:00 AM	1.3645	1.3648			N/A
1/22/2019	CHFSGD	1:30:00 PM	1.3657	1.366			N/A
1/22/2019	CHFSGD	3:30:00 PM	1.3633	1.3636			N/A
1/23/2019	CHFSGD	9:30:00 AM	1.3622	1.3626			N/A
1/23/2019	CHFSGD	11:30:00 AM					N/A
1/23/2019	CHFSGD	1:30:00 PM	1.3628	1.3631			N/A
1/23/2019	CHFSGD	3:30:00 PM	1.3626	1.363			N/A
1/24/2019	CHFSGD	9:30:00 AM	1.367	1.3675			N/A
1/24/2019	CHFSGD	11:30:00 AM	1.3683	1.3685			N/A
1/24/2019	CHFSGD	1:30:00 PM	1.3665	1.3669			N/A
1/24/2019	CHFSGD	3:30:00 PM	1.3667	1.3669			N/A
1/25/2019	CHFSGD	9:30:00 AM	1.3638	1.3642			N/A
1/25/2019	CHFSGD	11:30:00 AM					N/A
1/25/2019	CHFSGD	1:30:00 PM	1.3615	1.3618			N/A
1/25/2019	CHFSGD	3:30:00 PM	1.3604	1.3608			N/A
1/28/2019	CHFSGD	9:30:00 AM	1.3641	1.3644			N/A
1/28/2019	CHFSGD	11:30:00 AM	1.3643	1.3646			N/A
1/28/2019	CHFSGD	1:30:00 PM	1.3641	1.3646			N/A
1/28/2019	CHFSGD	3:30:00 PM	1.364	1.3644			N/A
1/29/2019	CHFSGD	9:30:00 AM	1.3638	1.3642			N/A
1/29/2019	CHFSGD	11:30:00 AM					N/A
1/29/2019	CHFSGD	1:30:00 PM	1.3616	1.362			N/A
1/29/2019	CHFSGD	3:30:00 PM	1.3602	1.3604			N/A
1/30/2019	CHFSGD	9:30:00 AM	1.3565	1.357			N/A
1/30/2019	CHFSGD	11:30:00 AM	1.3558	1.3563			N/A
1/30/2019	CHFSGD	1:30:00 PM	1.3545	1.3549			N/A
1/30/2019	CHFSGD	3:30:00 PM	1.3538	1.3541			N/A
1/31/2019	CHFSGD	9:30:00 AM	1.3551	1.3553			N/A
1/31/2019	CHFSGD	11:30:00 AM					N/A
1/31/2019	CHFSGD	1:30:00 PM	1.3551	1.3556			N/A
1/31/2019	CHFSGD	3:30:00 PM	1.3549	1.3549			N/A
2/1/2019	CHFSGD	9:30:00 AM	1.3552	1.3554			N/A
2/1/2019	CHFSGD	11:30:00 AM	1.3581	1.3582			N/A
2/1/2019	CHFSGD	1:30:00 PM	1.3585	1.359			N/A
2/1/2019	CHFSGD	3:30:00 PM	1.3574	1.3568			N/A
2/4/2019	CHFSGD	9:30:00 AM	1.3572	1.3576			N/A
2/4/2019	CHFSGD	11:30:00 AM					N/A
2/4/2019	CHFSGD	1:30:00 PM	1.3561	1.3565			N/A
2/4/2019	CHFSGD	3:30:00 PM	1.3564	1.3568			N/A
2/5/2019	CHFSGD	9:30:00 AM	1.353	1.3534			N/A
2/5/2019	CHFSGD	11:30:00 AM	1.3527	1.353			N/A
2/5/2019	CHFSGD	1:30:00 PM	1.3506	1.3509			N/A

2/5/2019	CHFSGD	3:30:00 PM	1.3507	1.351			N/A
2/6/2019	CHFSGD	9:30:00 AM	1.3527	1.3531			N/A
2/6/2019	CHFSGD	11:30:00 AM					N/A
2/6/2019	CHFSGD	1:30:00 PM	1.3531	1.3536			N/A
2/6/2019	CHFSGD	3:30:00 PM	1.3534	1.3537			N/A
2/7/2019	CHFSGD	9:30:00 AM	1.3523	1.3527			N/A
2/7/2019	CHFSGD	11:30:00 AM	1.3526	1.353			N/A
2/7/2019	CHFSGD	1:30:00 PM	1.3539	1.3543			N/A
2/7/2019	CHFSGD	3:30:00 PM	1.3542	1.3547			N/A
2/8/2019	CHFSGD	9:30:00 AM	1.354	1.3542			N/A
2/8/2019	CHFSGD	11:30:00 AM					N/A
2/8/2019	CHFSGD	1:30:00 PM	1.3533	1.3538			N/A
2/8/2019	CHFSGD	3:30:00 PM	1.3534	1.3538			N/A
2/11/2019	CHFSGD	9:30:00 AM	1.3559	1.3562			N/A
2/11/2019	CHFSGD	11:30:00 AM	1.3552	1.3553			N/A
2/11/2019	CHFSGD	1:30:00 PM	1.3543	1.3547			N/A
2/11/2019	CHFSGD	3:30:00 PM	1.3534	1.3538			N/A
2/12/2019	CHFSGD	9:30:00 AM	1.3526	1.3529			N/A
2/12/2019	CHFSGD	11:30:00 AM					N/A
2/12/2019	CHFSGD	1:30:00 PM	1.3462	1.3464			N/A
2/12/2019	CHFSGD	3:30:00 PM	1.3462	1.3461			N/A
2/13/2019	CHFSGD	9:30:00 AM	1.3472	1.3476			N/A
2/13/2019	CHFSGD	11:30:00 AM	1.348	1.3484			N/A
2/13/2019	CHFSGD	1:30:00 PM	1.3482	1.3485			N/A
2/13/2019	CHFSGD	3:30:00 PM	1.3492	1.3491			N/A
2/14/2019	CHFSGD	9:30:00 AM	1.3456	1.346			N/A
2/14/2019	CHFSGD	11:30:00 AM					N/A
2/14/2019	CHFSGD	1:30:00 PM	1.3468	1.3472			N/A
2/14/2019	CHFSGD	3:30:00 PM	1.3478	1.3472			N/A
2/15/2019	CHFSGD	9:30:00 AM					N/A
2/15/2019	CHFSGD	11:30:00 AM					N/A
2/15/2019	CHFSGD	1:30:00 PM					N/A
2/15/2019	CHFSGD	3:30:00 PM					N/A
2/18/2019	CHFSGD	9:30:00 AM	1.3505	1.3509			N/A
2/18/2019	CHFSGD	11:30:00 AM					N/A
2/18/2019	CHFSGD	1:30:00 PM	1.3513	1.3517			N/A
2/18/2019	CHFSGD	3:30:00 PM	1.3516	1.352			N/A
2/19/2019	CHFSGD	9:30:00 AM	1.3502	1.3507			N/A
2/19/2019	CHFSGD	11:30:00 AM	1.3503	1.3506			N/A
2/19/2019	CHFSGD	1:30:00 PM	1.3497	1.3501			N/A
2/19/2019	CHFSGD	3:30:00 PM	1.3501	1.3505			N/A
2/20/2019	CHFSGD	9:30:00 AM	1.3502	1.3505			N/A
2/20/2019	CHFSGD	11:30:00 AM					N/A
2/20/2019	CHFSGD	1:30:00 PM	1.3501	1.3503			N/A
2/20/2019	CHFSGD	3:30:00 PM	1.351	1.3514			N/A
2/21/2019	CHFSGD	9:30:00 AM	1.3506	1.3507			N/A
2/21/2019	CHFSGD	11:30:00 AM	1.3511	1.3515			N/A
2/21/2019	CHFSGD	1:30:00 PM	1.3512	1.3516			N/A
2/21/2019	CHFSGD	3:30:00 PM	1.3516	1.3513			N/A
2/22/2019	CHFSGD	9:30:00 AM	1.3521	1.3523			N/A

2/22/2019	CHFSGD	11:30:00 AM					N/A
2/22/2019	CHFSGD	1:30:00 PM	1.3516	1.352			N/A
2/22/2019	CHFSGD	3:30:00 PM	1.3504	1.3508			N/A
2/25/2019	CHFSGD	9:30:00 AM	1.3511	1.3515			N/A
2/25/2019	CHFSGD	11:30:00 AM	1.3502	1.3507			N/A
2/25/2019	CHFSGD	1:30:00 PM	1.3503	1.3508			N/A
2/25/2019	CHFSGD	3:30:00 PM	1.3499	1.3503			N/A
2/26/2019	CHFSGD	9:30:00 AM	1.3486	1.3491			N/A
2/26/2019	CHFSGD	11:30:00 AM					N/A
2/26/2019	CHFSGD	1:30:00 PM	1.3485	1.3489			N/A
2/26/2019	CHFSGD	3:30:00 PM	1.3481	1.3483			N/A
2/27/2019	CHFSGD	9:30:00 AM	1.3483	1.3488			N/A
2/27/2019	CHFSGD	11:30:00 AM	1.35	1.3504			N/A
2/27/2019	CHFSGD	1:30:00 PM	1.352	1.3524			N/A
2/27/2019	CHFSGD	3:30:00 PM	1.3506	1.3509			N/A
2/28/2019	CHFSGD	9:30:00 AM	1.3529	1.3528			N/A
2/28/2019	CHFSGD	11:30:00 AM					N/A
2/28/2019	CHFSGD	1:30:00 PM	1.3567	1.357			N/A
2/28/2019	CHFSGD	3:30:00 PM	1.3562	1.3549			N/A
3/1/2019	CHFSGD	9:30:00 AM	1.3549	1.3553			N/A
3/1/2019	CHFSGD	11:30:00 AM	1.3517	1.3521			N/A
3/1/2019	CHFSGD	1:30:00 PM	1.3544	1.3546			N/A
3/1/2019	CHFSGD	3:30:00 PM	1.3549	1.3551			N/A
3/4/2019	CHFSGD	9:30:00 AM	1.3534	1.3538			N/A
3/4/2019	CHFSGD	11:30:00 AM					N/A
3/4/2019	CHFSGD	1:30:00 PM	1.3537	1.354			N/A
3/4/2019	CHFSGD	3:30:00 PM	1.3548	1.3548			N/A
3/5/2019	CHFSGD	9:30:00 AM	1.3544	1.3547			N/A
3/5/2019	CHFSGD	11:30:00 AM	1.3529	1.3532			N/A
3/5/2019	CHFSGD	1:30:00 PM	1.3544	1.3547			N/A
3/5/2019	CHFSGD	3:30:00 PM	1.3546	1.3548			N/A
3/6/2019	CHFSGD	9:30:00 AM	1.3506	1.351			N/A
3/6/2019	CHFSGD	11:30:00 AM					N/A
3/6/2019	CHFSGD	1:30:00 PM	1.3516	1.352			N/A
3/6/2019	CHFSGD	3:30:00 PM	1.3515	1.3514			N/A
3/7/2019	CHFSGD	9:30:00 AM	1.3505	1.3509			N/A
3/7/2019	CHFSGD	11:30:00 AM	1.3508	1.3513			N/A
3/7/2019	CHFSGD	1:30:00 PM	1.3513	1.3517			N/A
3/7/2019	CHFSGD	3:30:00 PM	1.3477	1.3479			N/A
3/8/2019	CHFSGD	9:30:00 AM	1.3466	1.347			N/A
3/8/2019	CHFSGD	11:30:00 AM					N/A
3/8/2019	CHFSGD	1:30:00 PM	1.3462	1.3467			N/A
3/8/2019	CHFSGD	3:30:00 PM	1.349	1.3472			N/A
3/11/2019	CHFSGD	9:30:00 AM	1.3481	1.3485			N/A
3/11/2019	CHFSGD	11:30:00 AM	1.3482	1.3485			N/A
3/11/2019	CHFSGD	1:30:00 PM	1.3471	1.3475			N/A
3/11/2019	CHFSGD	3:30:00 PM	1.3458	1.3462			N/A
3/12/2019	CHFSGD	9:30:00 AM	1.3416	1.342			N/A
3/12/2019	CHFSGD	11:30:00 AM					N/A
3/12/2019	CHFSGD	1:30:00 PM	1.3453	1.3457			N/A

3/12/2019	CHFSGD	3:30:00 PM	1.3447	1.3451			N/A
3/13/2019	CHFSGD	9:30:00 AM	1.346	1.3464			N/A
3/13/2019	CHFSGD	11:30:00 AM	1.3474	1.3479			N/A
3/13/2019	CHFSGD	1:30:00 PM	1.3476	1.3479			N/A
3/13/2019	CHFSGD	3:30:00 PM	1.3476	1.3479			N/A
3/14/2019	CHFSGD	9:30:00 AM	1.3492	1.3494			N/A
3/14/2019	CHFSGD	11:30:00 AM					N/A
3/14/2019	CHFSGD	1:30:00 PM	1.3501	1.3503			N/A
3/14/2019	CHFSGD	3:30:00 PM	1.3499	1.3502			N/A
3/15/2019	CHFSGD	9:30:00 AM	1.3509	1.3512			N/A
3/15/2019	CHFSGD	11:30:00 AM	1.3487	1.349			N/A
3/15/2019	CHFSGD	1:30:00 PM	1.3488	1.3493			N/A
3/15/2019	CHFSGD	3:30:00 PM	1.3481	1.3484			N/A
3/18/2019	CHFSGD	9:30:00 AM	1.3492	1.3497			N/A
3/18/2019	CHFSGD	11:30:00 AM					N/A
3/18/2019	CHFSGD	1:30:00 PM	1.3511	1.3513			N/A
3/18/2019	CHFSGD	3:30:00 PM	1.3497	1.35			N/A
3/19/2019	CHFSGD	9:30:00 AM	1.3507	1.3511			N/A
3/19/2019	CHFSGD	11:30:00 AM	1.3507	1.3509			N/A
3/19/2019	CHFSGD	1:30:00 PM	1.3507	1.3511			N/A
3/19/2019	CHFSGD	3:30:00 PM	1.351	1.3514			N/A
3/20/2019	CHFSGD	9:30:00 AM	1.3518	1.3522			N/A
3/20/2019	CHFSGD	11:30:00 AM					N/A
3/20/2019	CHFSGD	1:30:00 PM	1.3515	1.352			N/A
3/20/2019	CHFSGD	3:30:00 PM	1.3527	1.353			N/A
3/21/2019	CHFSGD	9:30:00 AM	1.3575	1.3577			N/A
3/21/2019	CHFSGD	11:30:00 AM	1.3566	1.3569			N/A
3/21/2019	CHFSGD	1:30:00 PM	1.3564	1.3568			N/A
3/21/2019	CHFSGD	3:30:00 PM	1.3581	1.3581			N/A
3/22/2019	CHFSGD	9:30:00 AM	1.3593	1.3597			N/A
3/22/2019	CHFSGD	11:30:00 AM					N/A
3/22/2019	CHFSGD	1:30:00 PM	1.3583	1.3586			N/A
3/22/2019	CHFSGD	3:30:00 PM	1.3577	1.358			N/A
3/25/2019	CHFSGD	9:30:00 AM	1.3587	1.359			N/A
3/25/2019	CHFSGD	11:30:00 AM	1.3587	1.3591			N/A
3/25/2019	CHFSGD	1:30:00 PM	1.3593	1.3598			N/A
3/25/2019	CHFSGD	3:30:00 PM	1.3598	1.3599			N/A
3/26/2019	CHFSGD	9:30:00 AM	1.3598	1.3603			N/A
3/26/2019	CHFSGD	11:30:00 AM					N/A
3/26/2019	CHFSGD	1:30:00 PM	1.36	1.3603			N/A
3/26/2019	CHFSGD	3:30:00 PM	1.359	1.3592			N/A
3/27/2019	CHFSGD	9:30:00 AM	1.3597	1.3602			N/A
3/27/2019	CHFSGD	11:30:00 AM	1.3621	1.3626			N/A
3/27/2019	CHFSGD	1:30:00 PM	1.3637	1.3639			N/A
3/27/2019	CHFSGD	3:30:00 PM	1.3625	1.3628			N/A
3/28/2019	CHFSGD	9:30:00 AM	1.3607	1.3612			N/A
3/28/2019	CHFSGD	11:30:00 AM					N/A
3/28/2019	CHFSGD	1:30:00 PM	1.3616	1.362			N/A
3/28/2019	CHFSGD	3:30:00 PM	1.3617	1.362			N/A
3/29/2019	CHFSGD	9:30:00 AM	1.3596	1.3601			N/A

3/29/2019	CHFSGD	11:30:00 AM	1.3615	1.3618			N/A
3/29/2019	CHFSGD	1:30:00 PM	1.3603	1.3607			N/A
3/29/2019	CHFSGD	3:30:00 PM	1.3611	1.3614			N/A
1/1/2019	CHFZAR	9:30:00 AM					N/A
1/1/2019	CHFZAR	11:30:00 AM					N/A
1/1/2019	CHFZAR	1:30:00 PM					N/A
1/1/2019	CHFZAR	3:30:00 PM					N/A
1/2/2019	CHFZAR	9:30:00 AM					N/A
1/2/2019	CHFZAR	11:30:00 AM					N/A
1/2/2019	CHFZAR	1:30:00 PM					N/A
1/2/2019	CHFZAR	3:30:00 PM					N/A
1/3/2019	CHFZAR	9:30:00 AM					N/A
1/3/2019	CHFZAR	11:30:00 AM					N/A
1/3/2019	CHFZAR	1:30:00 PM					N/A
1/3/2019	CHFZAR	3:30:00 PM					N/A
1/4/2019	CHFZAR	9:30:00 AM					N/A
1/4/2019	CHFZAR	11:30:00 AM					N/A
1/4/2019	CHFZAR	1:30:00 PM					N/A
1/4/2019	CHFZAR	3:30:00 PM					N/A
1/7/2019	CHFZAR	9:30:00 AM	14.152	14.1614			N/A
1/7/2019	CHFZAR	11:30:00 AM					N/A
1/7/2019	CHFZAR	1:30:00 PM	14.1683	14.1827			N/A
1/7/2019	CHFZAR	3:30:00 PM	14.1141	14.1082			N/A
1/8/2019	CHFZAR	9:30:00 AM	14.2337	14.2355			N/A
1/8/2019	CHFZAR	11:30:00 AM	14.222	14.2344			N/A
1/8/2019	CHFZAR	1:30:00 PM	14.2631	14.2675			N/A
1/8/2019	CHFZAR	3:30:00 PM	14.2415	14.2548			N/A
1/9/2019	CHFZAR	9:30:00 AM	14.1207	14.1348			N/A
1/9/2019	CHFZAR	11:30:00 AM					N/A
1/9/2019	CHFZAR	1:30:00 PM	14.2719	14.276			N/A
1/9/2019	CHFZAR	3:30:00 PM	14.2304	14.236			N/A
1/10/2019	CHFZAR	9:30:00 AM	14.2534	14.2615			N/A
1/10/2019	CHFZAR	11:30:00 AM	14.2692	14.2782			N/A
1/10/2019	CHFZAR	1:30:00 PM	14.2023	14.2117			N/A
1/10/2019	CHFZAR	3:30:00 PM	14.1579	14.1507			N/A
1/11/2019	CHFZAR	9:30:00 AM	14.0658	14.0795			N/A
1/11/2019	CHFZAR	11:30:00 AM					N/A
1/11/2019	CHFZAR	1:30:00 PM	14.0553	14.0627			N/A
1/11/2019	CHFZAR	3:30:00 PM	14.0776	14.0857			N/A
1/14/2019	CHFZAR	9:30:00 AM	14.1683	14.1684			N/A
1/14/2019	CHFZAR	11:30:00 AM	14.152	14.1597			N/A
1/14/2019	CHFZAR	1:30:00 PM	14.1555	14.1685			N/A
1/14/2019	CHFZAR	3:30:00 PM	14.1177	14.1308			N/A
1/15/2019	CHFZAR	9:30:00 AM	14.0559	14.0641			N/A
1/15/2019	CHFZAR	11:30:00 AM					N/A
1/15/2019	CHFZAR	1:30:00 PM	13.9889	14.0015			N/A
1/15/2019	CHFZAR	3:30:00 PM	13.9975	14.0004			N/A
1/16/2019	CHFZAR	9:30:00 AM	13.8662	13.8789			N/A
1/16/2019	CHFZAR	11:30:00 AM	13.821	13.832			N/A
1/16/2019	CHFZAR	1:30:00 PM	13.8521	13.8659			N/A

1/16/2019	CHFZAR	3:30:00 PM	13.8644	13.8729			N/A
1/17/2019	CHFZAR	9:30:00 AM	13.8447	13.8515			N/A
1/17/2019	CHFZAR	11:30:00 AM					N/A
1/17/2019	CHFZAR	1:30:00 PM	13.8133	13.8288			N/A
1/17/2019	CHFZAR	3:30:00 PM	13.8687	13.8785			N/A
1/18/2019	CHFZAR	9:30:00 AM	13.8162	13.8238			N/A
1/18/2019	CHFZAR	11:30:00 AM	13.8708	13.8811			N/A
1/18/2019	CHFZAR	1:30:00 PM	13.8901	13.9059			N/A
1/18/2019	CHFZAR	3:30:00 PM	13.8477	13.8582			N/A
1/21/2019	CHFZAR	9:30:00 AM	13.9152	13.9294			N/A
1/21/2019	CHFZAR	11:30:00 AM					N/A
1/21/2019	CHFZAR	1:30:00 PM	13.8873	13.9018			N/A
1/21/2019	CHFZAR	3:30:00 PM	13.8761	13.8853			N/A
1/22/2019	CHFZAR	9:30:00 AM	13.9352	13.9425			N/A
1/22/2019	CHFZAR	11:30:00 AM	13.9385	13.9518			N/A
1/22/2019	CHFZAR	1:30:00 PM	13.9705	13.9799			N/A
1/22/2019	CHFZAR	3:30:00 PM	13.8998	13.9074			N/A
1/23/2019	CHFZAR	9:30:00 AM	13.9477	13.9571			N/A
1/23/2019	CHFZAR	11:30:00 AM					N/A
1/23/2019	CHFZAR	1:30:00 PM	13.8816	13.8922			N/A
1/23/2019	CHFZAR	3:30:00 PM	13.8944	13.9048			N/A
1/24/2019	CHFZAR	9:30:00 AM	13.8879	13.9005			N/A
1/24/2019	CHFZAR	11:30:00 AM	13.872	13.8849			N/A
1/24/2019	CHFZAR	1:30:00 PM	13.882	13.894			N/A
1/24/2019	CHFZAR	3:30:00 PM	13.8576	13.8696			N/A
1/25/2019	CHFZAR	9:30:00 AM	13.7271	13.7318			N/A
1/25/2019	CHFZAR	11:30:00 AM					N/A
1/25/2019	CHFZAR	1:30:00 PM	13.7395	13.7507			N/A
1/25/2019	CHFZAR	3:30:00 PM	13.6781	13.6906			N/A
1/28/2019	CHFZAR	9:30:00 AM	13.7341	13.731			N/A
1/28/2019	CHFZAR	11:30:00 AM	13.7326	13.7457			N/A
1/28/2019	CHFZAR	1:30:00 PM	13.7359	13.7448			N/A
1/28/2019	CHFZAR	3:30:00 PM	13.7637	13.769			N/A
1/29/2019	CHFZAR	9:30:00 AM	13.7911	13.7953			N/A
1/29/2019	CHFZAR	11:30:00 AM					N/A
1/29/2019	CHFZAR	1:30:00 PM	13.7357	13.75			N/A
1/29/2019	CHFZAR	3:30:00 PM	13.6925	13.7074			N/A
1/30/2019	CHFZAR	9:30:00 AM	13.6358	13.6471			N/A
1/30/2019	CHFZAR	11:30:00 AM	13.6345	13.6413			N/A
1/30/2019	CHFZAR	1:30:00 PM	13.632	13.6429			N/A
1/30/2019	CHFZAR	3:30:00 PM	13.6432	13.6489			N/A
1/31/2019	CHFZAR	9:30:00 AM	13.4505	13.4557			N/A
1/31/2019	CHFZAR	11:30:00 AM					N/A
1/31/2019	CHFZAR	1:30:00 PM	13.4117	13.4174			N/A
1/31/2019	CHFZAR	3:30:00 PM	13.3501	13.3561			N/A
2/1/2019	CHFZAR	9:30:00 AM	13.3839	13.3937			N/A
2/1/2019	CHFZAR	11:30:00 AM	13.3693	13.3769			N/A
2/1/2019	CHFZAR	1:30:00 PM	13.3647	13.3769			N/A
2/1/2019	CHFZAR	3:30:00 PM	13.3936	13.3998			N/A
2/4/2019	CHFZAR	9:30:00 AM	13.3946	13.4058			N/A

2/4/2019	CHFZAR	11:30:00 AM					N/A
2/4/2019	CHFZAR	1:30:00 PM	13.3953	13.4098			N/A
2/4/2019	CHFZAR	3:30:00 PM	13.4278	13.4377			N/A
2/5/2019	CHFZAR	9:30:00 AM	13.4115	13.4233			N/A
2/5/2019	CHFZAR	11:30:00 AM	13.3582	13.3638			N/A
2/5/2019	CHFZAR	1:30:00 PM	13.3543	13.365			N/A
2/5/2019	CHFZAR	3:30:00 PM	13.3466	13.354			N/A
2/6/2019	CHFZAR	9:30:00 AM	13.4343	13.4452			N/A
2/6/2019	CHFZAR	11:30:00 AM					N/A
2/6/2019	CHFZAR	1:30:00 PM	13.4583	13.4743			N/A
2/6/2019	CHFZAR	3:30:00 PM	13.459	13.4712			N/A
2/7/2019	CHFZAR	9:30:00 AM	13.5317	13.5451			N/A
2/7/2019	CHFZAR	11:30:00 AM	13.5408	13.5547			N/A
2/7/2019	CHFZAR	1:30:00 PM	13.5847	13.5995			N/A
2/7/2019	CHFZAR	3:30:00 PM	13.5887	13.5873			N/A
2/8/2019	CHFZAR	9:30:00 AM	13.6484	13.6586			N/A
2/8/2019	CHFZAR	11:30:00 AM					N/A
2/8/2019	CHFZAR	1:30:00 PM	13.5927	13.6083			N/A
2/8/2019	CHFZAR	3:30:00 PM	13.5802	13.5858			N/A
2/11/2019	CHFZAR	9:30:00 AM	13.5847	13.5974			N/A
2/11/2019	CHFZAR	11:30:00 AM	13.5998	13.6122			N/A
2/11/2019	CHFZAR	1:30:00 PM	13.688	13.6973			N/A
2/11/2019	CHFZAR	3:30:00 PM	13.6824	13.6924			N/A
2/12/2019	CHFZAR	9:30:00 AM	13.701	13.7138			N/A
2/12/2019	CHFZAR	11:30:00 AM					N/A
2/12/2019	CHFZAR	1:30:00 PM	13.6587	13.6724			N/A
2/12/2019	CHFZAR	3:30:00 PM	13.6366	13.6463			N/A
2/13/2019	CHFZAR	9:30:00 AM	13.6491	13.6616			N/A
2/13/2019	CHFZAR	11:30:00 AM	13.7127	13.7215			N/A
2/13/2019	CHFZAR	1:30:00 PM	13.802	13.8119			N/A
2/13/2019	CHFZAR	3:30:00 PM	13.79	13.7979			N/A
2/14/2019	CHFZAR	9:30:00 AM	13.8499	13.86			N/A
2/14/2019	CHFZAR	11:30:00 AM					N/A
2/14/2019	CHFZAR	1:30:00 PM	13.9688	13.9835			N/A
2/14/2019	CHFZAR	3:30:00 PM	14.033	14.0429			N/A
2/15/2019	CHFZAR	9:30:00 AM					N/A
2/15/2019	CHFZAR	11:30:00 AM					N/A
2/15/2019	CHFZAR	1:30:00 PM					N/A
2/15/2019	CHFZAR	3:30:00 PM					N/A
2/18/2019	CHFZAR	9:30:00 AM	13.9944	13.9999			N/A
2/18/2019	CHFZAR	11:30:00 AM					N/A
2/18/2019	CHFZAR	1:30:00 PM	14.0189	14.0342			N/A
2/18/2019	CHFZAR	3:30:00 PM	14.0489	14.0646			N/A
2/19/2019	CHFZAR	9:30:00 AM	14.0561	14.0707			N/A
2/19/2019	CHFZAR	11:30:00 AM	14.1154	14.1264			N/A
2/19/2019	CHFZAR	1:30:00 PM	14.0939	14.107			N/A
2/19/2019	CHFZAR	3:30:00 PM	14.0935	14.1068			N/A
2/20/2019	CHFZAR	9:30:00 AM	14.0638	14.0744			N/A
2/20/2019	CHFZAR	11:30:00 AM					N/A
2/20/2019	CHFZAR	1:30:00 PM	14.1192	14.1217			N/A

2/20/2019	CHFZAR	3:30:00 PM	14.1038	14.1102			N/A
2/21/2019	CHFZAR	9:30:00 AM	13.9151	13.926			N/A
2/21/2019	CHFZAR	11:30:00 AM	13.9028	13.9104			N/A
2/21/2019	CHFZAR	1:30:00 PM	13.8877	13.8959			N/A
2/21/2019	CHFZAR	3:30:00 PM	13.9575	13.9707			N/A
2/22/2019	CHFZAR	9:30:00 AM	13.9459	13.9606			N/A
2/22/2019	CHFZAR	11:30:00 AM					N/A
2/22/2019	CHFZAR	1:30:00 PM	13.9851	14.0004			N/A
2/22/2019	CHFZAR	3:30:00 PM	13.9494	13.9623			N/A
2/25/2019	CHFZAR	9:30:00 AM	13.9092	13.9223			N/A
2/25/2019	CHFZAR	11:30:00 AM	13.8716	13.8848			N/A
2/25/2019	CHFZAR	1:30:00 PM	13.8625	13.8738			N/A
2/25/2019	CHFZAR	3:30:00 PM	13.8732	13.8835			N/A
2/26/2019	CHFZAR	9:30:00 AM	13.8434	13.8518			N/A
2/26/2019	CHFZAR	11:30:00 AM					N/A
2/26/2019	CHFZAR	1:30:00 PM	13.8455	13.8561			N/A
2/26/2019	CHFZAR	3:30:00 PM	13.8412	13.8453			N/A
2/27/2019	CHFZAR	9:30:00 AM	13.8588	13.863			N/A
2/27/2019	CHFZAR	11:30:00 AM	13.8722	13.8827			N/A
2/27/2019	CHFZAR	1:30:00 PM	13.8956	13.909			N/A
2/27/2019	CHFZAR	3:30:00 PM	13.8903	13.8984			N/A
2/28/2019	CHFZAR	9:30:00 AM	13.9899	13.9997			N/A
2/28/2019	CHFZAR	11:30:00 AM					N/A
2/28/2019	CHFZAR	1:30:00 PM	14.0279	14.0426			N/A
2/28/2019	CHFZAR	3:30:00 PM	14.0272	14.032			N/A
3/1/2019	CHFZAR	9:30:00 AM	14.1015	14.1133			N/A
3/1/2019	CHFZAR	11:30:00 AM	14.1099	14.1213			N/A
3/1/2019	CHFZAR	1:30:00 PM	14.1168	14.128			N/A
3/1/2019	CHFZAR	3:30:00 PM	14.1885	14.1962			N/A
3/4/2019	CHFZAR	9:30:00 AM	14.1495	14.1624			N/A
3/4/2019	CHFZAR	11:30:00 AM					N/A
3/4/2019	CHFZAR	1:30:00 PM	14.2222	14.2346			N/A
3/4/2019	CHFZAR	3:30:00 PM	14.2047	14.2122			N/A
3/5/2019	CHFZAR	9:30:00 AM	14.1971	14.2024			N/A
3/5/2019	CHFZAR	11:30:00 AM	14.1515	14.1272			N/A
3/5/2019	CHFZAR	1:30:00 PM	14.1253	14.136			N/A
3/5/2019	CHFZAR	3:30:00 PM	14.1529	14.1642			N/A
3/6/2019	CHFZAR	9:30:00 AM	14.1422	14.156			N/A
3/6/2019	CHFZAR	11:30:00 AM					N/A
3/6/2019	CHFZAR	1:30:00 PM	14.1353	14.1488			N/A
3/6/2019	CHFZAR	3:30:00 PM	14.1263	14.1398			N/A
3/7/2019	CHFZAR	9:30:00 AM	14.1621	14.1778			N/A
3/7/2019	CHFZAR	11:30:00 AM	14.2353	14.2412			N/A
3/7/2019	CHFZAR	1:30:00 PM	14.2678	14.2766			N/A
3/7/2019	CHFZAR	3:30:00 PM	14.2132	14.2251			N/A
3/8/2019	CHFZAR	9:30:00 AM	14.4236	14.4288			N/A
3/8/2019	CHFZAR	11:30:00 AM					N/A
3/8/2019	CHFZAR	1:30:00 PM	14.3831	14.3753			N/A
3/8/2019	CHFZAR	3:30:00 PM	14.3907	14.4038			N/A
3/11/2019	CHFZAR	9:30:00 AM	14.3003	14.3104			N/A

3/11/2019	CHFZAR	11:30:00 AM	14.2534	14.2634			N/A
3/11/2019	CHFZAR	1:30:00 PM	14.2513	14.2637			N/A
3/11/2019	CHFZAR	3:30:00 PM	14.2177	14.2298			N/A
3/12/2019	CHFZAR	9:30:00 AM	14.1459	14.1577			N/A
3/12/2019	CHFZAR	11:30:00 AM					N/A
3/12/2019	CHFZAR	1:30:00 PM	14.161	14.1745			N/A
3/12/2019	CHFZAR	3:30:00 PM	14.1587	14.164			N/A
3/13/2019	CHFZAR	9:30:00 AM	14.2442	14.256			N/A
3/13/2019	CHFZAR	11:30:00 AM	14.2471	14.258			N/A
3/13/2019	CHFZAR	1:30:00 PM	14.2468	14.2558			N/A
3/13/2019	CHFZAR	3:30:00 PM	14.2361	14.2486			N/A
3/14/2019	CHFZAR	9:30:00 AM	14.3738	14.3835			N/A
3/14/2019	CHFZAR	11:30:00 AM					N/A
3/14/2019	CHFZAR	1:30:00 PM	14.3805	14.3911			N/A
3/14/2019	CHFZAR	3:30:00 PM	14.4137	14.4246			N/A
3/15/2019	CHFZAR	9:30:00 AM	14.4155	14.4308			N/A
3/15/2019	CHFZAR	11:30:00 AM	14.3846	14.3965			N/A
3/15/2019	CHFZAR	1:30:00 PM	14.3833	14.388			N/A
3/15/2019	CHFZAR	3:30:00 PM	14.3671	14.3735			N/A
3/18/2019	CHFZAR	9:30:00 AM	14.397	14.4072			N/A
3/18/2019	CHFZAR	11:30:00 AM					N/A
3/18/2019	CHFZAR	1:30:00 PM	14.4019	14.4161			N/A
3/18/2019	CHFZAR	3:30:00 PM	14.3683	14.3828			N/A
3/19/2019	CHFZAR	9:30:00 AM	14.4431	14.4536			N/A
3/19/2019	CHFZAR	11:30:00 AM	14.3694	14.3838			N/A
3/19/2019	CHFZAR	1:30:00 PM	14.3774	14.3882			N/A
3/19/2019	CHFZAR	3:30:00 PM	14.4265	14.4336			N/A
3/20/2019	CHFZAR	9:30:00 AM	14.4755	14.491			N/A
3/20/2019	CHFZAR	11:30:00 AM					N/A
3/20/2019	CHFZAR	1:30:00 PM	14.474	14.4863			N/A
3/20/2019	CHFZAR	3:30:00 PM	14.4258	14.4371			N/A
3/21/2019	CHFZAR	9:30:00 AM	14.2721	14.277			N/A
3/21/2019	CHFZAR	11:30:00 AM	14.2743	14.2865			N/A
3/21/2019	CHFZAR	1:30:00 PM	14.3006	14.311			N/A
3/21/2019	CHFZAR	3:30:00 PM	14.2902	14.3012			N/A
3/22/2019	CHFZAR	9:30:00 AM	14.3219	14.33			N/A
3/22/2019	CHFZAR	11:30:00 AM					N/A
3/22/2019	CHFZAR	1:30:00 PM	14.4501	14.4596			N/A
3/22/2019	CHFZAR	3:30:00 PM	14.4527	14.4633			N/A
3/25/2019	CHFZAR	9:30:00 AM	14.5724	14.5635			N/A
3/25/2019	CHFZAR	11:30:00 AM	14.4989	14.5109			N/A
3/25/2019	CHFZAR	1:30:00 PM	14.5458	14.5461			N/A
3/25/2019	CHFZAR	3:30:00 PM	14.506	14.5089			N/A
3/26/2019	CHFZAR	9:30:00 AM	14.448	14.4577			N/A
3/26/2019	CHFZAR	11:30:00 AM					N/A
3/26/2019	CHFZAR	1:30:00 PM	14.4619	14.4727			N/A
3/26/2019	CHFZAR	3:30:00 PM	14.4701	14.4766			N/A
3/27/2019	CHFZAR	9:30:00 AM	14.5475	14.5544			N/A
3/27/2019	CHFZAR	11:30:00 AM	14.5531	14.5647			N/A
3/27/2019	CHFZAR	1:30:00 PM	14.7266	14.7203			N/A

3/27/2019	CHFZAR	3:30:00 PM	14.6811	14.6831			N/A
3/28/2019	CHFZAR	9:30:00 AM	14.6595	14.6724			N/A
3/28/2019	CHFZAR	11:30:00 AM					N/A
3/28/2019	CHFZAR	1:30:00 PM	14.7683	14.7685			N/A
3/28/2019	CHFZAR	3:30:00 PM	14.7267	14.7337			N/A
3/29/2019	CHFZAR	9:30:00 AM	14.6212	14.6311			N/A
3/29/2019	CHFZAR	11:30:00 AM	14.6097	14.6227			N/A
3/29/2019	CHFZAR	1:30:00 PM	14.5443	14.5597			N/A
3/29/2019	CHFZAR	3:30:00 PM	14.5431	14.5528			N/A
1/1/2019	CZKJPY	9:30:00 AM					N/A
1/1/2019	CZKJPY	11:30:00 AM					N/A
1/1/2019	CZKJPY	1:30:00 PM					N/A
1/1/2019	CZKJPY	3:30:00 PM					N/A
1/2/2019	CZKJPY	9:30:00 AM					N/A
1/2/2019	CZKJPY	11:30:00 AM					N/A
1/2/2019	CZKJPY	1:30:00 PM					N/A
1/2/2019	CZKJPY	3:30:00 PM					N/A
1/3/2019	CZKJPY	9:30:00 AM					N/A
1/3/2019	CZKJPY	11:30:00 AM					N/A
1/3/2019	CZKJPY	1:30:00 PM					N/A
1/3/2019	CZKJPY	3:30:00 PM					N/A
1/4/2019	CZKJPY	9:30:00 AM					N/A
1/4/2019	CZKJPY	11:30:00 AM					N/A
1/4/2019	CZKJPY	1:30:00 PM					N/A
1/4/2019	CZKJPY	3:30:00 PM					N/A
1/7/2019	CZKJPY	9:30:00 AM	4.84	4.844			N/A
1/7/2019	CZKJPY	11:30:00 AM					N/A
1/7/2019	CZKJPY	1:30:00 PM	4.85	4.854			N/A
1/7/2019	CZKJPY	3:30:00 PM	4.853	4.857			N/A
1/8/2019	CZKJPY	9:30:00 AM	4.882	4.883			N/A
1/8/2019	CZKJPY	11:30:00 AM	4.868	4.871			N/A
1/8/2019	CZKJPY	1:30:00 PM	4.858	4.862			N/A
1/8/2019	CZKJPY	3:30:00 PM	4.858	4.861			N/A
1/9/2019	CZKJPY	9:30:00 AM	4.878	4.881			N/A
1/9/2019	CZKJPY	11:30:00 AM					N/A
1/9/2019	CZKJPY	1:30:00 PM	4.867	4.868			N/A
1/9/2019	CZKJPY	3:30:00 PM					N/A
1/10/2019	CZKJPY	9:30:00 AM	4.867	4.871			N/A
1/10/2019	CZKJPY	11:30:00 AM					N/A
1/10/2019	CZKJPY	1:30:00 PM	4.865	4.867			N/A
1/10/2019	CZKJPY	3:30:00 PM	4.87	4.874			N/A
1/11/2019	CZKJPY	9:30:00 AM	4.889	4.893			N/A
1/11/2019	CZKJPY	11:30:00 AM					N/A
1/11/2019	CZKJPY	1:30:00 PM	4.879	4.883			N/A
1/11/2019	CZKJPY	3:30:00 PM	4.884	4.886			N/A
1/14/2019	CZKJPY	9:30:00 AM	4.855	4.858			N/A
1/14/2019	CZKJPY	11:30:00 AM	4.855	4.858			N/A
1/14/2019	CZKJPY	1:30:00 PM	4.846	4.849			N/A
1/14/2019	CZKJPY	3:30:00 PM	4.849	4.852			N/A
1/15/2019	CZKJPY	9:30:00 AM	4.884	4.887			N/A

1/15/2019	CZKJPY	11:30:00 AM					N/A
1/15/2019	CZKJPY	1:30:00 PM					N/A
1/15/2019	CZKJPY	3:30:00 PM	4.853	4.854			N/A
1/16/2019	CZKJPY	9:30:00 AM	4.85	4.854			N/A
1/16/2019	CZKJPY	11:30:00 AM					N/A
1/16/2019	CZKJPY	1:30:00 PM					N/A
1/16/2019	CZKJPY	3:30:00 PM					N/A
1/17/2019	CZKJPY	9:30:00 AM	4.85	4.854			N/A
1/17/2019	CZKJPY	11:30:00 AM					N/A
1/17/2019	CZKJPY	1:30:00 PM					N/A
1/17/2019	CZKJPY	3:30:00 PM	4.858	4.86			N/A
1/18/2019	CZKJPY	9:30:00 AM					N/A
1/18/2019	CZKJPY	11:30:00 AM					N/A
1/18/2019	CZKJPY	1:30:00 PM					N/A
1/18/2019	CZKJPY	3:30:00 PM	4.881	4.884			N/A
1/21/2019	CZKJPY	9:30:00 AM					N/A
1/21/2019	CZKJPY	11:30:00 AM					N/A
1/21/2019	CZKJPY	1:30:00 PM	4.873	4.876			N/A
1/21/2019	CZKJPY	3:30:00 PM					N/A
1/22/2019	CZKJPY	9:30:00 AM	4.856	4.86			N/A
1/22/2019	CZKJPY	11:30:00 AM	4.857	4.861			N/A
1/22/2019	CZKJPY	1:30:00 PM	4.856	4.86			N/A
1/22/2019	CZKJPY	3:30:00 PM	4.855	4.859			N/A
1/23/2019	CZKJPY	9:30:00 AM	4.862	4.866			N/A
1/23/2019	CZKJPY	11:30:00 AM					N/A
1/23/2019	CZKJPY	1:30:00 PM					N/A
1/23/2019	CZKJPY	3:30:00 PM					N/A
1/24/2019	CZKJPY	9:30:00 AM					N/A
1/24/2019	CZKJPY	11:30:00 AM	4.843	4.846			N/A
1/24/2019	CZKJPY	1:30:00 PM	4.847	4.848			N/A
1/24/2019	CZKJPY	3:30:00 PM	4.841	4.845			N/A
1/25/2019	CZKJPY	9:30:00 AM					N/A
1/25/2019	CZKJPY	11:30:00 AM					N/A
1/25/2019	CZKJPY	1:30:00 PM	4.846	4.85			N/A
1/25/2019	CZKJPY	3:30:00 PM	4.858	4.862			N/A
1/28/2019	CZKJPY	9:30:00 AM	4.863	4.867			N/A
1/28/2019	CZKJPY	11:30:00 AM					N/A
1/28/2019	CZKJPY	1:30:00 PM	4.86	4.864			N/A
1/28/2019	CZKJPY	3:30:00 PM	4.858	4.862			N/A
1/29/2019	CZKJPY	9:30:00 AM					N/A
1/29/2019	CZKJPY	11:30:00 AM					N/A
1/29/2019	CZKJPY	1:30:00 PM					N/A
1/29/2019	CZKJPY	3:30:00 PM					N/A
1/30/2019	CZKJPY	9:30:00 AM					N/A
1/30/2019	CZKJPY	11:30:00 AM	4.85	4.854			N/A
1/30/2019	CZKJPY	1:30:00 PM					N/A
1/30/2019	CZKJPY	3:30:00 PM					N/A
1/31/2019	CZKJPY	9:30:00 AM	4.858	4.862			N/A
1/31/2019	CZKJPY	11:30:00 AM					N/A
1/31/2019	CZKJPY	1:30:00 PM	4.847	4.85			N/A

1/31/2019	CZKJPY	3:30:00 PM	4.845	4.849			N/A
2/1/2019	CZKJPY	9:30:00 AM					N/A
2/1/2019	CZKJPY	11:30:00 AM	4.851	4.855			N/A
2/1/2019	CZKJPY	1:30:00 PM	4.855	4.859			N/A
2/1/2019	CZKJPY	3:30:00 PM	4.869	4.869			N/A
2/4/2019	CZKJPY	9:30:00 AM					N/A
2/4/2019	CZKJPY	11:30:00 AM					N/A
2/4/2019	CZKJPY	1:30:00 PM	4.89	4.894			N/A
2/4/2019	CZKJPY	3:30:00 PM	4.896	4.899			N/A
2/5/2019	CZKJPY	9:30:00 AM					N/A
2/5/2019	CZKJPY	11:30:00 AM					N/A
2/5/2019	CZKJPY	1:30:00 PM					N/A
2/5/2019	CZKJPY	3:30:00 PM	4.887	4.891			N/A
2/6/2019	CZKJPY	9:30:00 AM					N/A
2/6/2019	CZKJPY	11:30:00 AM					N/A
2/6/2019	CZKJPY	1:30:00 PM	4.853	4.857			N/A
2/6/2019	CZKJPY	3:30:00 PM					N/A
2/7/2019	CZKJPY	9:30:00 AM					N/A
2/7/2019	CZKJPY	11:30:00 AM	4.84	4.844			N/A
2/7/2019	CZKJPY	1:30:00 PM	4.827	4.83			N/A
2/7/2019	CZKJPY	3:30:00 PM	4.824	4.828			N/A
2/8/2019	CZKJPY	9:30:00 AM	4.825	4.829			N/A
2/8/2019	CZKJPY	11:30:00 AM					N/A
2/8/2019	CZKJPY	1:30:00 PM	4.831	4.835			N/A
2/8/2019	CZKJPY	3:30:00 PM					N/A
2/11/2019	CZKJPY	9:30:00 AM	4.827	4.831			N/A
2/11/2019	CZKJPY	11:30:00 AM	4.83	4.833			N/A
2/11/2019	CZKJPY	1:30:00 PM	4.829	4.833			N/A
2/11/2019	CZKJPY	3:30:00 PM					N/A
2/12/2019	CZKJPY	9:30:00 AM					N/A
2/12/2019	CZKJPY	11:30:00 AM					N/A
2/12/2019	CZKJPY	1:30:00 PM					N/A
2/12/2019	CZKJPY	3:30:00 PM					N/A
2/13/2019	CZKJPY	9:30:00 AM	4.852	4.856			N/A
2/13/2019	CZKJPY	11:30:00 AM					N/A
2/13/2019	CZKJPY	1:30:00 PM	4.852	4.855			N/A
2/13/2019	CZKJPY	3:30:00 PM	4.854	4.856			N/A
2/14/2019	CZKJPY	9:30:00 AM	4.866	4.87			N/A
2/14/2019	CZKJPY	11:30:00 AM					N/A
2/14/2019	CZKJPY	1:30:00 PM	4.859	4.862			N/A
2/14/2019	CZKJPY	3:30:00 PM	4.856	4.86			N/A
2/15/2019	CZKJPY	9:30:00 AM					N/A
2/15/2019	CZKJPY	11:30:00 AM					N/A
2/15/2019	CZKJPY	1:30:00 PM					N/A
2/15/2019	CZKJPY	3:30:00 PM					N/A
2/18/2019	CZKJPY	9:30:00 AM					N/A
2/18/2019	CZKJPY	11:30:00 AM					N/A
2/18/2019	CZKJPY	1:30:00 PM					N/A
2/18/2019	CZKJPY	3:30:00 PM					N/A
2/19/2019	CZKJPY	9:30:00 AM					N/A

2/19/2019	CZKJPY	11:30:00 AM	4.869	4.87			N/A
2/19/2019	CZKJPY	1:30:00 PM	4.861	4.865			N/A
2/19/2019	CZKJPY	3:30:00 PM					N/A
2/20/2019	CZKJPY	9:30:00 AM					N/A
2/20/2019	CZKJPY	11:30:00 AM					N/A
2/20/2019	CZKJPY	1:30:00 PM	4.894	4.898			N/A
2/20/2019	CZKJPY	3:30:00 PM	4.893	4.896			N/A
2/21/2019	CZKJPY	9:30:00 AM					N/A
2/21/2019	CZKJPY	11:30:00 AM	4.891	4.895			N/A
2/21/2019	CZKJPY	1:30:00 PM	4.899	4.903			N/A
2/21/2019	CZKJPY	3:30:00 PM	4.903	4.906			N/A
2/22/2019	CZKJPY	9:30:00 AM					N/A
2/22/2019	CZKJPY	11:30:00 AM					N/A
2/22/2019	CZKJPY	1:30:00 PM	4.904	4.908			N/A
2/22/2019	CZKJPY	3:30:00 PM					N/A
2/25/2019	CZKJPY	9:30:00 AM	4.902	4.905			N/A
2/25/2019	CZKJPY	11:30:00 AM					N/A
2/25/2019	CZKJPY	1:30:00 PM					N/A
2/25/2019	CZKJPY	3:30:00 PM					N/A
2/26/2019	CZKJPY	9:30:00 AM	4.909	4.913			N/A
2/26/2019	CZKJPY	11:30:00 AM					N/A
2/26/2019	CZKJPY	1:30:00 PM	4.911	4.914			N/A
2/26/2019	CZKJPY	3:30:00 PM					N/A
2/27/2019	CZKJPY	9:30:00 AM					N/A
2/27/2019	CZKJPY	11:30:00 AM	4.91	4.913			N/A
2/27/2019	CZKJPY	1:30:00 PM	4.913	4.917			N/A
2/27/2019	CZKJPY	3:30:00 PM					N/A
2/28/2019	CZKJPY	9:30:00 AM	4.918	4.922			N/A
2/28/2019	CZKJPY	11:30:00 AM					N/A
2/28/2019	CZKJPY	1:30:00 PM					N/A
2/28/2019	CZKJPY	3:30:00 PM	4.942	4.943			N/A
3/1/2019	CZKJPY	9:30:00 AM	4.966	4.97			N/A
3/1/2019	CZKJPY	11:30:00 AM	4.969	4.973			N/A
3/1/2019	CZKJPY	1:30:00 PM					N/A
3/1/2019	CZKJPY	3:30:00 PM	4.97	4.973			N/A
3/4/2019	CZKJPY	9:30:00 AM					N/A
3/4/2019	CZKJPY	11:30:00 AM					N/A
3/4/2019	CZKJPY	1:30:00 PM					N/A
3/4/2019	CZKJPY	3:30:00 PM					N/A
3/5/2019	CZKJPY	9:30:00 AM	4.947	4.951			N/A
3/5/2019	CZKJPY	11:30:00 AM	4.955	4.958			N/A
3/5/2019	CZKJPY	1:30:00 PM					N/A
3/5/2019	CZKJPY	3:30:00 PM					N/A
3/6/2019	CZKJPY	9:30:00 AM					N/A
3/6/2019	CZKJPY	11:30:00 AM					N/A
3/6/2019	CZKJPY	1:30:00 PM					N/A
3/6/2019	CZKJPY	3:30:00 PM					N/A
3/7/2019	CZKJPY	9:30:00 AM					N/A
3/7/2019	CZKJPY	11:30:00 AM					N/A
3/7/2019	CZKJPY	1:30:00 PM					N/A

3/7/2019	CZKJPY	3:30:00 PM	4.922	4.925			N/A
3/8/2019	CZKJPY	9:30:00 AM					N/A
3/8/2019	CZKJPY	11:30:00 AM					N/A
3/8/2019	CZKJPY	1:30:00 PM					N/A
3/8/2019	CZKJPY	3:30:00 PM					N/A
3/11/2019	CZKJPY	9:30:00 AM	4.879	4.883			N/A
3/11/2019	CZKJPY	11:30:00 AM					N/A
3/11/2019	CZKJPY	1:30:00 PM					N/A
3/11/2019	CZKJPY	3:30:00 PM	4.871	4.874			N/A
3/12/2019	CZKJPY	9:30:00 AM					N/A
3/12/2019	CZKJPY	11:30:00 AM					N/A
3/12/2019	CZKJPY	1:30:00 PM	4.878	4.881			N/A
3/12/2019	CZKJPY	3:30:00 PM					N/A
3/13/2019	CZKJPY	9:30:00 AM					N/A
3/13/2019	CZKJPY	11:30:00 AM					N/A
3/13/2019	CZKJPY	1:30:00 PM					N/A
3/13/2019	CZKJPY	3:30:00 PM	4.905	4.906			N/A
3/14/2019	CZKJPY	9:30:00 AM	4.928	4.932			N/A
3/14/2019	CZKJPY	11:30:00 AM					N/A
3/14/2019	CZKJPY	1:30:00 PM	4.917	4.92			N/A
3/14/2019	CZKJPY	3:30:00 PM	4.915	4.919			N/A
3/15/2019	CZKJPY	9:30:00 AM	4.927	4.931			N/A
3/15/2019	CZKJPY	11:30:00 AM	4.928	4.932			N/A
3/15/2019	CZKJPY	1:30:00 PM	4.93	4.933			N/A
3/15/2019	CZKJPY	3:30:00 PM					N/A
3/18/2019	CZKJPY	9:30:00 AM	4.935	4.939			N/A
3/18/2019	CZKJPY	11:30:00 AM					N/A
3/18/2019	CZKJPY	1:30:00 PM					N/A
3/18/2019	CZKJPY	3:30:00 PM					N/A
3/19/2019	CZKJPY	9:30:00 AM	4.933	4.936			N/A
3/19/2019	CZKJPY	11:30:00 AM					N/A
3/19/2019	CZKJPY	1:30:00 PM					N/A
3/19/2019	CZKJPY	3:30:00 PM					N/A
3/20/2019	CZKJPY	9:30:00 AM					N/A
3/20/2019	CZKJPY	11:30:00 AM					N/A
3/20/2019	CZKJPY	1:30:00 PM					N/A
3/20/2019	CZKJPY	3:30:00 PM	4.939	4.942			N/A
3/21/2019	CZKJPY	9:30:00 AM					N/A
3/21/2019	CZKJPY	11:30:00 AM					N/A
3/21/2019	CZKJPY	1:30:00 PM					N/A
3/21/2019	CZKJPY	3:30:00 PM	4.914	4.918			N/A
3/22/2019	CZKJPY	9:30:00 AM					N/A
3/22/2019	CZKJPY	11:30:00 AM					N/A
3/22/2019	CZKJPY	1:30:00 PM	4.858	4.861			N/A
3/22/2019	CZKJPY	3:30:00 PM	4.845	4.848			N/A
3/25/2019	CZKJPY	9:30:00 AM	4.832	4.835			N/A
3/25/2019	CZKJPY	11:30:00 AM	4.849	4.851			N/A
3/25/2019	CZKJPY	1:30:00 PM	4.836	4.84			N/A
3/25/2019	CZKJPY	3:30:00 PM					N/A
3/26/2019	CZKJPY	9:30:00 AM	4.838	4.842			N/A

3/26/2019	CZKJPY	11:30:00 AM					N/A
3/26/2019	CZKJPY	1:30:00 PM	4.85	4.854			N/A
3/26/2019	CZKJPY	3:30:00 PM	4.845	4.848			N/A
3/27/2019	CZKJPY	9:30:00 AM					N/A
3/27/2019	CZKJPY	11:30:00 AM					N/A
3/27/2019	CZKJPY	1:30:00 PM	4.828	4.832			N/A
3/27/2019	CZKJPY	3:30:00 PM	4.825	4.829			N/A
3/28/2019	CZKJPY	9:30:00 AM					N/A
3/28/2019	CZKJPY	11:30:00 AM					N/A
3/28/2019	CZKJPY	1:30:00 PM					N/A
3/28/2019	CZKJPY	3:30:00 PM	4.823	4.827			N/A
3/29/2019	CZKJPY	9:30:00 AM					N/A
3/29/2019	CZKJPY	11:30:00 AM	4.816	4.819			N/A
3/29/2019	CZKJPY	1:30:00 PM					N/A
3/29/2019	CZKJPY	3:30:00 PM	4.827	4.831			N/A
1/1/2019	DKKJPY	9:30:00 AM					N/A
1/1/2019	DKKJPY	11:30:00 AM					N/A
1/1/2019	DKKJPY	1:30:00 PM					N/A
1/1/2019	DKKJPY	3:30:00 PM					N/A
1/2/2019	DKKJPY	9:30:00 AM					N/A
1/2/2019	DKKJPY	11:30:00 AM					N/A
1/2/2019	DKKJPY	1:30:00 PM					N/A
1/2/2019	DKKJPY	3:30:00 PM					N/A
1/3/2019	DKKJPY	9:30:00 AM					N/A
1/3/2019	DKKJPY	11:30:00 AM					N/A
1/3/2019	DKKJPY	1:30:00 PM					N/A
1/3/2019	DKKJPY	3:30:00 PM					N/A
1/4/2019	DKKJPY	9:30:00 AM					N/A
1/4/2019	DKKJPY	11:30:00 AM					N/A
1/4/2019	DKKJPY	1:30:00 PM					N/A
1/4/2019	DKKJPY	3:30:00 PM					N/A
1/7/2019	DKKJPY	9:30:00 AM					N/A
1/7/2019	DKKJPY	11:30:00 AM					N/A
1/7/2019	DKKJPY	1:30:00 PM					N/A
1/7/2019	DKKJPY	3:30:00 PM					N/A
1/8/2019	DKKJPY	9:30:00 AM	16.71	16.72			N/A
1/8/2019	DKKJPY	11:30:00 AM	16.71	16.72			N/A
1/8/2019	DKKJPY	1:30:00 PM	16.67	16.69			N/A
1/8/2019	DKKJPY	3:30:00 PM	16.67	16.69			N/A
1/9/2019	DKKJPY	9:30:00 AM					N/A
1/9/2019	DKKJPY	11:30:00 AM					N/A
1/9/2019	DKKJPY	1:30:00 PM	16.69	16.7			N/A
1/9/2019	DKKJPY	3:30:00 PM					N/A
1/10/2019	DKKJPY	9:30:00 AM	16.7	16.72			N/A
1/10/2019	DKKJPY	11:30:00 AM	16.69	16.71			N/A
1/10/2019	DKKJPY	1:30:00 PM	16.68	16.7			N/A
1/10/2019	DKKJPY	3:30:00 PM	16.71	16.72			N/A
1/11/2019	DKKJPY	9:30:00 AM					N/A
1/11/2019	DKKJPY	11:30:00 AM					N/A
1/11/2019	DKKJPY	1:30:00 PM					N/A

1/11/2019	DKKJPY	3:30:00 PM	16.74	16.75			N/A
1/14/2019	DKKJPY	9:30:00 AM	16.62	16.64			N/A
1/14/2019	DKKJPY	11:30:00 AM	16.62	16.63			N/A
1/14/2019	DKKJPY	1:30:00 PM	16.6	16.62			N/A
1/14/2019	DKKJPY	3:30:00 PM	16.6	16.62			N/A
1/15/2019	DKKJPY	9:30:00 AM	16.7	16.72			N/A
1/15/2019	DKKJPY	11:30:00 AM					N/A
1/15/2019	DKKJPY	1:30:00 PM					N/A
1/15/2019	DKKJPY	3:30:00 PM	16.62	16.63			N/A
1/16/2019	DKKJPY	9:30:00 AM					N/A
1/16/2019	DKKJPY	11:30:00 AM					N/A
1/16/2019	DKKJPY	1:30:00 PM	16.61	16.62			N/A
1/16/2019	DKKJPY	3:30:00 PM					N/A
1/17/2019	DKKJPY	9:30:00 AM	16.6	16.61			N/A
1/17/2019	DKKJPY	11:30:00 AM					N/A
1/17/2019	DKKJPY	1:30:00 PM	16.62	16.64			N/A
1/17/2019	DKKJPY	3:30:00 PM					N/A
1/18/2019	DKKJPY	9:30:00 AM					N/A
1/18/2019	DKKJPY	11:30:00 AM					N/A
1/18/2019	DKKJPY	1:30:00 PM	16.72	16.74			N/A
1/18/2019	DKKJPY	3:30:00 PM	16.71	16.73			N/A
1/21/2019	DKKJPY	9:30:00 AM					N/A
1/21/2019	DKKJPY	11:30:00 AM					N/A
1/21/2019	DKKJPY	1:30:00 PM	16.69	16.71			N/A
1/21/2019	DKKJPY	3:30:00 PM					N/A
1/22/2019	DKKJPY	9:30:00 AM	16.63	16.65			N/A
1/22/2019	DKKJPY	11:30:00 AM					N/A
1/22/2019	DKKJPY	1:30:00 PM	16.65	16.66			N/A
1/22/2019	DKKJPY	3:30:00 PM					N/A
1/23/2019	DKKJPY	9:30:00 AM					N/A
1/23/2019	DKKJPY	11:30:00 AM					N/A
1/23/2019	DKKJPY	1:30:00 PM					N/A
1/23/2019	DKKJPY	3:30:00 PM					N/A
1/24/2019	DKKJPY	9:30:00 AM					N/A
1/24/2019	DKKJPY	11:30:00 AM	16.67	16.68			N/A
1/24/2019	DKKJPY	1:30:00 PM	16.68	16.69			N/A
1/24/2019	DKKJPY	3:30:00 PM					N/A
1/25/2019	DKKJPY	9:30:00 AM	16.66	16.67			N/A
1/25/2019	DKKJPY	11:30:00 AM					N/A
1/25/2019	DKKJPY	1:30:00 PM	16.68	16.7			N/A
1/25/2019	DKKJPY	3:30:00 PM					N/A
1/28/2019	DKKJPY	9:30:00 AM	16.72	16.74			N/A
1/28/2019	DKKJPY	11:30:00 AM	16.71	16.73			N/A
1/28/2019	DKKJPY	1:30:00 PM					N/A
1/28/2019	DKKJPY	3:30:00 PM					N/A
1/29/2019	DKKJPY	9:30:00 AM	16.75	16.77			N/A
1/29/2019	DKKJPY	11:30:00 AM					N/A
1/29/2019	DKKJPY	1:30:00 PM					N/A
1/29/2019	DKKJPY	3:30:00 PM					N/A
1/30/2019	DKKJPY	9:30:00 AM					N/A

1/30/2019	DKKJPY	11:30:00 AM					N/A
1/30/2019	DKKJPY	1:30:00 PM					N/A
1/30/2019	DKKJPY	3:30:00 PM					N/A
1/31/2019	DKKJPY	9:30:00 AM					N/A
1/31/2019	DKKJPY	11:30:00 AM					N/A
1/31/2019	DKKJPY	1:30:00 PM					N/A
1/31/2019	DKKJPY	3:30:00 PM					N/A
2/1/2019	DKKJPY	9:30:00 AM	16.71	16.72			N/A
2/1/2019	DKKJPY	11:30:00 AM	16.72	16.74			N/A
2/1/2019	DKKJPY	1:30:00 PM					N/A
2/1/2019	DKKJPY	3:30:00 PM	16.76	16.77			N/A
2/4/2019	DKKJPY	9:30:00 AM					N/A
2/4/2019	DKKJPY	11:30:00 AM					N/A
2/4/2019	DKKJPY	1:30:00 PM					N/A
2/4/2019	DKKJPY	3:30:00 PM	16.87	16.88			N/A
2/5/2019	DKKJPY	9:30:00 AM					N/A
2/5/2019	DKKJPY	11:30:00 AM	16.82	16.84			N/A
2/5/2019	DKKJPY	1:30:00 PM					N/A
2/5/2019	DKKJPY	3:30:00 PM	16.81	16.83			N/A
2/6/2019	DKKJPY	9:30:00 AM					N/A
2/6/2019	DKKJPY	11:30:00 AM					N/A
2/6/2019	DKKJPY	1:30:00 PM					N/A
2/6/2019	DKKJPY	3:30:00 PM	16.76	16.77			N/A
2/7/2019	DKKJPY	9:30:00 AM					N/A
2/7/2019	DKKJPY	11:30:00 AM					N/A
2/7/2019	DKKJPY	1:30:00 PM	16.68	16.69			N/A
2/7/2019	DKKJPY	3:30:00 PM	16.67	16.69			N/A
2/8/2019	DKKJPY	9:30:00 AM					N/A
2/8/2019	DKKJPY	11:30:00 AM					N/A
2/8/2019	DKKJPY	1:30:00 PM					N/A
2/8/2019	DKKJPY	3:30:00 PM					N/A
2/11/2019	DKKJPY	9:30:00 AM					N/A
2/11/2019	DKKJPY	11:30:00 AM	16.72	16.73			N/A
2/11/2019	DKKJPY	1:30:00 PM					N/A
2/11/2019	DKKJPY	3:30:00 PM					N/A
2/12/2019	DKKJPY	9:30:00 AM					N/A
2/12/2019	DKKJPY	11:30:00 AM					N/A
2/12/2019	DKKJPY	1:30:00 PM					N/A
2/12/2019	DKKJPY	3:30:00 PM					N/A
2/13/2019	DKKJPY	9:30:00 AM					N/A
2/13/2019	DKKJPY	11:30:00 AM					N/A
2/13/2019	DKKJPY	1:30:00 PM	16.78	16.8			N/A
2/13/2019	DKKJPY	3:30:00 PM	16.78	16.79			N/A
2/14/2019	DKKJPY	9:30:00 AM	16.8	16.82			N/A
2/14/2019	DKKJPY	11:30:00 AM					N/A
2/14/2019	DKKJPY	1:30:00 PM					N/A
2/14/2019	DKKJPY	3:30:00 PM	16.78	16.8			N/A
2/15/2019	DKKJPY	9:30:00 AM					N/A
2/15/2019	DKKJPY	11:30:00 AM					N/A
2/15/2019	DKKJPY	1:30:00 PM					N/A

2/15/2019	DKKJPY	3:30:00 PM					N/A
2/18/2019	DKKJPY	9:30:00 AM					N/A
2/18/2019	DKKJPY	11:30:00 AM					N/A
2/18/2019	DKKJPY	1:30:00 PM					N/A
2/18/2019	DKKJPY	3:30:00 PM					N/A
2/19/2019	DKKJPY	9:30:00 AM					N/A
2/19/2019	DKKJPY	11:30:00 AM	16.79	16.8			N/A
2/19/2019	DKKJPY	1:30:00 PM					N/A
2/19/2019	DKKJPY	3:30:00 PM					N/A
2/20/2019	DKKJPY	9:30:00 AM					N/A
2/20/2019	DKKJPY	11:30:00 AM					N/A
2/20/2019	DKKJPY	1:30:00 PM	16.84	16.86			N/A
2/20/2019	DKKJPY	3:30:00 PM					N/A
2/21/2019	DKKJPY	9:30:00 AM	16.85	16.86			N/A
2/21/2019	DKKJPY	11:30:00 AM	16.82	16.83			N/A
2/21/2019	DKKJPY	1:30:00 PM					N/A
2/21/2019	DKKJPY	3:30:00 PM	16.85	16.86			N/A
2/22/2019	DKKJPY	9:30:00 AM					N/A
2/22/2019	DKKJPY	11:30:00 AM					N/A
2/22/2019	DKKJPY	1:30:00 PM					N/A
2/22/2019	DKKJPY	3:30:00 PM					N/A
2/25/2019	DKKJPY	9:30:00 AM					N/A
2/25/2019	DKKJPY	11:30:00 AM					N/A
2/25/2019	DKKJPY	1:30:00 PM					N/A
2/25/2019	DKKJPY	3:30:00 PM	16.86	16.88			N/A
2/26/2019	DKKJPY	9:30:00 AM					N/A
2/26/2019	DKKJPY	11:30:00 AM					N/A
2/26/2019	DKKJPY	1:30:00 PM					N/A
2/26/2019	DKKJPY	3:30:00 PM	16.87	16.89			N/A
2/27/2019	DKKJPY	9:30:00 AM					N/A
2/27/2019	DKKJPY	11:30:00 AM					N/A
2/27/2019	DKKJPY	1:30:00 PM					N/A
2/27/2019	DKKJPY	3:30:00 PM	16.88	16.9			N/A
2/28/2019	DKKJPY	9:30:00 AM	16.9	16.91			N/A
2/28/2019	DKKJPY	11:30:00 AM					N/A
2/28/2019	DKKJPY	1:30:00 PM	16.94	16.96			N/A
2/28/2019	DKKJPY	3:30:00 PM	16.95	16.96			N/A
3/1/2019	DKKJPY	9:30:00 AM					N/A
3/1/2019	DKKJPY	11:30:00 AM	17.05	17.07			N/A
3/1/2019	DKKJPY	1:30:00 PM					N/A
3/1/2019	DKKJPY	3:30:00 PM					N/A
3/4/2019	DKKJPY	9:30:00 AM	17.05	17.07			N/A
3/4/2019	DKKJPY	11:30:00 AM					N/A
3/4/2019	DKKJPY	1:30:00 PM	17	17.01			N/A
3/4/2019	DKKJPY	3:30:00 PM					N/A
3/5/2019	DKKJPY	9:30:00 AM	16.98	17			N/A
3/5/2019	DKKJPY	11:30:00 AM	17.01	17.02			N/A
3/5/2019	DKKJPY	1:30:00 PM					N/A
3/5/2019	DKKJPY	3:30:00 PM					N/A
3/6/2019	DKKJPY	9:30:00 AM					N/A

3/6/2019	DKKJPY	11:30:00 AM					N/A
3/6/2019	DKKJPY	1:30:00 PM					N/A
3/6/2019	DKKJPY	3:30:00 PM					N/A
3/7/2019	DKKJPY	9:30:00 AM					N/A
3/7/2019	DKKJPY	11:30:00 AM					N/A
3/7/2019	DKKJPY	1:30:00 PM					N/A
3/7/2019	DKKJPY	3:30:00 PM	16.89	16.91			N/A
3/8/2019	DKKJPY	9:30:00 AM	16.68	16.69			N/A
3/8/2019	DKKJPY	11:30:00 AM					N/A
3/8/2019	DKKJPY	1:30:00 PM					N/A
3/8/2019	DKKJPY	3:30:00 PM					N/A
3/11/2019	DKKJPY	9:30:00 AM					N/A
3/11/2019	DKKJPY	11:30:00 AM	16.77	16.79			N/A
3/11/2019	DKKJPY	1:30:00 PM					N/A
3/11/2019	DKKJPY	3:30:00 PM	16.75	16.77			N/A
3/12/2019	DKKJPY	9:30:00 AM					N/A
3/12/2019	DKKJPY	11:30:00 AM					N/A
3/12/2019	DKKJPY	1:30:00 PM	16.78	16.8			N/A
3/12/2019	DKKJPY	3:30:00 PM					N/A
3/13/2019	DKKJPY	9:30:00 AM					N/A
3/13/2019	DKKJPY	11:30:00 AM					N/A
3/13/2019	DKKJPY	1:30:00 PM					N/A
3/13/2019	DKKJPY	3:30:00 PM	16.87	16.89			N/A
3/14/2019	DKKJPY	9:30:00 AM					N/A
3/14/2019	DKKJPY	11:30:00 AM					N/A
3/14/2019	DKKJPY	1:30:00 PM	16.91	16.92			N/A
3/14/2019	DKKJPY	3:30:00 PM					N/A
3/15/2019	DKKJPY	9:30:00 AM					N/A
3/15/2019	DKKJPY	11:30:00 AM					N/A
3/15/2019	DKKJPY	1:30:00 PM					N/A
3/15/2019	DKKJPY	3:30:00 PM					N/A
3/18/2019	DKKJPY	9:30:00 AM					N/A
3/18/2019	DKKJPY	11:30:00 AM					N/A
3/18/2019	DKKJPY	1:30:00 PM	16.96	16.98			N/A
3/18/2019	DKKJPY	3:30:00 PM					N/A
3/19/2019	DKKJPY	9:30:00 AM					N/A
3/19/2019	DKKJPY	11:30:00 AM	16.93	16.95			N/A
3/19/2019	DKKJPY	1:30:00 PM					N/A
3/19/2019	DKKJPY	3:30:00 PM	16.96	16.97			N/A
3/20/2019	DKKJPY	9:30:00 AM					N/A
3/20/2019	DKKJPY	11:30:00 AM					N/A
3/20/2019	DKKJPY	1:30:00 PM					N/A
3/20/2019	DKKJPY	3:30:00 PM	16.96	16.98			N/A
3/21/2019	DKKJPY	9:30:00 AM	16.91	16.92			N/A
3/21/2019	DKKJPY	11:30:00 AM	16.88	16.89			N/A
3/21/2019	DKKJPY	1:30:00 PM					N/A
3/21/2019	DKKJPY	3:30:00 PM	16.88	16.89			N/A
3/22/2019	DKKJPY	9:30:00 AM					N/A
3/22/2019	DKKJPY	11:30:00 AM					N/A
3/22/2019	DKKJPY	1:30:00 PM					N/A

3/22/2019	DKKJPY	3:30:00 PM					N/A
3/25/2019	DKKJPY	9:30:00 AM					N/A
3/25/2019	DKKJPY	11:30:00 AM					N/A
3/25/2019	DKKJPY	1:30:00 PM	16.69	16.7			N/A
3/25/2019	DKKJPY	3:30:00 PM	16.69	16.7			N/A
3/26/2019	DKKJPY	9:30:00 AM					N/A
3/26/2019	DKKJPY	11:30:00 AM					N/A
3/26/2019	DKKJPY	1:30:00 PM	16.74	16.75			N/A
3/26/2019	DKKJPY	3:30:00 PM	16.72	16.73			N/A
3/27/2019	DKKJPY	9:30:00 AM					N/A
3/27/2019	DKKJPY	11:30:00 AM	16.71	16.72			N/A
3/27/2019	DKKJPY	1:30:00 PM					N/A
3/27/2019	DKKJPY	3:30:00 PM	16.67	16.68			N/A
3/28/2019	DKKJPY	9:30:00 AM					N/A
3/28/2019	DKKJPY	11:30:00 AM					N/A
3/28/2019	DKKJPY	1:30:00 PM	16.6	16.61			N/A
3/28/2019	DKKJPY	3:30:00 PM					N/A
3/29/2019	DKKJPY	9:30:00 AM					N/A
3/29/2019	DKKJPY	11:30:00 AM	16.66	16.68			N/A
3/29/2019	DKKJPY	1:30:00 PM					N/A
3/29/2019	DKKJPY	3:30:00 PM					N/A
1/1/2019	EURAUD	9:30:00 AM					N/A
1/1/2019	EURAUD	11:30:00 AM					N/A
1/1/2019	EURAUD	1:30:00 PM					N/A
1/1/2019	EURAUD	3:30:00 PM					N/A
1/2/2019	EURAUD	9:30:00 AM					N/A
1/2/2019	EURAUD	11:30:00 AM					N/A
1/2/2019	EURAUD	1:30:00 PM					N/A
1/2/2019	EURAUD	3:30:00 PM					N/A
1/3/2019	EURAUD	9:30:00 AM					N/A
1/3/2019	EURAUD	11:30:00 AM					N/A
1/3/2019	EURAUD	1:30:00 PM					N/A
1/3/2019	EURAUD	3:30:00 PM					N/A
1/4/2019	EURAUD	9:30:00 AM					N/A
1/4/2019	EURAUD	11:30:00 AM					N/A
1/4/2019	EURAUD	1:30:00 PM					N/A
1/4/2019	EURAUD	3:30:00 PM					N/A
1/7/2019	EURAUD	9:30:00 AM	1.60165	1.60137			N/A
1/7/2019	EURAUD	11:30:00 AM					N/A
1/7/2019	EURAUD	1:30:00 PM	1.60464	1.60496			N/A
1/7/2019	EURAUD	3:30:00 PM	1.60336	1.60349			N/A
1/8/2019	EURAUD	9:30:00 AM	1.60539	1.60553			N/A
1/8/2019	EURAUD	11:30:00 AM	1.60487	1.60513			N/A
1/8/2019	EURAUD	1:30:00 PM	1.60478	1.60494			N/A
1/8/2019	EURAUD	3:30:00 PM	1.60349	1.60372			N/A
1/9/2019	EURAUD	9:30:00 AM	1.60151	1.60184			N/A
1/9/2019	EURAUD	11:30:00 AM					N/A
1/9/2019	EURAUD	1:30:00 PM	1.59715	1.59707			N/A
1/9/2019	EURAUD	3:30:00 PM	1.59673	1.59709			N/A
1/10/2019	EURAUD	9:30:00 AM	1.60705	1.60717			N/A

1/10/2019	EURAUD	11:30:00 AM	1.60477	1.60481			N/A
1/10/2019	EURAUD	1:30:00 PM	1.60443	1.60461			N/A
1/10/2019	EURAUD	3:30:00 PM	1.60349	1.60344			N/A
1/11/2019	EURAUD	9:30:00 AM	1.5978	1.59764			N/A
1/11/2019	EURAUD	11:30:00 AM					N/A
1/11/2019	EURAUD	1:30:00 PM	1.59397	1.59386			N/A
1/11/2019	EURAUD	3:30:00 PM	1.59573	1.59562			N/A
1/14/2019	EURAUD	9:30:00 AM	1.59509	1.59548			N/A
1/14/2019	EURAUD	11:30:00 AM	1.59352	1.59358			N/A
1/14/2019	EURAUD	1:30:00 PM	1.59275	1.59307			N/A
1/14/2019	EURAUD	3:30:00 PM	1.5927	1.59288			N/A
1/15/2019	EURAUD	9:30:00 AM	1.58925	1.58954			N/A
1/15/2019	EURAUD	11:30:00 AM					N/A
1/15/2019	EURAUD	1:30:00 PM	1.58625	1.58656			N/A
1/15/2019	EURAUD	3:30:00 PM	1.58728	1.58719			N/A
1/16/2019	EURAUD	9:30:00 AM	1.58149	1.5817			N/A
1/16/2019	EURAUD	11:30:00 AM	1.58686	1.58711			N/A
1/16/2019	EURAUD	1:30:00 PM	1.58786	1.58793	100	100	N/A
1/16/2019	EURAUD	3:30:00 PM	1.58709	1.58741			N/A
1/17/2019	EURAUD	9:30:00 AM	1.59053	1.5908			N/A
1/17/2019	EURAUD	11:30:00 AM					N/A
1/17/2019	EURAUD	1:30:00 PM	1.59001	1.59024			N/A
1/17/2019	EURAUD	3:30:00 PM	1.58974	1.58904			N/A
1/18/2019	EURAUD	9:30:00 AM	1.58371	1.58408			N/A
1/18/2019	EURAUD	11:30:00 AM	1.58707	1.58708			N/A
1/18/2019	EURAUD	1:30:00 PM	1.58556	1.58591			N/A
1/18/2019	EURAUD	3:30:00 PM	1.58424	1.58405			N/A
1/21/2019	EURAUD	9:30:00 AM	1.58701	1.58719			N/A
1/21/2019	EURAUD	11:30:00 AM					N/A
1/21/2019	EURAUD	1:30:00 PM	1.58807	1.5881			N/A
1/21/2019	EURAUD	3:30:00 PM	1.58896	1.58928			N/A
1/22/2019	EURAUD	9:30:00 AM	1.59171	1.59131			N/A
1/22/2019	EURAUD	11:30:00 AM	1.59418	1.59455	2	2	N/A
1/22/2019	EURAUD	1:30:00 PM	1.5939	1.59424			N/A
1/22/2019	EURAUD	3:30:00 PM	1.59154	1.59192			N/A
1/23/2019	EURAUD	9:30:00 AM	1.59268	1.59277			N/A
1/23/2019	EURAUD	11:30:00 AM					N/A
1/23/2019	EURAUD	1:30:00 PM	1.59164	1.59201			N/A
1/23/2019	EURAUD	3:30:00 PM	1.59327	1.59351			N/A
1/24/2019	EURAUD	9:30:00 AM	1.6019	1.60231			N/A
1/24/2019	EURAUD	11:30:00 AM	1.59812	1.59815			N/A
1/24/2019	EURAUD	1:30:00 PM	1.59787	1.5977			N/A
1/24/2019	EURAUD	3:30:00 PM	1.59565	1.5959			N/A
1/25/2019	EURAUD	9:30:00 AM	1.59426	1.5941			N/A
1/25/2019	EURAUD	11:30:00 AM					N/A
1/25/2019	EURAUD	1:30:00 PM	1.59492	1.5951			N/A
1/25/2019	EURAUD	3:30:00 PM	1.5921	1.5923			N/A
1/28/2019	EURAUD	9:30:00 AM	1.58662	1.58685			N/A
1/28/2019	EURAUD	11:30:00 AM	1.58713	1.58751			N/A
1/28/2019	EURAUD	1:30:00 PM	1.5891	1.58915			N/A

1/28/2019	EURAUD	3:30:00 PM	1.59105	1.59147			N/A
1/29/2019	EURAUD	9:30:00 AM	1.59598	1.59613			N/A
1/29/2019	EURAUD	11:30:00 AM					N/A
1/29/2019	EURAUD	1:30:00 PM	1.5958	1.59621			N/A
1/29/2019	EURAUD	3:30:00 PM	1.59423	1.59465			N/A
1/30/2019	EURAUD	9:30:00 AM	1.58874	1.5889			N/A
1/30/2019	EURAUD	11:30:00 AM	1.58758	1.58796			N/A
1/30/2019	EURAUD	1:30:00 PM	1.58627	1.58679			N/A
1/30/2019	EURAUD	3:30:00 PM	1.58883	1.58903			N/A
1/31/2019	EURAUD	9:30:00 AM	1.58213	1.58212			N/A
1/31/2019	EURAUD	11:30:00 AM					N/A
1/31/2019	EURAUD	1:30:00 PM	1.57729	1.57768			N/A
1/31/2019	EURAUD	3:30:00 PM	1.57786	1.57766			N/A
2/1/2019	EURAUD	9:30:00 AM	1.5791	1.57959			N/A
2/1/2019	EURAUD	11:30:00 AM	1.57906	1.57943			N/A
2/1/2019	EURAUD	1:30:00 PM	1.57902	1.57951			N/A
2/1/2019	EURAUD	3:30:00 PM	1.578	1.57609			N/A
2/4/2019	EURAUD	9:30:00 AM	1.58076	1.58113			N/A
2/4/2019	EURAUD	11:30:00 AM					N/A
2/4/2019	EURAUD	1:30:00 PM	1.58283	1.58329			N/A
2/4/2019	EURAUD	3:30:00 PM	1.58463	1.58472			N/A
2/5/2019	EURAUD	9:30:00 AM	1.57284	1.57283			N/A
2/5/2019	EURAUD	11:30:00 AM	1.57593	1.57621			N/A
2/5/2019	EURAUD	1:30:00 PM	1.57513	1.57502			N/A
2/5/2019	EURAUD	3:30:00 PM	1.57594	1.57622			N/A
2/6/2019	EURAUD	9:30:00 AM	1.59415	1.59417			N/A
2/6/2019	EURAUD	11:30:00 AM					N/A
2/6/2019	EURAUD	1:30:00 PM	1.59528	1.59568			N/A
2/6/2019	EURAUD	3:30:00 PM	1.59683	1.59711			N/A
2/7/2019	EURAUD	9:30:00 AM	1.59891	1.59934			N/A
2/7/2019	EURAUD	11:30:00 AM	1.59712	1.59749			N/A
2/7/2019	EURAUD	1:30:00 PM	1.59498	1.59537			N/A
2/7/2019	EURAUD	3:30:00 PM	1.59437	1.59472			N/A
2/8/2019	EURAUD	9:30:00 AM	1.60006	1.60021			N/A
2/8/2019	EURAUD	11:30:00 AM					N/A
2/8/2019	EURAUD	1:30:00 PM	1.59968	1.60018			N/A
2/8/2019	EURAUD	3:30:00 PM	1.59831	1.598			N/A
2/11/2019	EURAUD	9:30:00 AM	1.59438	1.59463			N/A
2/11/2019	EURAUD	11:30:00 AM	1.59591	1.59591			N/A
2/11/2019	EURAUD	1:30:00 PM	1.5961	1.59632			N/A
2/11/2019	EURAUD	3:30:00 PM	1.59812	1.59823			N/A
2/12/2019	EURAUD	9:30:00 AM	1.59277	1.59316			N/A
2/12/2019	EURAUD	11:30:00 AM					N/A
2/12/2019	EURAUD	1:30:00 PM	1.59097	1.59128			N/A
2/12/2019	EURAUD	3:30:00 PM	1.59171	1.59203			N/A
2/13/2019	EURAUD	9:30:00 AM	1.58928	1.5897			N/A
2/13/2019	EURAUD	11:30:00 AM	1.59119	1.5915			N/A
2/13/2019	EURAUD	1:30:00 PM	1.59001	1.59052			N/A
2/13/2019	EURAUD	3:30:00 PM	1.58874	1.58849	100	100	N/A
2/14/2019	EURAUD	9:30:00 AM	1.5821	1.58234			N/A

2/14/2019	EURAUD	11:30:00 AM					N/A
2/14/2019	EURAUD	1:30:00 PM	1.58604	1.58647			N/A
2/14/2019	EURAUD	3:30:00 PM	1.58508	1.58465			N/A
2/15/2019	EURAUD	9:30:00 AM					N/A
2/15/2019	EURAUD	11:30:00 AM					N/A
2/15/2019	EURAUD	1:30:00 PM					N/A
2/15/2019	EURAUD	3:30:00 PM					N/A
2/18/2019	EURAUD	9:30:00 AM	1.58015	1.58049			N/A
2/18/2019	EURAUD	11:30:00 AM					N/A
2/18/2019	EURAUD	1:30:00 PM	1.58267	1.5831			N/A
2/18/2019	EURAUD	3:30:00 PM	1.5811	1.58139			N/A
2/19/2019	EURAUD	9:30:00 AM	1.58695	1.58732			N/A
2/19/2019	EURAUD	11:30:00 AM	1.58975	1.58979			N/A
2/19/2019	EURAUD	1:30:00 PM	1.58647	1.58688			N/A
2/19/2019	EURAUD	3:30:00 PM	1.5869	1.58716			N/A
2/20/2019	EURAUD	9:30:00 AM	1.58187	1.58191			N/A
2/20/2019	EURAUD	11:30:00 AM					N/A
2/20/2019	EURAUD	1:30:00 PM	1.58384	1.58405			N/A
2/20/2019	EURAUD	3:30:00 PM	1.58362	1.58389			N/A
2/21/2019	EURAUD	9:30:00 AM	1.59269	1.59102			N/A
2/21/2019	EURAUD	11:30:00 AM	1.59423	1.59434			N/A
2/21/2019	EURAUD	1:30:00 PM	1.595	1.59518			N/A
2/21/2019	EURAUD	3:30:00 PM	1.59711	1.59643			N/A
2/22/2019	EURAUD	9:30:00 AM	1.59424	1.59422			N/A
2/22/2019	EURAUD	11:30:00 AM					N/A
2/22/2019	EURAUD	1:30:00 PM	1.59363	1.59405			N/A
2/22/2019	EURAUD	3:30:00 PM	1.58975	1.58995			N/A
2/25/2019	EURAUD	9:30:00 AM	1.58699	1.58725			N/A
2/25/2019	EURAUD	11:30:00 AM	1.58373	1.58413			N/A
2/25/2019	EURAUD	1:30:00 PM	1.58241	1.58278			N/A
2/25/2019	EURAUD	3:30:00 PM	1.58341	1.58366			N/A
2/26/2019	EURAUD	9:30:00 AM	1.58539	1.58565			N/A
2/26/2019	EURAUD	11:30:00 AM					N/A
2/26/2019	EURAUD	1:30:00 PM	1.58862	1.58885			N/A
2/26/2019	EURAUD	3:30:00 PM	1.58809	1.58817			N/A
2/27/2019	EURAUD	9:30:00 AM	1.58331	1.58362			N/A
2/27/2019	EURAUD	11:30:00 AM	1.58803	1.58832			N/A
2/27/2019	EURAUD	1:30:00 PM	1.59036	1.59068			N/A
2/27/2019	EURAUD	3:30:00 PM	1.59089	1.59105			N/A
2/28/2019	EURAUD	9:30:00 AM	1.59454	1.59473			N/A
2/28/2019	EURAUD	11:30:00 AM					N/A
2/28/2019	EURAUD	1:30:00 PM	1.5979	1.59808			N/A
2/28/2019	EURAUD	3:30:00 PM	1.59823	1.59691			N/A
3/1/2019	EURAUD	9:30:00 AM	1.60134	1.60168			N/A
3/1/2019	EURAUD	11:30:00 AM	1.60022	1.60044			N/A
3/1/2019	EURAUD	1:30:00 PM	1.59996	1.60018			N/A
3/1/2019	EURAUD	3:30:00 PM	1.60073	1.60095			N/A
3/4/2019	EURAUD	9:30:00 AM	1.60257	1.60292			N/A
3/4/2019	EURAUD	11:30:00 AM					N/A
3/4/2019	EURAUD	1:30:00 PM	1.59982	1.60023			N/A

3/4/2019	EURAUD	3:30:00 PM	1.5983	1.59875			N/A
3/5/2019	EURAUD	9:30:00 AM	1.59864	1.59878			N/A
3/5/2019	EURAUD	11:30:00 AM	1.59896	1.59927			N/A
3/5/2019	EURAUD	1:30:00 PM	1.59971	1.60001			N/A
3/5/2019	EURAUD	3:30:00 PM	1.6005	1.60077			N/A
3/6/2019	EURAUD	9:30:00 AM	1.60615	1.60626			N/A
3/6/2019	EURAUD	11:30:00 AM					N/A
3/6/2019	EURAUD	1:30:00 PM	1.60735	1.60777			N/A
3/6/2019	EURAUD	3:30:00 PM	1.60783	1.60668			N/A
3/7/2019	EURAUD	9:30:00 AM	1.60459	1.60484			N/A
3/7/2019	EURAUD	11:30:00 AM	1.60522	1.60569			N/A
3/7/2019	EURAUD	1:30:00 PM	1.60476	1.60504			N/A
3/7/2019	EURAUD	3:30:00 PM	1.60002	1.6002			N/A
3/8/2019	EURAUD	9:30:00 AM	1.59858	1.59887			N/A
3/8/2019	EURAUD	11:30:00 AM					N/A
3/8/2019	EURAUD	1:30:00 PM	1.59602	1.5964			N/A
3/8/2019	EURAUD	3:30:00 PM	1.59502	1.5931			N/A
3/11/2019	EURAUD	9:30:00 AM	1.59519	1.59548			N/A
3/11/2019	EURAUD	11:30:00 AM	1.59471	1.59512			N/A
3/11/2019	EURAUD	1:30:00 PM	1.59469	1.59495			N/A
3/11/2019	EURAUD	3:30:00 PM	1.59298	1.59275			N/A
3/12/2019	EURAUD	9:30:00 AM	1.59136	1.59163			N/A
3/12/2019	EURAUD	11:30:00 AM					N/A
3/12/2019	EURAUD	1:30:00 PM	1.5926	1.59303			N/A
3/12/2019	EURAUD	3:30:00 PM	1.59159	1.59195			N/A
3/13/2019	EURAUD	9:30:00 AM	1.59952	1.59981			N/A
3/13/2019	EURAUD	11:30:00 AM	1.59682	1.59731			N/A
3/13/2019	EURAUD	1:30:00 PM	1.59844	1.59873			N/A
3/13/2019	EURAUD	3:30:00 PM	1.59934	1.59951			N/A
3/14/2019	EURAUD	9:30:00 AM	1.602	1.6022			N/A
3/14/2019	EURAUD	11:30:00 AM					N/A
3/14/2019	EURAUD	1:30:00 PM	1.60284	1.60283			N/A
3/14/2019	EURAUD	3:30:00 PM	1.60224	1.60242			N/A
3/15/2019	EURAUD	9:30:00 AM	1.59584	1.596			N/A
3/15/2019	EURAUD	11:30:00 AM	1.59707	1.59738			N/A
3/15/2019	EURAUD	1:30:00 PM	1.59884	1.59936			N/A
3/15/2019	EURAUD	3:30:00 PM	1.59789	1.59802			N/A
3/18/2019	EURAUD	9:30:00 AM	1.59259	1.59301			N/A
3/18/2019	EURAUD	11:30:00 AM					N/A
3/18/2019	EURAUD	1:30:00 PM	1.5961	1.59644			N/A
3/18/2019	EURAUD	3:30:00 PM	1.59764	1.59793			N/A
3/19/2019	EURAUD	9:30:00 AM	1.5986	1.59895			N/A
3/19/2019	EURAUD	11:30:00 AM	1.59849	1.5988			N/A
3/19/2019	EURAUD	1:30:00 PM	1.59916	1.59941			N/A
3/19/2019	EURAUD	3:30:00 PM	1.59769	1.59781			N/A
3/20/2019	EURAUD	9:30:00 AM	1.60127	1.6017			N/A
3/20/2019	EURAUD	11:30:00 AM					N/A
3/20/2019	EURAUD	1:30:00 PM	1.60034	1.60074			N/A
3/20/2019	EURAUD	3:30:00 PM	1.59951	1.59965			N/A
3/21/2019	EURAUD	9:30:00 AM	1.59656	1.59632			N/A

3/21/2019	EURAUD	11:30:00 AM	1.59608	1.5963			N/A
3/21/2019	EURAUD	1:30:00 PM	1.59672	1.59704			N/A
3/21/2019	EURAUD	3:30:00 PM	1.5976	1.59795			N/A
3/22/2019	EURAUD	9:30:00 AM	1.59993	1.6002			N/A
3/22/2019	EURAUD	11:30:00 AM					N/A
3/22/2019	EURAUD	1:30:00 PM	1.59359	1.59358			N/A
3/22/2019	EURAUD	3:30:00 PM	1.59106	1.59152			N/A
3/25/2019	EURAUD	9:30:00 AM	1.59571	1.59599			N/A
3/25/2019	EURAUD	11:30:00 AM	1.59478	1.59515			N/A
3/25/2019	EURAUD	1:30:00 PM	1.59344	1.59382			N/A
3/25/2019	EURAUD	3:30:00 PM	1.59233	1.59263			N/A
3/26/2019	EURAUD	9:30:00 AM	1.58744	1.58775			N/A
3/26/2019	EURAUD	11:30:00 AM					N/A
3/26/2019	EURAUD	1:30:00 PM	1.58715	1.58748			N/A
3/26/2019	EURAUD	3:30:00 PM	1.58248	1.58287			N/A
3/27/2019	EURAUD	9:30:00 AM	1.58524	1.58552			N/A
3/27/2019	EURAUD	11:30:00 AM	1.58634	1.5867			N/A
3/27/2019	EURAUD	1:30:00 PM	1.58841	1.58878			N/A
3/27/2019	EURAUD	3:30:00 PM	1.5875	1.58742			N/A
3/28/2019	EURAUD	9:30:00 AM	1.58359	1.58394			N/A
3/28/2019	EURAUD	11:30:00 AM					N/A
3/28/2019	EURAUD	1:30:00 PM	1.58483	1.58512			N/A
3/28/2019	EURAUD	3:30:00 PM	1.58481	1.58471			N/A
3/29/2019	EURAUD	9:30:00 AM	1.58211	1.58232			N/A
3/29/2019	EURAUD	11:30:00 AM	1.58323	1.58348			N/A
3/29/2019	EURAUD	1:30:00 PM	1.58354	1.58398			N/A
3/29/2019	EURAUD	3:30:00 PM	1.58268	1.58268			N/A
1/1/2019	EURCAD	9:30:00 AM					N/A
1/1/2019	EURCAD	11:30:00 AM					N/A
1/1/2019	EURCAD	1:30:00 PM					N/A
1/1/2019	EURCAD	3:30:00 PM					N/A
1/2/2019	EURCAD	9:30:00 AM					N/A
1/2/2019	EURCAD	11:30:00 AM					N/A
1/2/2019	EURCAD	1:30:00 PM					N/A
1/2/2019	EURCAD	3:30:00 PM					N/A
1/3/2019	EURCAD	9:30:00 AM					N/A
1/3/2019	EURCAD	11:30:00 AM					N/A
1/3/2019	EURCAD	1:30:00 PM					N/A
1/3/2019	EURCAD	3:30:00 PM					N/A
1/4/2019	EURCAD	9:30:00 AM					N/A
1/4/2019	EURCAD	11:30:00 AM					N/A
1/4/2019	EURCAD	1:30:00 PM					N/A
1/4/2019	EURCAD	3:30:00 PM					N/A
1/7/2019	EURCAD	9:30:00 AM	1.52492	1.52557			N/A
1/7/2019	EURCAD	11:30:00 AM					N/A
1/7/2019	EURCAD	1:30:00 PM	1.52831	1.52909			N/A
1/7/2019	EURCAD	3:30:00 PM	1.52768	1.52805			N/A
1/8/2019	EURCAD	9:30:00 AM	1.51985	1.5202			N/A
1/8/2019	EURCAD	11:30:00 AM	1.52027	1.52068			N/A
1/8/2019	EURCAD	1:30:00 PM	1.52024	1.52102			N/A

1/8/2019	EURCAD	3:30:00 PM	1.52074	1.52146			N/A
1/9/2019	EURCAD	9:30:00 AM	1.51652	1.51734			N/A
1/9/2019	EURCAD	11:30:00 AM					N/A
1/9/2019	EURCAD	1:30:00 PM	1.51545	1.51582			N/A
1/9/2019	EURCAD	3:30:00 PM	1.51516	1.51588			N/A
1/10/2019	EURCAD	9:30:00 AM	1.52903	1.52964			N/A
1/10/2019	EURCAD	11:30:00 AM	1.52526	1.52606			N/A
1/10/2019	EURCAD	1:30:00 PM	1.52366	1.52432			N/A
1/10/2019	EURCAD	3:30:00 PM	1.52491	1.52497			N/A
1/11/2019	EURCAD	9:30:00 AM	1.52175	1.52258			N/A
1/11/2019	EURCAD	11:30:00 AM					N/A
1/11/2019	EURCAD	1:30:00 PM	1.52087	1.52161			N/A
1/11/2019	EURCAD	3:30:00 PM	1.52401	1.52442			N/A
1/14/2019	EURCAD	9:30:00 AM	1.52359	1.52425			N/A
1/14/2019	EURCAD	11:30:00 AM	1.52155	1.52213			N/A
1/14/2019	EURCAD	1:30:00 PM	1.52234	1.52305			N/A
1/14/2019	EURCAD	3:30:00 PM	1.52088	1.52163			N/A
1/15/2019	EURCAD	9:30:00 AM	1.52153	1.52234			N/A
1/15/2019	EURCAD	11:30:00 AM					N/A
1/15/2019	EURCAD	1:30:00 PM	1.5152	1.51588			N/A
1/15/2019	EURCAD	3:30:00 PM	1.51434	1.51456			N/A
1/16/2019	EURCAD	9:30:00 AM	1.5111	1.5115			N/A
1/16/2019	EURCAD	11:30:00 AM	1.51399	1.51456			N/A
1/16/2019	EURCAD	1:30:00 PM	1.51223	1.51263			N/A
1/16/2019	EURCAD	3:30:00 PM	1.51026	1.51087			N/A
1/17/2019	EURCAD	9:30:00 AM	1.5121	1.51274			N/A
1/17/2019	EURCAD	11:30:00 AM					N/A
1/17/2019	EURCAD	1:30:00 PM	1.51389	1.51461			N/A
1/17/2019	EURCAD	3:30:00 PM	1.51687	1.51641			N/A
1/18/2019	EURCAD	9:30:00 AM	1.51144	1.51219			N/A
1/18/2019	EURCAD	11:30:00 AM	1.51219	1.51283			N/A
1/18/2019	EURCAD	1:30:00 PM	1.51218	1.51292			N/A
1/18/2019	EURCAD	3:30:00 PM	1.50954	1.50945			N/A
1/21/2019	EURCAD	9:30:00 AM	1.51046	1.51117			N/A
1/21/2019	EURCAD	11:30:00 AM					N/A
1/21/2019	EURCAD	1:30:00 PM	1.51113	1.51194			N/A
1/21/2019	EURCAD	3:30:00 PM	1.5113	1.51207			N/A
1/22/2019	EURCAD	9:30:00 AM	1.51329	1.5139			N/A
1/22/2019	EURCAD	11:30:00 AM	1.51426	1.51504			N/A
1/22/2019	EURCAD	1:30:00 PM	1.51361	1.51426			N/A
1/22/2019	EURCAD	3:30:00 PM	1.51305	1.51305			N/A
1/23/2019	EURCAD	9:30:00 AM	1.51426	1.51507			N/A
1/23/2019	EURCAD	11:30:00 AM					N/A
1/23/2019	EURCAD	1:30:00 PM	1.51332	1.51409			N/A
1/23/2019	EURCAD	3:30:00 PM	1.51438	1.51384			N/A
1/24/2019	EURCAD	9:30:00 AM	1.51935	1.52019			N/A
1/24/2019	EURCAD	11:30:00 AM	1.51431	1.51494			N/A
1/24/2019	EURCAD	1:30:00 PM	1.51485	1.51483			N/A
1/24/2019	EURCAD	3:30:00 PM	1.51402	1.5146			N/A
1/25/2019	EURCAD	9:30:00 AM	1.50707	1.50768			N/A

1/25/2019	EURCAD	11:30:00 AM					N/A
1/25/2019	EURCAD	1:30:00 PM	1.51044	1.51105			N/A
1/25/2019	EURCAD	3:30:00 PM	1.50983	1.51061			N/A
1/28/2019	EURCAD	9:30:00 AM	1.50824	1.50884			N/A
1/28/2019	EURCAD	11:30:00 AM	1.50779	1.5086			N/A
1/28/2019	EURCAD	1:30:00 PM	1.50948	1.51024			N/A
1/28/2019	EURCAD	3:30:00 PM	1.51249	1.51328			N/A
1/29/2019	EURCAD	9:30:00 AM	1.51647	1.51718			N/A
1/29/2019	EURCAD	11:30:00 AM					N/A
1/29/2019	EURCAD	1:30:00 PM	1.51589	1.51666			N/A
1/29/2019	EURCAD	3:30:00 PM	1.51403	1.51484			N/A
1/30/2019	EURCAD	9:30:00 AM	1.51563	1.51638			N/A
1/30/2019	EURCAD	11:30:00 AM	1.5137	1.51443			N/A
1/30/2019	EURCAD	1:30:00 PM	1.51216	1.51309			N/A
1/30/2019	EURCAD	3:30:00 PM	1.5099	1.51059			N/A
1/31/2019	EURCAD	9:30:00 AM	1.51094	1.51153			N/A
1/31/2019	EURCAD	11:30:00 AM					N/A
1/31/2019	EURCAD	1:30:00 PM	1.50785	1.50845			N/A
1/31/2019	EURCAD	3:30:00 PM	1.51004	1.50955			N/A
2/1/2019	EURCAD	9:30:00 AM	1.50477	1.50559			N/A
2/1/2019	EURCAD	11:30:00 AM	1.50646	1.50707			N/A
2/1/2019	EURCAD	1:30:00 PM	1.50716	1.50792			N/A
2/1/2019	EURCAD	3:30:00 PM	1.50653	1.50561			N/A
2/4/2019	EURCAD	9:30:00 AM	1.49852	1.49941			N/A
2/4/2019	EURCAD	11:30:00 AM					N/A
2/4/2019	EURCAD	1:30:00 PM	1.4986	1.49948			N/A
2/4/2019	EURCAD	3:30:00 PM	1.50142	1.50202			N/A
2/5/2019	EURCAD	9:30:00 AM	1.49747	1.49827			N/A
2/5/2019	EURCAD	11:30:00 AM	1.49635	1.49701			N/A
2/5/2019	EURCAD	1:30:00 PM	1.49624	1.49678			N/A
2/5/2019	EURCAD	3:30:00 PM	1.49867	1.4995			N/A
2/6/2019	EURCAD	9:30:00 AM	1.5003	1.50094			N/A
2/6/2019	EURCAD	11:30:00 AM					N/A
2/6/2019	EURCAD	1:30:00 PM	1.50218	1.50303			N/A
2/6/2019	EURCAD	3:30:00 PM	1.50125	1.50134			N/A
2/7/2019	EURCAD	9:30:00 AM	1.50389	1.50477			N/A
2/7/2019	EURCAD	11:30:00 AM	1.50165	1.5025			N/A
2/7/2019	EURCAD	1:30:00 PM	1.50139	1.50213			N/A
2/7/2019	EURCAD	3:30:00 PM	1.50519	1.50575			N/A
2/8/2019	EURCAD	9:30:00 AM	1.50938	1.51013			N/A
2/8/2019	EURCAD	11:30:00 AM					N/A
2/8/2019	EURCAD	1:30:00 PM	1.50989	1.51073			N/A
2/8/2019	EURCAD	3:30:00 PM	1.50607	1.50299			N/A
2/11/2019	EURCAD	9:30:00 AM	1.50438	1.50519			N/A
2/11/2019	EURCAD	11:30:00 AM	1.50196	1.50257			N/A
2/11/2019	EURCAD	1:30:00 PM	1.5008	1.50167			N/A
2/11/2019	EURCAD	3:30:00 PM	1.50134	1.50218			N/A
2/12/2019	EURCAD	9:30:00 AM	1.49812	1.49897			N/A
2/12/2019	EURCAD	11:30:00 AM					N/A
2/12/2019	EURCAD	1:30:00 PM	1.49617	1.49686			N/A

2/12/2019	EURCAD	3:30:00 PM	1.49678	1.49745			N/A
2/13/2019	EURCAD	9:30:00 AM	1.49634	1.49723			N/A
2/13/2019	EURCAD	11:30:00 AM	1.49782	1.49842			N/A
2/13/2019	EURCAD	1:30:00 PM	1.49749	1.49844			N/A
2/13/2019	EURCAD	3:30:00 PM	1.49709	1.49726			N/A
2/14/2019	EURCAD	9:30:00 AM	1.49317	1.49394			N/A
2/14/2019	EURCAD	11:30:00 AM					N/A
2/14/2019	EURCAD	1:30:00 PM	1.49486	1.49558			N/A
2/14/2019	EURCAD	3:30:00 PM	1.4975	1.49683			N/A
2/15/2019	EURCAD	9:30:00 AM					N/A
2/15/2019	EURCAD	11:30:00 AM					N/A
2/15/2019	EURCAD	1:30:00 PM					N/A
2/15/2019	EURCAD	3:30:00 PM					N/A
2/18/2019	EURCAD	9:30:00 AM	1.49606	1.49684			N/A
2/18/2019	EURCAD	11:30:00 AM					N/A
2/18/2019	EURCAD	1:30:00 PM	1.49916	1.49989			N/A
2/18/2019	EURCAD	3:30:00 PM	1.49823	1.49903			N/A
2/19/2019	EURCAD	9:30:00 AM	1.49765	1.49851			N/A
2/19/2019	EURCAD	11:30:00 AM	1.49867	1.49931			N/A
2/19/2019	EURCAD	1:30:00 PM	1.49515	1.49584			N/A
2/19/2019	EURCAD	3:30:00 PM	1.49489	1.49549			N/A
2/20/2019	EURCAD	9:30:00 AM	1.49519	1.49595			N/A
2/20/2019	EURCAD	11:30:00 AM					N/A
2/20/2019	EURCAD	1:30:00 PM	1.49323	1.49399			N/A
2/20/2019	EURCAD	3:30:00 PM	1.49532	1.49587			N/A
2/21/2019	EURCAD	9:30:00 AM	1.49484	1.49549			N/A
2/21/2019	EURCAD	11:30:00 AM	1.49512	1.49575			N/A
2/21/2019	EURCAD	1:30:00 PM	1.49552	1.49629			N/A
2/21/2019	EURCAD	3:30:00 PM	1.49602	1.4949			N/A
2/22/2019	EURCAD	9:30:00 AM	1.5002	1.50094			N/A
2/22/2019	EURCAD	11:30:00 AM					N/A
2/22/2019	EURCAD	1:30:00 PM	1.49739	1.4982			N/A
2/22/2019	EURCAD	3:30:00 PM	1.49809	1.49692			N/A
2/25/2019	EURCAD	9:30:00 AM	1.4898	1.49047			N/A
2/25/2019	EURCAD	11:30:00 AM	1.48959	1.49043			N/A
2/25/2019	EURCAD	1:30:00 PM	1.49049	1.49119			N/A
2/25/2019	EURCAD	3:30:00 PM	1.49307	1.4938			N/A
2/26/2019	EURCAD	9:30:00 AM	1.49916	1.49989			N/A
2/26/2019	EURCAD	11:30:00 AM					N/A
2/26/2019	EURCAD	1:30:00 PM	1.50128	1.50201			N/A
2/26/2019	EURCAD	3:30:00 PM	1.50203	1.50215			N/A
2/27/2019	EURCAD	9:30:00 AM	1.49809	1.49879			N/A
2/27/2019	EURCAD	11:30:00 AM	1.49817	1.49894			N/A
2/27/2019	EURCAD	1:30:00 PM	1.49748	1.49827			N/A
2/27/2019	EURCAD	3:30:00 PM	1.49718	1.49668			N/A
2/28/2019	EURCAD	9:30:00 AM	1.4985	1.49927			N/A
2/28/2019	EURCAD	11:30:00 AM					N/A
2/28/2019	EURCAD	1:30:00 PM	1.50272	1.50319			N/A
2/28/2019	EURCAD	3:30:00 PM	1.50416	1.50381			N/A
3/1/2019	EURCAD	9:30:00 AM	1.4937	1.49441			N/A

3/1/2019	EURCAD	11:30:00 AM	1.49198	1.49265			N/A
3/1/2019	EURCAD	1:30:00 PM	1.49443	1.49525			N/A
3/1/2019	EURCAD	3:30:00 PM	1.50246	1.50161			N/A
3/4/2019	EURCAD	9:30:00 AM	1.50979	1.51058			N/A
3/4/2019	EURCAD	11:30:00 AM					N/A
3/4/2019	EURCAD	1:30:00 PM	1.50921	1.50991			N/A
3/4/2019	EURCAD	3:30:00 PM	1.50913	1.5098			N/A
3/5/2019	EURCAD	9:30:00 AM	1.50901	1.50954			N/A
3/5/2019	EURCAD	11:30:00 AM	1.5112	1.51187			N/A
3/5/2019	EURCAD	1:30:00 PM	1.51115	1.51186			N/A
3/5/2019	EURCAD	3:30:00 PM	1.51141	1.512			N/A
3/6/2019	EURCAD	9:30:00 AM	1.50935	1.51012			N/A
3/6/2019	EURCAD	11:30:00 AM					N/A
3/6/2019	EURCAD	1:30:00 PM	1.51123	1.51202			N/A
3/6/2019	EURCAD	3:30:00 PM	1.51349	1.51272			N/A
3/7/2019	EURCAD	9:30:00 AM	1.51915	1.51997			N/A
3/7/2019	EURCAD	11:30:00 AM	1.51946	1.52017			N/A
3/7/2019	EURCAD	1:30:00 PM	1.51866	1.51939			N/A
3/7/2019	EURCAD	3:30:00 PM	1.51278	1.51337			N/A
3/8/2019	EURCAD	9:30:00 AM	1.50794	1.50874			N/A
3/8/2019	EURCAD	11:30:00 AM					N/A
3/8/2019	EURCAD	1:30:00 PM	1.509	1.50979			N/A
3/8/2019	EURCAD	3:30:00 PM	1.50765	1.5061			N/A
3/11/2019	EURCAD	9:30:00 AM	1.50901	1.50975			N/A
3/11/2019	EURCAD	11:30:00 AM	1.50862	1.50932			N/A
3/11/2019	EURCAD	1:30:00 PM	1.50817	1.50867			N/A
3/11/2019	EURCAD	3:30:00 PM	1.50918	1.50967			N/A
3/12/2019	EURCAD	9:30:00 AM	1.50797	1.50861			N/A
3/12/2019	EURCAD	11:30:00 AM					N/A
3/12/2019	EURCAD	1:30:00 PM	1.50934	1.51016			N/A
3/12/2019	EURCAD	3:30:00 PM	1.50991	1.51067			N/A
3/13/2019	EURCAD	9:30:00 AM	1.50779	1.50862			N/A
3/13/2019	EURCAD	11:30:00 AM	1.50764	1.50846			N/A
3/13/2019	EURCAD	1:30:00 PM	1.50772	1.50854			N/A
3/13/2019	EURCAD	3:30:00 PM	1.50811	1.50777			N/A
3/14/2019	EURCAD	9:30:00 AM	1.50739	1.50817			N/A
3/14/2019	EURCAD	11:30:00 AM					N/A
3/14/2019	EURCAD	1:30:00 PM	1.50597	1.50638			N/A
3/14/2019	EURCAD	3:30:00 PM	1.50674	1.50739			N/A
3/15/2019	EURCAD	9:30:00 AM	1.50458	1.50531			N/A
3/15/2019	EURCAD	11:30:00 AM	1.50596	1.50669			N/A
3/15/2019	EURCAD	1:30:00 PM	1.50761	1.50846			N/A
3/15/2019	EURCAD	3:30:00 PM	1.51171	1.51213			N/A
3/18/2019	EURCAD	9:30:00 AM	1.50873	1.50954			N/A
3/18/2019	EURCAD	11:30:00 AM					N/A
3/18/2019	EURCAD	1:30:00 PM	1.51213	1.51277			N/A
3/18/2019	EURCAD	3:30:00 PM	1.51343	1.51399			N/A
3/19/2019	EURCAD	9:30:00 AM	1.51286	1.51364			N/A
3/19/2019	EURCAD	11:30:00 AM	1.51175	1.51245			N/A
3/19/2019	EURCAD	1:30:00 PM	1.51101	1.5117			N/A

3/19/2019	EURCAD	3:30:00 PM	1.50491	1.50543			N/A
3/20/2019	EURCAD	9:30:00 AM	1.51371	1.51447			N/A
3/20/2019	EURCAD	11:30:00 AM					N/A
3/20/2019	EURCAD	1:30:00 PM	1.51338	1.51409			N/A
3/20/2019	EURCAD	3:30:00 PM	1.51284	1.51357			N/A
3/21/2019	EURCAD	9:30:00 AM	1.5187	1.5194			N/A
3/21/2019	EURCAD	11:30:00 AM	1.51681	1.51752			N/A
3/21/2019	EURCAD	1:30:00 PM	1.51787	1.5186			N/A
3/21/2019	EURCAD	3:30:00 PM	1.51918	1.51963			N/A
3/22/2019	EURCAD	9:30:00 AM	1.52005	1.52084			N/A
3/22/2019	EURCAD	11:30:00 AM					N/A
3/22/2019	EURCAD	1:30:00 PM	1.51337	1.5139			N/A
3/22/2019	EURCAD	3:30:00 PM	1.51448	1.51508			N/A
3/25/2019	EURCAD	9:30:00 AM	1.51707	1.51779			N/A
3/25/2019	EURCAD	11:30:00 AM	1.51754	1.51828			N/A
3/25/2019	EURCAD	1:30:00 PM	1.51784	1.51844			N/A
3/25/2019	EURCAD	3:30:00 PM	1.51995	1.52064			N/A
3/26/2019	EURCAD	9:30:00 AM	1.51521	1.51602			N/A
3/26/2019	EURCAD	11:30:00 AM					N/A
3/26/2019	EURCAD	1:30:00 PM	1.51548	1.51605			N/A
3/26/2019	EURCAD	3:30:00 PM	1.51262	1.51281			N/A
3/27/2019	EURCAD	9:30:00 AM	1.5082	1.50881			N/A
3/27/2019	EURCAD	11:30:00 AM	1.50835	1.50907			N/A
3/27/2019	EURCAD	1:30:00 PM	1.51171	1.51245			N/A
3/27/2019	EURCAD	3:30:00 PM	1.50948	1.50998			N/A
3/28/2019	EURCAD	9:30:00 AM	1.50849	1.50929			N/A
3/28/2019	EURCAD	11:30:00 AM					N/A
3/28/2019	EURCAD	1:30:00 PM	1.50843	1.50914			N/A
3/28/2019	EURCAD	3:30:00 PM	1.50723	1.50759			N/A
3/29/2019	EURCAD	9:30:00 AM	1.50827	1.50902			N/A
3/29/2019	EURCAD	11:30:00 AM	1.50615	1.50688			N/A
3/29/2019	EURCAD	1:30:00 PM	1.50674	1.50741			N/A
3/29/2019	EURCAD	3:30:00 PM	1.50069	1.50129			N/A
1/1/2019	EURCHF	9:30:00 AM					N/A
1/1/2019	EURCHF	11:30:00 AM					N/A
1/1/2019	EURCHF	1:30:00 PM					N/A
1/1/2019	EURCHF	3:30:00 PM					N/A
1/2/2019	EURCHF	9:30:00 AM					N/A
1/2/2019	EURCHF	11:30:00 AM					N/A
1/2/2019	EURCHF	1:30:00 PM					N/A
1/2/2019	EURCHF	3:30:00 PM					N/A
1/3/2019	EURCHF	9:30:00 AM					N/A
1/3/2019	EURCHF	11:30:00 AM					N/A
1/3/2019	EURCHF	1:30:00 PM					N/A
1/3/2019	EURCHF	3:30:00 PM					N/A
1/4/2019	EURCHF	9:30:00 AM					N/A
1/4/2019	EURCHF	11:30:00 AM					N/A
1/4/2019	EURCHF	1:30:00 PM					N/A
1/4/2019	EURCHF	3:30:00 PM					N/A
1/7/2019	EURCHF	9:30:00 AM	1.12404	1.12443			N/A

1/7/2019	EURCHF	11:30:00 AM					N/A
1/7/2019	EURCHF	1:30:00 PM	1.12346	1.12349			N/A
1/7/2019	EURCHF	3:30:00 PM	1.12316	1.12322			N/A
1/8/2019	EURCHF	9:30:00 AM	1.12263	1.12254			N/A
1/8/2019	EURCHF	11:30:00 AM	1.12298	1.12289			N/A
1/8/2019	EURCHF	1:30:00 PM	1.1229	1.12282			N/A
1/8/2019	EURCHF	3:30:00 PM	1.12308	1.12318			N/A
1/9/2019	EURCHF	9:30:00 AM	1.1246	1.12469			N/A
1/9/2019	EURCHF	11:30:00 AM					N/A
1/9/2019	EURCHF	1:30:00 PM	1.12282	1.12278			N/A
1/9/2019	EURCHF	3:30:00 PM	1.12282	1.12295			N/A
1/10/2019	EURCHF	9:30:00 AM	1.12393	1.12393			N/A
1/10/2019	EURCHF	11:30:00 AM	1.12493	1.12502			N/A
1/10/2019	EURCHF	1:30:00 PM	1.12611	1.126			N/A
1/10/2019	EURCHF	3:30:00 PM	1.12851	1.12841			N/A
1/11/2019	EURCHF	9:30:00 AM	1.13302	1.13304			N/A
1/11/2019	EURCHF	11:30:00 AM					N/A
1/11/2019	EURCHF	1:30:00 PM	1.1327	1.13275			N/A
1/11/2019	EURCHF	3:30:00 PM	1.1323	1.13205			N/A
1/14/2019	EURCHF	9:30:00 AM	1.1279	1.12789			N/A
1/14/2019	EURCHF	11:30:00 AM	1.12706	1.12675			N/A
1/14/2019	EURCHF	1:30:00 PM	1.126	1.12608			N/A
1/14/2019	EURCHF	3:30:00 PM	1.1256	1.12563			N/A
1/15/2019	EURCHF	9:30:00 AM	1.12599	1.12593			N/A
1/15/2019	EURCHF	11:30:00 AM					N/A
1/15/2019	EURCHF	1:30:00 PM	1.12755	1.12763			N/A
1/15/2019	EURCHF	3:30:00 PM	1.12645	1.12631			N/A
1/16/2019	EURCHF	9:30:00 AM	1.12761	1.12736			N/A
1/16/2019	EURCHF	11:30:00 AM	1.12844	1.12845			N/A
1/16/2019	EURCHF	1:30:00 PM	1.12671	1.12674			N/A
1/16/2019	EURCHF	3:30:00 PM	1.12679	1.12688			N/A
1/17/2019	EURCHF	9:30:00 AM	1.12853	1.12859			N/A
1/17/2019	EURCHF	11:30:00 AM					N/A
1/17/2019	EURCHF	1:30:00 PM	1.13069	1.13146			N/A
1/17/2019	EURCHF	3:30:00 PM	1.13124	1.13092			N/A
1/18/2019	EURCHF	9:30:00 AM	1.13276	1.13286			N/A
1/18/2019	EURCHF	11:30:00 AM	1.1331	1.1332			N/A
1/18/2019	EURCHF	1:30:00 PM	1.13336	1.13347			N/A
1/18/2019	EURCHF	3:30:00 PM	1.13322	1.13335			N/A
1/21/2019	EURCHF	9:30:00 AM	1.13263	1.13277			N/A
1/21/2019	EURCHF	11:30:00 AM					N/A
1/21/2019	EURCHF	1:30:00 PM	1.13417	1.13428			N/A
1/21/2019	EURCHF	3:30:00 PM	1.13421	1.13434			N/A
1/22/2019	EURCHF	9:30:00 AM	1.13225	1.1323			N/A
1/22/2019	EURCHF	11:30:00 AM	1.13295	1.13309			N/A
1/22/2019	EURCHF	1:30:00 PM	1.13146	1.13239			N/A
1/22/2019	EURCHF	3:30:00 PM	1.13283	1.13367			N/A
1/23/2019	EURCHF	9:30:00 AM	1.13355	1.13447			N/A
1/23/2019	EURCHF	11:30:00 AM					N/A
1/23/2019	EURCHF	1:30:00 PM	1.1334	1.13419			N/A

1/23/2019	EURCHF	3:30:00 PM	1.13326	1.13408			N/A
1/24/2019	EURCHF	9:30:00 AM	1.13082	1.13167			N/A
1/24/2019	EURCHF	11:30:00 AM	1.12774	1.12853			N/A
1/24/2019	EURCHF	1:30:00 PM	1.12867	1.12926			N/A
1/24/2019	EURCHF	3:30:00 PM	1.1281	1.12892			N/A
1/25/2019	EURCHF	9:30:00 AM	1.12687	1.1277			N/A
1/25/2019	EURCHF	11:30:00 AM					N/A
1/25/2019	EURCHF	1:30:00 PM	1.12985	1.13062			N/A
1/25/2019	EURCHF	3:30:00 PM	1.13098	1.13184			N/A
1/28/2019	EURCHF	9:30:00 AM	1.13145	1.13231			N/A
1/28/2019	EURCHF	11:30:00 AM	1.13078	1.1316			N/A
1/28/2019	EURCHF	1:30:00 PM	1.13207	1.13297			N/A
1/28/2019	EURCHF	3:30:00 PM	1.13254	1.13344			N/A
1/29/2019	EURCHF	9:30:00 AM	1.13407	1.13494			N/A
1/29/2019	EURCHF	11:30:00 AM					N/A
1/29/2019	EURCHF	1:30:00 PM	1.13497	1.13587			N/A
1/29/2019	EURCHF	3:30:00 PM	1.1349	1.13573			N/A
1/30/2019	EURCHF	9:30:00 AM	1.13844	1.13929			N/A
1/30/2019	EURCHF	11:30:00 AM	1.13839	1.13933			N/A
1/30/2019	EURCHF	1:30:00 PM	1.13906	1.14003			N/A
1/30/2019	EURCHF	3:30:00 PM	1.13993	1.14074			N/A
1/31/2019	EURCHF	9:30:00 AM	1.14201	1.14282			N/A
1/31/2019	EURCHF	11:30:00 AM					N/A
1/31/2019	EURCHF	1:30:00 PM	1.13967	1.14053			N/A
1/31/2019	EURCHF	3:30:00 PM	1.14061	1.1411			N/A
2/1/2019	EURCHF	9:30:00 AM	1.13882	1.13971			N/A
2/1/2019	EURCHF	11:30:00 AM	1.13788	1.13845			N/A
2/1/2019	EURCHF	1:30:00 PM	1.13821	1.13913			N/A
2/1/2019	EURCHF	3:30:00 PM	1.13972	1.13978			N/A
2/4/2019	EURCHF	9:30:00 AM	1.14025	1.14118			N/A
2/4/2019	EURCHF	11:30:00 AM					N/A
2/4/2019	EURCHF	1:30:00 PM	1.14136	1.14223			N/A
2/4/2019	EURCHF	3:30:00 PM	1.14175	1.14249			N/A
2/5/2019	EURCHF	9:30:00 AM	1.14071	1.14152			N/A
2/5/2019	EURCHF	11:30:00 AM	1.14138	1.14211			N/A
2/5/2019	EURCHF	1:30:00 PM	1.14285	1.14375			N/A
2/5/2019	EURCHF	3:30:00 PM	1.14278	1.14364			N/A
2/6/2019	EURCHF	9:30:00 AM	1.13901	1.13986			N/A
2/6/2019	EURCHF	11:30:00 AM					N/A
2/6/2019	EURCHF	1:30:00 PM	1.13873	1.13963			N/A
2/6/2019	EURCHF	3:30:00 PM	1.13898	1.13989			N/A
2/7/2019	EURCHF	9:30:00 AM	1.13785	1.13879			N/A
2/7/2019	EURCHF	11:30:00 AM	1.13718	1.138			N/A
2/7/2019	EURCHF	1:30:00 PM	1.13524	1.13604			N/A
2/7/2019	EURCHF	3:30:00 PM	1.13549	1.13557			N/A
2/8/2019	EURCHF	9:30:00 AM	1.13516	1.13597			N/A
2/8/2019	EURCHF	11:30:00 AM					N/A
2/8/2019	EURCHF	1:30:00 PM	1.13553	1.13643			N/A
2/8/2019	EURCHF	3:30:00 PM	1.13553	1.13634			N/A
2/11/2019	EURCHF	9:30:00 AM	1.13251	1.13327			N/A

2/11/2019	EURCHF	11:30:00 AM	1.13331	1.13402			N/A
2/11/2019	EURCHF	1:30:00 PM	1.1341	1.13493			N/A
2/11/2019	EURCHF	3:30:00 PM	1.13468	1.1356			N/A
2/12/2019	EURCHF	9:30:00 AM	1.13288	1.13369			N/A
2/12/2019	EURCHF	11:30:00 AM					N/A
2/12/2019	EURCHF	1:30:00 PM	1.13687	1.13767			N/A
2/12/2019	EURCHF	3:30:00 PM	1.13869	1.13916			N/A
2/13/2019	EURCHF	9:30:00 AM	1.13905	1.13997			N/A
2/13/2019	EURCHF	11:30:00 AM	1.13842	1.13935			N/A
2/13/2019	EURCHF	1:30:00 PM	1.1376	1.13847			N/A
2/13/2019	EURCHF	3:30:00 PM	1.13636	1.13711			N/A
2/14/2019	EURCHF	9:30:00 AM	1.13732	1.13823			N/A
2/14/2019	EURCHF	11:30:00 AM					N/A
2/14/2019	EURCHF	1:30:00 PM	1.1367	1.13751			N/A
2/14/2019	EURCHF	3:30:00 PM	1.13678	1.13751			N/A
2/15/2019	EURCHF	9:30:00 AM					N/A
2/15/2019	EURCHF	11:30:00 AM					N/A
2/15/2019	EURCHF	1:30:00 PM					N/A
2/15/2019	EURCHF	3:30:00 PM					N/A
2/18/2019	EURCHF	9:30:00 AM	1.13466	1.13554			N/A
2/18/2019	EURCHF	11:30:00 AM					N/A
2/18/2019	EURCHF	1:30:00 PM	1.13559	1.13652			N/A
2/18/2019	EURCHF	3:30:00 PM	1.1354	1.13634			N/A
2/19/2019	EURCHF	9:30:00 AM	1.1356	1.13647			N/A
2/19/2019	EURCHF	11:30:00 AM	1.13545	1.13619			N/A
2/19/2019	EURCHF	1:30:00 PM	1.13431	1.13435			N/A
2/19/2019	EURCHF	3:30:00 PM	1.13452	1.13463			N/A
2/20/2019	EURCHF	9:30:00 AM	1.13561	1.13557			N/A
2/20/2019	EURCHF	11:30:00 AM					N/A
2/20/2019	EURCHF	1:30:00 PM	1.13473	1.13479			N/A
2/20/2019	EURCHF	3:30:00 PM	1.13423	1.13425			N/A
2/21/2019	EURCHF	9:30:00 AM	1.13508	1.13507			N/A
2/21/2019	EURCHF	11:30:00 AM	1.13478	1.13475			N/A
2/21/2019	EURCHF	1:30:00 PM	1.13545	1.13551			N/A
2/21/2019	EURCHF	3:30:00 PM	1.13654	1.13602			N/A
2/22/2019	EURCHF	9:30:00 AM	1.13531	1.13526			N/A
2/22/2019	EURCHF	11:30:00 AM					N/A
2/22/2019	EURCHF	1:30:00 PM	1.13437	1.13445			N/A
2/22/2019	EURCHF	3:30:00 PM	1.13468	1.13479			N/A
2/25/2019	EURCHF	9:30:00 AM	1.1346	1.13465			N/A
2/25/2019	EURCHF	11:30:00 AM	1.13454	1.13467			N/A
2/25/2019	EURCHF	1:30:00 PM	1.13498	1.13501		3	N/A
2/25/2019	EURCHF	3:30:00 PM	1.13522	1.13535			N/A
2/26/2019	EURCHF	9:30:00 AM	1.13603	1.13608			N/A
2/26/2019	EURCHF	11:30:00 AM					N/A
2/26/2019	EURCHF	1:30:00 PM	1.13711	1.13726			N/A
2/26/2019	EURCHF	3:30:00 PM	1.13712	1.13718			N/A
2/27/2019	EURCHF	9:30:00 AM	1.13714	1.13723			N/A
2/27/2019	EURCHF	11:30:00 AM	1.13682	1.13686			N/A
2/27/2019	EURCHF	1:30:00 PM	1.13608	1.13617			N/A

2/27/2019	EURCHF	3:30:00 PM	1.136	1.13609			N/A
2/28/2019	EURCHF	9:30:00 AM	1.13483	1.1347			N/A
2/28/2019	EURCHF	11:30:00 AM					N/A
2/28/2019	EURCHF	1:30:00 PM	1.13444	1.1344			N/A
2/28/2019	EURCHF	3:30:00 PM	1.13422	1.13385			N/A
3/1/2019	EURCHF	9:30:00 AM	1.13486	1.13484			N/A
3/1/2019	EURCHF	11:30:00 AM	1.13665	1.13669			N/A
3/1/2019	EURCHF	1:30:00 PM	1.13619	1.13614			N/A
3/1/2019	EURCHF	3:30:00 PM	1.13639	1.13641			N/A
3/4/2019	EURCHF	9:30:00 AM	1.13652	1.13662			N/A
3/4/2019	EURCHF	11:30:00 AM					N/A
3/4/2019	EURCHF	1:30:00 PM	1.13481	1.13466			N/A
3/4/2019	EURCHF	3:30:00 PM	1.13411	1.13398			N/A
3/5/2019	EURCHF	9:30:00 AM	1.13233	1.13234			N/A
3/5/2019	EURCHF	11:30:00 AM	1.13423	1.13423			N/A
3/5/2019	EURCHF	1:30:00 PM	1.13344	1.13357			N/A
3/5/2019	EURCHF	3:30:00 PM	1.13355	1.13353			N/A
3/6/2019	EURCHF	9:30:00 AM	1.13536	1.13539			N/A
3/6/2019	EURCHF	11:30:00 AM					N/A
3/6/2019	EURCHF	1:30:00 PM	1.13533	1.13543			N/A
3/6/2019	EURCHF	3:30:00 PM	1.13598	1.13564			N/A
3/7/2019	EURCHF	9:30:00 AM	1.13558	1.13572			N/A
3/7/2019	EURCHF	11:30:00 AM	1.13606	1.13619			N/A
3/7/2019	EURCHF	1:30:00 PM	1.13591	1.13607			N/A
3/7/2019	EURCHF	3:30:00 PM	1.13535	1.13532			N/A
3/8/2019	EURCHF	9:30:00 AM	1.13146	1.13147			N/A
3/8/2019	EURCHF	11:30:00 AM					N/A
3/8/2019	EURCHF	1:30:00 PM	1.13312	1.13315			N/A
3/8/2019	EURCHF	3:30:00 PM	1.13271	1.13207			N/A
3/11/2019	EURCHF	9:30:00 AM	1.13293	1.13296			N/A
3/11/2019	EURCHF	11:30:00 AM	1.13353	1.13356			N/A
3/11/2019	EURCHF	1:30:00 PM	1.13438	1.13451			N/A
3/11/2019	EURCHF	3:30:00 PM	1.13567	1.13568			N/A
3/12/2019	EURCHF	9:30:00 AM	1.13794	1.13804			N/A
3/12/2019	EURCHF	11:30:00 AM					N/A
3/12/2019	EURCHF	1:30:00 PM	1.13559	1.13568			N/A
3/12/2019	EURCHF	3:30:00 PM	1.13708	1.13708			N/A
3/13/2019	EURCHF	9:30:00 AM	1.13722	1.13723			N/A
3/13/2019	EURCHF	11:30:00 AM	1.13607	1.13609			N/A
3/13/2019	EURCHF	1:30:00 PM	1.13619	1.13623			N/A
3/13/2019	EURCHF	3:30:00 PM	1.13671	1.13673			N/A
3/14/2019	EURCHF	9:30:00 AM	1.13719	1.13723			N/A
3/14/2019	EURCHF	11:30:00 AM					N/A
3/14/2019	EURCHF	1:30:00 PM	1.13518	1.13516			N/A
3/14/2019	EURCHF	3:30:00 PM	1.13513	1.13527			N/A
3/15/2019	EURCHF	9:30:00 AM	1.13462	1.13473			N/A
3/15/2019	EURCHF	11:30:00 AM	1.13634	1.1363			N/A
3/15/2019	EURCHF	1:30:00 PM	1.13622	1.13627			N/A
3/15/2019	EURCHF	3:30:00 PM	1.13621	1.13617			N/A
3/18/2019	EURCHF	9:30:00 AM	1.13557	1.13564			N/A

3/18/2019	EURCHF	11:30:00 AM					N/A
3/18/2019	EURCHF	1:30:00 PM	1.13557	1.13571			N/A
3/18/2019	EURCHF	3:30:00 PM	1.13593	1.13597			N/A
3/19/2019	EURCHF	9:30:00 AM	1.13501	1.13512			N/A
3/19/2019	EURCHF	11:30:00 AM	1.1352	1.13526			N/A
3/19/2019	EURCHF	1:30:00 PM	1.13544	1.13553			N/A
3/19/2019	EURCHF	3:30:00 PM	1.13503	1.13502			N/A
3/20/2019	EURCHF	9:30:00 AM	1.13455	1.13466			N/A
3/20/2019	EURCHF	11:30:00 AM					N/A
3/20/2019	EURCHF	1:30:00 PM	1.13402	1.13414			N/A
3/20/2019	EURCHF	3:30:00 PM	1.13381	1.13373			N/A
3/21/2019	EURCHF	9:30:00 AM	1.13321	1.13333			N/A
3/21/2019	EURCHF	11:30:00 AM	1.13244	1.13239			N/A
3/21/2019	EURCHF	1:30:00 PM	1.13187	1.13189			N/A
3/21/2019	EURCHF	3:30:00 PM	1.13048	1.13044			N/A
3/22/2019	EURCHF	9:30:00 AM	1.12952	1.12961			N/A
3/22/2019	EURCHF	11:30:00 AM					N/A
3/22/2019	EURCHF	1:30:00 PM	1.12416	1.12424			N/A
3/22/2019	EURCHF	3:30:00 PM	1.12433	1.12437			N/A
3/25/2019	EURCHF	9:30:00 AM	1.12432	1.12441			N/A
3/25/2019	EURCHF	11:30:00 AM	1.12505	1.12514			N/A
3/25/2019	EURCHF	1:30:00 PM	1.12362	1.12375			N/A
3/25/2019	EURCHF	3:30:00 PM	1.12365	1.12348			N/A
3/26/2019	EURCHF	9:30:00 AM	1.12289	1.12303			N/A
3/26/2019	EURCHF	11:30:00 AM					N/A
3/26/2019	EURCHF	1:30:00 PM	1.12346	1.12345			N/A
3/26/2019	EURCHF	3:30:00 PM	1.12253	1.1226			N/A
3/27/2019	EURCHF	9:30:00 AM	1.12084	1.12087			N/A
3/27/2019	EURCHF	11:30:00 AM	1.12035	1.12039			N/A
3/27/2019	EURCHF	1:30:00 PM	1.11999	1.11992			N/A
3/27/2019	EURCHF	3:30:00 PM	1.1195	1.11957			N/A
3/28/2019	EURCHF	9:30:00 AM	1.12025	1.12039			N/A
3/28/2019	EURCHF	11:30:00 AM					N/A
3/28/2019	EURCHF	1:30:00 PM	1.11861	1.11865			N/A
3/28/2019	EURCHF	3:30:00 PM	1.1186	1.11862			N/A
3/29/2019	EURCHF	9:30:00 AM	1.11891	1.11898			N/A
3/29/2019	EURCHF	11:30:00 AM	1.11727	1.11732			N/A
3/29/2019	EURCHF	1:30:00 PM	1.11863	1.11878			N/A
3/29/2019	EURCHF	3:30:00 PM	1.11778	1.11785			N/A
1/1/2019	EURCZK	9:30:00 AM					N/A
1/1/2019	EURCZK	11:30:00 AM					N/A
1/1/2019	EURCZK	1:30:00 PM					N/A
1/1/2019	EURCZK	3:30:00 PM					N/A
1/2/2019	EURCZK	9:30:00 AM					N/A
1/2/2019	EURCZK	11:30:00 AM					N/A
1/2/2019	EURCZK	1:30:00 PM					N/A
1/2/2019	EURCZK	3:30:00 PM					N/A
1/3/2019	EURCZK	9:30:00 AM					N/A
1/3/2019	EURCZK	11:30:00 AM					N/A
1/3/2019	EURCZK	1:30:00 PM					N/A

1/3/2019	EURCZK	3:30:00 PM					N/A
1/4/2019	EURCZK	9:30:00 AM					N/A
1/4/2019	EURCZK	11:30:00 AM					N/A
1/4/2019	EURCZK	1:30:00 PM					N/A
1/4/2019	EURCZK	3:30:00 PM					N/A
1/7/2019	EURCZK	9:30:00 AM	25.498	25.537			N/A
1/7/2019	EURCZK	11:30:00 AM					N/A
1/7/2019	EURCZK	1:30:00 PM	25.523	25.557			N/A
1/7/2019	EURCZK	3:30:00 PM	25.533	25.568			N/A
1/8/2019	EURCZK	9:30:00 AM	25.535	25.572			N/A
1/8/2019	EURCZK	11:30:00 AM	25.596	25.63			N/A
1/8/2019	EURCZK	1:30:00 PM					N/A
1/8/2019	EURCZK	3:30:00 PM	25.597	25.633			N/A
1/9/2019	EURCZK	9:30:00 AM	25.592	25.625			N/A
1/9/2019	EURCZK	11:30:00 AM					N/A
1/9/2019	EURCZK	1:30:00 PM	25.583	25.618			N/A
1/9/2019	EURCZK	3:30:00 PM	25.591	25.63			N/A
1/10/2019	EURCZK	9:30:00 AM					N/A
1/10/2019	EURCZK	11:30:00 AM	25.583	25.62			N/A
1/10/2019	EURCZK	1:30:00 PM	25.581	25.621			N/A
1/10/2019	EURCZK	3:30:00 PM	25.582	25.617			N/A
1/11/2019	EURCZK	9:30:00 AM	25.531	25.571			N/A
1/11/2019	EURCZK	11:30:00 AM					N/A
1/11/2019	EURCZK	1:30:00 PM	25.56	25.593			N/A
1/11/2019	EURCZK	3:30:00 PM	25.552	25.582			N/A
1/14/2019	EURCZK	9:30:00 AM	25.521	25.553			N/A
1/14/2019	EURCZK	11:30:00 AM	25.522	25.56			N/A
1/14/2019	EURCZK	1:30:00 PM	25.539	25.57			N/A
1/14/2019	EURCZK	3:30:00 PM	25.531	25.561			N/A
1/15/2019	EURCZK	9:30:00 AM	25.507	25.546			N/A
1/15/2019	EURCZK	11:30:00 AM					N/A
1/15/2019	EURCZK	1:30:00 PM	25.51	25.55			N/A
1/15/2019	EURCZK	3:30:00 PM	25.526	25.562			N/A
1/16/2019	EURCZK	9:30:00 AM	25.5	25.54			N/A
1/16/2019	EURCZK	11:30:00 AM	25.528	25.567			N/A
1/16/2019	EURCZK	1:30:00 PM	25.524	25.561			N/A
1/16/2019	EURCZK	3:30:00 PM	25.528	25.567			N/A
1/17/2019	EURCZK	9:30:00 AM	25.51	25.545			N/A
1/17/2019	EURCZK	11:30:00 AM					N/A
1/17/2019	EURCZK	1:30:00 PM	25.499	25.538			N/A
1/17/2019	EURCZK	3:30:00 PM	25.494	25.529			N/A
1/18/2019	EURCZK	9:30:00 AM	25.502	25.542			N/A
1/18/2019	EURCZK	11:30:00 AM	25.52	25.557			N/A
1/18/2019	EURCZK	1:30:00 PM	25.533	25.573			N/A
1/18/2019	EURCZK	3:30:00 PM	25.542	25.575			N/A
1/21/2019	EURCZK	9:30:00 AM	25.542	25.581			N/A
1/21/2019	EURCZK	11:30:00 AM					N/A
1/21/2019	EURCZK	1:30:00 PM	25.553	25.592			N/A
1/21/2019	EURCZK	3:30:00 PM	25.551	25.59			N/A
1/22/2019	EURCZK	9:30:00 AM	25.546	25.582			N/A

1/22/2019	EURCZK	11:30:00 AM	25.572	25.612			N/A
1/22/2019	EURCZK	1:30:00 PM	25.565	25.605			N/A
1/22/2019	EURCZK	3:30:00 PM	25.561	25.599			N/A
1/23/2019	EURCZK	9:30:00 AM					N/A
1/23/2019	EURCZK	11:30:00 AM					N/A
1/23/2019	EURCZK	1:30:00 PM	25.639	25.676			N/A
1/23/2019	EURCZK	3:30:00 PM	25.65	25.689			N/A
1/24/2019	EURCZK	9:30:00 AM	25.661	25.7			N/A
1/24/2019	EURCZK	11:30:00 AM	25.667	25.706			N/A
1/24/2019	EURCZK	1:30:00 PM	25.664	25.7			N/A
1/24/2019	EURCZK	3:30:00 PM	25.671	25.71			N/A
1/25/2019	EURCZK	9:30:00 AM	25.698	25.737			N/A
1/25/2019	EURCZK	11:30:00 AM					N/A
1/25/2019	EURCZK	1:30:00 PM	25.669	25.706			N/A
1/25/2019	EURCZK	3:30:00 PM	25.652	25.687			N/A
1/28/2019	EURCZK	9:30:00 AM	25.637	25.668			N/A
1/28/2019	EURCZK	11:30:00 AM	25.664	25.704			N/A
1/28/2019	EURCZK	1:30:00 PM					N/A
1/28/2019	EURCZK	3:30:00 PM	25.692	25.729			N/A
1/29/2019	EURCZK	9:30:00 AM	25.729	25.768			N/A
1/29/2019	EURCZK	11:30:00 AM					N/A
1/29/2019	EURCZK	1:30:00 PM	25.71	25.747			N/A
1/29/2019	EURCZK	3:30:00 PM	25.711	25.75			N/A
1/30/2019	EURCZK	9:30:00 AM	25.727	25.763			N/A
1/30/2019	EURCZK	11:30:00 AM					N/A
1/30/2019	EURCZK	1:30:00 PM	25.742	25.782			N/A
1/30/2019	EURCZK	3:30:00 PM	25.751	25.789			N/A
1/31/2019	EURCZK	9:30:00 AM	25.732	25.77			N/A
1/31/2019	EURCZK	11:30:00 AM					N/A
1/31/2019	EURCZK	1:30:00 PM	25.714	25.753			N/A
1/31/2019	EURCZK	3:30:00 PM	25.722	25.758			N/A
2/1/2019	EURCZK	9:30:00 AM	25.72	25.759			N/A
2/1/2019	EURCZK	11:30:00 AM	25.702	25.739			N/A
2/1/2019	EURCZK	1:30:00 PM	25.703	25.741			N/A
2/1/2019	EURCZK	3:30:00 PM	25.654	25.687			N/A
2/4/2019	EURCZK	9:30:00 AM	25.663	25.701			N/A
2/4/2019	EURCZK	11:30:00 AM					N/A
2/4/2019	EURCZK	1:30:00 PM	25.692	25.731			N/A
2/4/2019	EURCZK	3:30:00 PM	25.686	25.723			N/A
2/5/2019	EURCZK	9:30:00 AM	25.643	25.682			N/A
2/5/2019	EURCZK	11:30:00 AM	25.645	25.679			N/A
2/5/2019	EURCZK	1:30:00 PM					N/A
2/5/2019	EURCZK	3:30:00 PM	25.658	25.697			N/A
2/6/2019	EURCZK	9:30:00 AM	25.67	25.71			N/A
2/6/2019	EURCZK	11:30:00 AM					N/A
2/6/2019	EURCZK	1:30:00 PM	25.717	25.756			N/A
2/6/2019	EURCZK	3:30:00 PM	25.747	25.784			N/A
2/7/2019	EURCZK	9:30:00 AM	25.761	25.8			N/A
2/7/2019	EURCZK	11:30:00 AM	25.758	25.796			N/A
2/7/2019	EURCZK	1:30:00 PM	25.76	25.797			N/A

2/7/2019	EURCZK	3:30:00 PM	25.761	25.8			N/A
2/8/2019	EURCZK	9:30:00 AM	25.753	25.793			N/A
2/8/2019	EURCZK	11:30:00 AM					N/A
2/8/2019	EURCZK	1:30:00 PM					N/A
2/8/2019	EURCZK	3:30:00 PM					N/A
2/11/2019	EURCZK	9:30:00 AM	25.774	25.813			N/A
2/11/2019	EURCZK	11:30:00 AM	25.795	25.83			N/A
2/11/2019	EURCZK	1:30:00 PM	25.79	25.827			N/A
2/11/2019	EURCZK	3:30:00 PM	25.8	25.837			N/A
2/12/2019	EURCZK	9:30:00 AM					N/A
2/12/2019	EURCZK	11:30:00 AM					N/A
2/12/2019	EURCZK	1:30:00 PM	25.811	25.85			N/A
2/12/2019	EURCZK	3:30:00 PM	25.827	25.867			N/A
2/13/2019	EURCZK	9:30:00 AM	25.811	25.839			N/A
2/13/2019	EURCZK	11:30:00 AM	25.774	25.803			N/A
2/13/2019	EURCZK	1:30:00 PM	25.791	25.827			N/A
2/13/2019	EURCZK	3:30:00 PM	25.758	25.793			N/A
2/14/2019	EURCZK	9:30:00 AM	25.74	25.778			N/A
2/14/2019	EURCZK	11:30:00 AM					N/A
2/14/2019	EURCZK	1:30:00 PM	25.745	25.784			N/A
2/14/2019	EURCZK	3:30:00 PM	25.743	25.779			N/A
2/15/2019	EURCZK	9:30:00 AM					N/A
2/15/2019	EURCZK	11:30:00 AM					N/A
2/15/2019	EURCZK	1:30:00 PM					N/A
2/15/2019	EURCZK	3:30:00 PM					N/A
2/18/2019	EURCZK	9:30:00 AM	25.624	25.66			N/A
2/18/2019	EURCZK	11:30:00 AM					N/A
2/18/2019	EURCZK	1:30:00 PM					N/A
2/18/2019	EURCZK	3:30:00 PM					N/A
2/19/2019	EURCZK	9:30:00 AM	25.692	25.729			N/A
2/19/2019	EURCZK	11:30:00 AM	25.701	25.725			N/A
2/19/2019	EURCZK	1:30:00 PM	25.684	25.723			N/A
2/19/2019	EURCZK	3:30:00 PM	25.674	25.711			N/A
2/20/2019	EURCZK	9:30:00 AM	25.641	25.679			N/A
2/20/2019	EURCZK	11:30:00 AM					N/A
2/20/2019	EURCZK	1:30:00 PM	25.639	25.678			N/A
2/20/2019	EURCZK	3:30:00 PM					N/A
2/21/2019	EURCZK	9:30:00 AM	25.617	25.655			N/A
2/21/2019	EURCZK	11:30:00 AM	25.625	25.658			N/A
2/21/2019	EURCZK	1:30:00 PM	25.622	25.657			N/A
2/21/2019	EURCZK	3:30:00 PM	25.613	25.649			N/A
2/22/2019	EURCZK	9:30:00 AM	25.593	25.632			N/A
2/22/2019	EURCZK	11:30:00 AM					N/A
2/22/2019	EURCZK	1:30:00 PM					N/A
2/22/2019	EURCZK	3:30:00 PM	25.62	25.66			N/A
2/25/2019	EURCZK	9:30:00 AM	25.604	25.644			N/A
2/25/2019	EURCZK	11:30:00 AM					N/A
2/25/2019	EURCZK	1:30:00 PM	25.598	25.638			N/A
2/25/2019	EURCZK	3:30:00 PM	25.62	25.655			N/A
2/26/2019	EURCZK	9:30:00 AM					N/A

2/26/2019	EURCZK	11:30:00 AM					N/A
2/26/2019	EURCZK	1:30:00 PM	25.622	25.66			N/A
2/26/2019	EURCZK	3:30:00 PM	25.627	25.663			N/A
2/27/2019	EURCZK	9:30:00 AM					N/A
2/27/2019	EURCZK	11:30:00 AM	25.603	25.635			N/A
2/27/2019	EURCZK	1:30:00 PM	25.607	25.645			N/A
2/27/2019	EURCZK	3:30:00 PM	25.617	25.656			N/A
2/28/2019	EURCZK	9:30:00 AM	25.603	25.642			N/A
2/28/2019	EURCZK	11:30:00 AM					N/A
2/28/2019	EURCZK	1:30:00 PM	25.577	25.616			N/A
2/28/2019	EURCZK	3:30:00 PM	25.56	25.588			N/A
3/1/2019	EURCZK	9:30:00 AM	25.573	25.605			N/A
3/1/2019	EURCZK	11:30:00 AM	25.57	25.607			N/A
3/1/2019	EURCZK	1:30:00 PM	25.59	25.63			N/A
3/1/2019	EURCZK	3:30:00 PM	25.594	25.634			N/A
3/4/2019	EURCZK	9:30:00 AM	25.589	25.628			N/A
3/4/2019	EURCZK	11:30:00 AM					N/A
3/4/2019	EURCZK	1:30:00 PM	25.593	25.632			N/A
3/4/2019	EURCZK	3:30:00 PM	25.583	25.622			N/A
3/5/2019	EURCZK	9:30:00 AM	25.582	25.619			N/A
3/5/2019	EURCZK	11:30:00 AM	25.573	25.611			N/A
3/5/2019	EURCZK	1:30:00 PM					N/A
3/5/2019	EURCZK	3:30:00 PM	25.581	25.62			N/A
3/6/2019	EURCZK	9:30:00 AM	25.588	25.628			N/A
3/6/2019	EURCZK	11:30:00 AM					N/A
3/6/2019	EURCZK	1:30:00 PM					N/A
3/6/2019	EURCZK	3:30:00 PM	25.548	25.587			N/A
3/7/2019	EURCZK	9:30:00 AM	25.565	25.605			N/A
3/7/2019	EURCZK	11:30:00 AM	25.551	25.586			N/A
3/7/2019	EURCZK	1:30:00 PM	25.559	25.597			N/A
3/7/2019	EURCZK	3:30:00 PM	25.566	25.6			N/A
3/8/2019	EURCZK	9:30:00 AM	25.592	25.632			N/A
3/8/2019	EURCZK	11:30:00 AM					N/A
3/8/2019	EURCZK	1:30:00 PM					N/A
3/8/2019	EURCZK	3:30:00 PM	25.599	25.636			N/A
3/11/2019	EURCZK	9:30:00 AM	25.595	25.635			N/A
3/11/2019	EURCZK	11:30:00 AM	25.619	25.658			N/A
3/11/2019	EURCZK	1:30:00 PM	25.62	25.659			N/A
3/11/2019	EURCZK	3:30:00 PM	25.62	25.659			N/A
3/12/2019	EURCZK	9:30:00 AM	25.623	25.661			N/A
3/12/2019	EURCZK	11:30:00 AM					N/A
3/12/2019	EURCZK	1:30:00 PM	25.632	25.672			N/A
3/12/2019	EURCZK	3:30:00 PM					N/A
3/13/2019	EURCZK	9:30:00 AM	25.633	25.671			N/A
3/13/2019	EURCZK	11:30:00 AM	25.635	25.675			N/A
3/13/2019	EURCZK	1:30:00 PM					N/A
3/13/2019	EURCZK	3:30:00 PM	25.634	25.667			N/A
3/14/2019	EURCZK	9:30:00 AM	25.613	25.651			N/A
3/14/2019	EURCZK	11:30:00 AM					N/A
3/14/2019	EURCZK	1:30:00 PM	25.626	25.664			N/A

3/14/2019	EURCZK	3:30:00 PM	25.631	25.669			N/A
3/15/2019	EURCZK	9:30:00 AM	25.626	25.665			N/A
3/15/2019	EURCZK	11:30:00 AM	25.624	25.662			N/A
3/15/2019	EURCZK	1:30:00 PM					N/A
3/15/2019	EURCZK	3:30:00 PM	25.627	25.666			N/A
3/18/2019	EURCZK	9:30:00 AM	25.604	25.644			N/A
3/18/2019	EURCZK	11:30:00 AM					N/A
3/18/2019	EURCZK	1:30:00 PM					N/A
3/18/2019	EURCZK	3:30:00 PM	25.578	25.617			N/A
3/19/2019	EURCZK	9:30:00 AM	25.57	25.609			N/A
3/19/2019	EURCZK	11:30:00 AM	25.57	25.609			N/A
3/19/2019	EURCZK	1:30:00 PM	25.565	25.604			N/A
3/19/2019	EURCZK	3:30:00 PM	25.566	25.606			N/A
3/20/2019	EURCZK	9:30:00 AM	25.593	25.631			N/A
3/20/2019	EURCZK	11:30:00 AM					N/A
3/20/2019	EURCZK	1:30:00 PM	25.596	25.635			N/A
3/20/2019	EURCZK	3:30:00 PM	25.607	25.645			N/A
3/21/2019	EURCZK	9:30:00 AM	25.606	25.644			N/A
3/21/2019	EURCZK	11:30:00 AM	25.601	25.636			N/A
3/21/2019	EURCZK	1:30:00 PM	25.612	25.651			N/A
3/21/2019	EURCZK	3:30:00 PM	25.606	25.645			N/A
3/22/2019	EURCZK	9:30:00 AM	25.613	25.652			N/A
3/22/2019	EURCZK	11:30:00 AM					N/A
3/22/2019	EURCZK	1:30:00 PM	25.673	25.699			N/A
3/22/2019	EURCZK	3:30:00 PM	25.696	25.735			N/A
3/25/2019	EURCZK	9:30:00 AM	25.719	25.753			N/A
3/25/2019	EURCZK	11:30:00 AM	25.702	25.733			N/A
3/25/2019	EURCZK	1:30:00 PM	25.727	25.764			N/A
3/25/2019	EURCZK	3:30:00 PM	25.729	25.757			N/A
3/26/2019	EURCZK	9:30:00 AM	25.724	25.763			N/A
3/26/2019	EURCZK	11:30:00 AM					N/A
3/26/2019	EURCZK	1:30:00 PM	25.731	25.765			N/A
3/26/2019	EURCZK	3:30:00 PM	25.731	25.768			N/A
3/27/2019	EURCZK	9:30:00 AM	25.727	25.761			N/A
3/27/2019	EURCZK	11:30:00 AM	25.709	25.749			N/A
3/27/2019	EURCZK	1:30:00 PM	25.749	25.788			N/A
3/27/2019	EURCZK	3:30:00 PM	25.764	25.802			N/A
3/28/2019	EURCZK	9:30:00 AM	25.738	25.778			N/A
3/28/2019	EURCZK	11:30:00 AM					N/A
3/28/2019	EURCZK	1:30:00 PM	25.752	25.787			N/A
3/28/2019	EURCZK	3:30:00 PM	25.736	25.775			N/A
3/29/2019	EURCZK	9:30:00 AM					N/A
3/29/2019	EURCZK	11:30:00 AM	25.795	25.831			N/A
3/29/2019	EURCZK	1:30:00 PM	25.782	25.821			N/A
3/29/2019	EURCZK	3:30:00 PM	25.762	25.801			N/A
1/1/2019	EURDKK	9:30:00 AM					N/A
1/1/2019	EURDKK	11:30:00 AM					N/A
1/1/2019	EURDKK	1:30:00 PM					N/A
1/1/2019	EURDKK	3:30:00 PM					N/A
1/2/2019	EURDKK	9:30:00 AM					N/A

1/2/2019	EURDKK	11:30:00 AM					N/A
1/2/2019	EURDKK	1:30:00 PM					N/A
1/2/2019	EURDKK	3:30:00 PM					N/A
1/3/2019	EURDKK	9:30:00 AM					N/A
1/3/2019	EURDKK	11:30:00 AM					N/A
1/3/2019	EURDKK	1:30:00 PM					N/A
1/3/2019	EURDKK	3:30:00 PM					N/A
1/4/2019	EURDKK	9:30:00 AM					N/A
1/4/2019	EURDKK	11:30:00 AM					N/A
1/4/2019	EURDKK	1:30:00 PM					N/A
1/4/2019	EURDKK	3:30:00 PM					N/A
1/7/2019	EURDKK	9:30:00 AM	7.4667	7.4671			N/A
1/7/2019	EURDKK	11:30:00 AM					N/A
1/7/2019	EURDKK	1:30:00 PM	7.4664	7.4675			N/A
1/7/2019	EURDKK	3:30:00 PM	7.4665	7.467			N/A
1/8/2019	EURDKK	9:30:00 AM	7.4664	7.4676			N/A
1/8/2019	EURDKK	11:30:00 AM	7.4659	7.4669			N/A
1/8/2019	EURDKK	1:30:00 PM	7.4658	7.4666			N/A
1/8/2019	EURDKK	3:30:00 PM	7.4654	7.4666			N/A
1/9/2019	EURDKK	9:30:00 AM					N/A
1/9/2019	EURDKK	11:30:00 AM					N/A
1/9/2019	EURDKK	1:30:00 PM	7.4644	7.4655			N/A
1/9/2019	EURDKK	3:30:00 PM	7.4648	7.4658			N/A
1/10/2019	EURDKK	9:30:00 AM	7.4648	7.4659			N/A
1/10/2019	EURDKK	11:30:00 AM	7.4647	7.465			N/A
1/10/2019	EURDKK	1:30:00 PM	7.4634	7.4646			N/A
1/10/2019	EURDKK	3:30:00 PM	7.4651	7.4663			N/A
1/11/2019	EURDKK	9:30:00 AM	7.4641	7.4651			N/A
1/11/2019	EURDKK	11:30:00 AM					N/A
1/11/2019	EURDKK	1:30:00 PM	7.4634	7.4644			N/A
1/11/2019	EURDKK	3:30:00 PM	7.4637	7.4643			N/A
1/14/2019	EURDKK	9:30:00 AM	7.4636	7.4646			N/A
1/14/2019	EURDKK	11:30:00 AM	7.4635	7.4645			N/A
1/14/2019	EURDKK	1:30:00 PM	7.4629	7.4637			N/A
1/14/2019	EURDKK	3:30:00 PM	7.463	7.4638			N/A
1/15/2019	EURDKK	9:30:00 AM	7.4635	7.4643			N/A
1/15/2019	EURDKK	11:30:00 AM					N/A
1/15/2019	EURDKK	1:30:00 PM	7.4628	7.4635			N/A
1/15/2019	EURDKK	3:30:00 PM	7.4632	7.4644			N/A
1/16/2019	EURDKK	9:30:00 AM	7.4624	7.4634			N/A
1/16/2019	EURDKK	11:30:00 AM	7.4598	7.461			N/A
1/16/2019	EURDKK	1:30:00 PM	7.4637	7.464			N/A
1/16/2019	EURDKK	3:30:00 PM	7.4639	7.4651			N/A
1/17/2019	EURDKK	9:30:00 AM	7.4621	7.4634			N/A
1/17/2019	EURDKK	11:30:00 AM					N/A
1/17/2019	EURDKK	1:30:00 PM	7.4645	7.4655			N/A
1/17/2019	EURDKK	3:30:00 PM	7.464	7.4652			N/A
1/18/2019	EURDKK	9:30:00 AM	7.4644	7.4656			N/A
1/18/2019	EURDKK	11:30:00 AM	7.4643	7.464			N/A
1/18/2019	EURDKK	1:30:00 PM	7.4642	7.4652			N/A

1/18/2019	EURDKK	3:30:00 PM	7.4639	7.4651			N/A
1/21/2019	EURDKK	9:30:00 AM	7.4645	7.4657			N/A
1/21/2019	EURDKK	11:30:00 AM					N/A
1/21/2019	EURDKK	1:30:00 PM	7.4647	7.4656			N/A
1/21/2019	EURDKK	3:30:00 PM	7.4655	7.4667			N/A
1/22/2019	EURDKK	9:30:00 AM	7.4652	7.4656			N/A
1/22/2019	EURDKK	11:30:00 AM	7.4654	7.4654			N/A
1/22/2019	EURDKK	1:30:00 PM	7.4662	7.4672			N/A
1/22/2019	EURDKK	3:30:00 PM	7.4661	7.4672			N/A
1/23/2019	EURDKK	9:30:00 AM	7.4646	7.4659			N/A
1/23/2019	EURDKK	11:30:00 AM					N/A
1/23/2019	EURDKK	1:30:00 PM	7.4653	7.4665			N/A
1/23/2019	EURDKK	3:30:00 PM	7.4657	7.4669			N/A
1/24/2019	EURDKK	9:30:00 AM	7.466	7.467			N/A
1/24/2019	EURDKK	11:30:00 AM	7.4659	7.4671			N/A
1/24/2019	EURDKK	1:30:00 PM	7.4654	7.4665			N/A
1/24/2019	EURDKK	3:30:00 PM	7.4651	7.4664			N/A
1/25/2019	EURDKK	9:30:00 AM	7.465	7.4655			N/A
1/25/2019	EURDKK	11:30:00 AM					N/A
1/25/2019	EURDKK	1:30:00 PM	7.463	7.4636			N/A
1/25/2019	EURDKK	3:30:00 PM	7.4655	7.4668			N/A
1/28/2019	EURDKK	9:30:00 AM	7.4639	7.4651			N/A
1/28/2019	EURDKK	11:30:00 AM	7.4648	7.4658			N/A
1/28/2019	EURDKK	1:30:00 PM	7.4645	7.4655			N/A
1/28/2019	EURDKK	3:30:00 PM	7.464	7.464			N/A
1/29/2019	EURDKK	9:30:00 AM	7.4647	7.4659			N/A
1/29/2019	EURDKK	11:30:00 AM					N/A
1/29/2019	EURDKK	1:30:00 PM	7.4647	7.4659			N/A
1/29/2019	EURDKK	3:30:00 PM	7.4644	7.4654			N/A
1/30/2019	EURDKK	9:30:00 AM	7.4632	7.4643			N/A
1/30/2019	EURDKK	11:30:00 AM	7.4639	7.4651			N/A
1/30/2019	EURDKK	1:30:00 PM	7.464	7.465			N/A
1/30/2019	EURDKK	3:30:00 PM	7.464	7.4653			N/A
1/31/2019	EURDKK	9:30:00 AM	7.4635	7.4648			N/A
1/31/2019	EURDKK	11:30:00 AM					N/A
1/31/2019	EURDKK	1:30:00 PM	7.4644	7.4656			N/A
1/31/2019	EURDKK	3:30:00 PM	7.4639	7.4652			N/A
2/1/2019	EURDKK	9:30:00 AM	7.4617	7.4629			N/A
2/1/2019	EURDKK	11:30:00 AM	7.4647	7.4646			N/A
2/1/2019	EURDKK	1:30:00 PM	7.4639	7.465			N/A
2/1/2019	EURDKK	3:30:00 PM	7.4641	7.4604			N/A
2/4/2019	EURDKK	9:30:00 AM	7.465	7.466			N/A
2/4/2019	EURDKK	11:30:00 AM					N/A
2/4/2019	EURDKK	1:30:00 PM	7.4647	7.4657			N/A
2/4/2019	EURDKK	3:30:00 PM	7.4644	7.4657			N/A
2/5/2019	EURDKK	9:30:00 AM	7.4634	7.4647			N/A
2/5/2019	EURDKK	11:30:00 AM	7.464	7.4641			N/A
2/5/2019	EURDKK	1:30:00 PM	7.4646	7.4653			N/A
2/5/2019	EURDKK	3:30:00 PM	7.4643	7.465			N/A
2/6/2019	EURDKK	9:30:00 AM	7.4634	7.4647			N/A

2/6/2019	EURDKK	11:30:00 AM					N/A
2/6/2019	EURDKK	1:30:00 PM	7.4645	7.4653			N/A
2/6/2019	EURDKK	3:30:00 PM	7.4644	7.4653			N/A
2/7/2019	EURDKK	9:30:00 AM	7.4628	7.4641			N/A
2/7/2019	EURDKK	11:30:00 AM	7.4628	7.4641			N/A
2/7/2019	EURDKK	1:30:00 PM	7.4632	7.4643			N/A
2/7/2019	EURDKK	3:30:00 PM	7.4625	7.4638			N/A
2/8/2019	EURDKK	9:30:00 AM	7.4632	7.4642			N/A
2/8/2019	EURDKK	11:30:00 AM					N/A
2/8/2019	EURDKK	1:30:00 PM	7.4629	7.4641			N/A
2/8/2019	EURDKK	3:30:00 PM	7.4622	7.4635			N/A
2/11/2019	EURDKK	9:30:00 AM	7.461	7.4615			N/A
2/11/2019	EURDKK	11:30:00 AM	7.4612	7.4625			N/A
2/11/2019	EURDKK	1:30:00 PM	7.4623	7.4635			N/A
2/11/2019	EURDKK	3:30:00 PM	7.4631	7.4642			N/A
2/12/2019	EURDKK	9:30:00 AM	7.4622	7.4628			N/A
2/12/2019	EURDKK	11:30:00 AM					N/A
2/12/2019	EURDKK	1:30:00 PM	7.4618	7.4629			N/A
2/12/2019	EURDKK	3:30:00 PM	7.4617	7.4628			N/A
2/13/2019	EURDKK	9:30:00 AM					N/A
2/13/2019	EURDKK	11:30:00 AM					N/A
2/13/2019	EURDKK	1:30:00 PM	7.4617	7.4627			N/A
2/13/2019	EURDKK	3:30:00 PM	7.46	7.4608			N/A
2/14/2019	EURDKK	9:30:00 AM	7.4606	7.4616			N/A
2/14/2019	EURDKK	11:30:00 AM					N/A
2/14/2019	EURDKK	1:30:00 PM					N/A
2/14/2019	EURDKK	3:30:00 PM	7.4601	7.4614			N/A
2/15/2019	EURDKK	9:30:00 AM					N/A
2/15/2019	EURDKK	11:30:00 AM					N/A
2/15/2019	EURDKK	1:30:00 PM					N/A
2/15/2019	EURDKK	3:30:00 PM					N/A
2/18/2019	EURDKK	9:30:00 AM	7.4615	7.4628			N/A
2/18/2019	EURDKK	11:30:00 AM					N/A
2/18/2019	EURDKK	1:30:00 PM	7.4608	7.4617			N/A
2/18/2019	EURDKK	3:30:00 PM	7.4604	7.4616			N/A
2/19/2019	EURDKK	9:30:00 AM	7.4598	7.4611			N/A
2/19/2019	EURDKK	11:30:00 AM	7.458	7.4592			N/A
2/19/2019	EURDKK	1:30:00 PM	7.4609	7.4614			N/A
2/19/2019	EURDKK	3:30:00 PM	7.4608	7.4621			N/A
2/20/2019	EURDKK	9:30:00 AM	7.4609	7.4617			N/A
2/20/2019	EURDKK	11:30:00 AM					N/A
2/20/2019	EURDKK	1:30:00 PM	7.4609	7.462			N/A
2/20/2019	EURDKK	3:30:00 PM	7.4607	7.4615			N/A
2/21/2019	EURDKK	9:30:00 AM	7.4599	7.4595			N/A
2/21/2019	EURDKK	11:30:00 AM					N/A
2/21/2019	EURDKK	1:30:00 PM	7.4609	7.4622			N/A
2/21/2019	EURDKK	3:30:00 PM	7.4612	7.4622			N/A
2/22/2019	EURDKK	9:30:00 AM	7.4608	7.4616			N/A
2/22/2019	EURDKK	11:30:00 AM					N/A
2/22/2019	EURDKK	1:30:00 PM	7.4615	7.4626			N/A

2/22/2019	EURDKK	3:30:00 PM					N/A
2/25/2019	EURDKK	9:30:00 AM	7.4602	7.4614			N/A
2/25/2019	EURDKK	11:30:00 AM	7.4608	7.4619			N/A
2/25/2019	EURDKK	1:30:00 PM	7.461	7.4619			N/A
2/25/2019	EURDKK	3:30:00 PM	7.4586	7.4589			N/A
2/26/2019	EURDKK	9:30:00 AM	7.4594	7.4607			N/A
2/26/2019	EURDKK	11:30:00 AM					N/A
2/26/2019	EURDKK	1:30:00 PM					N/A
2/26/2019	EURDKK	3:30:00 PM	7.4606	7.4618			N/A
2/27/2019	EURDKK	9:30:00 AM	7.4609	7.4617			N/A
2/27/2019	EURDKK	11:30:00 AM	7.4601	7.4611			N/A
2/27/2019	EURDKK	1:30:00 PM					N/A
2/27/2019	EURDKK	3:30:00 PM	7.4568	7.4581			N/A
2/28/2019	EURDKK	9:30:00 AM	7.4605	7.4615			N/A
2/28/2019	EURDKK	11:30:00 AM					N/A
2/28/2019	EURDKK	1:30:00 PM					N/A
2/28/2019	EURDKK	3:30:00 PM	7.459	7.4584			N/A
3/1/2019	EURDKK	9:30:00 AM	7.4596	7.4607			N/A
3/1/2019	EURDKK	11:30:00 AM					N/A
3/1/2019	EURDKK	1:30:00 PM	7.4605	7.4614			N/A
3/1/2019	EURDKK	3:30:00 PM					N/A
3/4/2019	EURDKK	9:30:00 AM	7.4595	7.4608			N/A
3/4/2019	EURDKK	11:30:00 AM					N/A
3/4/2019	EURDKK	1:30:00 PM	7.4606	7.4618			N/A
3/4/2019	EURDKK	3:30:00 PM	7.4606	7.4616			N/A
3/5/2019	EURDKK	9:30:00 AM	7.4601	7.4614			N/A
3/5/2019	EURDKK	11:30:00 AM	7.4578	7.459			N/A
3/5/2019	EURDKK	1:30:00 PM	7.4595	7.4607			N/A
3/5/2019	EURDKK	3:30:00 PM	7.4598	7.4609			N/A
3/6/2019	EURDKK	9:30:00 AM	7.4595	7.4608			N/A
3/6/2019	EURDKK	11:30:00 AM					N/A
3/6/2019	EURDKK	1:30:00 PM	7.4604	7.4615			N/A
3/6/2019	EURDKK	3:30:00 PM	7.4568	7.458			N/A
3/7/2019	EURDKK	9:30:00 AM	7.4598	7.4605			N/A
3/7/2019	EURDKK	11:30:00 AM	7.4603	7.4614			N/A
3/7/2019	EURDKK	1:30:00 PM	7.4599	7.461			N/A
3/7/2019	EURDKK	3:30:00 PM	7.4601	7.4589			N/A
3/8/2019	EURDKK	9:30:00 AM	7.4583	7.4592			N/A
3/8/2019	EURDKK	11:30:00 AM					N/A
3/8/2019	EURDKK	1:30:00 PM	7.459	7.4601			N/A
3/8/2019	EURDKK	3:30:00 PM	7.4589	7.4602			N/A
3/11/2019	EURDKK	9:30:00 AM	7.46	7.4611			N/A
3/11/2019	EURDKK	11:30:00 AM	7.4597	7.4604			N/A
3/11/2019	EURDKK	1:30:00 PM	7.4596	7.4609			N/A
3/11/2019	EURDKK	3:30:00 PM	7.4601	7.4603			N/A
3/12/2019	EURDKK	9:30:00 AM	7.4597	7.4606			N/A
3/12/2019	EURDKK	11:30:00 AM					N/A
3/12/2019	EURDKK	1:30:00 PM	7.4587	7.4598			N/A
3/12/2019	EURDKK	3:30:00 PM	7.4594	7.4603			N/A
3/13/2019	EURDKK	9:30:00 AM	7.4587	7.4593			N/A

3/13/2019	EURDKK	11:30:00 AM	7.4588	7.4601			N/A
3/13/2019	EURDKK	1:30:00 PM	7.4584	7.4597			N/A
3/13/2019	EURDKK	3:30:00 PM	7.4593	7.4597			N/A
3/14/2019	EURDKK	9:30:00 AM	7.4572	7.4585			N/A
3/14/2019	EURDKK	11:30:00 AM					N/A
3/14/2019	EURDKK	1:30:00 PM	7.4613	7.4622			N/A
3/14/2019	EURDKK	3:30:00 PM	7.461	7.4621			N/A
3/15/2019	EURDKK	9:30:00 AM	7.4612	7.4622			N/A
3/15/2019	EURDKK	11:30:00 AM	7.4625	7.4636			N/A
3/15/2019	EURDKK	1:30:00 PM	7.4619	7.4632			N/A
3/15/2019	EURDKK	3:30:00 PM	7.4618	7.4629			N/A
3/18/2019	EURDKK	9:30:00 AM	7.4623	7.4633			N/A
3/18/2019	EURDKK	11:30:00 AM					N/A
3/18/2019	EURDKK	1:30:00 PM	7.4622	7.4635			N/A
3/18/2019	EURDKK	3:30:00 PM	7.4616	7.4628			N/A
3/19/2019	EURDKK	9:30:00 AM	7.4618	7.4626			N/A
3/19/2019	EURDKK	11:30:00 AM	7.4614	7.4625			N/A
3/19/2019	EURDKK	1:30:00 PM	7.4613	7.4619			N/A
3/19/2019	EURDKK	3:30:00 PM	7.4616	7.4627			N/A
3/20/2019	EURDKK	9:30:00 AM	7.4613	7.4623			N/A
3/20/2019	EURDKK	11:30:00 AM					N/A
3/20/2019	EURDKK	1:30:00 PM					N/A
3/20/2019	EURDKK	3:30:00 PM	7.4616	7.4622			N/A
3/21/2019	EURDKK	9:30:00 AM	7.4641	7.4634			N/A
3/21/2019	EURDKK	11:30:00 AM	7.4621	7.4621			N/A
3/21/2019	EURDKK	1:30:00 PM	7.4616	7.4629			N/A
3/21/2019	EURDKK	3:30:00 PM	7.462	7.463			N/A
3/22/2019	EURDKK	9:30:00 AM	7.4618	7.4628			N/A
3/22/2019	EURDKK	11:30:00 AM					N/A
3/22/2019	EURDKK	1:30:00 PM	7.4616	7.4627			N/A
3/22/2019	EURDKK	3:30:00 PM	7.4615	7.4625			N/A
3/25/2019	EURDKK	9:30:00 AM	7.4625	7.4635			N/A
3/25/2019	EURDKK	11:30:00 AM	7.4635	7.4647			N/A
3/25/2019	EURDKK	1:30:00 PM	7.4631	7.4644			N/A
3/25/2019	EURDKK	3:30:00 PM	7.4632	7.4644			N/A
3/26/2019	EURDKK	9:30:00 AM	7.4635	7.4646			N/A
3/26/2019	EURDKK	11:30:00 AM					N/A
3/26/2019	EURDKK	1:30:00 PM	7.4642	7.4652			N/A
3/26/2019	EURDKK	3:30:00 PM	7.4643	7.4655			N/A
3/27/2019	EURDKK	9:30:00 AM	7.4651	7.4661			N/A
3/27/2019	EURDKK	11:30:00 AM	7.4652	7.4665			N/A
3/27/2019	EURDKK	1:30:00 PM	7.4657	7.4664			N/A
3/27/2019	EURDKK	3:30:00 PM	7.4656	7.4668			N/A
3/28/2019	EURDKK	9:30:00 AM	7.4656	7.4662			N/A
3/28/2019	EURDKK	11:30:00 AM					N/A
3/28/2019	EURDKK	1:30:00 PM	7.4652	7.4652			N/A
3/28/2019	EURDKK	3:30:00 PM	7.465	7.4658			N/A
3/29/2019	EURDKK	9:30:00 AM	7.4631	7.4642			N/A
3/29/2019	EURDKK	11:30:00 AM	7.4634	7.4644			N/A
3/29/2019	EURDKK	1:30:00 PM	7.4643	7.4647			N/A

3/29/2019	EURDKK	3:30:00 PM	7.4639	7.4651			N/A
1/1/2019	EURGBP	9:30:00 AM					N/A
1/1/2019	EURGBP	11:30:00 AM					N/A
1/1/2019	EURGBP	1:30:00 PM					N/A
1/1/2019	EURGBP	3:30:00 PM					N/A
1/2/2019	EURGBP	9:30:00 AM					N/A
1/2/2019	EURGBP	11:30:00 AM					N/A
1/2/2019	EURGBP	1:30:00 PM					N/A
1/2/2019	EURGBP	3:30:00 PM					N/A
1/3/2019	EURGBP	9:30:00 AM					N/A
1/3/2019	EURGBP	11:30:00 AM					N/A
1/3/2019	EURGBP	1:30:00 PM					N/A
1/3/2019	EURGBP	3:30:00 PM			500	500	N/A
1/4/2019	EURGBP	9:30:00 AM					N/A
1/4/2019	EURGBP	11:30:00 AM					N/A
1/4/2019	EURGBP	1:30:00 PM					N/A
1/4/2019	EURGBP	3:30:00 PM					N/A
1/7/2019	EURGBP	9:30:00 AM	0.89575	0.89575			N/A
1/7/2019	EURGBP	11:30:00 AM					N/A
1/7/2019	EURGBP	1:30:00 PM	0.89796	0.89801			N/A
1/7/2019	EURGBP	3:30:00 PM	0.89725	0.8973			N/A
1/8/2019	EURGBP	9:30:00 AM	0.89577	0.89577			N/A
1/8/2019	EURGBP	11:30:00 AM	0.89655	0.89642			N/A
1/8/2019	EURGBP	1:30:00 PM	0.89756	0.89751			N/A
1/8/2019	EURGBP	3:30:00 PM	0.89777	0.8978			N/A
1/9/2019	EURGBP	9:30:00 AM	0.89975	0.89973			N/A
1/9/2019	EURGBP	11:30:00 AM					N/A
1/9/2019	EURGBP	1:30:00 PM	0.89968	0.89938			N/A
1/9/2019	EURGBP	3:30:00 PM	0.89936	0.89928			N/A
1/10/2019	EURGBP	9:30:00 AM	0.90454	0.90453			N/A
1/10/2019	EURGBP	11:30:00 AM	0.90313	0.903			N/A
1/10/2019	EURGBP	1:30:00 PM	0.90506	0.90508			N/A
1/10/2019	EURGBP	3:30:00 PM	0.90371	0.90368			N/A
1/11/2019	EURGBP	9:30:00 AM	0.90391	0.90397			N/A
1/11/2019	EURGBP	11:30:00 AM					N/A
1/11/2019	EURGBP	1:30:00 PM	0.90105	0.90092			N/A
1/11/2019	EURGBP	3:30:00 PM	0.89965	0.89944			N/A
1/14/2019	EURGBP	9:30:00 AM	0.89333	0.89345			N/A
1/14/2019	EURGBP	11:30:00 AM	0.89402	0.89391			N/A
1/14/2019	EURGBP	1:30:00 PM	0.89232	0.8921			N/A
1/14/2019	EURGBP	3:30:00 PM	0.89173	0.89178			N/A
1/15/2019	EURGBP	9:30:00 AM	0.89039	0.89019			N/A
1/15/2019	EURGBP	11:30:00 AM					N/A
1/15/2019	EURGBP	1:30:00 PM	0.88947	0.88932			N/A
1/15/2019	EURGBP	3:30:00 PM	0.88942	0.88922			N/A
1/16/2019	EURGBP	9:30:00 AM	0.88696	0.88656			N/A
1/16/2019	EURGBP	11:30:00 AM	0.8863	0.88591			N/A
1/16/2019	EURGBP	1:30:00 PM	0.8858	0.88568			N/A
1/16/2019	EURGBP	3:30:00 PM	0.88619	0.88604			N/A
1/17/2019	EURGBP	9:30:00 AM	0.88469	0.8845			N/A

1/17/2019	EURGBP	11:30:00 AM					N/A
1/17/2019	EURGBP	1:30:00 PM	0.88441	0.88331			N/A
1/17/2019	EURGBP	3:30:00 PM	0.88317	0.8828			N/A
1/18/2019	EURGBP	9:30:00 AM	0.87913	0.87906			N/A
1/18/2019	EURGBP	11:30:00 AM	0.88116	0.8804			N/A
1/18/2019	EURGBP	1:30:00 PM	0.88104	0.88077			N/A
1/18/2019	EURGBP	3:30:00 PM	0.88141	0.88135			N/A
1/21/2019	EURGBP	9:30:00 AM	0.88403	0.88413			N/A
1/21/2019	EURGBP	11:30:00 AM					N/A
1/21/2019	EURGBP	1:30:00 PM	0.88356	0.88348			N/A
1/21/2019	EURGBP	3:30:00 PM	0.88278	0.88285			N/A
1/22/2019	EURGBP	9:30:00 AM	0.88251	0.88238			N/A
1/22/2019	EURGBP	11:30:00 AM	0.8807	0.8805	1	1	N/A
1/22/2019	EURGBP	1:30:00 PM	0.87982	0.87988			N/A
1/22/2019	EURGBP	3:30:00 PM	0.8793	0.87935			N/A
1/23/2019	EURGBP	9:30:00 AM	0.87665	0.87662			N/A
1/23/2019	EURGBP	11:30:00 AM					N/A
1/23/2019	EURGBP	1:30:00 PM	0.87264	0.87244		8	N/A
1/23/2019	EURGBP	3:30:00 PM	0.87188	0.87184			N/A
1/24/2019	EURGBP	9:30:00 AM	0.87099	0.87109			N/A
1/24/2019	EURGBP	11:30:00 AM	0.8698	0.86978			N/A
1/24/2019	EURGBP	1:30:00 PM	0.87075	0.87063			N/A
1/24/2019	EURGBP	3:30:00 PM	0.8698	0.86937			N/A
1/25/2019	EURGBP	9:30:00 AM	0.86375	0.86371			N/A
1/25/2019	EURGBP	11:30:00 AM					N/A
1/25/2019	EURGBP	1:30:00 PM	0.86642	0.86645			N/A
1/25/2019	EURGBP	3:30:00 PM	0.86726	0.86724			N/A
1/28/2019	EURGBP	9:30:00 AM	0.86602	0.86607			N/A
1/28/2019	EURGBP	11:30:00 AM	0.8668	0.86685			N/A
1/28/2019	EURGBP	1:30:00 PM	0.86655	0.86664			N/A
1/28/2019	EURGBP	3:30:00 PM	0.8681	0.86823			N/A
1/29/2019	EURGBP	9:30:00 AM	0.86973	0.86965			N/A
1/29/2019	EURGBP	11:30:00 AM					N/A
1/29/2019	EURGBP	1:30:00 PM	0.8695	0.86937			N/A
1/29/2019	EURGBP	3:30:00 PM	0.86742	0.86728	1000	1000	N/A
1/30/2019	EURGBP	9:30:00 AM	0.87396	0.87381			N/A
1/30/2019	EURGBP	11:30:00 AM	0.87201	0.87205			N/A
1/30/2019	EURGBP	1:30:00 PM	0.87249	0.87227			N/A
1/30/2019	EURGBP	3:30:00 PM	0.87386	0.87391			N/A
1/31/2019	EURGBP	9:30:00 AM	0.87547	0.87526			N/A
1/31/2019	EURGBP	11:30:00 AM					N/A
1/31/2019	EURGBP	1:30:00 PM	0.87439	0.87449			N/A
1/31/2019	EURGBP	3:30:00 PM	0.87597	0.87579			N/A
2/1/2019	EURGBP	9:30:00 AM	0.87294	0.87301			N/A
2/1/2019	EURGBP	11:30:00 AM	0.8755	0.87532			N/A
2/1/2019	EURGBP	1:30:00 PM	0.87801	0.87809			N/A
2/1/2019	EURGBP	3:30:00 PM	0.87863	0.87776			N/A
2/4/2019	EURGBP	9:30:00 AM	0.87506	0.87512			N/A
2/4/2019	EURGBP	11:30:00 AM					N/A
2/4/2019	EURGBP	1:30:00 PM	0.87685	0.87685			N/A

2/4/2019	EURGBP	3:30:00 PM	0.87684	0.87687			N/A
2/5/2019	EURGBP	9:30:00 AM	0.87595	0.87596			N/A
2/5/2019	EURGBP	11:30:00 AM	0.87672	0.87531	1	4	N/A
2/5/2019	EURGBP	1:30:00 PM	0.87775	0.87779			N/A
2/5/2019	EURGBP	3:30:00 PM	0.87852	0.87843			N/A
2/6/2019	EURGBP	9:30:00 AM	0.8805	0.88047			N/A
2/6/2019	EURGBP	11:30:00 AM					N/A
2/6/2019	EURGBP	1:30:00 PM	0.87873	0.87861			N/A
2/6/2019	EURGBP	3:30:00 PM	0.87917	0.87916			N/A
2/7/2019	EURGBP	9:30:00 AM	0.87825	0.8782			N/A
2/7/2019	EURGBP	11:30:00 AM	0.87942	0.87943			N/A
2/7/2019	EURGBP	1:30:00 PM	0.87838	0.87838			N/A
2/7/2019	EURGBP	3:30:00 PM	0.87703	0.87688			N/A
2/8/2019	EURGBP	9:30:00 AM	0.87568	0.8756			N/A
2/8/2019	EURGBP	11:30:00 AM					N/A
2/8/2019	EURGBP	1:30:00 PM	0.87477	0.87494			N/A
2/8/2019	EURGBP	3:30:00 PM	0.87491	0.87495			N/A
2/11/2019	EURGBP	9:30:00 AM	0.87555	0.87554			N/A
2/11/2019	EURGBP	11:30:00 AM	0.87693	0.87605			N/A
2/11/2019	EURGBP	1:30:00 PM	0.87552	0.87545		1	N/A
2/11/2019	EURGBP	3:30:00 PM	0.87662	0.87656			N/A
2/12/2019	EURGBP	9:30:00 AM	0.87686	0.87688			N/A
2/12/2019	EURGBP	11:30:00 AM					N/A
2/12/2019	EURGBP	1:30:00 PM	0.87742	0.87729			N/A
2/12/2019	EURGBP	3:30:00 PM	0.87698	0.87706			N/A
2/13/2019	EURGBP	9:30:00 AM	0.87731	0.87717			N/A
2/13/2019	EURGBP	11:30:00 AM	0.87899	0.87869	3	3	N/A
2/13/2019	EURGBP	1:30:00 PM	0.87811	0.8782			N/A
2/13/2019	EURGBP	3:30:00 PM	0.8754	0.8751			N/A
2/14/2019	EURGBP	9:30:00 AM	0.87683	0.87689			N/A
2/14/2019	EURGBP	11:30:00 AM					N/A
2/14/2019	EURGBP	1:30:00 PM	0.87884	0.87888			N/A
2/14/2019	EURGBP	3:30:00 PM	0.88021	0.8797			N/A
2/15/2019	EURGBP	9:30:00 AM					N/A
2/15/2019	EURGBP	11:30:00 AM					N/A
2/15/2019	EURGBP	1:30:00 PM				2000	N/A
2/15/2019	EURGBP	3:30:00 PM				1000	N/A
2/18/2019	EURGBP	9:30:00 AM	0.87603	0.87615			N/A
2/18/2019	EURGBP	11:30:00 AM					N/A
2/18/2019	EURGBP	1:30:00 PM	0.87586	0.87585			N/A
2/18/2019	EURGBP	3:30:00 PM	0.87644	0.87643			N/A
2/19/2019	EURGBP	9:30:00 AM	0.87563	0.87561			N/A
2/19/2019	EURGBP	11:30:00 AM	0.87543	0.87486			N/A
2/19/2019	EURGBP	1:30:00 PM	0.87377	0.87384			N/A
2/19/2019	EURGBP	3:30:00 PM	0.87227	0.87216			N/A
2/20/2019	EURGBP	9:30:00 AM	0.86874	0.86886			N/A
2/20/2019	EURGBP	11:30:00 AM					N/A
2/20/2019	EURGBP	1:30:00 PM	0.87028	0.87009			N/A
2/20/2019	EURGBP	3:30:00 PM	0.86972	0.86965			N/A
2/21/2019	EURGBP	9:30:00 AM	0.86981	0.86986			N/A

2/21/2019	EURGBP	11:30:00 AM	0.86712	0.86687			N/A
2/21/2019	EURGBP	1:30:00 PM	0.87023	0.87005			N/A
2/21/2019	EURGBP	3:30:00 PM	0.86841	0.86826			N/A
2/22/2019	EURGBP	9:30:00 AM	0.86995	0.8699			N/A
2/22/2019	EURGBP	11:30:00 AM					N/A
2/22/2019	EURGBP	1:30:00 PM	0.87125	0.87119			N/A
2/22/2019	EURGBP	3:30:00 PM	0.87232	0.87241			N/A
2/25/2019	EURGBP	9:30:00 AM	0.86885	0.86895			N/A
2/25/2019	EURGBP	11:30:00 AM	0.86797	0.86793			N/A
2/25/2019	EURGBP	1:30:00 PM	0.86924	0.86914			N/A
2/25/2019	EURGBP	3:30:00 PM	0.86865	0.86868			N/A
2/26/2019	EURGBP	9:30:00 AM	0.86387	0.86386			N/A
2/26/2019	EURGBP	11:30:00 AM					N/A
2/26/2019	EURGBP	1:30:00 PM	0.86104	0.86102			N/A
2/26/2019	EURGBP	3:30:00 PM	0.86148	0.86128			N/A
2/27/2019	EURGBP	9:30:00 AM	0.85826	0.85831			N/A
2/27/2019	EURGBP	11:30:00 AM	0.85822	0.85836			N/A
2/27/2019	EURGBP	1:30:00 PM	0.85614	0.85603			N/A
2/27/2019	EURGBP	3:30:00 PM	0.85493	0.85504			N/A
2/28/2019	EURGBP	9:30:00 AM	0.85601	0.85604			N/A
2/28/2019	EURGBP	11:30:00 AM					N/A
2/28/2019	EURGBP	1:30:00 PM	0.85718	0.85724	1000	1000	N/A
2/28/2019	EURGBP	3:30:00 PM	0.85757	0.85718			N/A
3/1/2019	EURGBP	9:30:00 AM	0.858	0.85807			N/A
3/1/2019	EURGBP	11:30:00 AM	0.85817	0.8578			N/A
3/1/2019	EURGBP	1:30:00 PM	0.8591	0.85908			N/A
3/1/2019	EURGBP	3:30:00 PM	0.85996	0.85998			N/A
3/4/2019	EURGBP	9:30:00 AM	0.8583	0.85825			N/A
3/4/2019	EURGBP	11:30:00 AM					N/A
3/4/2019	EURGBP	1:30:00 PM	0.85889	0.8587	300	300	N/A
3/4/2019	EURGBP	3:30:00 PM	0.85788	0.85796			N/A
3/5/2019	EURGBP	9:30:00 AM	0.86051	0.86046			N/A
3/5/2019	EURGBP	11:30:00 AM	0.85952	0.85896			N/A
3/5/2019	EURGBP	1:30:00 PM	0.86099	0.86104			N/A
3/5/2019	EURGBP	3:30:00 PM	0.86434	0.86431			N/A
3/6/2019	EURGBP	9:30:00 AM	0.86044	0.86044			N/A
3/6/2019	EURGBP	11:30:00 AM					N/A
3/6/2019	EURGBP	1:30:00 PM	0.8599	0.85989			N/A
3/6/2019	EURGBP	3:30:00 PM	0.86003	0.85943			N/A
3/7/2019	EURGBP	9:30:00 AM	0.858	0.85801			N/A
3/7/2019	EURGBP	11:30:00 AM	0.85922	0.85888			N/A
3/7/2019	EURGBP	1:30:00 PM	0.86073	0.8608			N/A
3/7/2019	EURGBP	3:30:00 PM	0.85827	0.8583			N/A
3/8/2019	EURGBP	9:30:00 AM	0.85643	0.85644			N/A
3/8/2019	EURGBP	11:30:00 AM					N/A
3/8/2019	EURGBP	1:30:00 PM	0.85744	0.85746			N/A
3/8/2019	EURGBP	3:30:00 PM	0.85897	0.85825			N/A
3/11/2019	EURGBP	9:30:00 AM	0.86504	0.86498			N/A
3/11/2019	EURGBP	11:30:00 AM	0.86713	0.86705			N/A
3/11/2019	EURGBP	1:30:00 PM	0.86415	0.86399			N/A

3/11/2019	EURGBP	3:30:00 PM	0.86188	0.86184			N/A
3/12/2019	EURGBP	9:30:00 AM	0.85215	0.85134			N/A
3/12/2019	EURGBP	11:30:00 AM					N/A
3/12/2019	EURGBP	1:30:00 PM	0.86517	0.86468			N/A
3/12/2019	EURGBP	3:30:00 PM	0.86087	0.86005			N/A
3/13/2019	EURGBP	9:30:00 AM	0.86088	0.86049			N/A
3/13/2019	EURGBP	11:30:00 AM	0.85994	0.85973			N/A
3/13/2019	EURGBP	1:30:00 PM	0.85832	0.8582			N/A
3/13/2019	EURGBP	3:30:00 PM	0.85782	0.85768			N/A
3/14/2019	EURGBP	9:30:00 AM	0.85289	0.85242			N/A
3/14/2019	EURGBP	11:30:00 AM					N/A
3/14/2019	EURGBP	1:30:00 PM	0.85506	0.8547			N/A
3/14/2019	EURGBP	3:30:00 PM	0.85195	0.85209			N/A
3/15/2019	EURGBP	9:30:00 AM	0.85409	0.8541			N/A
3/15/2019	EURGBP	11:30:00 AM	0.85491	0.85492			N/A
3/15/2019	EURGBP	1:30:00 PM	0.85375	0.85379			N/A
3/15/2019	EURGBP	3:30:00 PM	0.85368	0.85364			N/A
3/18/2019	EURGBP	9:30:00 AM	0.85368	0.85376			N/A
3/18/2019	EURGBP	11:30:00 AM					N/A
3/18/2019	EURGBP	1:30:00 PM	0.85591	0.85581			N/A
3/18/2019	EURGBP	3:30:00 PM	0.85669	0.85665			N/A
3/19/2019	EURGBP	9:30:00 AM	0.85511	0.8552			N/A
3/19/2019	EURGBP	11:30:00 AM	0.85563	0.85568			N/A
3/19/2019	EURGBP	1:30:00 PM	0.85517	0.85486			N/A
3/19/2019	EURGBP	3:30:00 PM	0.85614	0.85587		200	N/A
3/20/2019	EURGBP	9:30:00 AM	0.85664	0.85673			N/A
3/20/2019	EURGBP	11:30:00 AM					N/A
3/20/2019	EURGBP	1:30:00 PM	0.85839	0.85818			N/A
3/20/2019	EURGBP	3:30:00 PM	0.86209	0.86134			N/A
3/21/2019	EURGBP	9:30:00 AM	0.8652	0.86489			N/A
3/21/2019	EURGBP	11:30:00 AM	0.866	0.86546			N/A
3/21/2019	EURGBP	1:30:00 PM	0.86857	0.86827			N/A
3/21/2019	EURGBP	3:30:00 PM	0.8669	0.86692			N/A
3/22/2019	EURGBP	9:30:00 AM	0.86667	0.86664			N/A
3/22/2019	EURGBP	11:30:00 AM					N/A
3/22/2019	EURGBP	1:30:00 PM	0.85956	0.85948			N/A
3/22/2019	EURGBP	3:30:00 PM	0.85843	0.8581			N/A
3/25/2019	EURGBP	9:30:00 AM	0.8583	0.8582			N/A
3/25/2019	EURGBP	11:30:00 AM	0.85797	0.85805			N/A
3/25/2019	EURGBP	1:30:00 PM	0.85828	0.85824			N/A
3/25/2019	EURGBP	3:30:00 PM	0.85525	0.85509			N/A
3/26/2019	EURGBP	9:30:00 AM	0.85628	0.85585	2	2	N/A
3/26/2019	EURGBP	11:30:00 AM					N/A
3/26/2019	EURGBP	1:30:00 PM	0.85485	0.85475			N/A
3/26/2019	EURGBP	3:30:00 PM	0.85349	0.8535			N/A
3/27/2019	EURGBP	9:30:00 AM	0.85477	0.85451			N/A
3/27/2019	EURGBP	11:30:00 AM	0.85391	0.85398			N/A
3/27/2019	EURGBP	1:30:00 PM	0.85364	0.85355			N/A
3/27/2019	EURGBP	3:30:00 PM	0.8511	0.85099			N/A
3/28/2019	EURGBP	9:30:00 AM	0.85421	0.85389			N/A

3/28/2019	EURGBP	11:30:00 AM					N/A
3/28/2019	EURGBP	1:30:00 PM	0.85664	0.85629			N/A
3/28/2019	EURGBP	3:30:00 PM	0.85646	0.85634			N/A
3/29/2019	EURGBP	9:30:00 AM	0.85899	0.8588			N/A
3/29/2019	EURGBP	11:30:00 AM	0.8617	0.86114			N/A
3/29/2019	EURGBP	1:30:00 PM	0.85825	0.85784			N/A
3/29/2019	EURGBP	3:30:00 PM	0.85876	0.85873			N/A
1/1/2019	EURHKD	9:30:00 AM					N/A
1/1/2019	EURHKD	11:30:00 AM					N/A
1/1/2019	EURHKD	1:30:00 PM					N/A
1/1/2019	EURHKD	3:30:00 PM					N/A
1/2/2019	EURHKD	9:30:00 AM					N/A
1/2/2019	EURHKD	11:30:00 AM					N/A
1/2/2019	EURHKD	1:30:00 PM					N/A
1/2/2019	EURHKD	3:30:00 PM					N/A
1/3/2019	EURHKD	9:30:00 AM					N/A
1/3/2019	EURHKD	11:30:00 AM					N/A
1/3/2019	EURHKD	1:30:00 PM					N/A
1/3/2019	EURHKD	3:30:00 PM					N/A
1/4/2019	EURHKD	9:30:00 AM					N/A
1/4/2019	EURHKD	11:30:00 AM					N/A
1/4/2019	EURHKD	1:30:00 PM					N/A
1/4/2019	EURHKD	3:30:00 PM					N/A
1/7/2019	EURHKD	9:30:00 AM	8.9418	8.9461			N/A
1/7/2019	EURHKD	11:30:00 AM					N/A
1/7/2019	EURHKD	1:30:00 PM	8.9597	8.9645			N/A
1/7/2019	EURHKD	3:30:00 PM	8.9704	8.9749			N/A
1/8/2019	EURHKD	9:30:00 AM	8.9699	8.9713			N/A
1/8/2019	EURHKD	11:30:00 AM	8.9818	8.9837			N/A
1/8/2019	EURHKD	1:30:00 PM	8.9703	8.9747			N/A
1/8/2019	EURHKD	3:30:00 PM	8.9652	8.9702			N/A
1/9/2019	EURHKD	9:30:00 AM	8.9865	8.9909			N/A
1/9/2019	EURHKD	11:30:00 AM					N/A
1/9/2019	EURHKD	1:30:00 PM	8.9714	8.9714			N/A
1/9/2019	EURHKD	3:30:00 PM	8.9736	8.9776			N/A
1/10/2019	EURHKD	9:30:00 AM	9.0512	9.0552			N/A
1/10/2019	EURHKD	11:30:00 AM	9.0338	9.0376			N/A
1/10/2019	EURHKD	1:30:00 PM	9.0398	9.0438			N/A
1/10/2019	EURHKD	3:30:00 PM	9.0416	9.0448			N/A
1/11/2019	EURHKD	9:30:00 AM	9.0389	9.0439			N/A
1/11/2019	EURHKD	11:30:00 AM					N/A
1/11/2019	EURHKD	1:30:00 PM	9.0343	9.0387			N/A
1/11/2019	EURHKD	3:30:00 PM	9.0414	9.0398			N/A
1/14/2019	EURHKD	9:30:00 AM	8.9893	8.9936			N/A
1/14/2019	EURHKD	11:30:00 AM	8.9942	8.9964			N/A
1/14/2019	EURHKD	1:30:00 PM	8.9922	8.9948			N/A
1/14/2019	EURHKD	3:30:00 PM	8.987	8.9921			N/A
1/15/2019	EURHKD	9:30:00 AM	9.0014	9.0054			N/A
1/15/2019	EURHKD	11:30:00 AM					N/A
1/15/2019	EURHKD	1:30:00 PM	8.9646	8.9684			N/A

1/15/2019	EURHKD	3:30:00 PM	8.9585	8.9607			N/A
1/16/2019	EURHKD	9:30:00 AM	8.9451	8.9473			N/A
1/16/2019	EURHKD	11:30:00 AM	8.9562	8.9601			N/A
1/16/2019	EURHKD	1:30:00 PM	8.9354	8.9393			N/A
1/16/2019	EURHKD	3:30:00 PM	8.9346	8.9377			N/A
1/17/2019	EURHKD	9:30:00 AM	8.9241	8.9282			N/A
1/17/2019	EURHKD	11:30:00 AM					N/A
1/17/2019	EURHKD	1:30:00 PM	8.9398	8.9447			N/A
1/17/2019	EURHKD	3:30:00 PM	8.939	8.9345			N/A
1/18/2019	EURHKD	9:30:00 AM	8.9378	8.9429			N/A
1/18/2019	EURHKD	11:30:00 AM	8.936	8.9396			N/A
1/18/2019	EURHKD	1:30:00 PM	8.9464	8.9507			N/A
1/18/2019	EURHKD	3:30:00 PM	8.9429	8.947			N/A
1/21/2019	EURHKD	9:30:00 AM	8.9283	8.9332			N/A
1/21/2019	EURHKD	11:30:00 AM					N/A
1/21/2019	EURHKD	1:30:00 PM	8.9172	8.9223			N/A
1/21/2019	EURHKD	3:30:00 PM	8.9104	8.9144			N/A
1/22/2019	EURHKD	9:30:00 AM	8.9038	8.9078			N/A
1/22/2019	EURHKD	11:30:00 AM	8.9135	8.9176			N/A
1/22/2019	EURHKD	1:30:00 PM	8.9113	8.9155			N/A
1/22/2019	EURHKD	3:30:00 PM	8.9058	8.9099			N/A
1/23/2019	EURHKD	9:30:00 AM	8.9147	8.9194			N/A
1/23/2019	EURHKD	11:30:00 AM					N/A
1/23/2019	EURHKD	1:30:00 PM	8.9151	8.9191			N/A
1/23/2019	EURHKD	3:30:00 PM	8.914	8.9187			N/A
1/24/2019	EURHKD	9:30:00 AM	8.9222	8.9266			N/A
1/24/2019	EURHKD	11:30:00 AM	8.8992	8.9015			N/A
1/24/2019	EURHKD	1:30:00 PM	8.8991	8.8997			N/A
1/24/2019	EURHKD	3:30:00 PM	8.893	8.8964			N/A
1/25/2019	EURHKD	9:30:00 AM	8.8823	8.8857			N/A
1/25/2019	EURHKD	11:30:00 AM					N/A
1/25/2019	EURHKD	1:30:00 PM	8.8996	8.9035			N/A
1/25/2019	EURHKD	3:30:00 PM	8.902	8.9057			N/A
1/28/2019	EURHKD	9:30:00 AM	8.9539	8.9578			N/A
1/28/2019	EURHKD	11:30:00 AM	8.9459	8.95			N/A
1/28/2019	EURHKD	1:30:00 PM	8.9562	8.961			N/A
1/28/2019	EURHKD	3:30:00 PM	8.9584	8.963			N/A
1/29/2019	EURHKD	9:30:00 AM	8.9747	8.9791			N/A
1/29/2019	EURHKD	11:30:00 AM					N/A
1/29/2019	EURHKD	1:30:00 PM	8.9674	8.9724			N/A
1/29/2019	EURHKD	3:30:00 PM	8.959	8.9638			N/A
1/30/2019	EURHKD	9:30:00 AM	8.9663	8.971			N/A
1/30/2019	EURHKD	11:30:00 AM	8.9633	8.9684			N/A
1/30/2019	EURHKD	1:30:00 PM	8.9626	8.9678			N/A
1/30/2019	EURHKD	3:30:00 PM	8.9618	8.9655			N/A
1/31/2019	EURHKD	9:30:00 AM	9.0312	9.0356			N/A
1/31/2019	EURHKD	11:30:00 AM					N/A
1/31/2019	EURHKD	1:30:00 PM	9.0083	9.0129			N/A
1/31/2019	EURHKD	3:30:00 PM	9.0152	9.0154			N/A
2/1/2019	EURHKD	9:30:00 AM	8.9776	8.982			N/A

2/1/2019	EURHKD	11:30:00 AM	8.9917	8.995			N/A
2/1/2019	EURHKD	1:30:00 PM	9.002	9.0074			N/A
2/1/2019	EURHKD	3:30:00 PM	9.0062	8.9937			N/A
2/4/2019	EURHKD	9:30:00 AM	8.9784	8.9833			N/A
2/4/2019	EURHKD	11:30:00 AM					N/A
2/4/2019	EURHKD	1:30:00 PM	8.9829	8.9875			N/A
2/4/2019	EURHKD	3:30:00 PM	8.9858	8.9897			N/A
2/5/2019	EURHKD	9:30:00 AM	8.9647	8.9693			N/A
2/5/2019	EURHKD	11:30:00 AM	8.9588	8.9622			N/A
2/5/2019	EURHKD	1:30:00 PM	8.9563	8.9615			N/A
2/5/2019	EURHKD	3:30:00 PM	8.9623	8.9655			N/A
2/6/2019	EURHKD	9:30:00 AM	8.9314	8.9356			N/A
2/6/2019	EURHKD	11:30:00 AM					N/A
2/6/2019	EURHKD	1:30:00 PM	8.9327	8.9376			N/A
2/6/2019	EURHKD	3:30:00 PM	8.9389	8.9427			N/A
2/7/2019	EURHKD	9:30:00 AM	8.9095	8.9145			N/A
2/7/2019	EURHKD	11:30:00 AM	8.8994	8.9046			N/A
2/7/2019	EURHKD	1:30:00 PM	8.8896	8.8937			N/A
2/7/2019	EURHKD	3:30:00 PM	8.8952	8.8994			N/A
2/8/2019	EURHKD	9:30:00 AM	8.8927	8.8976			N/A
2/8/2019	EURHKD	11:30:00 AM					N/A
2/8/2019	EURHKD	1:30:00 PM	8.8951	8.9005			N/A
2/8/2019	EURHKD	3:30:00 PM	8.9018	8.9057			N/A
2/11/2019	EURHKD	9:30:00 AM	8.885	8.8899			N/A
2/11/2019	EURHKD	11:30:00 AM	8.8771	8.8814			N/A
2/11/2019	EURHKD	1:30:00 PM	8.8787	8.8831			N/A
2/11/2019	EURHKD	3:30:00 PM	8.8731	8.877			N/A
2/12/2019	EURHKD	9:30:00 AM	8.854	8.8589			N/A
2/12/2019	EURHKD	11:30:00 AM					N/A
2/12/2019	EURHKD	1:30:00 PM	8.8481	8.8522			N/A
2/12/2019	EURHKD	3:30:00 PM	8.861	8.8659			N/A
2/13/2019	EURHKD	9:30:00 AM	8.8887	8.8933			N/A
2/13/2019	EURHKD	11:30:00 AM	8.8854	8.8902			N/A
2/13/2019	EURHKD	1:30:00 PM	8.879	8.8845			N/A
2/13/2019	EURHKD	3:30:00 PM	8.8713	8.8693			N/A
2/14/2019	EURHKD	9:30:00 AM	8.8551	8.8595			N/A
2/14/2019	EURHKD	11:30:00 AM					N/A
2/14/2019	EURHKD	1:30:00 PM	8.8458	8.8499			N/A
2/14/2019	EURHKD	3:30:00 PM	8.8544	8.8515			N/A
2/15/2019	EURHKD	9:30:00 AM					N/A
2/15/2019	EURHKD	11:30:00 AM					N/A
2/15/2019	EURHKD	1:30:00 PM					N/A
2/15/2019	EURHKD	3:30:00 PM					N/A
2/18/2019	EURHKD	9:30:00 AM	8.8743	8.8783			N/A
2/18/2019	EURHKD	11:30:00 AM					N/A
2/18/2019	EURHKD	1:30:00 PM	8.8859	8.8908			N/A
2/18/2019	EURHKD	3:30:00 PM	8.8843	8.8894			N/A
2/19/2019	EURHKD	9:30:00 AM	8.8684	8.8735			N/A
2/19/2019	EURHKD	11:30:00 AM	8.871	8.8736			N/A
2/19/2019	EURHKD	1:30:00 PM	8.8539	8.8587			N/A

2/19/2019	EURHKD	3:30:00 PM	8.8604	8.8652			N/A
2/20/2019	EURHKD	9:30:00 AM	8.8963	8.9002			N/A
2/20/2019	EURHKD	11:30:00 AM					N/A
2/20/2019	EURHKD	1:30:00 PM	8.8929	8.8974			N/A
2/20/2019	EURHKD	3:30:00 PM	8.8963	8.9003			N/A
2/21/2019	EURHKD	9:30:00 AM	8.8944	8.8979			N/A
2/21/2019	EURHKD	11:30:00 AM	8.8913	8.8938			N/A
2/21/2019	EURHKD	1:30:00 PM	8.8987	8.9032			N/A
2/21/2019	EURHKD	3:30:00 PM	8.9165	8.9105			N/A
2/22/2019	EURHKD	9:30:00 AM	8.9039	8.9085			N/A
2/22/2019	EURHKD	11:30:00 AM					N/A
2/22/2019	EURHKD	1:30:00 PM	8.8979	8.9024			N/A
2/22/2019	EURHKD	3:30:00 PM	8.8924	8.8975			N/A
2/25/2019	EURHKD	9:30:00 AM	8.9071	8.9118			N/A
2/25/2019	EURHKD	11:30:00 AM	8.9054	8.9108			N/A
2/25/2019	EURHKD	1:30:00 PM	8.9165	8.921			N/A
2/25/2019	EURHKD	3:30:00 PM	8.9104	8.9144			N/A
2/26/2019	EURHKD	9:30:00 AM	8.9096	8.9138			N/A
2/26/2019	EURHKD	11:30:00 AM					N/A
2/26/2019	EURHKD	1:30:00 PM	8.9167	8.9223			N/A
2/26/2019	EURHKD	3:30:00 PM	8.9173	8.9165			N/A
2/27/2019	EURHKD	9:30:00 AM	8.927	8.9316			N/A
2/27/2019	EURHKD	11:30:00 AM	8.9401	8.9446			N/A
2/27/2019	EURHKD	1:30:00 PM	8.9468	8.9508			N/A
2/27/2019	EURHKD	3:30:00 PM	8.9351	8.9388			N/A
2/28/2019	EURHKD	9:30:00 AM	8.9316	8.934			N/A
2/28/2019	EURHKD	11:30:00 AM					N/A
2/28/2019	EURHKD	1:30:00 PM	8.9591	8.9627			N/A
2/28/2019	EURHKD	3:30:00 PM	8.9508	8.9442			N/A
3/1/2019	EURHKD	9:30:00 AM	8.9201	8.925			N/A
3/1/2019	EURHKD	11:30:00 AM	8.9126	8.9173			N/A
3/1/2019	EURHKD	1:30:00 PM	8.928	8.933			N/A
3/1/2019	EURHKD	3:30:00 PM	8.9305	8.9351			N/A
3/4/2019	EURHKD	9:30:00 AM	8.9181	8.9231			N/A
3/4/2019	EURHKD	11:30:00 AM					N/A
3/4/2019	EURHKD	1:30:00 PM	8.8979	8.9024			N/A
3/4/2019	EURHKD	3:30:00 PM	8.9013	8.9059			N/A
3/5/2019	EURHKD	9:30:00 AM	8.8833	8.8875			N/A
3/5/2019	EURHKD	11:30:00 AM	8.8896	8.894			N/A
3/5/2019	EURHKD	1:30:00 PM	8.8909	8.8958			N/A
3/5/2019	EURHKD	3:30:00 PM	8.8884	8.8923			N/A
3/6/2019	EURHKD	9:30:00 AM	8.867	8.8714			N/A
3/6/2019	EURHKD	11:30:00 AM					N/A
3/6/2019	EURHKD	1:30:00 PM	8.8712	8.8765			N/A
3/6/2019	EURHKD	3:30:00 PM	8.8744	8.8686			N/A
3/7/2019	EURHKD	9:30:00 AM	8.8709	8.876			N/A
3/7/2019	EURHKD	11:30:00 AM	8.8752	8.8807			N/A
3/7/2019	EURHKD	1:30:00 PM	8.8779	8.8826			N/A
3/7/2019	EURHKD	3:30:00 PM	8.8426	8.8444			N/A
3/8/2019	EURHKD	9:30:00 AM	8.7944	8.7985			N/A

3/8/2019	EURHKD	11:30:00 AM					N/A
3/8/2019	EURHKD	1:30:00 PM	8.8042	8.809			N/A
3/8/2019	EURHKD	3:30:00 PM	8.8207	8.8114			N/A
3/11/2019	EURHKD	9:30:00 AM	8.8224	8.8267			N/A
3/11/2019	EURHKD	11:30:00 AM	8.828	8.8321			N/A
3/11/2019	EURHKD	1:30:00 PM	8.8223	8.8269			N/A
3/11/2019	EURHKD	3:30:00 PM	8.8318	8.8357			N/A
3/12/2019	EURHKD	9:30:00 AM	8.8343	8.8392			N/A
3/12/2019	EURHKD	11:30:00 AM					N/A
3/12/2019	EURHKD	1:30:00 PM	8.8345	8.8395			N/A
3/12/2019	EURHKD	3:30:00 PM	8.8505	8.854			N/A
3/13/2019	EURHKD	9:30:00 AM	8.8555	8.8603			N/A
3/13/2019	EURHKD	11:30:00 AM	8.8635	8.8689			N/A
3/13/2019	EURHKD	1:30:00 PM	8.8624	8.8671			N/A
3/13/2019	EURHKD	3:30:00 PM	8.8683	8.8716			N/A
3/14/2019	EURHKD	9:30:00 AM	8.888	8.8932			N/A
3/14/2019	EURHKD	11:30:00 AM					N/A
3/14/2019	EURHKD	1:30:00 PM	8.8701	8.8717			N/A
3/14/2019	EURHKD	3:30:00 PM	8.8675	8.8723			N/A
3/15/2019	EURHKD	9:30:00 AM	8.883	8.8867			N/A
3/15/2019	EURHKD	11:30:00 AM	8.8817	8.8866			N/A
3/15/2019	EURHKD	1:30:00 PM	8.8829	8.8885			N/A
3/15/2019	EURHKD	3:30:00 PM	8.8814	8.8843			N/A
3/18/2019	EURHKD	9:30:00 AM	8.8998	8.9037			N/A
3/18/2019	EURHKD	11:30:00 AM					N/A
3/18/2019	EURHKD	1:30:00 PM	8.9127	8.9174			N/A
3/18/2019	EURHKD	3:30:00 PM	8.9038	8.9086			N/A
3/19/2019	EURHKD	9:30:00 AM	8.9055	8.9105			N/A
3/19/2019	EURHKD	11:30:00 AM	8.9089	8.9137			N/A
3/19/2019	EURHKD	1:30:00 PM	8.9116	8.917			N/A
3/19/2019	EURHKD	3:30:00 PM	8.909	8.9132			N/A
3/20/2019	EURHKD	9:30:00 AM	8.9056	8.9105			N/A
3/20/2019	EURHKD	11:30:00 AM					N/A
3/20/2019	EURHKD	1:30:00 PM	8.9074	8.9127			N/A
3/20/2019	EURHKD	3:30:00 PM	8.914	8.9186			N/A
3/21/2019	EURHKD	9:30:00 AM	8.967	8.9717			N/A
3/21/2019	EURHKD	11:30:00 AM	8.9462	8.9499			N/A
3/21/2019	EURHKD	1:30:00 PM	8.9354	8.9395			N/A
3/21/2019	EURHKD	3:30:00 PM	8.9363	8.9395			N/A
3/22/2019	EURHKD	9:30:00 AM	8.931	8.9352			N/A
3/22/2019	EURHKD	11:30:00 AM					N/A
3/22/2019	EURHKD	1:30:00 PM	8.8684	8.873			N/A
3/22/2019	EURHKD	3:30:00 PM	8.8665	8.8715			N/A
3/25/2019	EURHKD	9:30:00 AM	8.871	8.8755			N/A
3/25/2019	EURHKD	11:30:00 AM	8.8798	8.8842			N/A
3/25/2019	EURHKD	1:30:00 PM	8.8719	8.8774			N/A
3/25/2019	EURHKD	3:30:00 PM	8.8787	8.8837			N/A
3/26/2019	EURHKD	9:30:00 AM	8.8764	8.8809			N/A
3/26/2019	EURHKD	11:30:00 AM					N/A
3/26/2019	EURHKD	1:30:00 PM	8.8796	8.8841			N/A

3/26/2019	EURHKD	3:30:00 PM	8.8618	8.8655			N/A
3/27/2019	EURHKD	9:30:00 AM	8.8333	8.8371			N/A
3/27/2019	EURHKD	11:30:00 AM	8.8484	8.8523			N/A
3/27/2019	EURHKD	1:30:00 PM	8.8509	8.8558			N/A
3/27/2019	EURHKD	3:30:00 PM	8.8369	8.8404			N/A
3/28/2019	EURHKD	9:30:00 AM	8.8341	8.8394			N/A
3/28/2019	EURHKD	11:30:00 AM					N/A
3/28/2019	EURHKD	1:30:00 PM	8.8134	8.8167			N/A
3/28/2019	EURHKD	3:30:00 PM	8.8112	8.8141			N/A
3/29/2019	EURHKD	9:30:00 AM	8.818	8.8224			N/A
3/29/2019	EURHKD	11:30:00 AM	8.8103	8.8139			N/A
3/29/2019	EURHKD	1:30:00 PM	8.8144	8.8195			N/A
3/29/2019	EURHKD	3:30:00 PM	8.8164	8.8207			N/A
1/1/2019	EURHUF	9:30:00 AM					N/A
1/1/2019	EURHUF	11:30:00 AM					N/A
1/1/2019	EURHUF	1:30:00 PM					N/A
1/1/2019	EURHUF	3:30:00 PM					N/A
1/2/2019	EURHUF	9:30:00 AM					N/A
1/2/2019	EURHUF	11:30:00 AM					N/A
1/2/2019	EURHUF	1:30:00 PM					N/A
1/2/2019	EURHUF	3:30:00 PM					N/A
1/3/2019	EURHUF	9:30:00 AM					N/A
1/3/2019	EURHUF	11:30:00 AM					N/A
1/3/2019	EURHUF	1:30:00 PM					N/A
1/3/2019	EURHUF	3:30:00 PM					N/A
1/4/2019	EURHUF	9:30:00 AM					N/A
1/4/2019	EURHUF	11:30:00 AM					N/A
1/4/2019	EURHUF	1:30:00 PM					N/A
1/4/2019	EURHUF	3:30:00 PM					N/A
1/7/2019	EURHUF	9:30:00 AM	320.66	321.29			N/A
1/7/2019	EURHUF	11:30:00 AM					N/A
1/7/2019	EURHUF	1:30:00 PM	320.83	321.46			N/A
1/7/2019	EURHUF	3:30:00 PM	320.75	321.48			N/A
1/8/2019	EURHUF	9:30:00 AM	321.04	321.64			N/A
1/8/2019	EURHUF	11:30:00 AM	321.03	321.67			N/A
1/8/2019	EURHUF	1:30:00 PM	321.35	322.09			N/A
1/8/2019	EURHUF	3:30:00 PM	321.68	322.32			N/A
1/9/2019	EURHUF	9:30:00 AM	321.27	321.99			N/A
1/9/2019	EURHUF	11:30:00 AM					N/A
1/9/2019	EURHUF	1:30:00 PM	321.27	321.92			N/A
1/9/2019	EURHUF	3:30:00 PM	321.43	322.03			N/A
1/10/2019	EURHUF	9:30:00 AM	321.16	321.79			N/A
1/10/2019	EURHUF	11:30:00 AM	321.44	322.15			N/A
1/10/2019	EURHUF	1:30:00 PM	321.06	321.71			N/A
1/10/2019	EURHUF	3:30:00 PM	320.65	321.26			N/A
1/11/2019	EURHUF	9:30:00 AM	320.87	321.48			N/A
1/11/2019	EURHUF	11:30:00 AM					N/A
1/11/2019	EURHUF	1:30:00 PM	321.02	321.7			N/A
1/11/2019	EURHUF	3:30:00 PM	321.28	322.01			N/A
1/14/2019	EURHUF	9:30:00 AM	320.91	321.64			N/A

1/14/2019	EURHUF	11:30:00 AM	320.88	321.58			N/A
1/14/2019	EURHUF	1:30:00 PM	320.92	321.65			N/A
1/14/2019	EURHUF	3:30:00 PM	321.06	321.78			N/A
1/15/2019	EURHUF	9:30:00 AM	321.43	322.1			N/A
1/15/2019	EURHUF	11:30:00 AM					N/A
1/15/2019	EURHUF	1:30:00 PM	321.68	322.32			N/A
1/15/2019	EURHUF	3:30:00 PM	322.51	323.23			N/A
1/16/2019	EURHUF	9:30:00 AM	322.98	323.67			N/A
1/16/2019	EURHUF	11:30:00 AM	323.26	323.99			N/A
1/16/2019	EURHUF	1:30:00 PM	321.41	322.05			N/A
1/16/2019	EURHUF	3:30:00 PM	321.34	322.02			N/A
1/17/2019	EURHUF	9:30:00 AM	321.46	322.15			N/A
1/17/2019	EURHUF	11:30:00 AM					N/A
1/17/2019	EURHUF	1:30:00 PM	320.19	320.83			N/A
1/17/2019	EURHUF	3:30:00 PM	319.65	320.34			N/A
1/18/2019	EURHUF	9:30:00 AM	319.23	319.94			N/A
1/18/2019	EURHUF	11:30:00 AM	318.72	319.32			N/A
1/18/2019	EURHUF	1:30:00 PM	318.18	318.79			N/A
1/18/2019	EURHUF	3:30:00 PM	317.83	318.56			N/A
1/21/2019	EURHUF	9:30:00 AM	317.63	318.24			N/A
1/21/2019	EURHUF	11:30:00 AM					N/A
1/21/2019	EURHUF	1:30:00 PM	317.51	318.21			N/A
1/21/2019	EURHUF	3:30:00 PM	317.31	317.98			N/A
1/22/2019	EURHUF	9:30:00 AM	317.45	318.03			N/A
1/22/2019	EURHUF	11:30:00 AM	317.6	318.33			N/A
1/22/2019	EURHUF	1:30:00 PM	317.67	318.39			N/A
1/22/2019	EURHUF	3:30:00 PM	317.66	318.37			N/A
1/23/2019	EURHUF	9:30:00 AM	317.85	318.48			N/A
1/23/2019	EURHUF	11:30:00 AM					N/A
1/23/2019	EURHUF	1:30:00 PM	317.75	318.48			N/A
1/23/2019	EURHUF	3:30:00 PM	317.81	318.26			N/A
1/24/2019	EURHUF	9:30:00 AM	317.7	318.33			N/A
1/24/2019	EURHUF	11:30:00 AM	318.26	319			N/A
1/24/2019	EURHUF	1:30:00 PM	318.41	319.13			N/A
1/24/2019	EURHUF	3:30:00 PM	318.08	318.8			N/A
1/25/2019	EURHUF	9:30:00 AM	318.1	318.82			N/A
1/25/2019	EURHUF	11:30:00 AM					N/A
1/25/2019	EURHUF	1:30:00 PM	317.92	318.65			N/A
1/25/2019	EURHUF	3:30:00 PM	317.8	318.42			N/A
1/28/2019	EURHUF	9:30:00 AM	317.28	317.97			N/A
1/28/2019	EURHUF	11:30:00 AM	317.51	318.12			N/A
1/28/2019	EURHUF	1:30:00 PM	317.48	318.17			N/A
1/28/2019	EURHUF	3:30:00 PM	317.09	317.66			N/A
1/29/2019	EURHUF	9:30:00 AM	317.07	317.78			N/A
1/29/2019	EURHUF	11:30:00 AM					N/A
1/29/2019	EURHUF	1:30:00 PM	316.76	317.43			N/A
1/29/2019	EURHUF	3:30:00 PM	316.82	317.55			N/A
1/30/2019	EURHUF	9:30:00 AM	316.75	317.39			N/A
1/30/2019	EURHUF	11:30:00 AM	316.72	317.42			N/A
1/30/2019	EURHUF	1:30:00 PM	316.67	317.31			N/A

1/30/2019	EURHUF	3:30:00 PM	316.2	316.83			N/A
1/31/2019	EURHUF	9:30:00 AM	315.29	315.74			N/A
1/31/2019	EURHUF	11:30:00 AM					N/A
1/31/2019	EURHUF	1:30:00 PM	315.68	316.4			N/A
1/31/2019	EURHUF	3:30:00 PM	315.47	316.19			N/A
2/1/2019	EURHUF	9:30:00 AM	315.47	316.18			N/A
2/1/2019	EURHUF	11:30:00 AM	316.92	317.64			N/A
2/1/2019	EURHUF	1:30:00 PM	317.67	318.41			N/A
2/1/2019	EURHUF	3:30:00 PM	317.8	318.36			N/A
2/4/2019	EURHUF	9:30:00 AM	317.2	317.92			N/A
2/4/2019	EURHUF	11:30:00 AM					N/A
2/4/2019	EURHUF	1:30:00 PM	317.28	317.99			N/A
2/4/2019	EURHUF	3:30:00 PM	317.52	318.24			N/A
2/5/2019	EURHUF	9:30:00 AM	316.96	317.69			N/A
2/5/2019	EURHUF	11:30:00 AM	317.23	317.96			N/A
2/5/2019	EURHUF	1:30:00 PM	317.08	317.71			N/A
2/5/2019	EURHUF	3:30:00 PM	317.06	317.72			N/A
2/6/2019	EURHUF	9:30:00 AM	317.55	318.22			N/A
2/6/2019	EURHUF	11:30:00 AM					N/A
2/6/2019	EURHUF	1:30:00 PM	318.16	318.89			N/A
2/6/2019	EURHUF	3:30:00 PM	318.28	319.02			N/A
2/7/2019	EURHUF	9:30:00 AM	318.57	319.31			N/A
2/7/2019	EURHUF	11:30:00 AM	319.18	319.88			N/A
2/7/2019	EURHUF	1:30:00 PM	318.98	319.71			N/A
2/7/2019	EURHUF	3:30:00 PM	319.07	319.67			N/A
2/8/2019	EURHUF	9:30:00 AM	318.31	319.05			N/A
2/8/2019	EURHUF	11:30:00 AM					N/A
2/8/2019	EURHUF	1:30:00 PM	318.35	319.08			N/A
2/8/2019	EURHUF	3:30:00 PM	318.01	318.72			N/A
2/11/2019	EURHUF	9:30:00 AM	318.49	319.12			N/A
2/11/2019	EURHUF	11:30:00 AM	319.32	320.05			N/A
2/11/2019	EURHUF	1:30:00 PM	319.4	320.11			N/A
2/11/2019	EURHUF	3:30:00 PM	319.39	320.13			N/A
2/12/2019	EURHUF	9:30:00 AM	319.37	320.09			N/A
2/12/2019	EURHUF	11:30:00 AM					N/A
2/12/2019	EURHUF	1:30:00 PM	317.76	318.46			N/A
2/12/2019	EURHUF	3:30:00 PM	317.64	318.31			N/A
2/13/2019	EURHUF	9:30:00 AM	317.74	318.46			N/A
2/13/2019	EURHUF	11:30:00 AM	317.29	318.01			N/A
2/13/2019	EURHUF	1:30:00 PM	317.68	318.38			N/A
2/13/2019	EURHUF	3:30:00 PM	317.87	318.59			N/A
2/14/2019	EURHUF	9:30:00 AM	318.2	318.91			N/A
2/14/2019	EURHUF	11:30:00 AM					N/A
2/14/2019	EURHUF	1:30:00 PM	318.4	319.11			N/A
2/14/2019	EURHUF	3:30:00 PM	318.67	319.35			N/A
2/15/2019	EURHUF	9:30:00 AM					N/A
2/15/2019	EURHUF	11:30:00 AM					N/A
2/15/2019	EURHUF	1:30:00 PM					N/A
2/15/2019	EURHUF	3:30:00 PM					N/A
2/18/2019	EURHUF	9:30:00 AM	317.48	318.19			N/A

2/18/2019	EURHUF	11:30:00 AM					N/A
2/18/2019	EURHUF	1:30:00 PM	317.6	318.24			N/A
2/18/2019	EURHUF	3:30:00 PM	317.65	318.35			N/A
2/19/2019	EURHUF	9:30:00 AM	317.57	318.29			N/A
2/19/2019	EURHUF	11:30:00 AM	317.94	318.4			N/A
2/19/2019	EURHUF	1:30:00 PM	318.11	318.74			N/A
2/19/2019	EURHUF	3:30:00 PM	317.92	318.55			N/A
2/20/2019	EURHUF	9:30:00 AM	317.14	317.87			N/A
2/20/2019	EURHUF	11:30:00 AM					N/A
2/20/2019	EURHUF	1:30:00 PM	317.12	317.86			N/A
2/20/2019	EURHUF	3:30:00 PM	317.01	317.68			N/A
2/21/2019	EURHUF	9:30:00 AM	316.68	317.31			N/A
2/21/2019	EURHUF	11:30:00 AM	316.93	317.64			N/A
2/21/2019	EURHUF	1:30:00 PM	316.9	317.56			N/A
2/21/2019	EURHUF	3:30:00 PM	317.07	317.79			N/A
2/22/2019	EURHUF	9:30:00 AM	317.02	317.68			N/A
2/22/2019	EURHUF	11:30:00 AM					N/A
2/22/2019	EURHUF	1:30:00 PM	317.49	318.15			N/A
2/22/2019	EURHUF	3:30:00 PM	317.55	318.25			N/A
2/25/2019	EURHUF	9:30:00 AM	316.95	317.68			N/A
2/25/2019	EURHUF	11:30:00 AM	317.53	318.24			N/A
2/25/2019	EURHUF	1:30:00 PM	317.31	317.96			N/A
2/25/2019	EURHUF	3:30:00 PM	317.38	318.09			N/A
2/26/2019	EURHUF	9:30:00 AM	317.4	318.12			N/A
2/26/2019	EURHUF	11:30:00 AM					N/A
2/26/2019	EURHUF	1:30:00 PM	316.89	317.61			N/A
2/26/2019	EURHUF	3:30:00 PM	316.73	317.32			N/A
2/27/2019	EURHUF	9:30:00 AM	316.33	317.04			N/A
2/27/2019	EURHUF	11:30:00 AM	316.03	316.75			N/A
2/27/2019	EURHUF	1:30:00 PM	316.15	316.78			N/A
2/27/2019	EURHUF	3:30:00 PM	316.02	316.63			N/A
2/28/2019	EURHUF	9:30:00 AM	316.09	316.76			N/A
2/28/2019	EURHUF	11:30:00 AM					N/A
2/28/2019	EURHUF	1:30:00 PM	315.71	316.43			N/A
2/28/2019	EURHUF	3:30:00 PM	315.62	316.34			N/A
3/1/2019	EURHUF	9:30:00 AM	315.79	316.49			N/A
3/1/2019	EURHUF	11:30:00 AM	315.45	316.17			N/A
3/1/2019	EURHUF	1:30:00 PM	315.53	316.23			N/A
3/1/2019	EURHUF	3:30:00 PM	315.79	316.37			N/A
3/4/2019	EURHUF	9:30:00 AM	315.63	316.37			N/A
3/4/2019	EURHUF	11:30:00 AM					N/A
3/4/2019	EURHUF	1:30:00 PM	315.59	316.31			N/A
3/4/2019	EURHUF	3:30:00 PM	315.42	316.05			N/A
3/5/2019	EURHUF	9:30:00 AM	315.59	316.33			N/A
3/5/2019	EURHUF	11:30:00 AM	315.26	315.88			N/A
3/5/2019	EURHUF	1:30:00 PM	315.21	315.85			N/A
3/5/2019	EURHUF	3:30:00 PM	315.25	315.87			N/A
3/6/2019	EURHUF	9:30:00 AM	315.17	315.78			N/A
3/6/2019	EURHUF	11:30:00 AM					N/A
3/6/2019	EURHUF	1:30:00 PM	315.2	315.85			N/A

3/6/2019	EURHUF	3:30:00 PM	315.29	315.93			N/A
3/7/2019	EURHUF	9:30:00 AM	315.23	315.94			N/A
3/7/2019	EURHUF	11:30:00 AM	314.92	315.64			N/A
3/7/2019	EURHUF	1:30:00 PM	315.05	315.78			N/A
3/7/2019	EURHUF	3:30:00 PM	314.93	315.6			N/A
3/8/2019	EURHUF	9:30:00 AM	316.08	316.78			N/A
3/8/2019	EURHUF	11:30:00 AM					N/A
3/8/2019	EURHUF	1:30:00 PM	315.66	316.29			N/A
3/8/2019	EURHUF	3:30:00 PM	315.54	316.15			N/A
3/11/2019	EURHUF	9:30:00 AM	315.23	315.78			N/A
3/11/2019	EURHUF	11:30:00 AM	315.01	315.65			N/A
3/11/2019	EURHUF	1:30:00 PM	315.58	316.21			N/A
3/11/2019	EURHUF	3:30:00 PM	315.44	316.16			N/A
3/12/2019	EURHUF	9:30:00 AM	315.28	315.98			N/A
3/12/2019	EURHUF	11:30:00 AM					N/A
3/12/2019	EURHUF	1:30:00 PM	315.35	316.04			N/A
3/12/2019	EURHUF	3:30:00 PM	314.9	315.61			N/A
3/13/2019	EURHUF	9:30:00 AM	314.87	315.56			N/A
3/13/2019	EURHUF	11:30:00 AM	314.29	314.81			N/A
3/13/2019	EURHUF	1:30:00 PM	314.2	314.94			N/A
3/13/2019	EURHUF	3:30:00 PM	314.3	314.87			N/A
3/14/2019	EURHUF	9:30:00 AM	314.34	315.01			N/A
3/14/2019	EURHUF	11:30:00 AM					N/A
3/14/2019	EURHUF	1:30:00 PM	314.13	314.83			N/A
3/14/2019	EURHUF	3:30:00 PM	313.99	314.58			N/A
3/15/2019	EURHUF	9:30:00 AM	314.03	314.69			N/A
3/15/2019	EURHUF	11:30:00 AM	313.98	314.63			N/A
3/15/2019	EURHUF	1:30:00 PM	313.96	314.7			N/A
3/15/2019	EURHUF	3:30:00 PM	313.98	314.59			N/A
3/18/2019	EURHUF	9:30:00 AM	314.06	314.76			N/A
3/18/2019	EURHUF	11:30:00 AM					N/A
3/18/2019	EURHUF	1:30:00 PM	313.93	314.61			N/A
3/18/2019	EURHUF	3:30:00 PM	314.04	314.74			N/A
3/19/2019	EURHUF	9:30:00 AM	313.54	314.23			N/A
3/19/2019	EURHUF	11:30:00 AM	313.32	314.06			N/A
3/19/2019	EURHUF	1:30:00 PM	313.08	313.81			N/A
3/19/2019	EURHUF	3:30:00 PM	312.84	313.46			N/A
3/20/2019	EURHUF	9:30:00 AM	312.57	313.23			N/A
3/20/2019	EURHUF	11:30:00 AM					N/A
3/20/2019	EURHUF	1:30:00 PM	312.52	313.21			N/A
3/20/2019	EURHUF	3:30:00 PM	313.02	313.7			N/A
3/21/2019	EURHUF	9:30:00 AM	313.59	314.32			N/A
3/21/2019	EURHUF	11:30:00 AM	314.18	314.91			N/A
3/21/2019	EURHUF	1:30:00 PM	314.05	314.75			N/A
3/21/2019	EURHUF	3:30:00 PM	313.93	314.58			N/A
3/22/2019	EURHUF	9:30:00 AM	314.04	314.75			N/A
3/22/2019	EURHUF	11:30:00 AM					N/A
3/22/2019	EURHUF	1:30:00 PM	315.26	316			N/A
3/22/2019	EURHUF	3:30:00 PM	315.97	316.58			N/A
3/25/2019	EURHUF	9:30:00 AM	316.17	316.78			N/A

3/25/2019	EURHUF	11:30:00 AM	316.23	316.92			N/A
3/25/2019	EURHUF	1:30:00 PM	316.67	317.33			N/A
3/25/2019	EURHUF	3:30:00 PM	316.57	317.28			N/A
3/26/2019	EURHUF	9:30:00 AM	315.72	316.42			N/A
3/26/2019	EURHUF	11:30:00 AM					N/A
3/26/2019	EURHUF	1:30:00 PM	315.51	316.17			N/A
3/26/2019	EURHUF	3:30:00 PM	315.79	316.47			N/A
3/27/2019	EURHUF	9:30:00 AM	319.01	319.73			N/A
3/27/2019	EURHUF	11:30:00 AM	319.3	319.96			N/A
3/27/2019	EURHUF	1:30:00 PM	320.04	320.71			N/A
3/27/2019	EURHUF	3:30:00 PM	319.52	320.2			N/A
3/28/2019	EURHUF	9:30:00 AM	319.47	320.14			N/A
3/28/2019	EURHUF	11:30:00 AM					N/A
3/28/2019	EURHUF	1:30:00 PM	320.09	320.78			N/A
3/28/2019	EURHUF	3:30:00 PM	319.51	320.23			N/A
3/29/2019	EURHUF	9:30:00 AM	319.93	320.45			N/A
3/29/2019	EURHUF	11:30:00 AM	320.35	321.02			N/A
3/29/2019	EURHUF	1:30:00 PM	320.7	321.32			N/A
3/29/2019	EURHUF	3:30:00 PM	320.75	321.45			N/A
1/1/2019	EURJPY	9:30:00 AM					N/A
1/1/2019	EURJPY	11:30:00 AM					N/A
1/1/2019	EURJPY	1:30:00 PM					N/A
1/1/2019	EURJPY	3:30:00 PM					N/A
1/2/2019	EURJPY	9:30:00 AM					N/A
1/2/2019	EURJPY	11:30:00 AM					N/A
1/2/2019	EURJPY	1:30:00 PM					N/A
1/2/2019	EURJPY	3:30:00 PM					N/A
1/3/2019	EURJPY	9:30:00 AM					N/A
1/3/2019	EURJPY	11:30:00 AM					N/A
1/3/2019	EURJPY	1:30:00 PM				500	N/A
1/3/2019	EURJPY	3:30:00 PM					N/A
1/4/2019	EURJPY	9:30:00 AM					N/A
1/4/2019	EURJPY	11:30:00 AM					N/A
1/4/2019	EURJPY	1:30:00 PM					N/A
1/4/2019	EURJPY	3:30:00 PM					N/A
1/7/2019	EURJPY	9:30:00 AM	123.534	123.532			N/A
1/7/2019	EURJPY	11:30:00 AM					N/A
1/7/2019	EURJPY	1:30:00 PM	123.916	123.919			N/A
1/7/2019	EURJPY	3:30:00 PM	124.018	124.018			N/A
1/8/2019	EURJPY	9:30:00 AM	124.793	124.72			N/A
1/8/2019	EURJPY	11:30:00 AM	124.723	124.695			N/A
1/8/2019	EURJPY	1:30:00 PM	124.464	124.437			N/A
1/8/2019	EURJPY	3:30:00 PM	124.453	124.458			N/A
1/9/2019	EURJPY	9:30:00 AM	124.952	124.94			N/A
1/9/2019	EURJPY	11:30:00 AM					N/A
1/9/2019	EURJPY	1:30:00 PM	124.647	124.576	1	1	N/A
1/9/2019	EURJPY	3:30:00 PM	124.62	124.625			N/A
1/10/2019	EURJPY	9:30:00 AM	124.659	124.622			N/A
1/10/2019	EURJPY	11:30:00 AM	124.606	124.599			N/A
1/10/2019	EURJPY	1:30:00 PM	124.595	124.554	1	1	N/A

1/10/2019	EURJPY	3:30:00 PM	124.728	124.718			N/A
1/11/2019	EURJPY	9:30:00 AM	124.969	124.965			N/A
1/11/2019	EURJPY	11:30:00 AM					N/A
1/11/2019	EURJPY	1:30:00 PM	124.835	124.818			N/A
1/11/2019	EURJPY	3:30:00 PM	124.92	124.869			N/A
1/14/2019	EURJPY	9:30:00 AM	124.012	124.01			N/A
1/14/2019	EURJPY	11:30:00 AM	124.037	124.009			N/A
1/14/2019	EURJPY	1:30:00 PM	123.869	123.839			N/A
1/14/2019	EURJPY	3:30:00 PM	123.919	123.913			N/A
1/15/2019	EURJPY	9:30:00 AM	124.701	124.683			N/A
1/15/2019	EURJPY	11:30:00 AM					N/A
1/15/2019	EURJPY	1:30:00 PM	124.029	124.013			N/A
1/15/2019	EURJPY	3:30:00 PM	123.982	123.944			N/A
1/16/2019	EURJPY	9:30:00 AM	123.831	123.799			N/A
1/16/2019	EURJPY	11:30:00 AM	124.013	123.996			N/A
1/16/2019	EURJPY	1:30:00 PM	123.94	123.939			N/A
1/16/2019	EURJPY	3:30:00 PM	123.916	123.897			N/A
1/17/2019	EURJPY	9:30:00 AM	123.857	123.853			N/A
1/17/2019	EURJPY	11:30:00 AM					N/A
1/17/2019	EURJPY	1:30:00 PM	124.027	124.018			N/A
1/17/2019	EURJPY	3:30:00 PM	123.967	123.914			N/A
1/18/2019	EURJPY	9:30:00 AM	124.71	124.711			N/A
1/18/2019	EURJPY	11:30:00 AM	124.865	124.85			N/A
1/18/2019	EURJPY	1:30:00 PM	124.848	124.845			N/A
1/18/2019	EURJPY	3:30:00 PM	124.77	124.765			N/A
1/21/2019	EURJPY	9:30:00 AM	124.694	124.698			N/A
1/21/2019	EURJPY	11:30:00 AM					N/A
1/21/2019	EURJPY	1:30:00 PM	124.621	124.627			N/A
1/21/2019	EURJPY	3:30:00 PM	124.601	124.603			N/A
1/22/2019	EURJPY	9:30:00 AM	124.178	124.175			N/A
1/22/2019	EURJPY	11:30:00 AM	124.346	124.342			N/A
1/22/2019	EURJPY	1:30:00 PM	124.278	124.277			N/A
1/22/2019	EURJPY	3:30:00 PM	124.225	124.226			N/A
1/23/2019	EURJPY	9:30:00 AM	124.6	124.589			N/A
1/23/2019	EURJPY	11:30:00 AM					N/A
1/23/2019	EURJPY	1:30:00 PM	124.617	124.608			N/A
1/23/2019	EURJPY	3:30:00 PM	124.705	124.711			N/A
1/24/2019	EURJPY	9:30:00 AM	124.75	124.755			N/A
1/24/2019	EURJPY	11:30:00 AM	124.45	124.414	1	1	N/A
1/24/2019	EURJPY	1:30:00 PM	124.496	124.43			N/A
1/24/2019	EURJPY	3:30:00 PM	124.401	124.394			N/A
1/25/2019	EURJPY	9:30:00 AM	124.354	124.337			N/A
1/25/2019	EURJPY	11:30:00 AM					N/A
1/25/2019	EURJPY	1:30:00 PM	124.532	124.532			N/A
1/25/2019	EURJPY	3:30:00 PM	124.734	124.736			N/A
1/28/2019	EURJPY	9:30:00 AM	124.797	124.772			N/A
1/28/2019	EURJPY	11:30:00 AM	124.713	124.703			N/A
1/28/2019	EURJPY	1:30:00 PM	124.943	124.943			N/A
1/28/2019	EURJPY	3:30:00 PM	124.939	124.95			N/A
1/29/2019	EURJPY	9:30:00 AM	125.007	124.985			N/A

1/29/2019	EURJPY	11:30:00 AM					N/A
1/29/2019	EURJPY	1:30:00 PM	125.116	125.11			N/A
1/29/2019	EURJPY	3:30:00 PM	125.042	125.05			N/A
1/30/2019	EURJPY	9:30:00 AM	124.953	124.956			N/A
1/30/2019	EURJPY	11:30:00 AM	124.99	124.999			N/A
1/30/2019	EURJPY	1:30:00 PM	125.037	125.04			N/A
1/30/2019	EURJPY	3:30:00 PM	125.156	125.149			N/A
1/31/2019	EURJPY	9:30:00 AM	125.151	125.142			N/A
1/31/2019	EURJPY	11:30:00 AM					N/A
1/31/2019	EURJPY	1:30:00 PM	124.763	124.753		2000	N/A
1/31/2019	EURJPY	3:30:00 PM	124.774	124.758			N/A
2/1/2019	EURJPY	9:30:00 AM	124.659	124.666			N/A
2/1/2019	EURJPY	11:30:00 AM	124.816	124.803			N/A
2/1/2019	EURJPY	1:30:00 PM	124.912	124.917			N/A
2/1/2019	EURJPY	3:30:00 PM	125.026	124.909		1	N/A
2/4/2019	EURJPY	9:30:00 AM	125.615	125.603			N/A
2/4/2019	EURJPY	11:30:00 AM					N/A
2/4/2019	EURJPY	1:30:00 PM	125.76	125.762			N/A
2/4/2019	EURJPY	3:30:00 PM	125.888	125.85			N/A
2/5/2019	EURJPY	9:30:00 AM	125.528	125.528			N/A
2/5/2019	EURJPY	11:30:00 AM	125.603	125.586			N/A
2/5/2019	EURJPY	1:30:00 PM	125.541	125.545			N/A
2/5/2019	EURJPY	3:30:00 PM	125.524	125.52			N/A
2/6/2019	EURJPY	9:30:00 AM	124.897	124.877			N/A
2/6/2019	EURJPY	11:30:00 AM					N/A
2/6/2019	EURJPY	1:30:00 PM	124.938	124.949			N/A
2/6/2019	EURJPY	3:30:00 PM	125.087	125.077			N/A
2/7/2019	EURJPY	9:30:00 AM	124.88	124.886			N/A
2/7/2019	EURJPY	11:30:00 AM	124.8	124.796			N/A
2/7/2019	EURJPY	1:30:00 PM	124.473	124.466			N/A
2/7/2019	EURJPY	3:30:00 PM	124.428	124.418			N/A
2/8/2019	EURJPY	9:30:00 AM	124.418	124.4			N/A
2/8/2019	EURJPY	11:30:00 AM					N/A
2/8/2019	EURJPY	1:30:00 PM	124.574	124.581			N/A
2/8/2019	EURJPY	3:30:00 PM	124.628	124.605			N/A
2/11/2019	EURJPY	9:30:00 AM	124.536	124.539			N/A
2/11/2019	EURJPY	11:30:00 AM	124.718	124.695			N/A
2/11/2019	EURJPY	1:30:00 PM	124.651	124.658			N/A
2/11/2019	EURJPY	3:30:00 PM	124.709	124.706			N/A
2/12/2019	EURJPY	9:30:00 AM	124.754	124.753			N/A
2/12/2019	EURJPY	11:30:00 AM					N/A
2/12/2019	EURJPY	1:30:00 PM	124.644	124.642			N/A
2/12/2019	EURJPY	3:30:00 PM	124.701	124.697			N/A
2/13/2019	EURJPY	9:30:00 AM	125.35	125.355			N/A
2/13/2019	EURJPY	11:30:00 AM	125.395	125.394			N/A
2/13/2019	EURJPY	1:30:00 PM	125.241	125.247			N/A
2/13/2019	EURJPY	3:30:00 PM	125.169	125.118			N/A
2/14/2019	EURJPY	9:30:00 AM	125.374	125.372	2000	2000	N/A
2/14/2019	EURJPY	11:30:00 AM					N/A
2/14/2019	EURJPY	1:30:00 PM	125.217	125.212			N/A

2/14/2019	EURJPY	3:30:00 PM	125.141	125.081			N/A
2/15/2019	EURJPY	9:30:00 AM					N/A
2/15/2019	EURJPY	11:30:00 AM					N/A
2/15/2019	EURJPY	1:30:00 PM					N/A
2/15/2019	EURJPY	3:30:00 PM				1	N/A
2/18/2019	EURJPY	9:30:00 AM	125.053	125.042			N/A
2/18/2019	EURJPY	11:30:00 AM					N/A
2/18/2019	EURJPY	1:30:00 PM	125.182	125.191			N/A
2/18/2019	EURJPY	3:30:00 PM	125.208	125.211			N/A
2/19/2019	EURJPY	9:30:00 AM	125.13	125.125			N/A
2/19/2019	EURJPY	11:30:00 AM	125.196	125.175			N/A
2/19/2019	EURJPY	1:30:00 PM	124.978	124.978			N/A
2/19/2019	EURJPY	3:30:00 PM	125.044	125.047			N/A
2/20/2019	EURJPY	9:30:00 AM	125.716	125.697			N/A
2/20/2019	EURJPY	11:30:00 AM					N/A
2/20/2019	EURJPY	1:30:00 PM	125.603	125.594			N/A
2/20/2019	EURJPY	3:30:00 PM	125.555	125.543			N/A
2/21/2019	EURJPY	9:30:00 AM	125.604	125.569			N/A
2/21/2019	EURJPY	11:30:00 AM	125.457	125.419			N/A
2/21/2019	EURJPY	1:30:00 PM	125.63	125.622			N/A
2/21/2019	EURJPY	3:30:00 PM	125.706	125.639			N/A
2/22/2019	EURJPY	9:30:00 AM	125.646	125.643			N/A
2/22/2019	EURJPY	11:30:00 AM					N/A
2/22/2019	EURJPY	1:30:00 PM	125.715	125.707	100	100	N/A
2/22/2019	EURJPY	3:30:00 PM	125.542	125.547			N/A
2/25/2019	EURJPY	9:30:00 AM	125.641	125.635			N/A
2/25/2019	EURJPY	11:30:00 AM	125.638	125.638			N/A
2/25/2019	EURJPY	1:30:00 PM	125.847	125.849			N/A
2/25/2019	EURJPY	3:30:00 PM	125.809	125.808			N/A
2/26/2019	EURJPY	9:30:00 AM	125.782	125.765			N/A
2/26/2019	EURJPY	11:30:00 AM					N/A
2/26/2019	EURJPY	1:30:00 PM	125.943	125.953			N/A
2/26/2019	EURJPY	3:30:00 PM	125.895	125.875			N/A
2/27/2019	EURJPY	9:30:00 AM	125.572	125.575			N/A
2/27/2019	EURJPY	11:30:00 AM	125.796	125.792			N/A
2/27/2019	EURJPY	1:30:00 PM	125.925	125.92			N/A
2/27/2019	EURJPY	3:30:00 PM	125.957	125.948			N/A
2/28/2019	EURJPY	9:30:00 AM	126.076	126.047			N/A
2/28/2019	EURJPY	11:30:00 AM					N/A
2/28/2019	EURJPY	1:30:00 PM	126.434	126.421			N/A
2/28/2019	EURJPY	3:30:00 PM	126.483	126.382			N/A
3/1/2019	EURJPY	9:30:00 AM	127.109	127.113			N/A
3/1/2019	EURJPY	11:30:00 AM	127.185	127.189			N/A
3/1/2019	EURJPY	1:30:00 PM	127.275	127.28			N/A
3/1/2019	EURJPY	3:30:00 PM	127.346	127.325			N/A
3/4/2019	EURJPY	9:30:00 AM	127.235	127.226			N/A
3/4/2019	EURJPY	11:30:00 AM					N/A
3/4/2019	EURJPY	1:30:00 PM	126.804	126.806			N/A
3/4/2019	EURJPY	3:30:00 PM	126.906	126.9			N/A
3/5/2019	EURJPY	9:30:00 AM	126.691	126.679			N/A

3/5/2019	EURJPY	11:30:00 AM	126.85	126.846			N/A
3/5/2019	EURJPY	1:30:00 PM	126.818	126.822			N/A
3/5/2019	EURJPY	3:30:00 PM	126.742	126.738			N/A
3/6/2019	EURJPY	9:30:00 AM	126.304	126.292			N/A
3/6/2019	EURJPY	11:30:00 AM					N/A
3/6/2019	EURJPY	1:30:00 PM	126.449	126.458			N/A
3/6/2019	EURJPY	3:30:00 PM	126.429	126.273			N/A
3/7/2019	EURJPY	9:30:00 AM	126.287	126.284			N/A
3/7/2019	EURJPY	11:30:00 AM	126.348	126.357			N/A
3/7/2019	EURJPY	1:30:00 PM	126.345	126.354			N/A
3/7/2019	EURJPY	3:30:00 PM	125.95	125.922			N/A
3/8/2019	EURJPY	9:30:00 AM	124.381	124.379			N/A
3/8/2019	EURJPY	11:30:00 AM					N/A
3/8/2019	EURJPY	1:30:00 PM	124.711	124.718			N/A
3/8/2019	EURJPY	3:30:00 PM	124.71	124.505			N/A
3/11/2019	EURJPY	9:30:00 AM	125.021	125.011			N/A
3/11/2019	EURJPY	11:30:00 AM	125.076	125.07			N/A
3/11/2019	EURJPY	1:30:00 PM	125.019	125.013			N/A
3/11/2019	EURJPY	3:30:00 PM	124.966	124.947			N/A
3/12/2019	EURJPY	9:30:00 AM	125.342	125.336			N/A
3/12/2019	EURJPY	11:30:00 AM					N/A
3/12/2019	EURJPY	1:30:00 PM	125.18	125.163			N/A
3/12/2019	EURJPY	3:30:00 PM	125.347	125.309			N/A
3/13/2019	EURJPY	9:30:00 AM	125.604	125.609			N/A
3/13/2019	EURJPY	11:30:00 AM	125.725	125.738			N/A
3/13/2019	EURJPY	1:30:00 PM	125.743	125.745			N/A
3/13/2019	EURJPY	3:30:00 PM	125.827	125.806			N/A
3/14/2019	EURJPY	9:30:00 AM	126.356	126.343			N/A
3/14/2019	EURJPY	11:30:00 AM					N/A
3/14/2019	EURJPY	1:30:00 PM	126.15	126.092			N/A
3/14/2019	EURJPY	3:30:00 PM	126.103	126.1			N/A
3/15/2019	EURJPY	9:30:00 AM	126.399	126.393			N/A
3/15/2019	EURJPY	11:30:00 AM	126.393	126.395			N/A
3/15/2019	EURJPY	1:30:00 PM	126.459	126.47			N/A
3/15/2019	EURJPY	3:30:00 PM	126.218	126.192			N/A
3/18/2019	EURJPY	9:30:00 AM	126.502	126.492			N/A
3/18/2019	EURJPY	11:30:00 AM					N/A
3/18/2019	EURJPY	1:30:00 PM	126.593	126.596			N/A
3/18/2019	EURJPY	3:30:00 PM	126.536	126.532			N/A
3/19/2019	EURJPY	9:30:00 AM	126.261	126.266			N/A
3/19/2019	EURJPY	11:30:00 AM	126.361	126.364			N/A
3/19/2019	EURJPY	1:30:00 PM	126.388	126.391			N/A
3/19/2019	EURJPY	3:30:00 PM	126.53	126.523			N/A
3/20/2019	EURJPY	9:30:00 AM	126.668	126.674			N/A
3/20/2019	EURJPY	11:30:00 AM					N/A
3/20/2019	EURJPY	1:30:00 PM	126.613	126.61			N/A
3/20/2019	EURJPY	3:30:00 PM	126.624	126.605			N/A
3/21/2019	EURJPY	9:30:00 AM	126.196	126.186			N/A
3/21/2019	EURJPY	11:30:00 AM	125.882	125.872			N/A
3/21/2019	EURJPY	1:30:00 PM	125.887	125.883			N/A

3/21/2019	EURJPY	3:30:00 PM	125.971	125.929			N/A
3/22/2019	EURJPY	9:30:00 AM	126.09	126.093			N/A
3/22/2019	EURJPY	11:30:00 AM					N/A
3/22/2019	EURJPY	1:30:00 PM	124.801	124.806			N/A
3/22/2019	EURJPY	3:30:00 PM	124.623	124.594			N/A
3/25/2019	EURJPY	9:30:00 AM	124.413	124.378			N/A
3/25/2019	EURJPY	11:30:00 AM	124.717	124.71			N/A
3/25/2019	EURJPY	1:30:00 PM	124.541	124.536			N/A
3/25/2019	EURJPY	3:30:00 PM	124.547	124.515			N/A
3/26/2019	EURJPY	9:30:00 AM	124.573	124.577			N/A
3/26/2019	EURJPY	11:30:00 AM					N/A
3/26/2019	EURJPY	1:30:00 PM	124.91	124.91			N/A
3/26/2019	EURJPY	3:30:00 PM	124.779	124.766			N/A
3/27/2019	EURJPY	9:30:00 AM	124.462	124.454			N/A
3/27/2019	EURJPY	11:30:00 AM	124.715	124.703			N/A
3/27/2019	EURJPY	1:30:00 PM	124.433	124.43			N/A
3/27/2019	EURJPY	3:30:00 PM	124.44	124.411			N/A
3/28/2019	EURJPY	9:30:00 AM	124.013	124.019			N/A
3/28/2019	EURJPY	11:30:00 AM					N/A
3/28/2019	EURJPY	1:30:00 PM	123.854	123.839			N/A
3/28/2019	EURJPY	3:30:00 PM	124.247	124.238			N/A
3/29/2019	EURJPY	9:30:00 AM	124.253	124.257			N/A
3/29/2019	EURJPY	11:30:00 AM	124.365	124.331			N/A
3/29/2019	EURJPY	1:30:00 PM	124.439	124.44			N/A
3/29/2019	EURJPY	3:30:00 PM	124.503	124.491			N/A
1/1/2019	EURMXN	9:30:00 AM					N/A
1/1/2019	EURMXN	11:30:00 AM					N/A
1/1/2019	EURMXN	1:30:00 PM					N/A
1/1/2019	EURMXN	3:30:00 PM					N/A
1/2/2019	EURMXN	9:30:00 AM					N/A
1/2/2019	EURMXN	11:30:00 AM					N/A
1/2/2019	EURMXN	1:30:00 PM					N/A
1/2/2019	EURMXN	3:30:00 PM					N/A
1/3/2019	EURMXN	9:30:00 AM					N/A
1/3/2019	EURMXN	11:30:00 AM					N/A
1/3/2019	EURMXN	1:30:00 PM					N/A
1/3/2019	EURMXN	3:30:00 PM					N/A
1/4/2019	EURMXN	9:30:00 AM					N/A
1/4/2019	EURMXN	11:30:00 AM					N/A
1/4/2019	EURMXN	1:30:00 PM					N/A
1/4/2019	EURMXN	3:30:00 PM					N/A
1/7/2019	EURMXN	9:30:00 AM	22.1594	22.17			N/A
1/7/2019	EURMXN	11:30:00 AM					N/A
1/7/2019	EURMXN	1:30:00 PM	22.2476	22.257			N/A
1/7/2019	EURMXN	3:30:00 PM	22.1234	22.1368			N/A
1/8/2019	EURMXN	9:30:00 AM	22.2276	22.2335			N/A
1/8/2019	EURMXN	11:30:00 AM	22.1419	22.1563			N/A
1/8/2019	EURMXN	1:30:00 PM	22.2009	22.2174			N/A
1/8/2019	EURMXN	3:30:00 PM	22.1496	22.1597			N/A
1/9/2019	EURMXN	9:30:00 AM	22.1267	22.1441			N/A

1/9/2019	EURMXN	11:30:00 AM					N/A
1/9/2019	EURMXN	1:30:00 PM	22.1656	22.1793			N/A
1/9/2019	EURMXN	3:30:00 PM	22.0931	22.1027			N/A
1/10/2019	EURMXN	9:30:00 AM	22.2202	22.2309			N/A
1/10/2019	EURMXN	11:30:00 AM	22.1924	22.2092			N/A
1/10/2019	EURMXN	1:30:00 PM	22.1744	22.1897			N/A
1/10/2019	EURMXN	3:30:00 PM	22.1119	22.1207			N/A
1/11/2019	EURMXN	9:30:00 AM	22.0081	22.0286			N/A
1/11/2019	EURMXN	11:30:00 AM					N/A
1/11/2019	EURMXN	1:30:00 PM	21.9918	22.009			N/A
1/11/2019	EURMXN	3:30:00 PM	22.0422	22.05			N/A
1/14/2019	EURMXN	9:30:00 AM	21.9926	22.0062			N/A
1/14/2019	EURMXN	11:30:00 AM	21.9646	21.9796			N/A
1/14/2019	EURMXN	1:30:00 PM	21.9722	21.9899			N/A
1/14/2019	EURMXN	3:30:00 PM	21.9357	21.9523			N/A
1/15/2019	EURMXN	9:30:00 AM	21.7697	21.7866			N/A
1/15/2019	EURMXN	11:30:00 AM					N/A
1/15/2019	EURMXN	1:30:00 PM	21.691	21.7057			N/A
1/15/2019	EURMXN	3:30:00 PM	21.7133	21.7118			N/A
1/16/2019	EURMXN	9:30:00 AM	21.6256	21.6345			N/A
1/16/2019	EURMXN	11:30:00 AM	21.6994	21.7162			N/A
1/16/2019	EURMXN	1:30:00 PM	21.655	21.6729			N/A
1/16/2019	EURMXN	3:30:00 PM	21.6454	21.6599			N/A
1/17/2019	EURMXN	9:30:00 AM	21.551	21.5666			N/A
1/17/2019	EURMXN	11:30:00 AM					N/A
1/17/2019	EURMXN	1:30:00 PM	21.575	21.5866			N/A
1/17/2019	EURMXN	3:30:00 PM	21.6652	21.6628			N/A
1/18/2019	EURMXN	9:30:00 AM	21.6429	21.6562			N/A
1/18/2019	EURMXN	11:30:00 AM	21.7282	21.7383			N/A
1/18/2019	EURMXN	1:30:00 PM	21.7571	21.7639			N/A
1/18/2019	EURMXN	3:30:00 PM	21.6763	21.6905			N/A
1/21/2019	EURMXN	9:30:00 AM	21.7783	21.7971			N/A
1/21/2019	EURMXN	11:30:00 AM					N/A
1/21/2019	EURMXN	1:30:00 PM	21.7751	21.7887			N/A
1/21/2019	EURMXN	3:30:00 PM	21.7599	21.775			N/A
1/22/2019	EURMXN	9:30:00 AM	21.8199	21.8264			N/A
1/22/2019	EURMXN	11:30:00 AM	21.8405	21.8566			N/A
1/22/2019	EURMXN	1:30:00 PM	21.8323	21.8453			N/A
1/22/2019	EURMXN	3:30:00 PM	21.748	21.7603			N/A
1/23/2019	EURMXN	9:30:00 AM	21.7444	21.7637			N/A
1/23/2019	EURMXN	11:30:00 AM					N/A
1/23/2019	EURMXN	1:30:00 PM	21.7089	21.7271			N/A
1/23/2019	EURMXN	3:30:00 PM	21.7403	21.7547			N/A
1/24/2019	EURMXN	9:30:00 AM	21.6831	21.7021			N/A
1/24/2019	EURMXN	11:30:00 AM	21.6257	21.6426			N/A
1/24/2019	EURMXN	1:30:00 PM	21.5955	21.6047			N/A
1/24/2019	EURMXN	3:30:00 PM	21.5981	21.6131			N/A
1/25/2019	EURMXN	9:30:00 AM	21.4798	21.4983			N/A
1/25/2019	EURMXN	11:30:00 AM					N/A
1/25/2019	EURMXN	1:30:00 PM	21.507	21.526			N/A

1/25/2019	EURMXN	3:30:00 PM	21.4624	21.477			N/A
1/28/2019	EURMXN	9:30:00 AM	21.6876	21.698			N/A
1/28/2019	EURMXN	11:30:00 AM	21.715	21.7318			N/A
1/28/2019	EURMXN	1:30:00 PM	21.7296	21.7427			N/A
1/28/2019	EURMXN	3:30:00 PM	21.7258	21.7372			N/A
1/29/2019	EURMXN	9:30:00 AM	21.7636	21.7825			N/A
1/29/2019	EURMXN	11:30:00 AM					N/A
1/29/2019	EURMXN	1:30:00 PM	21.7447	21.7556			N/A
1/29/2019	EURMXN	3:30:00 PM	21.6912	21.7004			N/A
1/30/2019	EURMXN	9:30:00 AM	21.8461	21.8626			N/A
1/30/2019	EURMXN	11:30:00 AM	21.8047	21.8109			N/A
1/30/2019	EURMXN	1:30:00 PM	21.8539	21.8714			N/A
1/30/2019	EURMXN	3:30:00 PM	21.8491	21.8657			N/A
1/31/2019	EURMXN	9:30:00 AM	21.9865	21.9959			N/A
1/31/2019	EURMXN	11:30:00 AM					N/A
1/31/2019	EURMXN	1:30:00 PM	21.9797	21.9904			N/A
1/31/2019	EURMXN	3:30:00 PM	21.8688	21.8704			N/A
2/1/2019	EURMXN	9:30:00 AM	21.9446	21.9623			N/A
2/1/2019	EURMXN	11:30:00 AM	21.8927	21.9088			N/A
2/1/2019	EURMXN	1:30:00 PM	21.9133	21.9255			N/A
2/1/2019	EURMXN	3:30:00 PM	21.9521	21.9207			N/A
2/4/2019	EURMXN	9:30:00 AM	21.8765	21.892			N/A
2/4/2019	EURMXN	11:30:00 AM					N/A
2/4/2019	EURMXN	1:30:00 PM	21.9135	21.9281			N/A
2/4/2019	EURMXN	3:30:00 PM	21.94	21.9546			N/A
2/5/2019	EURMXN	9:30:00 AM	21.7649	21.7817			N/A
2/5/2019	EURMXN	11:30:00 AM	21.7326	21.7446			N/A
2/5/2019	EURMXN	1:30:00 PM	21.7397	21.7585			N/A
2/5/2019	EURMXN	3:30:00 PM	21.7451	21.7594			N/A
2/6/2019	EURMXN	9:30:00 AM	21.7292	21.7396			N/A
2/6/2019	EURMXN	11:30:00 AM					N/A
2/6/2019	EURMXN	1:30:00 PM	21.7439	21.7627			N/A
2/6/2019	EURMXN	3:30:00 PM	21.8027	21.8128			N/A
2/7/2019	EURMXN	9:30:00 AM	21.7264	21.7457			N/A
2/7/2019	EURMXN	11:30:00 AM	21.7085	21.7208			N/A
2/7/2019	EURMXN	1:30:00 PM	21.7226	21.7375			N/A
2/7/2019	EURMXN	3:30:00 PM	21.7021	21.7149			N/A
2/8/2019	EURMXN	9:30:00 AM	21.6485	21.6686			N/A
2/8/2019	EURMXN	11:30:00 AM					N/A
2/8/2019	EURMXN	1:30:00 PM	21.6181	21.6384			N/A
2/8/2019	EURMXN	3:30:00 PM	21.6195	21.6221			N/A
2/11/2019	EURMXN	9:30:00 AM	21.6181	21.6379			N/A
2/11/2019	EURMXN	11:30:00 AM	21.6365	21.6525			N/A
2/11/2019	EURMXN	1:30:00 PM	21.6168	21.6346			N/A
2/11/2019	EURMXN	3:30:00 PM	21.5881	21.6038			N/A
2/12/2019	EURMXN	9:30:00 AM	21.7497	21.7661			N/A
2/12/2019	EURMXN	11:30:00 AM					N/A
2/12/2019	EURMXN	1:30:00 PM	21.7094	21.7269			N/A
2/12/2019	EURMXN	3:30:00 PM	21.715	21.7277			N/A
2/13/2019	EURMXN	9:30:00 AM	21.7767	21.7938			N/A

2/13/2019	EURMXN	11:30:00 AM	21.8031	21.8209			N/A
2/13/2019	EURMXN	1:30:00 PM	21.8451	21.8617			N/A
2/13/2019	EURMXN	3:30:00 PM	21.8829	21.8875			N/A
2/14/2019	EURMXN	9:30:00 AM	21.8605	21.8738			N/A
2/14/2019	EURMXN	11:30:00 AM					N/A
2/14/2019	EURMXN	1:30:00 PM	21.8941	21.9107			N/A
2/14/2019	EURMXN	3:30:00 PM	21.872	21.8641			N/A
2/15/2019	EURMXN	9:30:00 AM					N/A
2/15/2019	EURMXN	11:30:00 AM					N/A
2/15/2019	EURMXN	1:30:00 PM					N/A
2/15/2019	EURMXN	3:30:00 PM					N/A
2/18/2019	EURMXN	9:30:00 AM	21.7504	21.7683			N/A
2/18/2019	EURMXN	11:30:00 AM					N/A
2/18/2019	EURMXN	1:30:00 PM	21.7596	21.7743			N/A
2/18/2019	EURMXN	3:30:00 PM	21.818	21.8327			N/A
2/19/2019	EURMXN	9:30:00 AM	21.7652	21.7841			N/A
2/19/2019	EURMXN	11:30:00 AM	21.8039	21.818			N/A
2/19/2019	EURMXN	1:30:00 PM	21.7297	21.7395			N/A
2/19/2019	EURMXN	3:30:00 PM	21.6794	21.6952			N/A
2/20/2019	EURMXN	9:30:00 AM	21.7032	21.7201			N/A
2/20/2019	EURMXN	11:30:00 AM					N/A
2/20/2019	EURMXN	1:30:00 PM	21.7327	21.747			N/A
2/20/2019	EURMXN	3:30:00 PM	21.7297	21.7371			N/A
2/21/2019	EURMXN	9:30:00 AM	21.8279	21.8396			N/A
2/21/2019	EURMXN	11:30:00 AM	21.7911	21.8086			N/A
2/21/2019	EURMXN	1:30:00 PM	21.7678	21.786			N/A
2/21/2019	EURMXN	3:30:00 PM	21.8409	21.8378			N/A
2/22/2019	EURMXN	9:30:00 AM	21.8454	21.8627			N/A
2/22/2019	EURMXN	11:30:00 AM					N/A
2/22/2019	EURMXN	1:30:00 PM	21.8165	21.8358			N/A
2/22/2019	EURMXN	3:30:00 PM	21.7573	21.7761			N/A
2/25/2019	EURMXN	9:30:00 AM	21.688	21.7056			N/A
2/25/2019	EURMXN	11:30:00 AM	21.6742	21.6927			N/A
2/25/2019	EURMXN	1:30:00 PM	21.6399	21.6592			N/A
2/25/2019	EURMXN	3:30:00 PM	21.6611	21.6783			N/A
2/26/2019	EURMXN	9:30:00 AM	21.7545	21.7708			N/A
2/26/2019	EURMXN	11:30:00 AM					N/A
2/26/2019	EURMXN	1:30:00 PM	21.724	21.7444			N/A
2/26/2019	EURMXN	3:30:00 PM	21.713	21.7249			N/A
2/27/2019	EURMXN	9:30:00 AM	21.8221	21.8396			N/A
2/27/2019	EURMXN	11:30:00 AM	21.8238	21.84			N/A
2/27/2019	EURMXN	1:30:00 PM	21.8516	21.8703			N/A
2/27/2019	EURMXN	3:30:00 PM	21.8022	21.815			N/A
2/28/2019	EURMXN	9:30:00 AM	21.827	21.8429			N/A
2/28/2019	EURMXN	11:30:00 AM					N/A
2/28/2019	EURMXN	1:30:00 PM	21.8746	21.8921			N/A
2/28/2019	EURMXN	3:30:00 PM	21.8756	21.8701			N/A
3/1/2019	EURMXN	9:30:00 AM	21.9153	21.9348			N/A
3/1/2019	EURMXN	11:30:00 AM	21.894	21.9134			N/A
3/1/2019	EURMXN	1:30:00 PM	21.9046	21.9213			N/A

3/1/2019	EURMXN	3:30:00 PM	21.9861	22.0017			N/A
3/4/2019	EURMXN	9:30:00 AM	21.9185	21.9384			N/A
3/4/2019	EURMXN	11:30:00 AM					N/A
3/4/2019	EURMXN	1:30:00 PM	21.9416	21.9595			N/A
3/4/2019	EURMXN	3:30:00 PM	21.9227	21.9382			N/A
3/5/2019	EURMXN	9:30:00 AM	21.842	21.8604			N/A
3/5/2019	EURMXN	11:30:00 AM	21.8479	21.8608			N/A
3/5/2019	EURMXN	1:30:00 PM	21.8124	21.8313			N/A
3/5/2019	EURMXN	3:30:00 PM	21.8377	21.8499			N/A
3/6/2019	EURMXN	9:30:00 AM	21.7756	21.7888			N/A
3/6/2019	EURMXN	11:30:00 AM					N/A
3/6/2019	EURMXN	1:30:00 PM	21.7697	21.788			N/A
3/6/2019	EURMXN	3:30:00 PM	21.8102	21.8089			N/A
3/7/2019	EURMXN	9:30:00 AM	21.8635	21.8811			N/A
3/7/2019	EURMXN	11:30:00 AM	21.8972	21.9139			N/A
3/7/2019	EURMXN	1:30:00 PM	21.9334	21.95			N/A
3/7/2019	EURMXN	3:30:00 PM	21.8194	21.8304			N/A
3/8/2019	EURMXN	9:30:00 AM	21.9451	21.9587			N/A
3/8/2019	EURMXN	11:30:00 AM					N/A
3/8/2019	EURMXN	1:30:00 PM	21.9269	21.944			N/A
3/8/2019	EURMXN	3:30:00 PM	21.9808	21.9821			N/A
3/11/2019	EURMXN	9:30:00 AM	21.9125	21.929			N/A
3/11/2019	EURMXN	11:30:00 AM	21.9142	21.9318			N/A
3/11/2019	EURMXN	1:30:00 PM	21.9006	21.9127			N/A
3/11/2019	EURMXN	3:30:00 PM	21.822	21.8333			N/A
3/12/2019	EURMXN	9:30:00 AM	21.7978	21.8144			N/A
3/12/2019	EURMXN	11:30:00 AM					N/A
3/12/2019	EURMXN	1:30:00 PM	21.8357	21.8545			N/A
3/12/2019	EURMXN	3:30:00 PM	21.7682	21.773			N/A
3/13/2019	EURMXN	9:30:00 AM	21.8292	21.8461			N/A
3/13/2019	EURMXN	11:30:00 AM	21.8113	21.8288			N/A
3/13/2019	EURMXN	1:30:00 PM	21.7925	21.8034			N/A
3/13/2019	EURMXN	3:30:00 PM	21.7851	21.7996			N/A
3/14/2019	EURMXN	9:30:00 AM	21.8645	21.8794			N/A
3/14/2019	EURMXN	11:30:00 AM					N/A
3/14/2019	EURMXN	1:30:00 PM	21.815	21.8179			N/A
3/14/2019	EURMXN	3:30:00 PM	21.8716	21.8827			N/A
3/15/2019	EURMXN	9:30:00 AM	21.8415	21.8589			N/A
3/15/2019	EURMXN	11:30:00 AM	21.8139	21.8332			N/A
3/15/2019	EURMXN	1:30:00 PM	21.7881	21.8017			N/A
3/15/2019	EURMXN	3:30:00 PM	21.7326	21.7413			N/A
3/18/2019	EURMXN	9:30:00 AM	21.7587	21.7776			N/A
3/18/2019	EURMXN	11:30:00 AM					N/A
3/18/2019	EURMXN	1:30:00 PM	21.7572	21.7703			N/A
3/18/2019	EURMXN	3:30:00 PM	21.7251	21.7413			N/A
3/19/2019	EURMXN	9:30:00 AM	21.6385	21.6572			N/A
3/19/2019	EURMXN	11:30:00 AM	21.6085	21.6274			N/A
3/19/2019	EURMXN	1:30:00 PM	21.6017	21.6214			N/A
3/19/2019	EURMXN	3:30:00 PM	21.5793	21.5972			N/A
3/20/2019	EURMXN	9:30:00 AM	21.5612	21.5751			N/A

3/20/2019	EURMXN	11:30:00 AM					N/A
3/20/2019	EURMXN	1:30:00 PM	21.5524	21.5668			N/A
3/20/2019	EURMXN	3:30:00 PM	21.4977	21.5142			N/A
3/21/2019	EURMXN	9:30:00 AM	21.4597	21.4792			N/A
3/21/2019	EURMXN	11:30:00 AM	21.4278	21.4449			N/A
3/21/2019	EURMXN	1:30:00 PM	21.4174	21.4324			N/A
3/21/2019	EURMXN	3:30:00 PM	21.4168	21.4289			N/A
3/22/2019	EURMXN	9:30:00 AM	21.4473	21.4659			N/A
3/22/2019	EURMXN	11:30:00 AM					N/A
3/22/2019	EURMXN	1:30:00 PM	21.4582	21.4688			N/A
3/22/2019	EURMXN	3:30:00 PM	21.4448	21.4603			N/A
3/25/2019	EURMXN	9:30:00 AM	21.6344	21.6442			N/A
3/25/2019	EURMXN	11:30:00 AM	21.6017	21.6165			N/A
3/25/2019	EURMXN	1:30:00 PM	21.6197	21.6291			N/A
3/25/2019	EURMXN	3:30:00 PM	21.613	21.6248			N/A
3/26/2019	EURMXN	9:30:00 AM	21.5169	21.5357			N/A
3/26/2019	EURMXN	11:30:00 AM					N/A
3/26/2019	EURMXN	1:30:00 PM	21.4987	21.5126			N/A
3/26/2019	EURMXN	3:30:00 PM	21.4957	21.5067			N/A
3/27/2019	EURMXN	9:30:00 AM	21.5431	21.5584			N/A
3/27/2019	EURMXN	11:30:00 AM	21.5969	21.6147			N/A
3/27/2019	EURMXN	1:30:00 PM	21.7489	21.7496			N/A
3/27/2019	EURMXN	3:30:00 PM	21.6813	21.6939			N/A
3/28/2019	EURMXN	9:30:00 AM	21.7927	21.8105			N/A
3/28/2019	EURMXN	11:30:00 AM					N/A
3/28/2019	EURMXN	1:30:00 PM	21.8223	21.8357			N/A
3/28/2019	EURMXN	3:30:00 PM	21.7749	21.781			N/A
3/29/2019	EURMXN	9:30:00 AM	21.7108	21.7301			N/A
3/29/2019	EURMXN	11:30:00 AM	21.6804	21.6984			N/A
3/29/2019	EURMXN	1:30:00 PM	21.6631	21.6811			N/A
3/29/2019	EURMXN	3:30:00 PM	21.7186	21.7338			N/A
1/1/2019	EURNOK	9:30:00 AM					N/A
1/1/2019	EURNOK	11:30:00 AM					N/A
1/1/2019	EURNOK	1:30:00 PM					N/A
1/1/2019	EURNOK	3:30:00 PM					N/A
1/2/2019	EURNOK	9:30:00 AM					N/A
1/2/2019	EURNOK	11:30:00 AM					N/A
1/2/2019	EURNOK	1:30:00 PM					N/A
1/2/2019	EURNOK	3:30:00 PM					N/A
1/3/2019	EURNOK	9:30:00 AM					N/A
1/3/2019	EURNOK	11:30:00 AM					N/A
1/3/2019	EURNOK	1:30:00 PM					N/A
1/3/2019	EURNOK	3:30:00 PM					N/A
1/4/2019	EURNOK	9:30:00 AM					N/A
1/4/2019	EURNOK	11:30:00 AM					N/A
1/4/2019	EURNOK	1:30:00 PM					N/A
1/4/2019	EURNOK	3:30:00 PM					N/A
1/7/2019	EURNOK	9:30:00 AM	9.8042	9.815			N/A
1/7/2019	EURNOK	11:30:00 AM					N/A
1/7/2019	EURNOK	1:30:00 PM	9.8128	9.8225			N/A

1/7/2019	EURNOK	3:30:00 PM	9.7993	9.8106			N/A
1/8/2019	EURNOK	9:30:00 AM	9.7764	9.7891			N/A
1/8/2019	EURNOK	11:30:00 AM	9.777	9.7893			N/A
1/8/2019	EURNOK	1:30:00 PM	9.7662	9.7786			N/A
1/8/2019	EURNOK	3:30:00 PM	9.7667	9.7792			N/A
1/9/2019	EURNOK	9:30:00 AM	9.7747	9.784			N/A
1/9/2019	EURNOK	11:30:00 AM					N/A
1/9/2019	EURNOK	1:30:00 PM	9.7702	9.7789			N/A
1/9/2019	EURNOK	3:30:00 PM	9.7573	9.7698			N/A
1/10/2019	EURNOK	9:30:00 AM	9.7775	9.7887			N/A
1/10/2019	EURNOK	11:30:00 AM	9.7627	9.7745			N/A
1/10/2019	EURNOK	1:30:00 PM	9.7576	9.7691			N/A
1/10/2019	EURNOK	3:30:00 PM	9.7425	9.7544			N/A
1/11/2019	EURNOK	9:30:00 AM	9.7493	9.762			N/A
1/11/2019	EURNOK	11:30:00 AM					N/A
1/11/2019	EURNOK	1:30:00 PM	9.7451	9.7575			N/A
1/11/2019	EURNOK	3:30:00 PM	9.7507	9.7616			N/A
1/14/2019	EURNOK	9:30:00 AM	9.8104	9.8203			N/A
1/14/2019	EURNOK	11:30:00 AM	9.7973	9.8074			N/A
1/14/2019	EURNOK	1:30:00 PM	9.7909	9.802			N/A
1/14/2019	EURNOK	3:30:00 PM	9.7805	9.7929			N/A
1/15/2019	EURNOK	9:30:00 AM	9.7827	9.7945			N/A
1/15/2019	EURNOK	11:30:00 AM					N/A
1/15/2019	EURNOK	1:30:00 PM	9.7574	9.7681			N/A
1/15/2019	EURNOK	3:30:00 PM	9.7524	9.7633			N/A
1/16/2019	EURNOK	9:30:00 AM	9.7288	9.7412			N/A
1/16/2019	EURNOK	11:30:00 AM	9.7313	9.7439			N/A
1/16/2019	EURNOK	1:30:00 PM	9.7262	9.737			N/A
1/16/2019	EURNOK	3:30:00 PM	9.7366	9.7486			N/A
1/17/2019	EURNOK	9:30:00 AM	9.7449	9.7547			N/A
1/17/2019	EURNOK	11:30:00 AM					N/A
1/17/2019	EURNOK	1:30:00 PM	9.7537	9.7657			N/A
1/17/2019	EURNOK	3:30:00 PM	9.7508	9.7604			N/A
1/18/2019	EURNOK	9:30:00 AM	9.7247	9.7362			N/A
1/18/2019	EURNOK	11:30:00 AM	9.7191	9.731			N/A
1/18/2019	EURNOK	1:30:00 PM	9.7231	9.7349			N/A
1/18/2019	EURNOK	3:30:00 PM	9.7162	9.7261			N/A
1/21/2019	EURNOK	9:30:00 AM	9.7283	9.7402			N/A
1/21/2019	EURNOK	11:30:00 AM					N/A
1/21/2019	EURNOK	1:30:00 PM	9.7321	9.743			N/A
1/21/2019	EURNOK	3:30:00 PM	9.741	9.7525			N/A
1/22/2019	EURNOK	9:30:00 AM	9.7507	9.7613			N/A
1/22/2019	EURNOK	11:30:00 AM	9.75	9.7622			N/A
1/22/2019	EURNOK	1:30:00 PM	9.7585	9.771			N/A
1/22/2019	EURNOK	3:30:00 PM	9.7579	9.7682			N/A
1/23/2019	EURNOK	9:30:00 AM	9.7517	9.7632			N/A
1/23/2019	EURNOK	11:30:00 AM					N/A
1/23/2019	EURNOK	1:30:00 PM	9.7602	9.7722			N/A
1/23/2019	EURNOK	3:30:00 PM	9.7495	9.7611			N/A
1/24/2019	EURNOK	9:30:00 AM	9.7453	9.7569			N/A

1/24/2019	EURNOK	11:30:00 AM	9.7126	9.7232			N/A
1/24/2019	EURNOK	1:30:00 PM	9.7144	9.7258			N/A
1/24/2019	EURNOK	3:30:00 PM	9.7256	9.7367			N/A
1/25/2019	EURNOK	9:30:00 AM	9.6892	9.7004			N/A
1/25/2019	EURNOK	11:30:00 AM					N/A
1/25/2019	EURNOK	1:30:00 PM	9.7002	9.712			N/A
1/25/2019	EURNOK	3:30:00 PM	9.7025	9.7138			N/A
1/28/2019	EURNOK	9:30:00 AM	9.7058	9.7181			N/A
1/28/2019	EURNOK	11:30:00 AM	9.7171	9.7271			N/A
1/28/2019	EURNOK	1:30:00 PM	9.7192	9.732			N/A
1/28/2019	EURNOK	3:30:00 PM	9.7281	9.7403			N/A
1/29/2019	EURNOK	9:30:00 AM	9.7133	9.7234			N/A
1/29/2019	EURNOK	11:30:00 AM					N/A
1/29/2019	EURNOK	1:30:00 PM	9.7071	9.7181			N/A
1/29/2019	EURNOK	3:30:00 PM	9.6991	9.711			N/A
1/30/2019	EURNOK	9:30:00 AM	9.7048	9.7173			N/A
1/30/2019	EURNOK	11:30:00 AM	9.7126	9.7238			N/A
1/30/2019	EURNOK	1:30:00 PM	9.7005	9.712			N/A
1/30/2019	EURNOK	3:30:00 PM	9.6906	9.702			N/A
1/31/2019	EURNOK	9:30:00 AM	9.6713	9.6812			N/A
1/31/2019	EURNOK	11:30:00 AM					N/A
1/31/2019	EURNOK	1:30:00 PM	9.652	9.6636			N/A
1/31/2019	EURNOK	3:30:00 PM	9.6577	9.6673			N/A
2/1/2019	EURNOK	9:30:00 AM	9.6628	9.6719			N/A
2/1/2019	EURNOK	11:30:00 AM	9.6633	9.6732			N/A
2/1/2019	EURNOK	1:30:00 PM	9.6626	9.6742			N/A
2/1/2019	EURNOK	3:30:00 PM	9.6571	9.6671			N/A
2/4/2019	EURNOK	9:30:00 AM	9.6595	9.6712			N/A
2/4/2019	EURNOK	11:30:00 AM					N/A
2/4/2019	EURNOK	1:30:00 PM	9.6852	9.6956			N/A
2/4/2019	EURNOK	3:30:00 PM	9.6996	9.7084			N/A
2/5/2019	EURNOK	9:30:00 AM	9.6663	9.6771			N/A
2/5/2019	EURNOK	11:30:00 AM	9.6657	9.6755			N/A
2/5/2019	EURNOK	1:30:00 PM	9.6653	9.6747			N/A
2/5/2019	EURNOK	3:30:00 PM	9.6716	9.6806			N/A
2/6/2019	EURNOK	9:30:00 AM	9.6695	9.6801			N/A
2/6/2019	EURNOK	11:30:00 AM					N/A
2/6/2019	EURNOK	1:30:00 PM	9.6903	9.7015			N/A
2/6/2019	EURNOK	3:30:00 PM	9.6901	9.7004			N/A
2/7/2019	EURNOK	9:30:00 AM	9.7104	9.722			N/A
2/7/2019	EURNOK	11:30:00 AM	9.7173	9.7294			N/A
2/7/2019	EURNOK	1:30:00 PM	9.7229	9.7343			N/A
2/7/2019	EURNOK	3:30:00 PM	9.7225	9.7327			N/A
2/8/2019	EURNOK	9:30:00 AM	9.7431	9.7533			N/A
2/8/2019	EURNOK	11:30:00 AM					N/A
2/8/2019	EURNOK	1:30:00 PM	9.7595	9.772			N/A
2/8/2019	EURNOK	3:30:00 PM	9.763	9.7688			N/A
2/11/2019	EURNOK	9:30:00 AM	9.8298	9.8406			N/A
2/11/2019	EURNOK	11:30:00 AM	9.8181	9.8286			N/A
2/11/2019	EURNOK	1:30:00 PM	9.8085	9.8209			N/A

2/11/2019	EURNOK	3:30:00 PM	9.8123	9.8229			N/A
2/12/2019	EURNOK	9:30:00 AM	9.8079	9.8168			N/A
2/12/2019	EURNOK	11:30:00 AM					N/A
2/12/2019	EURNOK	1:30:00 PM	9.7932	9.8035			N/A
2/12/2019	EURNOK	3:30:00 PM	9.792	9.8018			N/A
2/13/2019	EURNOK	9:30:00 AM	9.7681	9.7789			N/A
2/13/2019	EURNOK	11:30:00 AM	9.7646	9.7752			N/A
2/13/2019	EURNOK	1:30:00 PM	9.7634	9.7745			N/A
2/13/2019	EURNOK	3:30:00 PM	9.7563	9.7656			N/A
2/14/2019	EURNOK	9:30:00 AM	9.7356	9.7447			N/A
2/14/2019	EURNOK	11:30:00 AM					N/A
2/14/2019	EURNOK	1:30:00 PM	9.7555	9.766			N/A
2/14/2019	EURNOK	3:30:00 PM	9.7591	9.7699			N/A
2/15/2019	EURNOK	9:30:00 AM					N/A
2/15/2019	EURNOK	11:30:00 AM					N/A
2/15/2019	EURNOK	1:30:00 PM					N/A
2/15/2019	EURNOK	3:30:00 PM					N/A
2/18/2019	EURNOK	9:30:00 AM	9.7455	9.7567			N/A
2/18/2019	EURNOK	11:30:00 AM					N/A
2/18/2019	EURNOK	1:30:00 PM	9.7512	9.7618			N/A
2/18/2019	EURNOK	3:30:00 PM	9.747	9.7587			N/A
2/19/2019	EURNOK	9:30:00 AM	9.7306	9.7418			N/A
2/19/2019	EURNOK	11:30:00 AM	9.7464	9.7579			N/A
2/19/2019	EURNOK	1:30:00 PM	9.7356	9.7448			N/A
2/19/2019	EURNOK	3:30:00 PM	9.7356	9.747			N/A
2/20/2019	EURNOK	9:30:00 AM	9.7186	9.7298			N/A
2/20/2019	EURNOK	11:30:00 AM					N/A
2/20/2019	EURNOK	1:30:00 PM	9.7262	9.7386			N/A
2/20/2019	EURNOK	3:30:00 PM	9.7341	9.7433			N/A
2/21/2019	EURNOK	9:30:00 AM	9.7548	9.7636			N/A
2/21/2019	EURNOK	11:30:00 AM	9.7785	9.789			N/A
2/21/2019	EURNOK	1:30:00 PM	9.7696	9.7807			N/A
2/21/2019	EURNOK	3:30:00 PM	9.7788	9.7893			N/A
2/22/2019	EURNOK	9:30:00 AM	9.7687	9.7797			N/A
2/22/2019	EURNOK	11:30:00 AM					N/A
2/22/2019	EURNOK	1:30:00 PM	9.7676	9.7801			N/A
2/22/2019	EURNOK	3:30:00 PM	9.7598	9.7704			N/A
2/25/2019	EURNOK	9:30:00 AM	9.7419	9.7533			N/A
2/25/2019	EURNOK	11:30:00 AM	9.7391	9.7511			N/A
2/25/2019	EURNOK	1:30:00 PM	9.7332	9.7458			N/A
2/25/2019	EURNOK	3:30:00 PM	9.759	9.7691			N/A
2/26/2019	EURNOK	9:30:00 AM	9.7733	9.7832			N/A
2/26/2019	EURNOK	11:30:00 AM					N/A
2/26/2019	EURNOK	1:30:00 PM	9.7778	9.7893			N/A
2/26/2019	EURNOK	3:30:00 PM	9.7635	9.7754			N/A
2/27/2019	EURNOK	9:30:00 AM	9.7354	9.747			N/A
2/27/2019	EURNOK	11:30:00 AM	9.7304	9.7416			N/A
2/27/2019	EURNOK	1:30:00 PM	9.713	9.7252			N/A
2/27/2019	EURNOK	3:30:00 PM	9.707	9.7182			N/A
2/28/2019	EURNOK	9:30:00 AM	9.7298	9.7398			N/A

2/28/2019	EURNOK	11:30:00 AM					N/A
2/28/2019	EURNOK	1:30:00 PM	9.7241	9.7353			N/A
2/28/2019	EURNOK	3:30:00 PM	9.7203	9.7307			N/A
3/1/2019	EURNOK	9:30:00 AM	9.7247	9.7317			N/A
3/1/2019	EURNOK	11:30:00 AM	9.7243	9.7359			N/A
3/1/2019	EURNOK	1:30:00 PM	9.7219	9.7342			N/A
3/1/2019	EURNOK	3:30:00 PM	9.7292	9.7395			N/A
3/4/2019	EURNOK	9:30:00 AM	9.7482	9.7602			N/A
3/4/2019	EURNOK	11:30:00 AM					N/A
3/4/2019	EURNOK	1:30:00 PM	9.7544	9.7666			N/A
3/4/2019	EURNOK	3:30:00 PM	9.7579	9.7704			N/A
3/5/2019	EURNOK	9:30:00 AM	9.8148	9.8246			N/A
3/5/2019	EURNOK	11:30:00 AM	9.8042	9.8147			N/A
3/5/2019	EURNOK	1:30:00 PM	9.7993	9.81			N/A
3/5/2019	EURNOK	3:30:00 PM	9.7977	9.8081			N/A
3/6/2019	EURNOK	9:30:00 AM	9.8021	9.8136			N/A
3/6/2019	EURNOK	11:30:00 AM					N/A
3/6/2019	EURNOK	1:30:00 PM	9.8136	9.825			N/A
3/6/2019	EURNOK	3:30:00 PM	9.809	9.8195			N/A
3/7/2019	EURNOK	9:30:00 AM	9.7891	9.8016			N/A
3/7/2019	EURNOK	11:30:00 AM	9.7911	9.8031			N/A
3/7/2019	EURNOK	1:30:00 PM	9.799	9.8101			N/A
3/7/2019	EURNOK	3:30:00 PM	9.786	9.7974			N/A
3/8/2019	EURNOK	9:30:00 AM	9.8618	9.8731			N/A
3/8/2019	EURNOK	11:30:00 AM					N/A
3/8/2019	EURNOK	1:30:00 PM	9.8564	9.8673			N/A
3/8/2019	EURNOK	3:30:00 PM	9.8662	9.8715			N/A
3/11/2019	EURNOK	9:30:00 AM	9.7754	9.7853			N/A
3/11/2019	EURNOK	11:30:00 AM	9.7757	9.7862			N/A
3/11/2019	EURNOK	1:30:00 PM	9.7612	9.7726			N/A
3/11/2019	EURNOK	3:30:00 PM	9.7619	9.7726			N/A
3/12/2019	EURNOK	9:30:00 AM	9.7421	9.754			N/A
3/12/2019	EURNOK	11:30:00 AM					N/A
3/12/2019	EURNOK	1:30:00 PM	9.7439	9.7546			N/A
3/12/2019	EURNOK	3:30:00 PM	9.7342	9.7458			N/A
3/13/2019	EURNOK	9:30:00 AM	9.7402	9.7524			N/A
3/13/2019	EURNOK	11:30:00 AM	9.7213	9.7334			N/A
3/13/2019	EURNOK	1:30:00 PM	9.7197	9.7313			N/A
3/13/2019	EURNOK	3:30:00 PM	9.7161	9.7277			N/A
3/14/2019	EURNOK	9:30:00 AM	9.6992	9.7113			N/A
3/14/2019	EURNOK	11:30:00 AM					N/A
3/14/2019	EURNOK	1:30:00 PM	9.7227	9.733			N/A
3/14/2019	EURNOK	3:30:00 PM	9.7067	9.7177			N/A
3/15/2019	EURNOK	9:30:00 AM	9.6806	9.6924			N/A
3/15/2019	EURNOK	11:30:00 AM	9.6852	9.6971			N/A
3/15/2019	EURNOK	1:30:00 PM	9.6668	9.6784			N/A
3/15/2019	EURNOK	3:30:00 PM	9.6842	9.694			N/A
3/18/2019	EURNOK	9:30:00 AM	9.6535	9.6656			N/A
3/18/2019	EURNOK	11:30:00 AM					N/A
3/18/2019	EURNOK	1:30:00 PM	9.667	9.6769			N/A

3/18/2019	EURNOK	3:30:00 PM	9.6699	9.6804			N/A
3/19/2019	EURNOK	9:30:00 AM	9.7021	9.7115			N/A
3/19/2019	EURNOK	11:30:00 AM	9.6974	9.7083			N/A
3/19/2019	EURNOK	1:30:00 PM	9.6796	9.6913			N/A
3/19/2019	EURNOK	3:30:00 PM	9.6675	9.6772			N/A
3/20/2019	EURNOK	9:30:00 AM	9.6822	9.6942			N/A
3/20/2019	EURNOK	11:30:00 AM					N/A
3/20/2019	EURNOK	1:30:00 PM	9.6834	9.6953			N/A
3/20/2019	EURNOK	3:30:00 PM	9.6857	9.6973			N/A
3/21/2019	EURNOK	9:30:00 AM	9.6899	9.7013			N/A
3/21/2019	EURNOK	11:30:00 AM	9.6018	9.6128			N/A
3/21/2019	EURNOK	1:30:00 PM	9.6159	9.6269			N/A
3/21/2019	EURNOK	3:30:00 PM	9.6081	9.6169			N/A
3/22/2019	EURNOK	9:30:00 AM	9.6059	9.6172			N/A
3/22/2019	EURNOK	11:30:00 AM					N/A
3/22/2019	EURNOK	1:30:00 PM	9.6339	9.6448			N/A
3/22/2019	EURNOK	3:30:00 PM	9.6349	9.6467			N/A
3/25/2019	EURNOK	9:30:00 AM	9.6624	9.6722			N/A
3/25/2019	EURNOK	11:30:00 AM	9.6421	9.6527			N/A
3/25/2019	EURNOK	1:30:00 PM	9.6499	9.6607			N/A
3/25/2019	EURNOK	3:30:00 PM	9.6596	9.6701			N/A
3/26/2019	EURNOK	9:30:00 AM	9.6497	9.6617			N/A
3/26/2019	EURNOK	11:30:00 AM					N/A
3/26/2019	EURNOK	1:30:00 PM	9.6413	9.6529			N/A
3/26/2019	EURNOK	3:30:00 PM	9.632	9.642			N/A
3/27/2019	EURNOK	9:30:00 AM	9.6441	9.6558			N/A
3/27/2019	EURNOK	11:30:00 AM	9.6563	9.6669			N/A
3/27/2019	EURNOK	1:30:00 PM	9.6781	9.6867			N/A
3/27/2019	EURNOK	3:30:00 PM	9.6831	9.6921			N/A
3/28/2019	EURNOK	9:30:00 AM	9.7093	9.7205			N/A
3/28/2019	EURNOK	11:30:00 AM					N/A
3/28/2019	EURNOK	1:30:00 PM	9.7315	9.7412			N/A
3/28/2019	EURNOK	3:30:00 PM	9.7296	9.7393			N/A
3/29/2019	EURNOK	9:30:00 AM	9.6852	9.6975			N/A
3/29/2019	EURNOK	11:30:00 AM	9.6922	9.7038			N/A
3/29/2019	EURNOK	1:30:00 PM	9.6792	9.6911			N/A
3/29/2019	EURNOK	3:30:00 PM	9.6587	9.6699			N/A
1/1/2019	EURNZD	9:30:00 AM					N/A
1/1/2019	EURNZD	11:30:00 AM					N/A
1/1/2019	EURNZD	1:30:00 PM					N/A
1/1/2019	EURNZD	3:30:00 PM					N/A
1/2/2019	EURNZD	9:30:00 AM					N/A
1/2/2019	EURNZD	11:30:00 AM					N/A
1/2/2019	EURNZD	1:30:00 PM					N/A
1/2/2019	EURNZD	3:30:00 PM					N/A
1/3/2019	EURNZD	9:30:00 AM					N/A
1/3/2019	EURNZD	11:30:00 AM					N/A
1/3/2019	EURNZD	1:30:00 PM					N/A
1/3/2019	EURNZD	3:30:00 PM					N/A
1/4/2019	EURNZD	9:30:00 AM					N/A

1/4/2019	EURNZD	11:30:00 AM					N/A
1/4/2019	EURNZD	1:30:00 PM					N/A
1/4/2019	EURNZD	3:30:00 PM					N/A
1/7/2019	EURNZD	9:30:00 AM	1.69172	1.69211			N/A
1/7/2019	EURNZD	11:30:00 AM					N/A
1/7/2019	EURNZD	1:30:00 PM	1.6924	1.69318			N/A
1/7/2019	EURNZD	3:30:00 PM	1.69241	1.69315			N/A
1/8/2019	EURNZD	9:30:00 AM	1.69808	1.69862			N/A
1/8/2019	EURNZD	11:30:00 AM	1.69907	1.69966			N/A
1/8/2019	EURNZD	1:30:00 PM	1.69956	1.70019			N/A
1/8/2019	EURNZD	3:30:00 PM	1.70222	1.70267			N/A
1/9/2019	EURNZD	9:30:00 AM	1.69647	1.69722			N/A
1/9/2019	EURNZD	11:30:00 AM					N/A
1/9/2019	EURNZD	1:30:00 PM	1.68959	1.6897			N/A
1/9/2019	EURNZD	3:30:00 PM	1.68878	1.68952			N/A
1/10/2019	EURNZD	9:30:00 AM	1.70198	1.7025			N/A
1/10/2019	EURNZD	11:30:00 AM	1.69954	1.70006			N/A
1/10/2019	EURNZD	1:30:00 PM	1.70005	1.70064			N/A
1/10/2019	EURNZD	3:30:00 PM	1.69855	1.69883			N/A
1/11/2019	EURNZD	9:30:00 AM	1.68859	1.6893			N/A
1/11/2019	EURNZD	11:30:00 AM					N/A
1/11/2019	EURNZD	1:30:00 PM	1.6858	1.6864			N/A
1/11/2019	EURNZD	3:30:00 PM	1.68671	1.68707			N/A
1/14/2019	EURNZD	9:30:00 AM	1.68566	1.68641			N/A
1/14/2019	EURNZD	11:30:00 AM	1.68405	1.68451			N/A
1/14/2019	EURNZD	1:30:00 PM	1.68143	1.68201			N/A
1/14/2019	EURNZD	3:30:00 PM	1.6806	1.68098			N/A
1/15/2019	EURNZD	9:30:00 AM	1.67717	1.67775			N/A
1/15/2019	EURNZD	11:30:00 AM					N/A
1/15/2019	EURNZD	1:30:00 PM	1.67472	1.67532			N/A
1/15/2019	EURNZD	3:30:00 PM	1.67586	1.67617			N/A
1/16/2019	EURNZD	9:30:00 AM	1.67071	1.67125			N/A
1/16/2019	EURNZD	11:30:00 AM	1.67817	1.67886			N/A
1/16/2019	EURNZD	1:30:00 PM	1.68473	1.685			N/A
1/16/2019	EURNZD	3:30:00 PM	1.68207	1.68272			N/A
1/17/2019	EURNZD	9:30:00 AM	1.68936	1.68953			N/A
1/17/2019	EURNZD	11:30:00 AM					N/A
1/17/2019	EURNZD	1:30:00 PM	1.69193	1.69247			N/A
1/17/2019	EURNZD	3:30:00 PM	1.69024	1.68959			N/A
1/18/2019	EURNZD	9:30:00 AM	1.68381	1.68456			N/A
1/18/2019	EURNZD	11:30:00 AM	1.68691	1.68752			N/A
1/18/2019	EURNZD	1:30:00 PM	1.68503	1.68559			N/A
1/18/2019	EURNZD	3:30:00 PM	1.68378	1.68428			N/A
1/21/2019	EURNZD	9:30:00 AM	1.69102	1.69135			N/A
1/21/2019	EURNZD	11:30:00 AM					N/A
1/21/2019	EURNZD	1:30:00 PM	1.68988	1.69055			N/A
1/21/2019	EURNZD	3:30:00 PM	1.69015	1.69086			N/A
1/22/2019	EURNZD	9:30:00 AM	1.69026	1.69028			N/A
1/22/2019	EURNZD	11:30:00 AM	1.69236	1.69315			N/A
1/22/2019	EURNZD	1:30:00 PM	1.69257	1.69326			N/A

1/22/2019	EURNZD	3:30:00 PM	1.68896	1.68954			N/A
1/23/2019	EURNZD	9:30:00 AM	1.67519	1.67597			N/A
1/23/2019	EURNZD	11:30:00 AM					N/A
1/23/2019	EURNZD	1:30:00 PM	1.67245	1.67314			N/A
1/23/2019	EURNZD	3:30:00 PM	1.67493	1.67549			N/A
1/24/2019	EURNZD	9:30:00 AM	1.67889	1.67963			N/A
1/24/2019	EURNZD	11:30:00 AM	1.67534	1.67566			N/A
1/24/2019	EURNZD	1:30:00 PM	1.67576	1.67567			N/A
1/24/2019	EURNZD	3:30:00 PM	1.67274	1.67328			N/A
1/25/2019	EURNZD	9:30:00 AM	1.67148	1.67172			N/A
1/25/2019	EURNZD	11:30:00 AM					N/A
1/25/2019	EURNZD	1:30:00 PM	1.67406	1.67473			N/A
1/25/2019	EURNZD	3:30:00 PM	1.67075	1.67146			N/A
1/28/2019	EURNZD	9:30:00 AM	1.66374	1.66446			N/A
1/28/2019	EURNZD	11:30:00 AM	1.66506	1.66562			N/A
1/28/2019	EURNZD	1:30:00 PM	1.66695	1.66758			N/A
1/28/2019	EURNZD	3:30:00 PM	1.66876	1.66958			N/A
1/29/2019	EURNZD	9:30:00 AM	1.66972	1.67036			N/A
1/29/2019	EURNZD	11:30:00 AM					N/A
1/29/2019	EURNZD	1:30:00 PM	1.67057	1.67115			N/A
1/29/2019	EURNZD	3:30:00 PM	1.66884	1.6696			N/A
1/30/2019	EURNZD	9:30:00 AM	1.66924	1.66995			N/A
1/30/2019	EURNZD	11:30:00 AM	1.67095	1.67184			N/A
1/30/2019	EURNZD	1:30:00 PM	1.67018	1.67106			N/A
1/30/2019	EURNZD	3:30:00 PM	1.67323	1.67393			N/A
1/31/2019	EURNZD	9:30:00 AM	1.66415	1.6643			N/A
1/31/2019	EURNZD	11:30:00 AM					N/A
1/31/2019	EURNZD	1:30:00 PM	1.66082	1.66149			N/A
1/31/2019	EURNZD	3:30:00 PM	1.65914	1.65934			N/A
2/1/2019	EURNZD	9:30:00 AM	1.65646	1.65726			N/A
2/1/2019	EURNZD	11:30:00 AM	1.65644	1.65713			N/A
2/1/2019	EURNZD	1:30:00 PM	1.65657	1.65747			N/A
2/1/2019	EURNZD	3:30:00 PM	1.65623	1.65528			N/A
2/4/2019	EURNZD	9:30:00 AM	1.65904	1.65976			N/A
2/4/2019	EURNZD	11:30:00 AM					N/A
2/4/2019	EURNZD	1:30:00 PM	1.66177	1.66245			N/A
2/4/2019	EURNZD	3:30:00 PM	1.66379	1.66419			N/A
2/5/2019	EURNZD	9:30:00 AM	1.65575	1.6564			N/A
2/5/2019	EURNZD	11:30:00 AM	1.65768	1.65842			N/A
2/5/2019	EURNZD	1:30:00 PM	1.6561	1.65639			N/A
2/5/2019	EURNZD	3:30:00 PM	1.65478	1.6555			N/A
2/6/2019	EURNZD	9:30:00 AM	1.65976	1.66019			N/A
2/6/2019	EURNZD	11:30:00 AM					N/A
2/6/2019	EURNZD	1:30:00 PM	1.66147	1.66226			N/A
2/6/2019	EURNZD	3:30:00 PM	1.66167	1.66235			N/A
2/7/2019	EURNZD	9:30:00 AM	1.682	1.68277			N/A
2/7/2019	EURNZD	11:30:00 AM	1.67948	1.6803			N/A
2/7/2019	EURNZD	1:30:00 PM	1.67796	1.6785			N/A
2/7/2019	EURNZD	3:30:00 PM	1.67799	1.6788			N/A
2/8/2019	EURNZD	9:30:00 AM	1.67745	1.67811			N/A

2/8/2019	EURNZD	11:30:00 AM					N/A
2/8/2019	EURNZD	1:30:00 PM	1.68	1.68086			N/A
2/8/2019	EURNZD	3:30:00 PM	1.67988	1.68025			N/A
2/11/2019	EURNZD	9:30:00 AM	1.67337	1.67419			N/A
2/11/2019	EURNZD	11:30:00 AM	1.67599	1.67669			N/A
2/11/2019	EURNZD	1:30:00 PM	1.67588	1.67669			N/A
2/11/2019	EURNZD	3:30:00 PM	1.67642	1.67713			N/A
2/12/2019	EURNZD	9:30:00 AM	1.67557	1.67644			N/A
2/12/2019	EURNZD	11:30:00 AM					N/A
2/12/2019	EURNZD	1:30:00 PM	1.67467	1.67542			N/A
2/12/2019	EURNZD	3:30:00 PM	1.67593	1.6767			N/A
2/13/2019	EURNZD	9:30:00 AM	1.65629	1.65698			N/A
2/13/2019	EURNZD	11:30:00 AM	1.65976	1.66037			N/A
2/13/2019	EURNZD	1:30:00 PM	1.65989	1.66077			N/A
2/13/2019	EURNZD	3:30:00 PM	1.65901	1.65889			N/A
2/14/2019	EURNZD	9:30:00 AM	1.64931	1.65002			N/A
2/14/2019	EURNZD	11:30:00 AM					N/A
2/14/2019	EURNZD	1:30:00 PM	1.64995	1.65063			N/A
2/14/2019	EURNZD	3:30:00 PM	1.64824	1.64813			N/A
2/15/2019	EURNZD	9:30:00 AM					N/A
2/15/2019	EURNZD	11:30:00 AM					N/A
2/15/2019	EURNZD	1:30:00 PM					N/A
2/15/2019	EURNZD	3:30:00 PM					N/A
2/18/2019	EURNZD	9:30:00 AM	1.6452	1.64585			N/A
2/18/2019	EURNZD	11:30:00 AM					N/A
2/18/2019	EURNZD	1:30:00 PM	1.64774	1.64854			N/A
2/18/2019	EURNZD	3:30:00 PM	1.64617	1.64679			N/A
2/19/2019	EURNZD	9:30:00 AM	1.6526	1.65346			N/A
2/19/2019	EURNZD	11:30:00 AM	1.65534	1.65587			N/A
2/19/2019	EURNZD	1:30:00 PM	1.65395	1.65474			N/A
2/19/2019	EURNZD	3:30:00 PM	1.65361	1.65426			N/A
2/20/2019	EURNZD	9:30:00 AM	1.65103	1.65144			N/A
2/20/2019	EURNZD	11:30:00 AM					N/A
2/20/2019	EURNZD	1:30:00 PM	1.65178	1.65234			N/A
2/20/2019	EURNZD	3:30:00 PM	1.65048	1.65109			N/A
2/21/2019	EURNZD	9:30:00 AM	1.66156	1.66134			N/A
2/21/2019	EURNZD	11:30:00 AM	1.66191	1.66256			N/A
2/21/2019	EURNZD	1:30:00 PM	1.66364	1.66431			N/A
2/21/2019	EURNZD	3:30:00 PM	1.66492	1.66434			N/A
2/22/2019	EURNZD	9:30:00 AM	1.66966	1.66997			N/A
2/22/2019	EURNZD	11:30:00 AM					N/A
2/22/2019	EURNZD	1:30:00 PM	1.66549	1.66615			N/A
2/22/2019	EURNZD	3:30:00 PM	1.66167	1.66249			N/A
2/25/2019	EURNZD	9:30:00 AM	1.65306	1.65373			N/A
2/25/2019	EURNZD	11:30:00 AM	1.64964	1.6505			N/A
2/25/2019	EURNZD	1:30:00 PM	1.6474	1.64795			N/A
2/25/2019	EURNZD	3:30:00 PM	1.64761	1.64825			N/A
2/26/2019	EURNZD	9:30:00 AM	1.6489	1.64954			N/A
2/26/2019	EURNZD	11:30:00 AM					N/A
2/26/2019	EURNZD	1:30:00 PM	1.65198	1.65286			N/A

2/26/2019	EURNZD	3:30:00 PM	1.65128	1.65168			N/A
2/27/2019	EURNZD	9:30:00 AM	1.65004	1.65074			N/A
2/27/2019	EURNZD	11:30:00 AM	1.65643	1.6571			N/A
2/27/2019	EURNZD	1:30:00 PM	1.65952	1.66021			N/A
2/27/2019	EURNZD	3:30:00 PM	1.65807	1.65877			N/A
2/28/2019	EURNZD	9:30:00 AM	1.66226	1.66298			N/A
2/28/2019	EURNZD	11:30:00 AM					N/A
2/28/2019	EURNZD	1:30:00 PM	1.66882	1.6694			N/A
2/28/2019	EURNZD	3:30:00 PM	1.66821	1.66762			N/A
3/1/2019	EURNZD	9:30:00 AM	1.66665	1.66748			N/A
3/1/2019	EURNZD	11:30:00 AM	1.66631	1.66691			N/A
3/1/2019	EURNZD	1:30:00 PM	1.66616	1.6668			N/A
3/1/2019	EURNZD	3:30:00 PM	1.66612	1.66692			N/A
3/4/2019	EURNZD	9:30:00 AM	1.66848	1.66922			N/A
3/4/2019	EURNZD	11:30:00 AM					N/A
3/4/2019	EURNZD	1:30:00 PM	1.66542	1.66602			N/A
3/4/2019	EURNZD	3:30:00 PM	1.66548	1.66619			N/A
3/5/2019	EURNZD	9:30:00 AM	1.66651	1.66716			N/A
3/5/2019	EURNZD	11:30:00 AM	1.66617	1.6668			N/A
3/5/2019	EURNZD	1:30:00 PM	1.66745	1.66812			N/A
3/5/2019	EURNZD	3:30:00 PM	1.66755	1.66831			N/A
3/6/2019	EURNZD	9:30:00 AM	1.66749	1.66796			N/A
3/6/2019	EURNZD	11:30:00 AM					N/A
3/6/2019	EURNZD	1:30:00 PM	1.66752	1.66821			N/A
3/6/2019	EURNZD	3:30:00 PM	1.66877	1.6678			N/A
3/7/2019	EURNZD	9:30:00 AM	1.66578	1.66652			N/A
3/7/2019	EURNZD	11:30:00 AM	1.66744	1.66827			N/A
3/7/2019	EURNZD	1:30:00 PM	1.66605	1.66666			N/A
3/7/2019	EURNZD	3:30:00 PM	1.66238	1.66292			N/A
3/8/2019	EURNZD	9:30:00 AM	1.65674	1.65738			N/A
3/8/2019	EURNZD	11:30:00 AM					N/A
3/8/2019	EURNZD	1:30:00 PM	1.65204	1.65273			N/A
3/8/2019	EURNZD	3:30:00 PM	1.65192	1.65064			N/A
3/11/2019	EURNZD	9:30:00 AM	1.65123	1.65187			N/A
3/11/2019	EURNZD	11:30:00 AM	1.64967	1.65046			N/A
3/11/2019	EURNZD	1:30:00 PM	1.65103	1.6517			N/A
3/11/2019	EURNZD	3:30:00 PM	1.64876	1.64906			N/A
3/12/2019	EURNZD	9:30:00 AM	1.64476	1.64534			N/A
3/12/2019	EURNZD	11:30:00 AM					N/A
3/12/2019	EURNZD	1:30:00 PM	1.64514	1.64596			N/A
3/12/2019	EURNZD	3:30:00 PM	1.64324	1.64402			N/A
3/13/2019	EURNZD	9:30:00 AM	1.65115	1.65198			N/A
3/13/2019	EURNZD	11:30:00 AM	1.65001	1.65084			N/A
3/13/2019	EURNZD	1:30:00 PM	1.65076	1.65147			N/A
3/13/2019	EURNZD	3:30:00 PM	1.65336	1.654			N/A
3/14/2019	EURNZD	9:30:00 AM	1.65502	1.65582			N/A
3/14/2019	EURNZD	11:30:00 AM					N/A
3/14/2019	EURNZD	1:30:00 PM	1.65744	1.65767			N/A
3/14/2019	EURNZD	3:30:00 PM	1.65754	1.65811			N/A
3/15/2019	EURNZD	9:30:00 AM	1.65212	1.65279			N/A

3/15/2019	EURNZD	11:30:00 AM	1.65215	1.65287			N/A
3/15/2019	EURNZD	1:30:00 PM	1.6538	1.65466			N/A
3/15/2019	EURNZD	3:30:00 PM	1.65301	1.65361			N/A
3/18/2019	EURNZD	9:30:00 AM	1.65053	1.65127			N/A
3/18/2019	EURNZD	11:30:00 AM					N/A
3/18/2019	EURNZD	1:30:00 PM	1.65277	1.65355			N/A
3/18/2019	EURNZD	3:30:00 PM	1.65343	1.65425			N/A
3/19/2019	EURNZD	9:30:00 AM	1.65503	1.65575			N/A
3/19/2019	EURNZD	11:30:00 AM	1.65498	1.65566			N/A
3/19/2019	EURNZD	1:30:00 PM	1.65494	1.65565			N/A
3/19/2019	EURNZD	3:30:00 PM	1.65284	1.65339			N/A
3/20/2019	EURNZD	9:30:00 AM	1.65887	1.65969			N/A
3/20/2019	EURNZD	11:30:00 AM					N/A
3/20/2019	EURNZD	1:30:00 PM	1.65746	1.65834			N/A
3/20/2019	EURNZD	3:30:00 PM	1.65695	1.65764			N/A
3/21/2019	EURNZD	9:30:00 AM	1.64958	1.65003			N/A
3/21/2019	EURNZD	11:30:00 AM	1.64863	1.64897			N/A
3/21/2019	EURNZD	1:30:00 PM	1.65049	1.65127			N/A
3/21/2019	EURNZD	3:30:00 PM	1.65126	1.65199			N/A
3/22/2019	EURNZD	9:30:00 AM	1.65085	1.65158			N/A
3/22/2019	EURNZD	11:30:00 AM					N/A
3/22/2019	EURNZD	1:30:00 PM	1.64475	1.64541			N/A
3/22/2019	EURNZD	3:30:00 PM	1.64213	1.6429			N/A
3/25/2019	EURNZD	9:30:00 AM	1.64283	1.64357			N/A
3/25/2019	EURNZD	11:30:00 AM	1.6448	1.64554			N/A
3/25/2019	EURNZD	1:30:00 PM	1.64337	1.64415			N/A
3/25/2019	EURNZD	3:30:00 PM	1.64084	1.64117			N/A
3/26/2019	EURNZD	9:30:00 AM	1.63847	1.63926			N/A
3/26/2019	EURNZD	11:30:00 AM					N/A
3/26/2019	EURNZD	1:30:00 PM	1.63877	1.63944			N/A
3/26/2019	EURNZD	3:30:00 PM	1.63468	1.63533			N/A
3/27/2019	EURNZD	9:30:00 AM	1.65336	1.65383			N/A
3/27/2019	EURNZD	11:30:00 AM	1.6548	1.65546			N/A
3/27/2019	EURNZD	1:30:00 PM	1.65673	1.65753			N/A
3/27/2019	EURNZD	3:30:00 PM	1.65524	1.65514			N/A
3/28/2019	EURNZD	9:30:00 AM	1.64864	1.6494			N/A
3/28/2019	EURNZD	11:30:00 AM					N/A
3/28/2019	EURNZD	1:30:00 PM	1.65005	1.65059			N/A
3/28/2019	EURNZD	3:30:00 PM	1.65202	1.65215			N/A
3/29/2019	EURNZD	9:30:00 AM	1.65187	1.65254			N/A
3/29/2019	EURNZD	11:30:00 AM	1.65166	1.65216			N/A
3/29/2019	EURNZD	1:30:00 PM	1.65186	1.65271			N/A
3/29/2019	EURNZD	3:30:00 PM	1.65046	1.65084			N/A
1/1/2019	EURPLN	9:30:00 AM					N/A
1/1/2019	EURPLN	11:30:00 AM					N/A
1/1/2019	EURPLN	1:30:00 PM					N/A
1/1/2019	EURPLN	3:30:00 PM					N/A
1/2/2019	EURPLN	9:30:00 AM					N/A
1/2/2019	EURPLN	11:30:00 AM					N/A
1/2/2019	EURPLN	1:30:00 PM					N/A

1/2/2019	EURPLN	3:30:00 PM					N/A
1/3/2019	EURPLN	9:30:00 AM					N/A
1/3/2019	EURPLN	11:30:00 AM					N/A
1/3/2019	EURPLN	1:30:00 PM					N/A
1/3/2019	EURPLN	3:30:00 PM					N/A
1/4/2019	EURPLN	9:30:00 AM					N/A
1/4/2019	EURPLN	11:30:00 AM					N/A
1/4/2019	EURPLN	1:30:00 PM					N/A
1/4/2019	EURPLN	3:30:00 PM					N/A
1/7/2019	EURPLN	9:30:00 AM	4.2909	4.2933			N/A
1/7/2019	EURPLN	11:30:00 AM					N/A
1/7/2019	EURPLN	1:30:00 PM	4.2931	4.2964			N/A
1/7/2019	EURPLN	3:30:00 PM	4.2903	4.2934			N/A
1/8/2019	EURPLN	9:30:00 AM	4.2984	4.3006			N/A
1/8/2019	EURPLN	11:30:00 AM	4.2987	4.3018			N/A
1/8/2019	EURPLN	1:30:00 PM	4.3025	4.3058			N/A
1/8/2019	EURPLN	3:30:00 PM	4.303	4.303			N/A
1/9/2019	EURPLN	9:30:00 AM	4.2936	4.2969			N/A
1/9/2019	EURPLN	11:30:00 AM					N/A
1/9/2019	EURPLN	1:30:00 PM	4.2978	4.3002			N/A
1/9/2019	EURPLN	3:30:00 PM	4.2952	4.2975			N/A
1/10/2019	EURPLN	9:30:00 AM	4.303	4.3057			N/A
1/10/2019	EURPLN	11:30:00 AM	4.3042	4.3072			N/A
1/10/2019	EURPLN	1:30:00 PM	4.2967	4.2997			N/A
1/10/2019	EURPLN	3:30:00 PM	4.2945	4.2978			N/A
1/11/2019	EURPLN	9:30:00 AM	4.2938	4.2966			N/A
1/11/2019	EURPLN	11:30:00 AM					N/A
1/11/2019	EURPLN	1:30:00 PM	4.2943	4.2972			N/A
1/11/2019	EURPLN	3:30:00 PM	4.2953	4.2982			N/A
1/14/2019	EURPLN	9:30:00 AM	4.2939	4.297			N/A
1/14/2019	EURPLN	11:30:00 AM	4.2929	4.2961			N/A
1/14/2019	EURPLN	1:30:00 PM	4.293	4.296			N/A
1/14/2019	EURPLN	3:30:00 PM	4.2895	4.2926			N/A
1/15/2019	EURPLN	9:30:00 AM	4.2883	4.2898			N/A
1/15/2019	EURPLN	11:30:00 AM					N/A
1/15/2019	EURPLN	1:30:00 PM	4.2874	4.2905			N/A
1/15/2019	EURPLN	3:30:00 PM	4.292	4.2942			N/A
1/16/2019	EURPLN	9:30:00 AM	4.2916	4.2945			N/A
1/16/2019	EURPLN	11:30:00 AM	4.2917	4.2947			N/A
1/16/2019	EURPLN	1:30:00 PM	4.2839	4.2871			N/A
1/16/2019	EURPLN	3:30:00 PM	4.2872	4.2902			N/A
1/17/2019	EURPLN	9:30:00 AM	4.2843	4.2873			N/A
1/17/2019	EURPLN	11:30:00 AM					N/A
1/17/2019	EURPLN	1:30:00 PM	4.2809	4.2833			N/A
1/17/2019	EURPLN	3:30:00 PM	4.2827	4.2856			N/A
1/18/2019	EURPLN	9:30:00 AM	4.2874	4.2905			N/A
1/18/2019	EURPLN	11:30:00 AM	4.293	4.296			N/A
1/18/2019	EURPLN	1:30:00 PM	4.2914	4.2943			N/A
1/18/2019	EURPLN	3:30:00 PM	4.2905	4.2935			N/A
1/21/2019	EURPLN	9:30:00 AM	4.2892	4.2922			N/A

1/21/2019	EURPLN	11:30:00 AM					N/A
1/21/2019	EURPLN	1:30:00 PM	4.2913	4.2946			N/A
1/21/2019	EURPLN	3:30:00 PM	4.2876	4.2902			N/A
1/22/2019	EURPLN	9:30:00 AM	4.287	4.289			N/A
1/22/2019	EURPLN	11:30:00 AM	4.2845	4.2873			N/A
1/22/2019	EURPLN	1:30:00 PM	4.2827	4.2856			N/A
1/22/2019	EURPLN	3:30:00 PM	4.2809	4.2828			N/A
1/23/2019	EURPLN	9:30:00 AM	4.2861	4.2879			N/A
1/23/2019	EURPLN	11:30:00 AM					N/A
1/23/2019	EURPLN	1:30:00 PM	4.2853	4.2884			N/A
1/23/2019	EURPLN	3:30:00 PM	4.2876	4.2908			N/A
1/24/2019	EURPLN	9:30:00 AM	4.2917	4.2942			N/A
1/24/2019	EURPLN	11:30:00 AM	4.2924	4.2956			N/A
1/24/2019	EURPLN	1:30:00 PM	4.2936	4.2964			N/A
1/24/2019	EURPLN	3:30:00 PM	4.287	4.2892			N/A
1/25/2019	EURPLN	9:30:00 AM	4.2846	4.2878			N/A
1/25/2019	EURPLN	11:30:00 AM					N/A
1/25/2019	EURPLN	1:30:00 PM	4.2904	4.2935			N/A
1/25/2019	EURPLN	3:30:00 PM	4.2876	4.2909			N/A
1/28/2019	EURPLN	9:30:00 AM	4.2888	4.2921			N/A
1/28/2019	EURPLN	11:30:00 AM	4.2913	4.2942			N/A
1/28/2019	EURPLN	1:30:00 PM	4.2846	4.2869			N/A
1/28/2019	EURPLN	3:30:00 PM	4.289	4.2919			N/A
1/29/2019	EURPLN	9:30:00 AM	4.2914	4.2945			N/A
1/29/2019	EURPLN	11:30:00 AM					N/A
1/29/2019	EURPLN	1:30:00 PM	4.2938	4.297			N/A
1/29/2019	EURPLN	3:30:00 PM	4.2949	4.298			N/A
1/30/2019	EURPLN	9:30:00 AM	4.2928	4.296			N/A
1/30/2019	EURPLN	11:30:00 AM	4.295	4.2983			N/A
1/30/2019	EURPLN	1:30:00 PM	4.2887	4.292			N/A
1/30/2019	EURPLN	3:30:00 PM	4.2898	4.2929			N/A
1/31/2019	EURPLN	9:30:00 AM	4.2782	4.2807			N/A
1/31/2019	EURPLN	11:30:00 AM					N/A
1/31/2019	EURPLN	1:30:00 PM	4.2736	4.2762			N/A
1/31/2019	EURPLN	3:30:00 PM	4.2706	4.2717			N/A
2/1/2019	EURPLN	9:30:00 AM	4.2649	4.2678			N/A
2/1/2019	EURPLN	11:30:00 AM	4.273	4.2762			N/A
2/1/2019	EURPLN	1:30:00 PM	4.2668	4.2701			N/A
2/1/2019	EURPLN	3:30:00 PM	4.2758	4.2757			N/A
2/4/2019	EURPLN	9:30:00 AM	4.2897	4.2927			N/A
2/4/2019	EURPLN	11:30:00 AM					N/A
2/4/2019	EURPLN	1:30:00 PM	4.2819	4.2851			N/A
2/4/2019	EURPLN	3:30:00 PM	4.2822	4.2853			N/A
2/5/2019	EURPLN	9:30:00 AM	4.2832	4.2862			N/A
2/5/2019	EURPLN	11:30:00 AM	4.2856	4.2886			N/A
2/5/2019	EURPLN	1:30:00 PM	4.2862	4.2892			N/A
2/5/2019	EURPLN	3:30:00 PM	4.2876	4.2905			N/A
2/6/2019	EURPLN	9:30:00 AM	4.2896	4.2911			N/A
2/6/2019	EURPLN	11:30:00 AM					N/A
2/6/2019	EURPLN	1:30:00 PM	4.289	4.2925			N/A

2/6/2019	EURPLN	3:30:00 PM	4.2889	4.2919			N/A
2/7/2019	EURPLN	9:30:00 AM	4.2961	4.2992			N/A
2/7/2019	EURPLN	11:30:00 AM	4.2974	4.3006			N/A
2/7/2019	EURPLN	1:30:00 PM	4.3007	4.3037			N/A
2/7/2019	EURPLN	3:30:00 PM	4.2996	4.302			N/A
2/8/2019	EURPLN	9:30:00 AM	4.3057	4.3081			N/A
2/8/2019	EURPLN	11:30:00 AM					N/A
2/8/2019	EURPLN	1:30:00 PM	4.3044	4.3075			N/A
2/8/2019	EURPLN	3:30:00 PM	4.3053	4.3086			N/A
2/11/2019	EURPLN	9:30:00 AM	4.3088	4.3119			N/A
2/11/2019	EURPLN	11:30:00 AM	4.3167	4.3197			N/A
2/11/2019	EURPLN	1:30:00 PM	4.3167	4.3196			N/A
2/11/2019	EURPLN	3:30:00 PM	4.3155	4.3185			N/A
2/12/2019	EURPLN	9:30:00 AM	4.3233	4.3255			N/A
2/12/2019	EURPLN	11:30:00 AM					N/A
2/12/2019	EURPLN	1:30:00 PM	4.3255	4.3281			N/A
2/12/2019	EURPLN	3:30:00 PM	4.3246	4.3278			N/A
2/13/2019	EURPLN	9:30:00 AM	4.325	4.3279			N/A
2/13/2019	EURPLN	11:30:00 AM	4.3274	4.3303			N/A
2/13/2019	EURPLN	1:30:00 PM	4.3261	4.3287			N/A
2/13/2019	EURPLN	3:30:00 PM	4.3267	4.3297			N/A
2/14/2019	EURPLN	9:30:00 AM	4.3341	4.3361			N/A
2/14/2019	EURPLN	11:30:00 AM					N/A
2/14/2019	EURPLN	1:30:00 PM	4.3323	4.3354			N/A
2/14/2019	EURPLN	3:30:00 PM	4.3347	4.338			N/A
2/15/2019	EURPLN	9:30:00 AM					N/A
2/15/2019	EURPLN	11:30:00 AM					N/A
2/15/2019	EURPLN	1:30:00 PM					N/A
2/15/2019	EURPLN	3:30:00 PM					N/A
2/18/2019	EURPLN	9:30:00 AM	4.3274	4.3298			N/A
2/18/2019	EURPLN	11:30:00 AM					N/A
2/18/2019	EURPLN	1:30:00 PM	4.33	4.3326			N/A
2/18/2019	EURPLN	3:30:00 PM	4.3292	4.332			N/A
2/19/2019	EURPLN	9:30:00 AM	4.3281	4.3312			N/A
2/19/2019	EURPLN	11:30:00 AM	4.3277	4.3308			N/A
2/19/2019	EURPLN	1:30:00 PM	4.3295	4.3326			N/A
2/19/2019	EURPLN	3:30:00 PM	4.3324	4.3345			N/A
2/20/2019	EURPLN	9:30:00 AM	4.3307	4.334			N/A
2/20/2019	EURPLN	11:30:00 AM					N/A
2/20/2019	EURPLN	1:30:00 PM	4.3394	4.3426			N/A
2/20/2019	EURPLN	3:30:00 PM	4.3426	4.3456			N/A
2/21/2019	EURPLN	9:30:00 AM	4.3329	4.3358			N/A
2/21/2019	EURPLN	11:30:00 AM	4.33	4.3331			N/A
2/21/2019	EURPLN	1:30:00 PM	4.3326	4.3351			N/A
2/21/2019	EURPLN	3:30:00 PM	4.3356	4.3387			N/A
2/22/2019	EURPLN	9:30:00 AM	4.3317	4.3347			N/A
2/22/2019	EURPLN	11:30:00 AM					N/A
2/22/2019	EURPLN	1:30:00 PM	4.3373	4.3403			N/A
2/22/2019	EURPLN	3:30:00 PM	4.3338	4.337			N/A
2/25/2019	EURPLN	9:30:00 AM	4.3329	4.3359			N/A

2/25/2019	EURPLN	11:30:00 AM	4.3372	4.3405			N/A
2/25/2019	EURPLN	1:30:00 PM	4.3347	4.3374			N/A
2/25/2019	EURPLN	3:30:00 PM	4.3348	4.338			N/A
2/26/2019	EURPLN	9:30:00 AM	4.3352	4.3382			N/A
2/26/2019	EURPLN	11:30:00 AM					N/A
2/26/2019	EURPLN	1:30:00 PM	4.3312	4.3339			N/A
2/26/2019	EURPLN	3:30:00 PM	4.3286	4.3314			N/A
2/27/2019	EURPLN	9:30:00 AM	4.3248	4.3271			N/A
2/27/2019	EURPLN	11:30:00 AM	4.3151	4.3185			N/A
2/27/2019	EURPLN	1:30:00 PM	4.3153	4.3179			N/A
2/27/2019	EURPLN	3:30:00 PM	4.313	4.3132			N/A
2/28/2019	EURPLN	9:30:00 AM	4.3171	4.3203			N/A
2/28/2019	EURPLN	11:30:00 AM					N/A
2/28/2019	EURPLN	1:30:00 PM	4.3063	4.3093			N/A
2/28/2019	EURPLN	3:30:00 PM	4.3088	4.3115			N/A
3/1/2019	EURPLN	9:30:00 AM	4.3014	4.3044			N/A
3/1/2019	EURPLN	11:30:00 AM	4.3036	4.3068			N/A
3/1/2019	EURPLN	1:30:00 PM	4.3065	4.3097			N/A
3/1/2019	EURPLN	3:30:00 PM	4.3077	4.3108			N/A
3/4/2019	EURPLN	9:30:00 AM	4.303	4.3057			N/A
3/4/2019	EURPLN	11:30:00 AM					N/A
3/4/2019	EURPLN	1:30:00 PM	4.2967	4.2997			N/A
3/4/2019	EURPLN	3:30:00 PM	4.2972	4.3004			N/A
3/5/2019	EURPLN	9:30:00 AM	4.3014	4.3046			N/A
3/5/2019	EURPLN	11:30:00 AM	4.3003	4.3036			N/A
3/5/2019	EURPLN	1:30:00 PM	4.299	4.3022			N/A
3/5/2019	EURPLN	3:30:00 PM	4.2986	4.3016			N/A
3/6/2019	EURPLN	9:30:00 AM	4.2992	4.3023			N/A
3/6/2019	EURPLN	11:30:00 AM					N/A
3/6/2019	EURPLN	1:30:00 PM	4.2996	4.3027			N/A
3/6/2019	EURPLN	3:30:00 PM	4.2982	4.3013			N/A
3/7/2019	EURPLN	9:30:00 AM	4.2996	4.3026			N/A
3/7/2019	EURPLN	11:30:00 AM	4.2989	4.3017			N/A
3/7/2019	EURPLN	1:30:00 PM	4.2992	4.3022			N/A
3/7/2019	EURPLN	3:30:00 PM	4.2983	4.3007			N/A
3/8/2019	EURPLN	9:30:00 AM	4.3133	4.3155			N/A
3/8/2019	EURPLN	11:30:00 AM					N/A
3/8/2019	EURPLN	1:30:00 PM	4.3065	4.3093			N/A
3/8/2019	EURPLN	3:30:00 PM	4.3036	4.3033			N/A
3/11/2019	EURPLN	9:30:00 AM	4.299	4.3007			N/A
3/11/2019	EURPLN	11:30:00 AM	4.2954	4.2985			N/A
3/11/2019	EURPLN	1:30:00 PM	4.2982	4.3005			N/A
3/11/2019	EURPLN	3:30:00 PM	4.2976	4.3005			N/A
3/12/2019	EURPLN	9:30:00 AM	4.2995	4.302			N/A
3/12/2019	EURPLN	11:30:00 AM					N/A
3/12/2019	EURPLN	1:30:00 PM	4.302	4.305			N/A
3/12/2019	EURPLN	3:30:00 PM	4.2986	4.3007			N/A
3/13/2019	EURPLN	9:30:00 AM	4.3002	4.3032			N/A
3/13/2019	EURPLN	11:30:00 AM	4.2971	4.3			N/A
3/13/2019	EURPLN	1:30:00 PM	4.2966	4.2998			N/A

3/13/2019	EURPLN	3:30:00 PM	4.2977	4.3009			N/A
3/14/2019	EURPLN	9:30:00 AM	4.3003	4.3031			N/A
3/14/2019	EURPLN	11:30:00 AM					N/A
3/14/2019	EURPLN	1:30:00 PM	4.3014	4.3047			N/A
3/14/2019	EURPLN	3:30:00 PM	4.3025	4.3055			N/A
3/15/2019	EURPLN	9:30:00 AM	4.3016	4.3038			N/A
3/15/2019	EURPLN	11:30:00 AM	4.3017	4.3048			N/A
3/15/2019	EURPLN	1:30:00 PM	4.304	4.3063			N/A
3/15/2019	EURPLN	3:30:00 PM	4.3031	4.3056			N/A
3/18/2019	EURPLN	9:30:00 AM	4.2967	4.2988			N/A
3/18/2019	EURPLN	11:30:00 AM					N/A
3/18/2019	EURPLN	1:30:00 PM	4.2965	4.2998			N/A
3/18/2019	EURPLN	3:30:00 PM	4.297	4.2991			N/A
3/19/2019	EURPLN	9:30:00 AM	4.2924	4.2953			N/A
3/19/2019	EURPLN	11:30:00 AM	4.2892	4.2925			N/A
3/19/2019	EURPLN	1:30:00 PM	4.2886	4.2918			N/A
3/19/2019	EURPLN	3:30:00 PM	4.2875	4.2905			N/A
3/20/2019	EURPLN	9:30:00 AM	4.2862	4.2894			N/A
3/20/2019	EURPLN	11:30:00 AM					N/A
3/20/2019	EURPLN	1:30:00 PM	4.2845	4.2874			N/A
3/20/2019	EURPLN	3:30:00 PM	4.2831	4.2863			N/A
3/21/2019	EURPLN	9:30:00 AM	4.2768	4.2798			N/A
3/21/2019	EURPLN	11:30:00 AM	4.2834	4.2867			N/A
3/21/2019	EURPLN	1:30:00 PM	4.2825	4.2852			N/A
3/21/2019	EURPLN	3:30:00 PM	4.2768	4.2797			N/A
3/22/2019	EURPLN	9:30:00 AM	4.282	4.2844			N/A
3/22/2019	EURPLN	11:30:00 AM					N/A
3/22/2019	EURPLN	1:30:00 PM	4.2913	4.2945			N/A
3/22/2019	EURPLN	3:30:00 PM	4.292	4.2948			N/A
3/25/2019	EURPLN	9:30:00 AM	4.2946	4.2975			N/A
3/25/2019	EURPLN	11:30:00 AM	4.2948	4.298			N/A
3/25/2019	EURPLN	1:30:00 PM	4.2988	4.3004			N/A
3/25/2019	EURPLN	3:30:00 PM	4.2962	4.2993			N/A
3/26/2019	EURPLN	9:30:00 AM	4.2908	4.2939			N/A
3/26/2019	EURPLN	11:30:00 AM					N/A
3/26/2019	EURPLN	1:30:00 PM	4.2924	4.2954			N/A
3/26/2019	EURPLN	3:30:00 PM	4.2922	4.2954			N/A
3/27/2019	EURPLN	9:30:00 AM	4.2927	4.2956			N/A
3/27/2019	EURPLN	11:30:00 AM	4.2959	4.2987			N/A
3/27/2019	EURPLN	1:30:00 PM	4.2954	4.2986			N/A
3/27/2019	EURPLN	3:30:00 PM	4.293	4.2949			N/A
3/28/2019	EURPLN	9:30:00 AM	4.294	4.2969			N/A
3/28/2019	EURPLN	11:30:00 AM					N/A
3/28/2019	EURPLN	1:30:00 PM	4.2984	4.3014			N/A
3/28/2019	EURPLN	3:30:00 PM	4.2929	4.2957			N/A
3/29/2019	EURPLN	9:30:00 AM	4.2916	4.2946			N/A
3/29/2019	EURPLN	11:30:00 AM	4.2977	4.301			N/A
3/29/2019	EURPLN	1:30:00 PM	4.3009	4.3041			N/A
3/29/2019	EURPLN	3:30:00 PM	4.2997	4.3027			N/A
1/1/2019	EURRUR	9:30:00 AM					N/A

1/1/2019	EURRUR	11:30:00 AM					N/A
1/1/2019	EURRUR	1:30:00 PM					N/A
1/1/2019	EURRUR	3:30:00 PM					N/A
1/2/2019	EURRUR	9:30:00 AM					N/A
1/2/2019	EURRUR	11:30:00 AM					N/A
1/2/2019	EURRUR	1:30:00 PM					N/A
1/2/2019	EURRUR	3:30:00 PM					N/A
1/3/2019	EURRUR	9:30:00 AM					N/A
1/3/2019	EURRUR	11:30:00 AM					N/A
1/3/2019	EURRUR	1:30:00 PM					N/A
1/3/2019	EURRUR	3:30:00 PM					N/A
1/4/2019	EURRUR	9:30:00 AM					N/A
1/4/2019	EURRUR	11:30:00 AM					N/A
1/4/2019	EURRUR	1:30:00 PM					N/A
1/4/2019	EURRUR	3:30:00 PM					N/A
1/7/2019	EURRUR	9:30:00 AM					N/A
1/7/2019	EURRUR	11:30:00 AM					N/A
1/7/2019	EURRUR	1:30:00 PM					N/A
1/7/2019	EURRUR	3:30:00 PM					N/A
1/8/2019	EURRUR	9:30:00 AM					N/A
1/8/2019	EURRUR	11:30:00 AM	76.42	76.846			N/A
1/8/2019	EURRUR	1:30:00 PM	76.349	76.784			N/A
1/8/2019	EURRUR	3:30:00 PM	76.329	76.754			N/A
1/9/2019	EURRUR	9:30:00 AM					N/A
1/9/2019	EURRUR	11:30:00 AM					N/A
1/9/2019	EURRUR	1:30:00 PM	76.445	76.859			N/A
1/9/2019	EURRUR	3:30:00 PM	76.434	76.876			N/A
1/10/2019	EURRUR	9:30:00 AM					N/A
1/10/2019	EURRUR	11:30:00 AM	76.989	77.417			N/A
1/10/2019	EURRUR	1:30:00 PM	77.119	77.502			N/A
1/10/2019	EURRUR	3:30:00 PM	76.99	77.365			N/A
1/11/2019	EURRUR	9:30:00 AM					N/A
1/11/2019	EURRUR	11:30:00 AM					N/A
1/11/2019	EURRUR	1:30:00 PM	76.856	77.268			N/A
1/11/2019	EURRUR	3:30:00 PM	77.016	77.43			N/A
1/14/2019	EURRUR	9:30:00 AM					N/A
1/14/2019	EURRUR	11:30:00 AM	76.778	77.2			N/A
1/14/2019	EURRUR	1:30:00 PM	76.77	77.185			N/A
1/14/2019	EURRUR	3:30:00 PM	76.727	77.155			N/A
1/15/2019	EURRUR	9:30:00 AM					N/A
1/15/2019	EURRUR	11:30:00 AM					N/A
1/15/2019	EURRUR	1:30:00 PM	76.359	76.795			N/A
1/15/2019	EURRUR	3:30:00 PM	76.33	76.736			N/A
1/16/2019	EURRUR	9:30:00 AM					N/A
1/16/2019	EURRUR	11:30:00 AM	75.863	76.28			N/A
1/16/2019	EURRUR	1:30:00 PM	75.759	76.199			N/A
1/16/2019	EURRUR	3:30:00 PM	75.691	76.112			N/A
1/17/2019	EURRUR	9:30:00 AM					N/A
1/17/2019	EURRUR	11:30:00 AM					N/A
1/17/2019	EURRUR	1:30:00 PM	75.526	75.964			N/A

1/17/2019	EURRUR	3:30:00 PM	75.59	75.924			N/A
1/18/2019	EURRUR	9:30:00 AM					N/A
1/18/2019	EURRUR	11:30:00 AM	75.415	75.831			N/A
1/18/2019	EURRUR	1:30:00 PM	75.376	75.809			N/A
1/18/2019	EURRUR	3:30:00 PM	75.254	75.627			N/A
1/21/2019	EURRUR	9:30:00 AM					N/A
1/21/2019	EURRUR	11:30:00 AM					N/A
1/21/2019	EURRUR	1:30:00 PM	75.23	75.661			N/A
1/21/2019	EURRUR	3:30:00 PM	75.118	75.549			N/A
1/22/2019	EURRUR	9:30:00 AM					N/A
1/22/2019	EURRUR	11:30:00 AM	75.316	75.747			N/A
1/22/2019	EURRUR	1:30:00 PM	75.256	75.67			N/A
1/22/2019	EURRUR	3:30:00 PM	75.17	75.603			N/A
1/23/2019	EURRUR	9:30:00 AM					N/A
1/23/2019	EURRUR	11:30:00 AM					N/A
1/23/2019	EURRUR	1:30:00 PM	74.869	75.301			N/A
1/23/2019	EURRUR	3:30:00 PM	74.985	75.393			N/A
1/24/2019	EURRUR	9:30:00 AM					N/A
1/24/2019	EURRUR	11:30:00 AM	74.563	74.989			N/A
1/24/2019	EURRUR	1:30:00 PM	74.434	74.854			N/A
1/24/2019	EURRUR	3:30:00 PM	74.382	74.81			N/A
1/25/2019	EURRUR	9:30:00 AM					N/A
1/25/2019	EURRUR	11:30:00 AM					N/A
1/25/2019	EURRUR	1:30:00 PM	74.71	75.139			N/A
1/25/2019	EURRUR	3:30:00 PM	74.748	75.16			N/A
1/28/2019	EURRUR	9:30:00 AM					N/A
1/28/2019	EURRUR	11:30:00 AM	74.946	75.352			N/A
1/28/2019	EURRUR	1:30:00 PM	75.038	75.47			N/A
1/28/2019	EURRUR	3:30:00 PM	75.136	75.569			N/A
1/29/2019	EURRUR	9:30:00 AM					N/A
1/29/2019	EURRUR	11:30:00 AM					N/A
1/29/2019	EURRUR	1:30:00 PM	75.524	75.964			N/A
1/29/2019	EURRUR	3:30:00 PM	75.367	75.809			N/A
1/30/2019	EURRUR	9:30:00 AM					N/A
1/30/2019	EURRUR	11:30:00 AM	75.215	75.631			N/A
1/30/2019	EURRUR	1:30:00 PM	75.062	75.503			N/A
1/30/2019	EURRUR	3:30:00 PM	75.05	75.483			N/A
1/31/2019	EURRUR	9:30:00 AM					N/A
1/31/2019	EURRUR	11:30:00 AM					N/A
1/31/2019	EURRUR	1:30:00 PM	74.818	75.187			N/A
1/31/2019	EURRUR	3:30:00 PM	74.785	75.201			N/A
2/1/2019	EURRUR	9:30:00 AM					N/A
2/1/2019	EURRUR	11:30:00 AM	74.822	75.253			N/A
2/1/2019	EURRUR	1:30:00 PM	74.735	75.173			N/A
2/1/2019	EURRUR	3:30:00 PM	74.871	75.134			N/A
2/4/2019	EURRUR	9:30:00 AM					N/A
2/4/2019	EURRUR	11:30:00 AM					N/A
2/4/2019	EURRUR	1:30:00 PM	74.813	75.255			N/A
2/4/2019	EURRUR	3:30:00 PM	74.839	75.277			N/A
2/5/2019	EURRUR	9:30:00 AM					N/A

2/5/2019	EURRUR	11:30:00 AM	74.495	74.919			N/A
2/5/2019	EURRUR	1:30:00 PM	74.467	74.864			N/A
2/5/2019	EURRUR	3:30:00 PM	74.516	74.934			N/A
2/6/2019	EURRUR	9:30:00 AM					N/A
2/6/2019	EURRUR	11:30:00 AM					N/A
2/6/2019	EURRUR	1:30:00 PM	74.582	75.022			N/A
2/6/2019	EURRUR	3:30:00 PM	74.643	75.068			N/A
2/7/2019	EURRUR	9:30:00 AM					N/A
2/7/2019	EURRUR	11:30:00 AM	74.591	75.032			N/A
2/7/2019	EURRUR	1:30:00 PM	74.593	75.035			N/A
2/7/2019	EURRUR	3:30:00 PM	74.539	74.977			N/A
2/8/2019	EURRUR	9:30:00 AM					N/A
2/8/2019	EURRUR	11:30:00 AM					N/A
2/8/2019	EURRUR	1:30:00 PM	74.545	74.988			N/A
2/8/2019	EURRUR	3:30:00 PM	74.514	74.907			N/A
2/11/2019	EURRUR	9:30:00 AM					N/A
2/11/2019	EURRUR	11:30:00 AM	74.047	74.475			N/A
2/11/2019	EURRUR	1:30:00 PM	73.998	74.421			N/A
2/11/2019	EURRUR	3:30:00 PM	73.908	74.348			N/A
2/12/2019	EURRUR	9:30:00 AM					N/A
2/12/2019	EURRUR	11:30:00 AM					N/A
2/12/2019	EURRUR	1:30:00 PM	73.661	74.086			N/A
2/12/2019	EURRUR	3:30:00 PM	73.705	74.132			N/A
2/13/2019	EURRUR	9:30:00 AM					N/A
2/13/2019	EURRUR	11:30:00 AM	74.135	74.561			N/A
2/13/2019	EURRUR	1:30:00 PM	74.096	74.513			N/A
2/13/2019	EURRUR	3:30:00 PM	74.044	74.438			N/A
2/14/2019	EURRUR	9:30:00 AM					N/A
2/14/2019	EURRUR	11:30:00 AM					N/A
2/14/2019	EURRUR	1:30:00 PM	75.056	75.48			N/A
2/14/2019	EURRUR	3:30:00 PM	75.178	75.573			N/A
2/15/2019	EURRUR	9:30:00 AM					N/A
2/15/2019	EURRUR	11:30:00 AM					N/A
2/15/2019	EURRUR	1:30:00 PM					N/A
2/15/2019	EURRUR	3:30:00 PM					N/A
2/18/2019	EURRUR	9:30:00 AM					N/A
2/18/2019	EURRUR	11:30:00 AM					N/A
2/18/2019	EURRUR	1:30:00 PM	74.677	75.118			N/A
2/18/2019	EURRUR	3:30:00 PM	74.585	75.029			N/A
2/19/2019	EURRUR	9:30:00 AM					N/A
2/19/2019	EURRUR	11:30:00 AM	74.55	74.978			N/A
2/19/2019	EURRUR	1:30:00 PM	74.409	74.821			N/A
2/19/2019	EURRUR	3:30:00 PM	74.452	74.884			N/A
2/20/2019	EURRUR	9:30:00 AM					N/A
2/20/2019	EURRUR	11:30:00 AM					N/A
2/20/2019	EURRUR	1:30:00 PM	74.157	74.59			N/A
2/20/2019	EURRUR	3:30:00 PM	74.16	74.573			N/A
2/21/2019	EURRUR	9:30:00 AM					N/A
2/21/2019	EURRUR	11:30:00 AM	73.942	74.364			N/A
2/21/2019	EURRUR	1:30:00 PM	73.992	74.434			N/A

2/21/2019	EURRUR	3:30:00 PM	74.118	74.485			N/A
2/22/2019	EURRUR	9:30:00 AM					N/A
2/22/2019	EURRUR	11:30:00 AM					N/A
2/22/2019	EURRUR	1:30:00 PM	74.084	74.502			N/A
2/22/2019	EURRUR	3:30:00 PM	73.878	74.294			N/A
2/25/2019	EURRUR	9:30:00 AM					N/A
2/25/2019	EURRUR	11:30:00 AM	73.704	74.146			N/A
2/25/2019	EURRUR	1:30:00 PM	73.813	74.245			N/A
2/25/2019	EURRUR	3:30:00 PM	73.994	74.405			N/A
2/26/2019	EURRUR	9:30:00 AM					N/A
2/26/2019	EURRUR	11:30:00 AM					N/A
2/26/2019	EURRUR	1:30:00 PM	74.268	74.711			N/A
2/26/2019	EURRUR	3:30:00 PM	74.364	74.784			N/A
2/27/2019	EURRUR	9:30:00 AM					N/A
2/27/2019	EURRUR	11:30:00 AM	74.598	75.024			N/A
2/27/2019	EURRUR	1:30:00 PM	74.712	75.145			N/A
2/27/2019	EURRUR	3:30:00 PM	74.572	74.998			N/A
2/28/2019	EURRUR	9:30:00 AM					N/A
2/28/2019	EURRUR	11:30:00 AM					N/A
2/28/2019	EURRUR	1:30:00 PM	74.71	75.138			N/A
2/28/2019	EURRUR	3:30:00 PM	74.686	75.056			N/A
3/1/2019	EURRUR	9:30:00 AM					N/A
3/1/2019	EURRUR	11:30:00 AM	74.518	74.94			N/A
3/1/2019	EURRUR	1:30:00 PM	74.543	74.981			N/A
3/1/2019	EURRUR	3:30:00 PM	74.671	75.103			N/A
3/4/2019	EURRUR	9:30:00 AM					N/A
3/4/2019	EURRUR	11:30:00 AM					N/A
3/4/2019	EURRUR	1:30:00 PM					N/A
3/4/2019	EURRUR	3:30:00 PM					N/A
3/5/2019	EURRUR	9:30:00 AM					N/A
3/5/2019	EURRUR	11:30:00 AM					N/A
3/5/2019	EURRUR	1:30:00 PM					N/A
3/5/2019	EURRUR	3:30:00 PM	74.181	74.621			N/A
3/6/2019	EURRUR	9:30:00 AM					N/A
3/6/2019	EURRUR	11:30:00 AM					N/A
3/6/2019	EURRUR	1:30:00 PM	74.062	74.504			N/A
3/6/2019	EURRUR	3:30:00 PM	74.107	74.474			N/A
3/7/2019	EURRUR	9:30:00 AM					N/A
3/7/2019	EURRUR	11:30:00 AM	74.227	74.672			N/A
3/7/2019	EURRUR	1:30:00 PM	74.352	74.788			N/A
3/7/2019	EURRUR	3:30:00 PM	73.939	74.372			N/A
3/8/2019	EURRUR	9:30:00 AM					N/A
3/8/2019	EURRUR	11:30:00 AM					N/A
3/8/2019	EURRUR	1:30:00 PM					N/A
3/8/2019	EURRUR	3:30:00 PM					N/A
3/11/2019	EURRUR	9:30:00 AM					N/A
3/11/2019	EURRUR	11:30:00 AM					N/A
3/11/2019	EURRUR	1:30:00 PM					N/A
3/11/2019	EURRUR	3:30:00 PM					N/A
3/12/2019	EURRUR	9:30:00 AM					N/A

3/12/2019	EURRUR	11:30:00 AM					N/A
3/12/2019	EURRUR	1:30:00 PM	73.739	74.179			N/A
3/12/2019	EURRUR	3:30:00 PM	73.781	74.211			N/A
3/13/2019	EURRUR	9:30:00 AM					N/A
3/13/2019	EURRUR	11:30:00 AM	73.69	74.131			N/A
3/13/2019	EURRUR	1:30:00 PM	73.644	74.082			N/A
3/13/2019	EURRUR	3:30:00 PM	73.645	74.077			N/A
3/14/2019	EURRUR	9:30:00 AM					N/A
3/14/2019	EURRUR	11:30:00 AM					N/A
3/14/2019	EURRUR	1:30:00 PM	73.645	74.067			N/A
3/14/2019	EURRUR	3:30:00 PM	73.563	74.005			N/A
3/15/2019	EURRUR	9:30:00 AM					N/A
3/15/2019	EURRUR	11:30:00 AM	73.642	74.08			N/A
3/15/2019	EURRUR	1:30:00 PM	73.584	74.024			N/A
3/15/2019	EURRUR	3:30:00 PM	73.558	73.969			N/A
3/18/2019	EURRUR	9:30:00 AM					N/A
3/18/2019	EURRUR	11:30:00 AM					N/A
3/18/2019	EURRUR	1:30:00 PM	72.755	73.177			N/A
3/18/2019	EURRUR	3:30:00 PM	72.701	73.124			N/A
3/19/2019	EURRUR	9:30:00 AM					N/A
3/19/2019	EURRUR	11:30:00 AM	72.639	73.072			N/A
3/19/2019	EURRUR	1:30:00 PM	72.692	73.135			N/A
3/19/2019	EURRUR	3:30:00 PM	72.764	73.167			N/A
3/20/2019	EURRUR	9:30:00 AM					N/A
3/20/2019	EURRUR	11:30:00 AM					N/A
3/20/2019	EURRUR	1:30:00 PM	72.672	73.112			N/A
3/20/2019	EURRUR	3:30:00 PM	72.734	73.173			N/A
3/21/2019	EURRUR	9:30:00 AM					N/A
3/21/2019	EURRUR	11:30:00 AM	72.299	72.718			N/A
3/21/2019	EURRUR	1:30:00 PM	72.263	72.7			N/A
3/21/2019	EURRUR	3:30:00 PM	72.228	72.63			N/A
3/22/2019	EURRUR	9:30:00 AM					N/A
3/22/2019	EURRUR	11:30:00 AM					N/A
3/22/2019	EURRUR	1:30:00 PM	72.374	72.81			N/A
3/22/2019	EURRUR	3:30:00 PM	72.438	72.872			N/A
3/25/2019	EURRUR	9:30:00 AM					N/A
3/25/2019	EURRUR	11:30:00 AM	72.553	72.972			N/A
3/25/2019	EURRUR	1:30:00 PM	72.436	72.867			N/A
3/25/2019	EURRUR	3:30:00 PM	72.501	72.916			N/A
3/26/2019	EURRUR	9:30:00 AM					N/A
3/26/2019	EURRUR	11:30:00 AM					N/A
3/26/2019	EURRUR	1:30:00 PM	72.296	72.73			N/A
3/26/2019	EURRUR	3:30:00 PM	72.337	72.76			N/A
3/27/2019	EURRUR	9:30:00 AM					N/A
3/27/2019	EURRUR	11:30:00 AM	72.606	73.045			N/A
3/27/2019	EURRUR	1:30:00 PM	72.785	73.212			N/A
3/27/2019	EURRUR	3:30:00 PM	72.549	72.959			N/A
3/28/2019	EURRUR	9:30:00 AM					N/A
3/28/2019	EURRUR	11:30:00 AM					N/A
3/28/2019	EURRUR	1:30:00 PM	72.87	73.281			N/A

3/28/2019	EURRUR	3:30:00 PM	72.805	73.234			N/A
3/29/2019	EURRUR	9:30:00 AM					N/A
3/29/2019	EURRUR	11:30:00 AM	72.285	72.72			N/A
3/29/2019	EURRUR	1:30:00 PM	72.456	72.889			N/A
3/29/2019	EURRUR	3:30:00 PM	72.603	73.039			N/A
1/1/2019	EURSEK	9:30:00 AM					N/A
1/1/2019	EURSEK	11:30:00 AM					N/A
1/1/2019	EURSEK	1:30:00 PM					N/A
1/1/2019	EURSEK	3:30:00 PM					N/A
1/2/2019	EURSEK	9:30:00 AM					N/A
1/2/2019	EURSEK	11:30:00 AM					N/A
1/2/2019	EURSEK	1:30:00 PM					N/A
1/2/2019	EURSEK	3:30:00 PM					N/A
1/3/2019	EURSEK	9:30:00 AM					N/A
1/3/2019	EURSEK	11:30:00 AM					N/A
1/3/2019	EURSEK	1:30:00 PM					N/A
1/3/2019	EURSEK	3:30:00 PM					N/A
1/4/2019	EURSEK	9:30:00 AM					N/A
1/4/2019	EURSEK	11:30:00 AM					N/A
1/4/2019	EURSEK	1:30:00 PM					N/A
1/4/2019	EURSEK	3:30:00 PM					N/A
1/7/2019	EURSEK	9:30:00 AM	10.2094	10.2134			N/A
1/7/2019	EURSEK	11:30:00 AM					N/A
1/7/2019	EURSEK	1:30:00 PM	10.227	10.2308			N/A
1/7/2019	EURSEK	3:30:00 PM	10.2195	10.2244			N/A
1/8/2019	EURSEK	9:30:00 AM	10.2038	10.2077			N/A
1/8/2019	EURSEK	11:30:00 AM	10.1839	10.1869			N/A
1/8/2019	EURSEK	1:30:00 PM	10.177	10.1795			N/A
1/8/2019	EURSEK	3:30:00 PM	10.1856	10.1904			N/A
1/9/2019	EURSEK	9:30:00 AM	10.2199	10.2232			N/A
1/9/2019	EURSEK	11:30:00 AM					N/A
1/9/2019	EURSEK	1:30:00 PM	10.2311	10.2332			N/A
1/9/2019	EURSEK	3:30:00 PM	10.219	10.2237			N/A
1/10/2019	EURSEK	9:30:00 AM	10.2467	10.2507			N/A
1/10/2019	EURSEK	11:30:00 AM	10.247	10.2515			N/A
1/10/2019	EURSEK	1:30:00 PM	10.2329	10.2376			N/A
1/10/2019	EURSEK	3:30:00 PM	10.2287	10.2331			N/A
1/11/2019	EURSEK	9:30:00 AM	10.2341	10.2391			N/A
1/11/2019	EURSEK	11:30:00 AM					N/A
1/11/2019	EURSEK	1:30:00 PM	10.2332	10.2384			N/A
1/11/2019	EURSEK	3:30:00 PM	10.2355	10.2369			N/A
1/14/2019	EURSEK	9:30:00 AM	10.2642	10.2655			N/A
1/14/2019	EURSEK	11:30:00 AM	10.2368	10.2405			N/A
1/14/2019	EURSEK	1:30:00 PM	10.2493	10.2508			N/A
1/14/2019	EURSEK	3:30:00 PM	10.2496	10.2533			N/A
1/15/2019	EURSEK	9:30:00 AM	10.2517	10.254			N/A
1/15/2019	EURSEK	11:30:00 AM					N/A
1/15/2019	EURSEK	1:30:00 PM	10.2329	10.2367			N/A
1/15/2019	EURSEK	3:30:00 PM	10.2411	10.2437			N/A
1/16/2019	EURSEK	9:30:00 AM	10.2205	10.2251			N/A

1/16/2019	EURSEK	11:30:00 AM	10.2338	10.239			N/A
1/16/2019	EURSEK	1:30:00 PM	10.2286	10.2312			N/A
1/16/2019	EURSEK	3:30:00 PM	10.25	10.253			N/A
1/17/2019	EURSEK	9:30:00 AM	10.2736	10.2714			N/A
1/17/2019	EURSEK	11:30:00 AM					N/A
1/17/2019	EURSEK	1:30:00 PM	10.2808	10.2856			N/A
1/17/2019	EURSEK	3:30:00 PM	10.2882	10.2889			N/A
1/18/2019	EURSEK	9:30:00 AM	10.2633	10.2656			N/A
1/18/2019	EURSEK	11:30:00 AM	10.2564	10.2596			N/A
1/18/2019	EURSEK	1:30:00 PM	10.2514	10.2563			N/A
1/18/2019	EURSEK	3:30:00 PM	10.2482	10.2522			N/A
1/21/2019	EURSEK	9:30:00 AM	10.2534	10.2565			N/A
1/21/2019	EURSEK	11:30:00 AM					N/A
1/21/2019	EURSEK	1:30:00 PM	10.2515	10.2564			N/A
1/21/2019	EURSEK	3:30:00 PM	10.2528	10.2558			N/A
1/22/2019	EURSEK	9:30:00 AM	10.2582	10.2627			N/A
1/22/2019	EURSEK	11:30:00 AM	10.2474	10.2517			N/A
1/22/2019	EURSEK	1:30:00 PM	10.2549	10.2597			N/A
1/22/2019	EURSEK	3:30:00 PM	10.2514	10.2546			N/A
1/23/2019	EURSEK	9:30:00 AM	10.2426	10.2461			N/A
1/23/2019	EURSEK	11:30:00 AM					N/A
1/23/2019	EURSEK	1:30:00 PM	10.253	10.2576			N/A
1/23/2019	EURSEK	3:30:00 PM	10.2472	10.2519			N/A
1/24/2019	EURSEK	9:30:00 AM	10.2667	10.2705			N/A
1/24/2019	EURSEK	11:30:00 AM	10.2647	10.2661			N/A
1/24/2019	EURSEK	1:30:00 PM	10.2902	10.2945			N/A
1/24/2019	EURSEK	3:30:00 PM	10.2894	10.2943			N/A
1/25/2019	EURSEK	9:30:00 AM	10.2631	10.2656			N/A
1/25/2019	EURSEK	11:30:00 AM					N/A
1/25/2019	EURSEK	1:30:00 PM	10.2993	10.3036			N/A
1/25/2019	EURSEK	3:30:00 PM	10.3011	10.3049			N/A
1/28/2019	EURSEK	9:30:00 AM	10.321	10.3224			N/A
1/28/2019	EURSEK	11:30:00 AM	10.3193	10.324			N/A
1/28/2019	EURSEK	1:30:00 PM	10.3406	10.3455			N/A
1/28/2019	EURSEK	3:30:00 PM	10.3523	10.3567			N/A
1/29/2019	EURSEK	9:30:00 AM	10.3457	10.3498			N/A
1/29/2019	EURSEK	11:30:00 AM					N/A
1/29/2019	EURSEK	1:30:00 PM	10.3571	10.3617			N/A
1/29/2019	EURSEK	3:30:00 PM	10.3493	10.3534			N/A
1/30/2019	EURSEK	9:30:00 AM	10.3571	10.3616			N/A
1/30/2019	EURSEK	11:30:00 AM	10.3787	10.3824			N/A
1/30/2019	EURSEK	1:30:00 PM	10.3914	10.3947			N/A
1/30/2019	EURSEK	3:30:00 PM	10.382	10.3857			N/A
1/31/2019	EURSEK	9:30:00 AM	10.3835	10.387			N/A
1/31/2019	EURSEK	11:30:00 AM					N/A
1/31/2019	EURSEK	1:30:00 PM	10.3602	10.3643			N/A
1/31/2019	EURSEK	3:30:00 PM	10.3706	10.374			N/A
2/1/2019	EURSEK	9:30:00 AM	10.3625	10.3621			N/A
2/1/2019	EURSEK	11:30:00 AM	10.3692	10.3735			N/A
2/1/2019	EURSEK	1:30:00 PM	10.3772	10.3812			N/A

2/1/2019	EURSEK	3:30:00 PM	10.3772	10.3795			N/A
2/4/2019	EURSEK	9:30:00 AM	10.3723	10.377			N/A
2/4/2019	EURSEK	11:30:00 AM					N/A
2/4/2019	EURSEK	1:30:00 PM	10.3907	10.3934			N/A
2/4/2019	EURSEK	3:30:00 PM	10.4062	10.4108			N/A
2/5/2019	EURSEK	9:30:00 AM	10.4102	10.4102			N/A
2/5/2019	EURSEK	11:30:00 AM	10.4131	10.4171			N/A
2/5/2019	EURSEK	1:30:00 PM	10.4104	10.4133			N/A
2/5/2019	EURSEK	3:30:00 PM	10.3947	10.3976			N/A
2/6/2019	EURSEK	9:30:00 AM	10.4034	10.4069			N/A
2/6/2019	EURSEK	11:30:00 AM					N/A
2/6/2019	EURSEK	1:30:00 PM	10.4257	10.4293			N/A
2/6/2019	EURSEK	3:30:00 PM	10.4358	10.4404			N/A
2/7/2019	EURSEK	9:30:00 AM	10.4561	10.46			N/A
2/7/2019	EURSEK	11:30:00 AM	10.4645	10.4686			N/A
2/7/2019	EURSEK	1:30:00 PM	10.4857	10.4876			N/A
2/7/2019	EURSEK	3:30:00 PM	10.4753	10.473			N/A
2/8/2019	EURSEK	9:30:00 AM	10.5017	10.5024			N/A
2/8/2019	EURSEK	11:30:00 AM					N/A
2/8/2019	EURSEK	1:30:00 PM	10.5062	10.5113			N/A
2/8/2019	EURSEK	3:30:00 PM	10.4951	10.4976			N/A
2/11/2019	EURSEK	9:30:00 AM	10.5098	10.5135			N/A
2/11/2019	EURSEK	11:30:00 AM	10.4809	10.486			N/A
2/11/2019	EURSEK	1:30:00 PM	10.4821	10.4863			N/A
2/11/2019	EURSEK	3:30:00 PM	10.4817	10.4869			N/A
2/12/2019	EURSEK	9:30:00 AM	10.4689	10.4725			N/A
2/12/2019	EURSEK	11:30:00 AM					N/A
2/12/2019	EURSEK	1:30:00 PM	10.45	10.4543			N/A
2/12/2019	EURSEK	3:30:00 PM	10.4753	10.4789			N/A
2/13/2019	EURSEK	9:30:00 AM	10.4847	10.4873			N/A
2/13/2019	EURSEK	11:30:00 AM	10.4456	10.4502			N/A
2/13/2019	EURSEK	1:30:00 PM	10.4187	10.4233			N/A
2/13/2019	EURSEK	3:30:00 PM	10.4064	10.4086			N/A
2/14/2019	EURSEK	9:30:00 AM	10.4336	10.4335			N/A
2/14/2019	EURSEK	11:30:00 AM					N/A
2/14/2019	EURSEK	1:30:00 PM	10.4551	10.4593			N/A
2/14/2019	EURSEK	3:30:00 PM	10.4805	10.4814			N/A
2/15/2019	EURSEK	9:30:00 AM					N/A
2/15/2019	EURSEK	11:30:00 AM					N/A
2/15/2019	EURSEK	1:30:00 PM					N/A
2/15/2019	EURSEK	3:30:00 PM					N/A
2/18/2019	EURSEK	9:30:00 AM	10.4681	10.4712			N/A
2/18/2019	EURSEK	11:30:00 AM					N/A
2/18/2019	EURSEK	1:30:00 PM	10.4749	10.4746			N/A
2/18/2019	EURSEK	3:30:00 PM	10.4705	10.4753			N/A
2/19/2019	EURSEK	9:30:00 AM	10.4693	10.4732			N/A
2/19/2019	EURSEK	11:30:00 AM	10.5843	10.5827			N/A
2/19/2019	EURSEK	1:30:00 PM	10.5859	10.591			N/A
2/19/2019	EURSEK	3:30:00 PM	10.5935	10.5969			N/A
2/20/2019	EURSEK	9:30:00 AM	10.5518	10.5563			N/A

2/20/2019	EURSEK	11:30:00 AM					N/A
2/20/2019	EURSEK	1:30:00 PM	10.5597	10.5638			N/A
2/20/2019	EURSEK	3:30:00 PM	10.5702	10.5737			N/A
2/21/2019	EURSEK	9:30:00 AM	10.5771	10.5818			N/A
2/21/2019	EURSEK	11:30:00 AM	10.5876	10.5919			N/A
2/21/2019	EURSEK	1:30:00 PM	10.597	10.6008			N/A
2/21/2019	EURSEK	3:30:00 PM	10.6228	10.627			N/A
2/22/2019	EURSEK	9:30:00 AM	10.6131	10.6133			N/A
2/22/2019	EURSEK	11:30:00 AM					N/A
2/22/2019	EURSEK	1:30:00 PM	10.6072	10.6104			N/A
2/22/2019	EURSEK	3:30:00 PM	10.6005	10.6053			N/A
2/25/2019	EURSEK	9:30:00 AM	10.582	10.5867			N/A
2/25/2019	EURSEK	11:30:00 AM	10.5726	10.5774			N/A
2/25/2019	EURSEK	1:30:00 PM	10.5714	10.5761			N/A
2/25/2019	EURSEK	3:30:00 PM	10.5773	10.5816			N/A
2/26/2019	EURSEK	9:30:00 AM	10.5862	10.5898			N/A
2/26/2019	EURSEK	11:30:00 AM					N/A
2/26/2019	EURSEK	1:30:00 PM	10.5949	10.5974			N/A
2/26/2019	EURSEK	3:30:00 PM	10.5811	10.5848			N/A
2/27/2019	EURSEK	9:30:00 AM	10.5701	10.5749			N/A
2/27/2019	EURSEK	11:30:00 AM	10.5503	10.5551			N/A
2/27/2019	EURSEK	1:30:00 PM	10.5454	10.549			N/A
2/27/2019	EURSEK	3:30:00 PM	10.5381	10.5427			N/A
2/28/2019	EURSEK	9:30:00 AM	10.5429	10.5451			N/A
2/28/2019	EURSEK	11:30:00 AM					N/A
2/28/2019	EURSEK	1:30:00 PM	10.4804	10.4823			N/A
2/28/2019	EURSEK	3:30:00 PM	10.4807	10.4824			N/A
3/1/2019	EURSEK	9:30:00 AM	10.5062	10.5011			N/A
3/1/2019	EURSEK	11:30:00 AM	10.5008	10.5012			N/A
3/1/2019	EURSEK	1:30:00 PM	10.4962	10.5001			N/A
3/1/2019	EURSEK	3:30:00 PM	10.5029	10.507			N/A
3/4/2019	EURSEK	9:30:00 AM	10.5335	10.5375			N/A
3/4/2019	EURSEK	11:30:00 AM					N/A
3/4/2019	EURSEK	1:30:00 PM	10.5386	10.5435			N/A
3/4/2019	EURSEK	3:30:00 PM	10.5586	10.5623			N/A
3/5/2019	EURSEK	9:30:00 AM	10.6001	10.5971			N/A
3/5/2019	EURSEK	11:30:00 AM	10.5555	10.5607			N/A
3/5/2019	EURSEK	1:30:00 PM	10.5536	10.5557			N/A
3/5/2019	EURSEK	3:30:00 PM	10.5481	10.5521			N/A
3/6/2019	EURSEK	9:30:00 AM	10.5314	10.5324			N/A
3/6/2019	EURSEK	11:30:00 AM					N/A
3/6/2019	EURSEK	1:30:00 PM	10.5457	10.5507			N/A
3/6/2019	EURSEK	3:30:00 PM	10.5415	10.5431			N/A
3/7/2019	EURSEK	9:30:00 AM	10.51	10.5147			N/A
3/7/2019	EURSEK	11:30:00 AM	10.5272	10.5289			N/A
3/7/2019	EURSEK	1:30:00 PM	10.5578	10.5588			N/A
3/7/2019	EURSEK	3:30:00 PM	10.565	10.567			N/A
3/8/2019	EURSEK	9:30:00 AM	10.6244	10.6288			N/A
3/8/2019	EURSEK	11:30:00 AM					N/A
3/8/2019	EURSEK	1:30:00 PM	10.6295	10.6339			N/A

3/8/2019	EURSEK	3:30:00 PM	10.6344	10.6381			N/A
3/11/2019	EURSEK	9:30:00 AM	10.5759	10.5781			N/A
3/11/2019	EURSEK	11:30:00 AM	10.5938	10.598			N/A
3/11/2019	EURSEK	1:30:00 PM	10.5683	10.5731			N/A
3/11/2019	EURSEK	3:30:00 PM	10.5742	10.5759			N/A
3/12/2019	EURSEK	9:30:00 AM	10.5517	10.5556			N/A
3/12/2019	EURSEK	11:30:00 AM					N/A
3/12/2019	EURSEK	1:30:00 PM	10.5854	10.59			N/A
3/12/2019	EURSEK	3:30:00 PM	10.5753	10.5783			N/A
3/13/2019	EURSEK	9:30:00 AM	10.5742	10.5785			N/A
3/13/2019	EURSEK	11:30:00 AM	10.549	10.5538			N/A
3/13/2019	EURSEK	1:30:00 PM	10.5502	10.5542			N/A
3/13/2019	EURSEK	3:30:00 PM	10.5494	10.552			N/A
3/14/2019	EURSEK	9:30:00 AM	10.5289	10.5336			N/A
3/14/2019	EURSEK	11:30:00 AM					N/A
3/14/2019	EURSEK	1:30:00 PM	10.5488	10.5507			N/A
3/14/2019	EURSEK	3:30:00 PM	10.5362	10.5388			N/A
3/15/2019	EURSEK	9:30:00 AM	10.505	10.5091			N/A
3/15/2019	EURSEK	11:30:00 AM	10.5079	10.51			N/A
3/15/2019	EURSEK	1:30:00 PM	10.4788	10.4826			N/A
3/15/2019	EURSEK	3:30:00 PM	10.4962	10.4996			N/A
3/18/2019	EURSEK	9:30:00 AM	10.452	10.455			N/A
3/18/2019	EURSEK	11:30:00 AM					N/A
3/18/2019	EURSEK	1:30:00 PM	10.462	10.466			N/A
3/18/2019	EURSEK	3:30:00 PM	10.4682	10.471			N/A
3/19/2019	EURSEK	9:30:00 AM	10.4733	10.4717			N/A
3/19/2019	EURSEK	11:30:00 AM	10.4759	10.4792			N/A
3/19/2019	EURSEK	1:30:00 PM	10.4556	10.4599			N/A
3/19/2019	EURSEK	3:30:00 PM	10.4462	10.4503			N/A
3/20/2019	EURSEK	9:30:00 AM	10.4482	10.4526			N/A
3/20/2019	EURSEK	11:30:00 AM					N/A
3/20/2019	EURSEK	1:30:00 PM	10.4287	10.4325			N/A
3/20/2019	EURSEK	3:30:00 PM	10.4278	10.4325			N/A
3/21/2019	EURSEK	9:30:00 AM	10.415	10.4188			N/A
3/21/2019	EURSEK	11:30:00 AM	10.4187	10.4218			N/A
3/21/2019	EURSEK	1:30:00 PM	10.4233	10.4259			N/A
3/21/2019	EURSEK	3:30:00 PM	10.4225	10.4253			N/A
3/22/2019	EURSEK	9:30:00 AM	10.4312	10.4343			N/A
3/22/2019	EURSEK	11:30:00 AM					N/A
3/22/2019	EURSEK	1:30:00 PM	10.4679	10.4721			N/A
3/22/2019	EURSEK	3:30:00 PM	10.4706	10.4733			N/A
3/25/2019	EURSEK	9:30:00 AM	10.4657	10.4647			N/A
3/25/2019	EURSEK	11:30:00 AM	10.4427	10.4467			N/A
3/25/2019	EURSEK	1:30:00 PM	10.4391	10.4415			N/A
3/25/2019	EURSEK	3:30:00 PM	10.4436	10.4469			N/A
3/26/2019	EURSEK	9:30:00 AM	10.4566	10.4608			N/A
3/26/2019	EURSEK	11:30:00 AM					N/A
3/26/2019	EURSEK	1:30:00 PM	10.4365	10.4398			N/A
3/26/2019	EURSEK	3:30:00 PM	10.4235	10.4279			N/A
3/27/2019	EURSEK	9:30:00 AM	10.4307	10.434			N/A

3/27/2019	EURSEK	11:30:00 AM	10.4122	10.4127			N/A
3/27/2019	EURSEK	1:30:00 PM	10.4289	10.4305			N/A
3/27/2019	EURSEK	3:30:00 PM	10.4224	10.4217			N/A
3/28/2019	EURSEK	9:30:00 AM	10.442	10.4438			N/A
3/28/2019	EURSEK	11:30:00 AM					N/A
3/28/2019	EURSEK	1:30:00 PM	10.4961	10.4984			N/A
3/28/2019	EURSEK	3:30:00 PM	10.4703	10.4723			N/A
3/29/2019	EURSEK	9:30:00 AM	10.4231	10.4276			N/A
3/29/2019	EURSEK	11:30:00 AM	10.4132	10.4169			N/A
3/29/2019	EURSEK	1:30:00 PM	10.3999	10.404			N/A
3/29/2019	EURSEK	3:30:00 PM	10.3988	10.4015			N/A
1/1/2019	EURSGD	9:30:00 AM					N/A
1/1/2019	EURSGD	11:30:00 AM					N/A
1/1/2019	EURSGD	1:30:00 PM					N/A
1/1/2019	EURSGD	3:30:00 PM					N/A
1/2/2019	EURSGD	9:30:00 AM					N/A
1/2/2019	EURSGD	11:30:00 AM					N/A
1/2/2019	EURSGD	1:30:00 PM					N/A
1/2/2019	EURSGD	3:30:00 PM					N/A
1/3/2019	EURSGD	9:30:00 AM					N/A
1/3/2019	EURSGD	11:30:00 AM					N/A
1/3/2019	EURSGD	1:30:00 PM					N/A
1/3/2019	EURSGD	3:30:00 PM					N/A
1/4/2019	EURSGD	9:30:00 AM					N/A
1/4/2019	EURSGD	11:30:00 AM					N/A
1/4/2019	EURSGD	1:30:00 PM					N/A
1/4/2019	EURSGD	3:30:00 PM					N/A
1/7/2019	EURSGD	9:30:00 AM	1.5489	1.5494			N/A
1/7/2019	EURSGD	11:30:00 AM					N/A
1/7/2019	EURSGD	1:30:00 PM	1.5526	1.5533			N/A
1/7/2019	EURSGD	3:30:00 PM	1.5531	1.5539			N/A
1/8/2019	EURSGD	9:30:00 AM	1.5543	1.5546			N/A
1/8/2019	EURSGD	11:30:00 AM	1.5561	1.5565			N/A
1/8/2019	EURSGD	1:30:00 PM	1.555	1.5557			N/A
1/8/2019	EURSGD	3:30:00 PM	1.5545	1.5552			N/A
1/9/2019	EURSGD	9:30:00 AM	1.5554	1.5559			N/A
1/9/2019	EURSGD	11:30:00 AM					N/A
1/9/2019	EURSGD	1:30:00 PM	1.5526	1.5527			N/A
1/9/2019	EURSGD	3:30:00 PM	1.5526	1.5533			N/A
1/10/2019	EURSGD	9:30:00 AM	1.5603	1.5608			N/A
1/10/2019	EURSGD	11:30:00 AM	1.5579	1.5586			N/A
1/10/2019	EURSGD	1:30:00 PM	1.5582	1.559			N/A
1/10/2019	EURSGD	3:30:00 PM	1.5587	1.5591			N/A
1/11/2019	EURSGD	9:30:00 AM	1.5572	1.558			N/A
1/11/2019	EURSGD	11:30:00 AM					N/A
1/11/2019	EURSGD	1:30:00 PM	1.5566	1.5573			N/A
1/11/2019	EURSGD	3:30:00 PM	1.5578	1.5581			N/A
1/14/2019	EURSGD	9:30:00 AM	1.5522	1.5529			N/A
1/14/2019	EURSGD	11:30:00 AM	1.5532	1.5536			N/A
1/14/2019	EURSGD	1:30:00 PM	1.5526	1.5532			N/A

1/14/2019	EURSGD	3:30:00 PM	1.5522	1.553			N/A
1/15/2019	EURSGD	9:30:00 AM	1.5517	1.5524			N/A
1/15/2019	EURSGD	11:30:00 AM					N/A
1/15/2019	EURSGD	1:30:00 PM	1.5472	1.5479			N/A
1/15/2019	EURSGD	3:30:00 PM	1.5472	1.5478			N/A
1/16/2019	EURSGD	9:30:00 AM	1.5441	1.5445			N/A
1/16/2019	EURSGD	11:30:00 AM	1.5467	1.5473			N/A
1/16/2019	EURSGD	1:30:00 PM	1.544	1.5448			N/A
1/16/2019	EURSGD	3:30:00 PM	1.5441	1.5447			N/A
1/17/2019	EURSGD	9:30:00 AM	1.5438	1.5444			N/A
1/17/2019	EURSGD	11:30:00 AM					N/A
1/17/2019	EURSGD	1:30:00 PM	1.5456	1.5463			N/A
1/17/2019	EURSGD	3:30:00 PM	1.5451	1.5448			N/A
1/18/2019	EURSGD	9:30:00 AM	1.5451	1.5459			N/A
1/18/2019	EURSGD	11:30:00 AM	1.5457	1.5463			N/A
1/18/2019	EURSGD	1:30:00 PM	1.5465	1.5473			N/A
1/18/2019	EURSGD	3:30:00 PM	1.546	1.5467			N/A
1/21/2019	EURSGD	9:30:00 AM	1.5464	1.5471			N/A
1/21/2019	EURSGD	11:30:00 AM					N/A
1/21/2019	EURSGD	1:30:00 PM	1.5455	1.5463			N/A
1/21/2019	EURSGD	3:30:00 PM	1.5453	1.546			N/A
1/22/2019	EURSGD	9:30:00 AM	1.5447	1.5454			N/A
1/22/2019	EURSGD	11:30:00 AM	1.5459	1.5466			N/A
1/22/2019	EURSGD	1:30:00 PM	1.5457	1.5464			N/A
1/22/2019	EURSGD	3:30:00 PM	1.5448	1.5456			N/A
1/23/2019	EURSGD	9:30:00 AM	1.5446	1.5453			N/A
1/23/2019	EURSGD	11:30:00 AM					N/A
1/23/2019	EURSGD	1:30:00 PM	1.5449	1.5455			N/A
1/23/2019	EURSGD	3:30:00 PM	1.5446	1.5453			N/A
1/24/2019	EURSGD	9:30:00 AM	1.5463	1.5471			N/A
1/24/2019	EURSGD	11:30:00 AM	1.5435	1.5439			N/A
1/24/2019	EURSGD	1:30:00 PM	1.5428	1.543			N/A
1/24/2019	EURSGD	3:30:00 PM	1.5421	1.5426			N/A
1/25/2019	EURSGD	9:30:00 AM	1.5373	1.5379			N/A
1/25/2019	EURSGD	11:30:00 AM					N/A
1/25/2019	EURSGD	1:30:00 PM	1.5387	1.5394			N/A
1/25/2019	EURSGD	3:30:00 PM	1.5391	1.5397			N/A
1/28/2019	EURSGD	9:30:00 AM	1.5438	1.5445			N/A
1/28/2019	EURSGD	11:30:00 AM	1.5431	1.5439			N/A
1/28/2019	EURSGD	1:30:00 PM	1.5448	1.5455			N/A
1/28/2019	EURSGD	3:30:00 PM	1.5453	1.546			N/A
1/29/2019	EURSGD	9:30:00 AM	1.5472	1.5479			N/A
1/29/2019	EURSGD	11:30:00 AM					N/A
1/29/2019	EURSGD	1:30:00 PM	1.5458	1.5466			N/A
1/29/2019	EURSGD	3:30:00 PM	1.544	1.5448			N/A
1/30/2019	EURSGD	9:30:00 AM	1.5448	1.5455			N/A
1/30/2019	EURSGD	11:30:00 AM	1.5439	1.5447			N/A
1/30/2019	EURSGD	1:30:00 PM	1.5433	1.5442			N/A
1/30/2019	EURSGD	3:30:00 PM	1.5436	1.5443			N/A
1/31/2019	EURSGD	9:30:00 AM	1.5479	1.5485			N/A

1/31/2019	EURSGD	11:30:00 AM					N/A
1/31/2019	EURSGD	1:30:00 PM	1.5449	1.5456			N/A
1/31/2019	EURSGD	3:30:00 PM	1.5455	1.546			N/A
2/1/2019	EURSGD	9:30:00 AM	1.5437	1.5444			N/A
2/1/2019	EURSGD	11:30:00 AM	1.5456	1.5461			N/A
2/1/2019	EURSGD	1:30:00 PM	1.5468	1.5476			N/A
2/1/2019	EURSGD	3:30:00 PM	1.5476	1.546			N/A
2/4/2019	EURSGD	9:30:00 AM	1.548	1.5487			N/A
2/4/2019	EURSGD	11:30:00 AM					N/A
2/4/2019	EURSGD	1:30:00 PM	1.5483	1.549			N/A
2/4/2019	EURSGD	3:30:00 PM	1.5491	1.5497			N/A
2/5/2019	EURSGD	9:30:00 AM	1.5438	1.5446			N/A
2/5/2019	EURSGD	11:30:00 AM	1.5443	1.545			N/A
2/5/2019	EURSGD	1:30:00 PM	1.5441	1.5449			N/A
2/5/2019	EURSGD	3:30:00 PM	1.544	1.5446			N/A
2/6/2019	EURSGD	9:30:00 AM	1.5412	1.5419			N/A
2/6/2019	EURSGD	11:30:00 AM					N/A
2/6/2019	EURSGD	1:30:00 PM	1.5413	1.5421			N/A
2/6/2019	EURSGD	3:30:00 PM	1.5419	1.5426			N/A
2/7/2019	EURSGD	9:30:00 AM	1.5391	1.5399			N/A
2/7/2019	EURSGD	11:30:00 AM	1.5385	1.5393			N/A
2/7/2019	EURSGD	1:30:00 PM	1.5374	1.5381			N/A
2/7/2019	EURSGD	3:30:00 PM	1.5377	1.5384			N/A
2/8/2019	EURSGD	9:30:00 AM	1.5373	1.538			N/A
2/8/2019	EURSGD	11:30:00 AM					N/A
2/8/2019	EURSGD	1:30:00 PM	1.5372	1.538			N/A
2/8/2019	EURSGD	3:30:00 PM	1.5375	1.538			N/A
2/11/2019	EURSGD	9:30:00 AM	1.5359	1.5366			N/A
2/11/2019	EURSGD	11:30:00 AM	1.536	1.5358			N/A
2/11/2019	EURSGD	1:30:00 PM	1.5363	1.5371			N/A
2/11/2019	EURSGD	3:30:00 PM	1.5362	1.5369			N/A
2/12/2019	EURSGD	9:30:00 AM	1.5326	1.5335			N/A
2/12/2019	EURSGD	11:30:00 AM					N/A
2/12/2019	EURSGD	1:30:00 PM	1.5309	1.5315			N/A
2/12/2019	EURSGD	3:30:00 PM	1.5327	1.5336			N/A
2/13/2019	EURSGD	9:30:00 AM	1.535	1.5358			N/A
2/13/2019	EURSGD	11:30:00 AM	1.5351	1.5358			N/A
2/13/2019	EURSGD	1:30:00 PM	1.5341	1.5349			N/A
2/13/2019	EURSGD	3:30:00 PM	1.5337	1.5336			N/A
2/14/2019	EURSGD	9:30:00 AM	1.5309	1.5316			N/A
2/14/2019	EURSGD	11:30:00 AM					N/A
2/14/2019	EURSGD	1:30:00 PM	1.5313	1.532			N/A
2/14/2019	EURSGD	3:30:00 PM	1.5326	1.5319			N/A
2/15/2019	EURSGD	9:30:00 AM					N/A
2/15/2019	EURSGD	11:30:00 AM					N/A
2/15/2019	EURSGD	1:30:00 PM					N/A
2/15/2019	EURSGD	3:30:00 PM					N/A
2/18/2019	EURSGD	9:30:00 AM	1.5327	1.5335			N/A
2/18/2019	EURSGD	11:30:00 AM					N/A
2/18/2019	EURSGD	1:30:00 PM	1.535	1.5358			N/A

2/18/2019	EURSGD	3:30:00 PM	1.5351	1.5359			N/A
2/19/2019	EURSGD	9:30:00 AM	1.5337	1.5345			N/A
2/19/2019	EURSGD	11:30:00 AM	1.5335	1.5341			N/A
2/19/2019	EURSGD	1:30:00 PM	1.5308	1.5316			N/A
2/19/2019	EURSGD	3:30:00 PM	1.5316	1.5324			N/A
2/20/2019	EURSGD	9:30:00 AM	1.5332	1.5337			N/A
2/20/2019	EURSGD	11:30:00 AM					N/A
2/20/2019	EURSGD	1:30:00 PM	1.5318	1.5325			N/A
2/20/2019	EURSGD	3:30:00 PM	1.5323	1.5329			N/A
2/21/2019	EURSGD	9:30:00 AM	1.5329	1.5334			N/A
2/21/2019	EURSGD	11:30:00 AM	1.5332	1.5336			N/A
2/21/2019	EURSGD	1:30:00 PM	1.5342	1.5349			N/A
2/21/2019	EURSGD	3:30:00 PM	1.5359	1.5353			N/A
2/22/2019	EURSGD	9:30:00 AM	1.5347	1.5355			N/A
2/22/2019	EURSGD	11:30:00 AM					N/A
2/22/2019	EURSGD	1:30:00 PM	1.5332	1.5339			N/A
2/22/2019	EURSGD	3:30:00 PM	1.5322	1.5329			N/A
2/25/2019	EURSGD	9:30:00 AM	1.5329	1.5336			N/A
2/25/2019	EURSGD	11:30:00 AM	1.5318	1.5326			N/A
2/25/2019	EURSGD	1:30:00 PM	1.5325	1.5332			N/A
2/25/2019	EURSGD	3:30:00 PM	1.5323	1.5331			N/A
2/26/2019	EURSGD	9:30:00 AM	1.532	1.5328			N/A
2/26/2019	EURSGD	11:30:00 AM					N/A
2/26/2019	EURSGD	1:30:00 PM	1.5333	1.5342			N/A
2/26/2019	EURSGD	3:30:00 PM	1.533	1.5333			N/A
2/27/2019	EURSGD	9:30:00 AM	1.5331	1.5339			N/A
2/27/2019	EURSGD	11:30:00 AM	1.5346	1.5353			N/A
2/27/2019	EURSGD	1:30:00 PM	1.5359	1.5367			N/A
2/27/2019	EURSGD	3:30:00 PM	1.5343	1.5349			N/A
2/28/2019	EURSGD	9:30:00 AM	1.535	1.5355			N/A
2/28/2019	EURSGD	11:30:00 AM					N/A
2/28/2019	EURSGD	1:30:00 PM	1.5389	1.5395			N/A
2/28/2019	EURSGD	3:30:00 PM	1.5377	1.5367			N/A
3/1/2019	EURSGD	9:30:00 AM	1.5374	1.5381			N/A
3/1/2019	EURSGD	11:30:00 AM	1.5363	1.537			N/A
3/1/2019	EURSGD	1:30:00 PM	1.5385	1.5393			N/A
3/1/2019	EURSGD	3:30:00 PM	1.5395	1.5402			N/A
3/4/2019	EURSGD	9:30:00 AM	1.538	1.5388			N/A
3/4/2019	EURSGD	11:30:00 AM					N/A
3/4/2019	EURSGD	1:30:00 PM	1.5358	1.5366			N/A
3/4/2019	EURSGD	3:30:00 PM	1.536	1.5368			N/A
3/5/2019	EURSGD	9:30:00 AM	1.5335	1.5341			N/A
3/5/2019	EURSGD	11:30:00 AM	1.5343	1.535			N/A
3/5/2019	EURSGD	1:30:00 PM	1.535	1.5358			N/A
3/5/2019	EURSGD	3:30:00 PM	1.5352	1.5359			N/A
3/6/2019	EURSGD	9:30:00 AM	1.5333	1.5332			N/A
3/6/2019	EURSGD	11:30:00 AM					N/A
3/6/2019	EURSGD	1:30:00 PM	1.5344	1.5352			N/A
3/6/2019	EURSGD	3:30:00 PM	1.5353	1.5345			N/A
3/7/2019	EURSGD	9:30:00 AM	1.5335	1.5343			N/A

3/7/2019	EURSGD	11:30:00 AM	1.5345	1.5354			N/A
3/7/2019	EURSGD	1:30:00 PM	1.5349	1.5356			N/A
3/7/2019	EURSGD	3:30:00 PM	1.5299	1.5303			N/A
3/8/2019	EURSGD	9:30:00 AM	1.5236	1.5241			N/A
3/8/2019	EURSGD	11:30:00 AM					N/A
3/8/2019	EURSGD	1:30:00 PM	1.5254	1.5261			N/A
3/8/2019	EURSGD	3:30:00 PM	1.5272	1.526			N/A
3/11/2019	EURSGD	9:30:00 AM	1.5271	1.5279			N/A
3/11/2019	EURSGD	11:30:00 AM	1.528	1.5288			N/A
3/11/2019	EURSGD	1:30:00 PM	1.5281	1.5287			N/A
3/11/2019	EURSGD	3:30:00 PM	1.5284	1.5291			N/A
3/12/2019	EURSGD	9:30:00 AM	1.5266	1.5274			N/A
3/12/2019	EURSGD	11:30:00 AM					N/A
3/12/2019	EURSGD	1:30:00 PM	1.5275	1.5283			N/A
3/12/2019	EURSGD	3:30:00 PM	1.5289	1.5295			N/A
3/13/2019	EURSGD	9:30:00 AM	1.5305	1.5313			N/A
3/13/2019	EURSGD	11:30:00 AM	1.5306	1.5315			N/A
3/13/2019	EURSGD	1:30:00 PM	1.531	1.5317			N/A
3/13/2019	EURSGD	3:30:00 PM	1.5317	1.5323			N/A
3/14/2019	EURSGD	9:30:00 AM	1.5341	1.5348			N/A
3/14/2019	EURSGD	11:30:00 AM					N/A
3/14/2019	EURSGD	1:30:00 PM	1.5327	1.533			N/A
3/14/2019	EURSGD	3:30:00 PM	1.5322	1.5329			N/A
3/15/2019	EURSGD	9:30:00 AM	1.5327	1.5333			N/A
3/15/2019	EURSGD	11:30:00 AM	1.5324	1.5331			N/A
3/15/2019	EURSGD	1:30:00 PM	1.5325	1.5333			N/A
3/15/2019	EURSGD	3:30:00 PM	1.5315	1.5322			N/A
3/18/2019	EURSGD	9:30:00 AM	1.5321	1.5328			N/A
3/18/2019	EURSGD	11:30:00 AM					N/A
3/18/2019	EURSGD	1:30:00 PM	1.5342	1.535			N/A
3/18/2019	EURSGD	3:30:00 PM	1.533	1.5338			N/A
3/19/2019	EURSGD	9:30:00 AM	1.533	1.5338			N/A
3/19/2019	EURSGD	11:30:00 AM	1.5332	1.5339			N/A
3/19/2019	EURSGD	1:30:00 PM	1.5335	1.5343			N/A
3/19/2019	EURSGD	3:30:00 PM	1.5333	1.534			N/A
3/20/2019	EURSGD	9:30:00 AM	1.5337	1.5343			N/A
3/20/2019	EURSGD	11:30:00 AM					N/A
3/20/2019	EURSGD	1:30:00 PM	1.5326	1.5334			N/A
3/20/2019	EURSGD	3:30:00 PM	1.5335	1.5342			N/A
3/21/2019	EURSGD	9:30:00 AM	1.5383	1.5389			N/A
3/21/2019	EURSGD	11:30:00 AM	1.5361	1.5367			N/A
3/21/2019	EURSGD	1:30:00 PM	1.5352	1.5359			N/A
3/21/2019	EURSGD	3:30:00 PM	1.535	1.5356			N/A
3/22/2019	EURSGD	9:30:00 AM	1.5353	1.536			N/A
3/22/2019	EURSGD	11:30:00 AM					N/A
3/22/2019	EURSGD	1:30:00 PM	1.5269	1.5275			N/A
3/22/2019	EURSGD	3:30:00 PM	1.5264	1.5271			N/A
3/25/2019	EURSGD	9:30:00 AM	1.5275	1.5282			N/A
3/25/2019	EURSGD	11:30:00 AM	1.5286	1.5293			N/A
3/25/2019	EURSGD	1:30:00 PM	1.5273	1.5281			N/A

3/25/2019	EURSGD	3:30:00 PM	1.5275	1.5282			N/A
3/26/2019	EURSGD	9:30:00 AM	1.5269	1.5277			N/A
3/26/2019	EURSGD	11:30:00 AM					N/A
3/26/2019	EURSGD	1:30:00 PM	1.5276	1.5284			N/A
3/26/2019	EURSGD	3:30:00 PM	1.5253	1.526			N/A
3/27/2019	EURSGD	9:30:00 AM	1.5239	1.5246			N/A
3/27/2019	EURSGD	11:30:00 AM	1.526	1.5267			N/A
3/27/2019	EURSGD	1:30:00 PM	1.5269	1.5276			N/A
3/27/2019	EURSGD	3:30:00 PM	1.5252	1.5259			N/A
3/28/2019	EURSGD	9:30:00 AM	1.5243	1.5251			N/A
3/28/2019	EURSGD	11:30:00 AM					N/A
3/28/2019	EURSGD	1:30:00 PM	1.5229	1.5235			N/A
3/28/2019	EURSGD	3:30:00 PM	1.5231	1.5236			N/A
3/29/2019	EURSGD	9:30:00 AM	1.5212	1.5219			N/A
3/29/2019	EURSGD	11:30:00 AM	1.5211	1.5217			N/A
3/29/2019	EURSGD	1:30:00 PM	1.5216	1.5224			N/A
3/29/2019	EURSGD	3:30:00 PM	1.5213	1.522			N/A
1/1/2019	EURUSD	9:30:00 AM					N/A
1/1/2019	EURUSD	11:30:00 AM					N/A
1/1/2019	EURUSD	1:30:00 PM					N/A
1/1/2019	EURUSD	3:30:00 PM					N/A
1/2/2019	EURUSD	9:30:00 AM					N/A
1/2/2019	EURUSD	11:30:00 AM					N/A
1/2/2019	EURUSD	1:30:00 PM					N/A
1/2/2019	EURUSD	3:30:00 PM			12	12	N/A
1/3/2019	EURUSD	9:30:00 AM					N/A
1/3/2019	EURUSD	11:30:00 AM					N/A
1/3/2019	EURUSD	1:30:00 PM					N/A
1/3/2019	EURUSD	3:30:00 PM					N/A
1/4/2019	EURUSD	9:30:00 AM					N/A
1/4/2019	EURUSD	11:30:00 AM					N/A
1/4/2019	EURUSD	1:30:00 PM					N/A
1/4/2019	EURUSD	3:30:00 PM			2	2000	N/A
1/7/2019	EURUSD	9:30:00 AM	1.14122	1.14122			N/A
1/7/2019	EURUSD	11:30:00 AM					N/A
1/7/2019	EURUSD	1:30:00 PM	1.14357	1.14364			N/A
1/7/2019	EURUSD	3:30:00 PM	1.14499	1.14498			N/A
1/8/2019	EURUSD	9:30:00 AM	1.14453	1.14413			N/A
1/8/2019	EURUSD	11:30:00 AM	1.14586	1.14553		2	N/A
1/8/2019	EURUSD	1:30:00 PM	1.14446	1.14447			N/A
1/8/2019	EURUSD	3:30:00 PM	1.14391	1.14398			N/A
1/9/2019	EURUSD	9:30:00 AM	1.14643	1.14644			N/A
1/9/2019	EURUSD	11:30:00 AM					N/A
1/9/2019	EURUSD	1:30:00 PM	1.14449	1.14392			N/A
1/9/2019	EURUSD	3:30:00 PM	1.14492	1.14489			N/A
1/10/2019	EURUSD	9:30:00 AM	1.1549	1.15486			N/A
1/10/2019	EURUSD	11:30:00 AM	1.1524	1.15234			N/A
1/10/2019	EURUSD	1:30:00 PM	1.15333	1.15327			N/A
1/10/2019	EURUSD	3:30:00 PM	1.15358	1.15342			N/A
1/11/2019	EURUSD	9:30:00 AM	1.1528	1.1529			N/A

1/11/2019	EURUSD	11:30:00 AM					N/A
1/11/2019	EURUSD	1:30:00 PM	1.15226	1.15229			N/A
1/11/2019	EURUSD	3:30:00 PM	1.15325	1.1525			N/A
1/14/2019	EURUSD	9:30:00 AM	1.1463	1.14628			N/A
1/14/2019	EURUSD	11:30:00 AM	1.14697	1.14671			N/A
1/14/2019	EURUSD	1:30:00 PM	1.1466	1.14637			N/A
1/14/2019	EURUSD	3:30:00 PM	1.146	1.14608			N/A
1/15/2019	EURUSD	9:30:00 AM	1.14787	1.14787			N/A
1/15/2019	EURUSD	11:30:00 AM					N/A
1/15/2019	EURUSD	1:30:00 PM	1.14306	1.143			N/A
1/15/2019	EURUSD	3:30:00 PM	1.1424	1.14209			N/A
1/16/2019	EURUSD	9:30:00 AM	1.14041	1.14012			N/A
1/16/2019	EURUSD	11:30:00 AM	1.14185	1.1418			N/A
1/16/2019	EURUSD	1:30:00 PM	1.13924	1.13918			N/A
1/16/2019	EURUSD	3:30:00 PM	1.13912	1.13898			N/A
1/17/2019	EURUSD	9:30:00 AM	1.13768	1.13765			N/A
1/17/2019	EURUSD	11:30:00 AM					N/A
1/17/2019	EURUSD	1:30:00 PM	1.13985	1.1399			N/A
1/17/2019	EURUSD	3:30:00 PM	1.13969	1.13852			N/A
1/18/2019	EURUSD	9:30:00 AM	1.13947	1.13955			N/A
1/18/2019	EURUSD	11:30:00 AM	1.13937	1.13929			N/A
1/18/2019	EURUSD	1:30:00 PM	1.14064	1.14063			N/A
1/18/2019	EURUSD	3:30:00 PM	1.14017	1.1401			N/A
1/21/2019	EURUSD	9:30:00 AM	1.13824	1.13833			N/A
1/21/2019	EURUSD	11:30:00 AM					N/A
1/21/2019	EURUSD	1:30:00 PM	1.13678	1.13688			N/A
1/21/2019	EURUSD	3:30:00 PM	1.13592	1.13588			N/A
1/22/2019	EURUSD	9:30:00 AM	1.13492	1.13489			N/A
1/22/2019	EURUSD	11:30:00 AM	1.13614	1.13611			N/A
1/22/2019	EURUSD	1:30:00 PM	1.13583	1.13581			N/A
1/22/2019	EURUSD	3:30:00 PM	1.13512	1.13507			N/A
1/23/2019	EURUSD	9:30:00 AM	1.13634	1.13639	2900	2900	N/A
1/23/2019	EURUSD	11:30:00 AM					N/A
1/23/2019	EURUSD	1:30:00 PM	1.13637	1.13632			N/A
1/23/2019	EURUSD	3:30:00 PM	1.13628	1.13632			N/A
1/24/2019	EURUSD	9:30:00 AM	1.13723	1.13726			N/A
1/24/2019	EURUSD	11:30:00 AM	1.13423	1.13398			N/A
1/24/2019	EURUSD	1:30:00 PM	1.1342	1.13372			N/A
1/24/2019	EURUSD	3:30:00 PM	1.13349	1.13337			N/A
1/25/2019	EURUSD	9:30:00 AM	1.1321	1.13199			N/A
1/25/2019	EURUSD	11:30:00 AM					N/A
1/25/2019	EURUSD	1:30:00 PM	1.13436	1.13429			N/A
1/25/2019	EURUSD	3:30:00 PM	1.13468	1.13461			N/A
1/28/2019	EURUSD	9:30:00 AM	1.14131	1.14126			N/A
1/28/2019	EURUSD	11:30:00 AM	1.14034	1.14031			N/A
1/28/2019	EURUSD	1:30:00 PM	1.14162	1.14169			N/A
1/28/2019	EURUSD	3:30:00 PM	1.14186	1.14192			N/A
1/29/2019	EURUSD	9:30:00 AM	1.14396	1.14395		500	N/A
1/29/2019	EURUSD	11:30:00 AM					N/A
1/29/2019	EURUSD	1:30:00 PM	1.14303	1.14309			N/A

1/29/2019	EURUSD	3:30:00 PM	1.14192	1.14199		1000	N/A
1/30/2019	EURUSD	9:30:00 AM	1.14321	1.14323			N/A
1/30/2019	EURUSD	11:30:00 AM	1.14281	1.1429			N/A
1/30/2019	EURUSD	1:30:00 PM	1.14271	1.14284			N/A
1/30/2019	EURUSD	3:30:00 PM	1.14243	1.14238			N/A
1/31/2019	EURUSD	9:30:00 AM	1.15114	1.15115			N/A
1/31/2019	EURUSD	11:30:00 AM					N/A
1/31/2019	EURUSD	1:30:00 PM	1.14812	1.14816			N/A
1/31/2019	EURUSD	3:30:00 PM	1.14912	1.14858			N/A
2/1/2019	EURUSD	9:30:00 AM	1.1441	1.14411			N/A
2/1/2019	EURUSD	11:30:00 AM	1.14581	1.14571			N/A
2/1/2019	EURUSD	1:30:00 PM	1.14703	1.14716			N/A
2/1/2019	EURUSD	3:30:00 PM	1.14759	1.1454	1000	2000	N/A
2/4/2019	EURUSD	9:30:00 AM	1.14405	1.14413			N/A
2/4/2019	EURUSD	11:30:00 AM					N/A
2/4/2019	EURUSD	1:30:00 PM	1.14442	1.14446			N/A
2/4/2019	EURUSD	3:30:00 PM	1.1448	1.14475			N/A
2/5/2019	EURUSD	9:30:00 AM	1.14242	1.14245			N/A
2/5/2019	EURUSD	11:30:00 AM	1.14169	1.14157			N/A
2/5/2019	EURUSD	1:30:00 PM	1.14141	1.14152			N/A
2/5/2019	EURUSD	3:30:00 PM	1.14206	1.14191			N/A
2/6/2019	EURUSD	9:30:00 AM	1.13829	1.13826	3	3	N/A
2/6/2019	EURUSD	11:30:00 AM					N/A
2/6/2019	EURUSD	1:30:00 PM	1.1384	1.13847			N/A
2/6/2019	EURUSD	3:30:00 PM	1.13912	1.13904			N/A
2/7/2019	EURUSD	9:30:00 AM	1.13567	1.13577			N/A
2/7/2019	EURUSD	11:30:00 AM	1.13437	1.13447			N/A
2/7/2019	EURUSD	1:30:00 PM	1.13316	1.13312			N/A
2/7/2019	EURUSD	3:30:00 PM	1.13377	1.13372			N/A
2/8/2019	EURUSD	9:30:00 AM	1.13348	1.13354			N/A
2/8/2019	EURUSD	11:30:00 AM					N/A
2/8/2019	EURUSD	1:30:00 PM	1.13381	1.13395			N/A
2/8/2019	EURUSD	3:30:00 PM	1.13469	1.13463			N/A
2/11/2019	EURUSD	9:30:00 AM	1.13237	1.13244			N/A
2/11/2019	EURUSD	11:30:00 AM	1.13127	1.13131			N/A
2/11/2019	EURUSD	1:30:00 PM	1.13146	1.13148			N/A
2/11/2019	EURUSD	3:30:00 PM	1.13077	1.13071			N/A
2/12/2019	EURUSD	9:30:00 AM	1.12827	1.12836			N/A
2/12/2019	EURUSD	11:30:00 AM					N/A
2/12/2019	EURUSD	1:30:00 PM	1.1275	1.12748			N/A
2/12/2019	EURUSD	3:30:00 PM	1.12912	1.12922			N/A
2/13/2019	EURUSD	9:30:00 AM	1.13265	1.13271			N/A
2/13/2019	EURUSD	11:30:00 AM	1.13232	1.13239		1	N/A
2/13/2019	EURUSD	1:30:00 PM	1.13143	1.13156			N/A
2/13/2019	EURUSD	3:30:00 PM	1.13045	1.12957			N/A
2/14/2019	EURUSD	9:30:00 AM	1.12849	1.12848	100	100	N/A
2/14/2019	EURUSD	11:30:00 AM					N/A
2/14/2019	EURUSD	1:30:00 PM	1.12731	1.12728			N/A
2/14/2019	EURUSD	3:30:00 PM	1.1284	1.12747	200	200	N/A
2/15/2019	EURUSD	9:30:00 AM					N/A

2/15/2019	EURUSD	11:30:00 AM					N/A
2/15/2019	EURUSD	1:30:00 PM					N/A
2/15/2019	EURUSD	3:30:00 PM			2	3	N/A
2/18/2019	EURUSD	9:30:00 AM	1.13089	1.13084			N/A
2/18/2019	EURUSD	11:30:00 AM					N/A
2/18/2019	EURUSD	1:30:00 PM	1.13239	1.13247			N/A
2/18/2019	EURUSD	3:30:00 PM	1.13221	1.13226			N/A
2/19/2019	EURUSD	9:30:00 AM	1.13014	1.1302			N/A
2/19/2019	EURUSD	11:30:00 AM	1.13038	1.13014			N/A
2/19/2019	EURUSD	1:30:00 PM	1.12821	1.12824			N/A
2/19/2019	EURUSD	3:30:00 PM	1.12904	1.12907			N/A
2/20/2019	EURUSD	9:30:00 AM	1.13358	1.13349			N/A
2/20/2019	EURUSD	11:30:00 AM					N/A
2/20/2019	EURUSD	1:30:00 PM	1.13312	1.13313			N/A
2/20/2019	EURUSD	3:30:00 PM	1.13352	1.13345			N/A
2/21/2019	EURUSD	9:30:00 AM	1.13354	1.13343			N/A
2/21/2019	EURUSD	11:30:00 AM	1.13311	1.13285			N/A
2/21/2019	EURUSD	1:30:00 PM	1.13409	1.13407			N/A
2/21/2019	EURUSD	3:30:00 PM	1.13637	1.13509			N/A
2/22/2019	EURUSD	9:30:00 AM	1.13456	1.13459			N/A
2/22/2019	EURUSD	11:30:00 AM					N/A
2/22/2019	EURUSD	1:30:00 PM	1.1338	1.1338			N/A
2/22/2019	EURUSD	3:30:00 PM	1.13312	1.13317			N/A
2/25/2019	EURUSD	9:30:00 AM	1.13504	1.13506			N/A
2/25/2019	EURUSD	11:30:00 AM	1.13478	1.13487			N/A
2/25/2019	EURUSD	1:30:00 PM	1.13616	1.13614			N/A
2/25/2019	EURUSD	3:30:00 PM	1.13537	1.13532			N/A
2/26/2019	EURUSD	9:30:00 AM	1.13518	1.13518			N/A
2/26/2019	EURUSD	11:30:00 AM					N/A
2/26/2019	EURUSD	1:30:00 PM	1.13609	1.13623			N/A
2/26/2019	EURUSD	3:30:00 PM	1.13619	1.13565			N/A
2/27/2019	EURUSD	9:30:00 AM	1.13739	1.13743			N/A
2/27/2019	EURUSD	11:30:00 AM	1.13903	1.13903			N/A
2/27/2019	EURUSD	1:30:00 PM	1.13988	1.13983			N/A
2/27/2019	EURUSD	3:30:00 PM	1.13838	1.1383			N/A
2/28/2019	EURUSD	9:30:00 AM	1.13793	1.13769			N/A
2/28/2019	EURUSD	11:30:00 AM					N/A
2/28/2019	EURUSD	1:30:00 PM	1.14146	1.14137			N/A
2/28/2019	EURUSD	3:30:00 PM	1.14039	1.13893	400	400	N/A
3/1/2019	EURUSD	9:30:00 AM	1.1367	1.13676			N/A
3/1/2019	EURUSD	11:30:00 AM	1.13564	1.13569			N/A
3/1/2019	EURUSD	1:30:00 PM	1.13769	1.13774			N/A
3/1/2019	EURUSD	3:30:00 PM	1.13801	1.13803			N/A
3/4/2019	EURUSD	9:30:00 AM	1.13627	1.13635			N/A
3/4/2019	EURUSD	11:30:00 AM					N/A
3/4/2019	EURUSD	1:30:00 PM	1.1337	1.1337			N/A
3/4/2019	EURUSD	3:30:00 PM	1.13415	1.13419	7500	7500	N/A
3/5/2019	EURUSD	9:30:00 AM	1.13179	1.13177			N/A
3/5/2019	EURUSD	11:30:00 AM	1.13258	1.13259			N/A
3/5/2019	EURUSD	1:30:00 PM	1.13279	1.13286	1	1	N/A

3/5/2019	EURUSD	3:30:00 PM	1.13242	1.13237			N/A
3/6/2019	EURUSD	9:30:00 AM	1.1297	1.12969			N/A
3/6/2019	EURUSD	11:30:00 AM					N/A
3/6/2019	EURUSD	1:30:00 PM	1.13028	1.13034			N/A
3/6/2019	EURUSD	3:30:00 PM	1.1306	1.12928			N/A
3/7/2019	EURUSD	9:30:00 AM	1.13019	1.13029			N/A
3/7/2019	EURUSD	11:30:00 AM	1.13074	1.13088			N/A
3/7/2019	EURUSD	1:30:00 PM	1.13108	1.13113			N/A
3/7/2019	EURUSD	3:30:00 PM	1.12657	1.12625			N/A
3/8/2019	EURUSD	9:30:00 AM	1.12046	1.12041			N/A
3/8/2019	EURUSD	11:30:00 AM					N/A
3/8/2019	EURUSD	1:30:00 PM	1.12168	1.12173			N/A
3/8/2019	EURUSD	3:30:00 PM	1.12383	1.12201	2	2	N/A
3/11/2019	EURUSD	9:30:00 AM	1.12403	1.12402			N/A
3/11/2019	EURUSD	11:30:00 AM	1.12474	1.1247			N/A
3/11/2019	EURUSD	1:30:00 PM	1.12396	1.12402			N/A
3/11/2019	EURUSD	3:30:00 PM	1.12519	1.12515	1	3	N/A
3/12/2019	EURUSD	9:30:00 AM	1.12552	1.12558			N/A
3/12/2019	EURUSD	11:30:00 AM					N/A
3/12/2019	EURUSD	1:30:00 PM	1.12554	1.1256			N/A
3/12/2019	EURUSD	3:30:00 PM	1.12757	1.12747			N/A
3/13/2019	EURUSD	9:30:00 AM	1.12822	1.12828			N/A
3/13/2019	EURUSD	11:30:00 AM	1.12922	1.12937			N/A
3/13/2019	EURUSD	1:30:00 PM	1.1291	1.12912			N/A
3/13/2019	EURUSD	3:30:00 PM	1.12983	1.1297			N/A
3/14/2019	EURUSD	9:30:00 AM	1.13237	1.13246			N/A
3/14/2019	EURUSD	11:30:00 AM					N/A
3/14/2019	EURUSD	1:30:00 PM	1.13006	1.12973	5	1	N/A
3/14/2019	EURUSD	3:30:00 PM	1.12975	1.12979	1	1	N/A
3/15/2019	EURUSD	9:30:00 AM	1.13179	1.1317		1	N/A
3/15/2019	EURUSD	11:30:00 AM	1.13159	1.13167			N/A
3/15/2019	EURUSD	1:30:00 PM	1.13175	1.13191			N/A
3/15/2019	EURUSD	3:30:00 PM	1.13151	1.13134			N/A
3/18/2019	EURUSD	9:30:00 AM	1.13389	1.13382			N/A
3/18/2019	EURUSD	11:30:00 AM					N/A
3/18/2019	EURUSD	1:30:00 PM	1.13549	1.13554			N/A
3/18/2019	EURUSD	3:30:00 PM	1.13437	1.13441			N/A
3/19/2019	EURUSD	9:30:00 AM	1.13458	1.13466			N/A
3/19/2019	EURUSD	11:30:00 AM	1.13502	1.13508			N/A
3/19/2019	EURUSD	1:30:00 PM	1.13538	1.1355			N/A
3/19/2019	EURUSD	3:30:00 PM	1.13504	1.13501		100	N/A
3/20/2019	EURUSD	9:30:00 AM	1.13462	1.1347			N/A
3/20/2019	EURUSD	11:30:00 AM					N/A
3/20/2019	EURUSD	1:30:00 PM	1.13485	1.13495			N/A
3/20/2019	EURUSD	3:30:00 PM	1.13568	1.13571			N/A
3/21/2019	EURUSD	9:30:00 AM	1.14272	1.14278			N/A
3/21/2019	EURUSD	11:30:00 AM	1.14011	1.14001			N/A
3/21/2019	EURUSD	1:30:00 PM	1.13875	1.1387			N/A
3/21/2019	EURUSD	3:30:00 PM	1.13891	1.13873			N/A
3/22/2019	EURUSD	9:30:00 AM	1.13828	1.13831	100	3	N/A

3/22/2019	EURUSD	11:30:00 AM					N/A
3/22/2019	EURUSD	1:30:00 PM	1.13027	1.13032			N/A
3/22/2019	EURUSD	3:30:00 PM	1.13011	1.1302			N/A
3/25/2019	EURUSD	9:30:00 AM	1.13042	1.13043			N/A
3/25/2019	EURUSD	11:30:00 AM	1.13158	1.13158			N/A
3/25/2019	EURUSD	1:30:00 PM	1.13055	1.13069			N/A
3/25/2019	EURUSD	3:30:00 PM	1.13144	1.1315	1	1	N/A
3/26/2019	EURUSD	9:30:00 AM	1.13104	1.13107			N/A
3/26/2019	EURUSD	11:30:00 AM					N/A
3/26/2019	EURUSD	1:30:00 PM	1.13144	1.13145	1	1	N/A
3/26/2019	EURUSD	3:30:00 PM	1.12915	1.12907			N/A
3/27/2019	EURUSD	9:30:00 AM	1.1255	1.12542			N/A
3/27/2019	EURUSD	11:30:00 AM	1.12743	1.12737			N/A
3/27/2019	EURUSD	1:30:00 PM	1.12777	1.12784			N/A
3/27/2019	EURUSD	3:30:00 PM	1.12598	1.12588			N/A
3/28/2019	EURUSD	9:30:00 AM	1.1255	1.12561			N/A
3/28/2019	EURUSD	11:30:00 AM					N/A
3/28/2019	EURUSD	1:30:00 PM	1.12286	1.12275	3	2	N/A
3/28/2019	EURUSD	3:30:00 PM	1.12261	1.12239			N/A
3/29/2019	EURUSD	9:30:00 AM	1.12347	1.12347			N/A
3/29/2019	EURUSD	11:30:00 AM	1.12245	1.12237			N/A
3/29/2019	EURUSD	1:30:00 PM	1.123	1.12307			N/A
3/29/2019	EURUSD	3:30:00 PM	1.12325	1.12319			N/A
1/1/2019	EURZAR	9:30:00 AM					N/A
1/1/2019	EURZAR	11:30:00 AM					N/A
1/1/2019	EURZAR	1:30:00 PM					N/A
1/1/2019	EURZAR	3:30:00 PM					N/A
1/1/2019	EURZAR	1:30:00 PM					N/A
1/1/2019	EURZAR	3:30:00 PM					N/A
1/2/2019	EURZAR	9:30:00 AM					N/A
1/2/2019	EURZAR	11:30:00 AM					N/A
1/2/2019	EURZAR	1:30:00 PM					N/A
1/2/2019	EURZAR	3:30:00 PM					N/A
1/3/2019	EURZAR	9:30:00 AM					N/A
1/3/2019	EURZAR	11:30:00 AM					N/A
1/3/2019	EURZAR	1:30:00 PM					N/A
1/3/2019	EURZAR	3:30:00 PM					N/A
1/4/2019	EURZAR	9:30:00 AM					N/A
1/4/2019	EURZAR	11:30:00 AM					N/A
1/4/2019	EURZAR	1:30:00 PM					N/A
1/4/2019	EURZAR	3:30:00 PM					N/A
1/7/2019	EURZAR	9:30:00 AM	15.9146	15.9267			N/A
1/7/2019	EURZAR	11:30:00 AM					N/A
1/7/2019	EURZAR	1:30:00 PM	15.9199	15.9401			N/A
1/7/2019	EURZAR	3:30:00 PM	15.8564	15.8516			N/A
1/8/2019	EURZAR	9:30:00 AM	15.9814	15.9895			N/A
1/8/2019	EURZAR	11:30:00 AM	15.9756	15.9889			N/A
1/8/2019	EURZAR	1:30:00 PM	16.0195	16.0257			N/A
1/8/2019	EURZAR	3:30:00 PM	16.0018	16.02			N/A
1/9/2019	EURZAR	9:30:00 AM	15.8902	15.9085			N/A
1/9/2019	EURZAR	11:30:00 AM					N/A
1/9/2019	EURZAR	1:30:00 PM	16.0271	16.0341			N/A

1/9/2019	EURZAR	3:30:00 PM	15.9826	15.9914			N/A
1/10/2019	EURZAR	9:30:00 AM	16.0242	16.0364			N/A
1/10/2019	EURZAR	11:30:00 AM	16.0553	16.0728			N/A
1/10/2019	EURZAR	1:30:00 PM	15.9975	16.0064			N/A
1/10/2019	EURZAR	3:30:00 PM	15.9786	15.9792			N/A
1/11/2019	EURZAR	9:30:00 AM	15.9396	15.9575			N/A
1/11/2019	EURZAR	11:30:00 AM					N/A
1/11/2019	EURZAR	1:30:00 PM	15.9238	15.9335			N/A
1/11/2019	EURZAR	3:30:00 PM	15.9466	15.9558			N/A
1/14/2019	EURZAR	9:30:00 AM	15.9825	15.9869			N/A
1/14/2019	EURZAR	11:30:00 AM	15.9509	15.9648			N/A
1/14/2019	EURZAR	1:30:00 PM	15.942	15.9604			N/A
1/14/2019	EURZAR	3:30:00 PM	15.8929	15.9127			N/A
1/15/2019	EURZAR	9:30:00 AM	15.8285	15.8427			N/A
1/15/2019	EURZAR	11:30:00 AM					N/A
1/15/2019	EURZAR	1:30:00 PM	15.7759	15.7937			N/A
1/15/2019	EURZAR	3:30:00 PM	15.7723	15.7771			N/A
1/16/2019	EURZAR	9:30:00 AM	15.6382	15.6531			N/A
1/16/2019	EURZAR	11:30:00 AM	15.6049	15.6172			N/A
1/16/2019	EURZAR	1:30:00 PM	15.6099	15.629			N/A
1/16/2019	EURZAR	3:30:00 PM	15.6252	15.6377			N/A
1/17/2019	EURZAR	9:30:00 AM	15.6279	15.6388			N/A
1/17/2019	EURZAR	11:30:00 AM					N/A
1/17/2019	EURZAR	1:30:00 PM	15.627	15.643			N/A
1/17/2019	EURZAR	3:30:00 PM	15.6981	15.704			N/A
1/18/2019	EURZAR	9:30:00 AM	15.6529	15.6635			N/A
1/18/2019	EURZAR	11:30:00 AM	15.7203	15.7378			N/A
1/18/2019	EURZAR	1:30:00 PM	15.7475	15.7664			N/A
1/18/2019	EURZAR	3:30:00 PM	15.7006	15.715			N/A
1/21/2019	EURZAR	9:30:00 AM	15.7649	15.7845			N/A
1/21/2019	EURZAR	11:30:00 AM					N/A
1/21/2019	EURZAR	1:30:00 PM	15.754	15.7728			N/A
1/21/2019	EURZAR	3:30:00 PM	15.7425	15.756			N/A
1/22/2019	EURZAR	9:30:00 AM	15.7829	15.7927			N/A
1/22/2019	EURZAR	11:30:00 AM	15.7978	15.8177			N/A
1/22/2019	EURZAR	1:30:00 PM	15.8159	15.8299			N/A
1/22/2019	EURZAR	3:30:00 PM	15.7541	15.7718			N/A
1/23/2019	EURZAR	9:30:00 AM	15.8204	15.834			N/A
1/23/2019	EURZAR	11:30:00 AM					N/A
1/23/2019	EURZAR	1:30:00 PM	15.7407	15.7556			N/A
1/23/2019	EURZAR	3:30:00 PM	15.7591	15.7748			N/A
1/24/2019	EURZAR	9:30:00 AM	15.7138	15.7317			N/A
1/24/2019	EURZAR	11:30:00 AM	15.6529	15.6691			N/A
1/24/2019	EURZAR	1:30:00 PM	15.6758	15.6907			N/A
1/24/2019	EURZAR	3:30:00 PM	15.64	15.6555			N/A
1/25/2019	EURZAR	9:30:00 AM	15.4744	15.4854			N/A
1/25/2019	EURZAR	11:30:00 AM					N/A
1/25/2019	EURZAR	1:30:00 PM	15.5331	15.5495			N/A
1/25/2019	EURZAR	3:30:00 PM	15.4784	15.4943			N/A
1/28/2019	EURZAR	9:30:00 AM	15.5457	15.5479			N/A

1/28/2019	EURZAR	11:30:00 AM	15.5362	15.5547			N/A
1/28/2019	EURZAR	1:30:00 PM	15.5583	15.5719			N/A
1/28/2019	EURZAR	3:30:00 PM	15.601	15.6114			N/A
1/29/2019	EURZAR	9:30:00 AM	15.6491	15.6551			N/A
1/29/2019	EURZAR	11:30:00 AM					N/A
1/29/2019	EURZAR	1:30:00 PM	15.5987	15.6172			N/A
1/29/2019	EURZAR	3:30:00 PM	15.5477	15.5669			N/A
1/30/2019	EURZAR	9:30:00 AM	15.5316	15.5476			N/A
1/30/2019	EURZAR	11:30:00 AM	15.5315	15.5424			N/A
1/30/2019	EURZAR	1:30:00 PM	15.5369	15.551			N/A
1/30/2019	EURZAR	3:30:00 PM	15.5593	15.5692			N/A
1/31/2019	EURZAR	9:30:00 AM	15.3641	15.3814			N/A
1/31/2019	EURZAR	11:30:00 AM					N/A
1/31/2019	EURZAR	1:30:00 PM	15.2924	15.3023			N/A
1/31/2019	EURZAR	3:30:00 PM	15.2352	15.2459			N/A
2/1/2019	EURZAR	9:30:00 AM	15.2515	15.2706			N/A
2/1/2019	EURZAR	11:30:00 AM	15.2262	15.231			N/A
2/1/2019	EURZAR	1:30:00 PM	15.2207	15.2374			N/A
2/1/2019	EURZAR	3:30:00 PM	15.292	15.2613			N/A
2/4/2019	EURZAR	9:30:00 AM	15.2815	15.2959			N/A
2/4/2019	EURZAR	11:30:00 AM					N/A
2/4/2019	EURZAR	1:30:00 PM	15.298	15.3161			N/A
2/4/2019	EURZAR	3:30:00 PM	15.3378	15.351			N/A
2/5/2019	EURZAR	9:30:00 AM	15.3066	15.3239			N/A
2/5/2019	EURZAR	11:30:00 AM	15.2532	15.2672			N/A
2/5/2019	EURZAR	1:30:00 PM	15.271	15.2847			N/A
2/5/2019	EURZAR	3:30:00 PM	15.2608	15.2708			N/A
2/6/2019	EURZAR	9:30:00 AM	15.3107	15.3249			N/A
2/6/2019	EURZAR	11:30:00 AM					N/A
2/6/2019	EURZAR	1:30:00 PM	15.3335	15.3535			N/A
2/6/2019	EURZAR	3:30:00 PM	15.34	15.3578			N/A
2/7/2019	EURZAR	9:30:00 AM	15.4062	15.4241			N/A
2/7/2019	EURZAR	11:30:00 AM	15.4064	15.4257			N/A
2/7/2019	EURZAR	1:30:00 PM	15.4305	15.4479			N/A
2/7/2019	EURZAR	3:30:00 PM	15.4331	15.4412			N/A
2/8/2019	EURZAR	9:30:00 AM	15.4997	15.5164			N/A
2/8/2019	EURZAR	11:30:00 AM					N/A
2/8/2019	EURZAR	1:30:00 PM	15.4435	15.4639			N/A
2/8/2019	EURZAR	3:30:00 PM	15.4335	15.4422			N/A
2/11/2019	EURZAR	9:30:00 AM	15.3969	15.4162			N/A
2/11/2019	EURZAR	11:30:00 AM	15.4298	15.4417			N/A
2/11/2019	EURZAR	1:30:00 PM	15.5307	15.5451			N/A
2/11/2019	EURZAR	3:30:00 PM	15.534	15.5485			N/A
2/12/2019	EURZAR	9:30:00 AM	15.5313	15.5463			N/A
2/12/2019	EURZAR	11:30:00 AM					N/A
2/12/2019	EURZAR	1:30:00 PM	15.5367	15.5546			N/A
2/12/2019	EURZAR	3:30:00 PM	15.5308	15.5494			N/A
2/13/2019	EURZAR	9:30:00 AM	15.5564	15.576			N/A
2/13/2019	EURZAR	11:30:00 AM	15.6236	15.638			N/A
2/13/2019	EURZAR	1:30:00 PM	15.7101	15.7232			N/A

2/13/2019	EURZAR	3:30:00 PM	15.6862	15.6923			N/A
2/14/2019	EURZAR	9:30:00 AM	15.7611	15.7758			N/A
2/14/2019	EURZAR	11:30:00 AM					N/A
2/14/2019	EURZAR	1:30:00 PM	15.8879	15.9061			N/A
2/14/2019	EURZAR	3:30:00 PM	15.9771	15.9823			N/A
2/15/2019	EURZAR	9:30:00 AM					N/A
2/15/2019	EURZAR	11:30:00 AM					N/A
2/15/2019	EURZAR	1:30:00 PM					N/A
2/15/2019	EURZAR	3:30:00 PM					N/A
2/18/2019	EURZAR	9:30:00 AM	15.8858	15.8973			N/A
2/18/2019	EURZAR	11:30:00 AM					N/A
2/18/2019	EURZAR	1:30:00 PM	15.9287	15.9491			N/A
2/18/2019	EURZAR	3:30:00 PM	15.9616	15.9816			N/A
2/19/2019	EURZAR	9:30:00 AM	15.9728	15.9911			N/A
2/19/2019	EURZAR	11:30:00 AM	16.0389	16.0557			N/A
2/19/2019	EURZAR	1:30:00 PM	15.9912	16.0077			N/A
2/19/2019	EURZAR	3:30:00 PM	15.9938	16.0116			N/A
2/20/2019	EURZAR	9:30:00 AM	15.9711	15.9873			N/A
2/20/2019	EURZAR	11:30:00 AM					N/A
2/20/2019	EURZAR	1:30:00 PM	16.0241	16.0303			N/A
2/20/2019	EURZAR	3:30:00 PM	16.0003	16.01			N/A
2/21/2019	EURZAR	9:30:00 AM	15.8201	15.8291			N/A
2/21/2019	EURZAR	11:30:00 AM	15.7837	15.7948			N/A
2/21/2019	EURZAR	1:30:00 PM	15.7754	15.7858			N/A
2/21/2019	EURZAR	3:30:00 PM	15.8585	15.8656			N/A
2/22/2019	EURZAR	9:30:00 AM	15.8344	15.8538			N/A
2/22/2019	EURZAR	11:30:00 AM					N/A
2/22/2019	EURZAR	1:30:00 PM	15.8669	15.8853			N/A
2/22/2019	EURZAR	3:30:00 PM	15.845	15.8609			N/A
2/25/2019	EURZAR	9:30:00 AM	15.7846	15.8035			N/A
2/25/2019	EURZAR	11:30:00 AM	15.7412	15.7588			N/A
2/25/2019	EURZAR	1:30:00 PM	15.7362	15.7516			N/A
2/25/2019	EURZAR	3:30:00 PM	15.7525	15.7726			N/A
2/26/2019	EURZAR	9:30:00 AM	15.7269	15.7408			N/A
2/26/2019	EURZAR	11:30:00 AM					N/A
2/26/2019	EURZAR	1:30:00 PM	15.7467	15.7623			N/A
2/26/2019	EURZAR	3:30:00 PM	15.7428	15.7565			N/A
2/27/2019	EURZAR	9:30:00 AM	15.7625	15.7684			N/A
2/27/2019	EURZAR	11:30:00 AM	15.7715	15.7861			N/A
2/27/2019	EURZAR	1:30:00 PM	15.7905	15.8078			N/A
2/27/2019	EURZAR	3:30:00 PM	15.7812	15.7995			N/A
2/28/2019	EURZAR	9:30:00 AM	15.8751	15.8916			N/A
2/28/2019	EURZAR	11:30:00 AM					N/A
2/28/2019	EURZAR	1:30:00 PM	15.9154	15.9337			N/A
2/28/2019	EURZAR	3:30:00 PM	15.9222	15.9209			N/A
3/1/2019	EURZAR	9:30:00 AM	16.0074	16.0264			N/A
3/1/2019	EURZAR	11:30:00 AM	16.046	16.0609			N/A
3/1/2019	EURZAR	1:30:00 PM	16.0391	16.055			N/A
3/1/2019	EURZAR	3:30:00 PM	16.1297	16.1314			N/A
3/4/2019	EURZAR	9:30:00 AM	16.0849	16.1022			N/A

3/4/2019	EURZAR	11:30:00 AM					N/A
3/4/2019	EURZAR	1:30:00 PM	16.1416	16.1581			N/A
3/4/2019	EURZAR	3:30:00 PM	16.1113	16.12			N/A
3/5/2019	EURZAR	9:30:00 AM	16.0759	16.0926			N/A
3/5/2019	EURZAR	11:30:00 AM	16.0374	16.0336			N/A
3/5/2019	EURZAR	1:30:00 PM	16.0131	16.0277			N/A
3/5/2019	EURZAR	3:30:00 PM	16.0447	16.0589			N/A
3/6/2019	EURZAR	9:30:00 AM	16.0592	16.0775			N/A
3/6/2019	EURZAR	11:30:00 AM					N/A
3/6/2019	EURZAR	1:30:00 PM	16.051	16.069			N/A
3/6/2019	EURZAR	3:30:00 PM	16.0561	16.0629			N/A
3/7/2019	EURZAR	9:30:00 AM	16.0862	16.1064			N/A
3/7/2019	EURZAR	11:30:00 AM	16.1743	16.1842			N/A
3/7/2019	EURZAR	1:30:00 PM	16.2093	16.2222			N/A
3/7/2019	EURZAR	3:30:00 PM	16.1461	16.159			N/A
3/8/2019	EURZAR	9:30:00 AM	16.3207	16.3308			N/A
3/8/2019	EURZAR	11:30:00 AM					N/A
3/8/2019	EURZAR	1:30:00 PM	16.3	16.3002			N/A
3/8/2019	EURZAR	3:30:00 PM	16.3121	16.3034			N/A
3/11/2019	EURZAR	9:30:00 AM	16.204	16.2188			N/A
3/11/2019	EURZAR	11:30:00 AM	16.1574	16.1724			N/A
3/11/2019	EURZAR	1:30:00 PM	16.1671	16.1851			N/A
3/11/2019	EURZAR	3:30:00 PM	16.1483	16.1562			N/A
3/12/2019	EURZAR	9:30:00 AM	16.1021	16.1161			N/A
3/12/2019	EURZAR	11:30:00 AM					N/A
3/12/2019	EURZAR	1:30:00 PM	16.0764	16.0933			N/A
3/12/2019	EURZAR	3:30:00 PM	16.1033	16.1078			N/A
3/13/2019	EURZAR	9:30:00 AM	16.2008	16.2164			N/A
3/13/2019	EURZAR	11:30:00 AM	16.1898	16.2035			N/A
3/13/2019	EURZAR	1:30:00 PM	16.1869	16.2014			N/A
3/13/2019	EURZAR	3:30:00 PM	16.1848	16.2027			N/A
3/14/2019	EURZAR	9:30:00 AM	16.3489	16.3682			N/A
3/14/2019	EURZAR	11:30:00 AM					N/A
3/14/2019	EURZAR	1:30:00 PM	16.3258	16.3421			N/A
3/14/2019	EURZAR	3:30:00 PM	16.3639	16.3796			N/A
3/15/2019	EURZAR	9:30:00 AM	16.3604	16.3795			N/A
3/15/2019	EURZAR	11:30:00 AM	16.3466	16.3634			N/A
3/15/2019	EURZAR	1:30:00 PM	16.3441	16.3538			N/A
3/15/2019	EURZAR	3:30:00 PM	16.3251	16.3372			N/A
3/18/2019	EURZAR	9:30:00 AM	16.3525	16.3652			N/A
3/18/2019	EURZAR	11:30:00 AM					N/A
3/18/2019	EURZAR	1:30:00 PM	16.3576	16.3759			N/A
3/18/2019	EURZAR	3:30:00 PM	16.3252	16.3416			N/A
3/19/2019	EURZAR	9:30:00 AM	16.3972	16.4121			N/A
3/19/2019	EURZAR	11:30:00 AM	16.3183	16.3355			N/A
3/19/2019	EURZAR	1:30:00 PM	16.329	16.3441			N/A
3/19/2019	EURZAR	3:30:00 PM	16.3793	16.3887			N/A
3/20/2019	EURZAR	9:30:00 AM	16.4304	16.4508			N/A
3/20/2019	EURZAR	11:30:00 AM					N/A
3/20/2019	EURZAR	1:30:00 PM	16.4211	16.4365			N/A

3/20/2019	EURZAR	3:30:00 PM	16.362	16.3786			N/A
3/21/2019	EURZAR	9:30:00 AM	16.1765	16.1868			N/A
3/21/2019	EURZAR	11:30:00 AM	16.1693	16.1895			N/A
3/21/2019	EURZAR	1:30:00 PM	16.1881	16.2037			N/A
3/21/2019	EURZAR	3:30:00 PM	16.1582	16.1718			N/A
3/22/2019	EURZAR	9:30:00 AM	16.1792	16.193			N/A
3/22/2019	EURZAR	11:30:00 AM					N/A
3/22/2019	EURZAR	1:30:00 PM	16.2469	16.2611			N/A
3/22/2019	EURZAR	3:30:00 PM	16.254	16.2675			N/A
3/25/2019	EURZAR	9:30:00 AM	16.3874	16.3803			N/A
3/25/2019	EURZAR	11:30:00 AM	16.3157	16.3312			N/A
3/25/2019	EURZAR	1:30:00 PM	16.3478	16.3507			N/A
3/25/2019	EURZAR	3:30:00 PM	16.2986	16.3078			N/A
3/26/2019	EURZAR	9:30:00 AM	16.2276	16.2384			N/A
3/26/2019	EURZAR	11:30:00 AM					N/A
3/26/2019	EURZAR	1:30:00 PM	16.2491	16.2688			N/A
3/26/2019	EURZAR	3:30:00 PM	16.2472	16.2573			N/A
3/27/2019	EURZAR	9:30:00 AM	16.3077	16.3182			N/A
3/27/2019	EURZAR	11:30:00 AM	16.3068	16.3252			N/A
3/27/2019	EURZAR	1:30:00 PM	16.4945	16.4917			N/A
3/27/2019	EURZAR	3:30:00 PM	16.4373	16.4442			N/A
3/28/2019	EURZAR	9:30:00 AM	16.4261	16.4433			N/A
3/28/2019	EURZAR	11:30:00 AM					N/A
3/28/2019	EURZAR	1:30:00 PM	16.5246	16.5304			N/A
3/28/2019	EURZAR	3:30:00 PM	16.4753	16.4865			N/A
3/29/2019	EURZAR	9:30:00 AM	16.3613	16.3765			N/A
3/29/2019	EURZAR	11:30:00 AM	16.3281	16.3458			N/A
3/29/2019	EURZAR	1:30:00 PM	16.2735	16.2941			N/A
3/29/2019	EURZAR	3:30:00 PM	16.2592	16.2731			N/A
1/1/2019	GBPAUD	9:30:00 AM					N/A
1/1/2019	GBPAUD	11:30:00 AM					N/A
1/1/2019	GBPAUD	1:30:00 PM					N/A
1/1/2019	GBPAUD	3:30:00 PM					N/A
1/2/2019	GBPAUD	9:30:00 AM					N/A
1/2/2019	GBPAUD	11:30:00 AM					N/A
1/2/2019	GBPAUD	1:30:00 PM					N/A
1/2/2019	GBPAUD	3:30:00 PM					N/A
1/3/2019	GBPAUD	9:30:00 AM					N/A
1/3/2019	GBPAUD	11:30:00 AM					N/A
1/3/2019	GBPAUD	1:30:00 PM					N/A
1/3/2019	GBPAUD	3:30:00 PM					N/A
1/4/2019	GBPAUD	9:30:00 AM					N/A
1/4/2019	GBPAUD	11:30:00 AM					N/A
1/4/2019	GBPAUD	1:30:00 PM					N/A
1/4/2019	GBPAUD	3:30:00 PM					N/A
1/7/2019	GBPAUD	9:30:00 AM	1.78861	1.78875			N/A
1/7/2019	GBPAUD	11:30:00 AM					N/A
1/7/2019	GBPAUD	1:30:00 PM	1.7875	1.78805			N/A
1/7/2019	GBPAUD	3:30:00 PM	1.78748	1.78797			N/A
1/8/2019	GBPAUD	9:30:00 AM	1.79268	1.7931			N/A

1/8/2019	GBPAUD	11:30:00 AM	1.79073	1.79119			N/A
1/8/2019	GBPAUD	1:30:00 PM	1.78863	1.78901			N/A
1/8/2019	GBPAUD	3:30:00 PM	1.78663	1.78733			N/A
1/9/2019	GBPAUD	9:30:00 AM	1.7806	1.78109			N/A
1/9/2019	GBPAUD	11:30:00 AM					N/A
1/9/2019	GBPAUD	1:30:00 PM	1.77594	1.77641			N/A
1/9/2019	GBPAUD	3:30:00 PM	1.77627	1.77647			N/A
1/10/2019	GBPAUD	9:30:00 AM	1.77707	1.77759			N/A
1/10/2019	GBPAUD	11:30:00 AM	1.77753	1.77796			N/A
1/10/2019	GBPAUD	1:30:00 PM	1.77324	1.77368			N/A
1/10/2019	GBPAUD	3:30:00 PM	1.77485	1.7752			N/A
1/11/2019	GBPAUD	9:30:00 AM	1.76803	1.76834			N/A
1/11/2019	GBPAUD	11:30:00 AM					N/A
1/11/2019	GBPAUD	1:30:00 PM	1.76987	1.76964			N/A
1/11/2019	GBPAUD	3:30:00 PM	1.77473	1.77454			N/A
1/14/2019	GBPAUD	9:30:00 AM	1.78601	1.78669			N/A
1/14/2019	GBPAUD	11:30:00 AM	1.78334	1.78326			N/A
1/14/2019	GBPAUD	1:30:00 PM	1.78595	1.78618			N/A
1/14/2019	GBPAUD	3:30:00 PM	1.78653	1.78711			N/A
1/15/2019	GBPAUD	9:30:00 AM	1.78579	1.78598			N/A
1/15/2019	GBPAUD	11:30:00 AM					N/A
1/15/2019	GBPAUD	1:30:00 PM	1.78419	1.7844			N/A
1/15/2019	GBPAUD	3:30:00 PM	1.78546	1.78531			N/A
1/16/2019	GBPAUD	9:30:00 AM	1.78438	1.78414			N/A
1/16/2019	GBPAUD	11:30:00 AM	1.79191	1.79148			N/A
1/16/2019	GBPAUD	1:30:00 PM	1.79326	1.79365			N/A
1/16/2019	GBPAUD	3:30:00 PM	1.79168	1.79206			N/A
1/17/2019	GBPAUD	9:30:00 AM	1.79862	1.79903			N/A
1/17/2019	GBPAUD	11:30:00 AM					N/A
1/17/2019	GBPAUD	1:30:00 PM	1.80067	1.79909			N/A
1/17/2019	GBPAUD	3:30:00 PM	1.80095	1.80078			N/A
1/18/2019	GBPAUD	9:30:00 AM	1.80231	1.80259			N/A
1/18/2019	GBPAUD	11:30:00 AM	1.80315	1.80204			N/A
1/18/2019	GBPAUD	1:30:00 PM	1.80089	1.80071			N/A
1/18/2019	GBPAUD	3:30:00 PM	1.79776	1.79818			N/A
1/21/2019	GBPAUD	9:30:00 AM	1.79565	1.79614			N/A
1/21/2019	GBPAUD	11:30:00 AM					N/A
1/21/2019	GBPAUD	1:30:00 PM	1.7979	1.79838			N/A
1/21/2019	GBPAUD	3:30:00 PM	1.80051	1.80095			N/A
1/22/2019	GBPAUD	9:30:00 AM	1.80411	1.80416			N/A
1/22/2019	GBPAUD	11:30:00 AM	1.81116	1.81142			N/A
1/22/2019	GBPAUD	1:30:00 PM	1.81213	1.81276			N/A
1/22/2019	GBPAUD	3:30:00 PM	1.81056	1.81127			N/A
1/23/2019	GBPAUD	9:30:00 AM	1.81723	1.81774			N/A
1/23/2019	GBPAUD	11:30:00 AM					N/A
1/23/2019	GBPAUD	1:30:00 PM	1.82494	1.82518			N/A
1/23/2019	GBPAUD	3:30:00 PM	1.82809	1.82836			N/A
1/24/2019	GBPAUD	9:30:00 AM	1.83949	1.84026			N/A
1/24/2019	GBPAUD	11:30:00 AM	1.83774	1.83841			N/A
1/24/2019	GBPAUD	1:30:00 PM	1.83549	1.83589			N/A

1/24/2019	GBPAUD	3:30:00 PM	1.83574	1.83562			N/A
1/25/2019	GBPAUD	9:30:00 AM	1.84627	1.84617			N/A
1/25/2019	GBPAUD	11:30:00 AM					N/A
1/25/2019	GBPAUD	1:30:00 PM	1.84134	1.84181			N/A
1/25/2019	GBPAUD	3:30:00 PM	1.83632	1.83693			N/A
1/28/2019	GBPAUD	9:30:00 AM	1.83256	1.83298			N/A
1/28/2019	GBPAUD	11:30:00 AM	1.83156	1.83215			N/A
1/28/2019	GBPAUD	1:30:00 PM	1.83436	1.83456			N/A
1/28/2019	GBPAUD	3:30:00 PM	1.83317	1.834			N/A
1/29/2019	GBPAUD	9:30:00 AM	1.83557	1.83606			N/A
1/29/2019	GBPAUD	11:30:00 AM					N/A
1/29/2019	GBPAUD	1:30:00 PM	1.8363	1.8364			N/A
1/29/2019	GBPAUD	3:30:00 PM	1.83895	1.83914			N/A
1/30/2019	GBPAUD	9:30:00 AM	1.8189	1.81883			N/A
1/30/2019	GBPAUD	11:30:00 AM	1.82122	1.82177			N/A
1/30/2019	GBPAUD	1:30:00 PM	1.81924	1.81936			N/A
1/30/2019	GBPAUD	3:30:00 PM	1.81866	1.81931			N/A
1/31/2019	GBPAUD	9:30:00 AM	1.80828	1.80786			N/A
1/31/2019	GBPAUD	11:30:00 AM					N/A
1/31/2019	GBPAUD	1:30:00 PM	1.80435	1.80504			N/A
1/31/2019	GBPAUD	3:30:00 PM	1.80198	1.80211			N/A
2/1/2019	GBPAUD	9:30:00 AM	1.8096	1.81023			N/A
2/1/2019	GBPAUD	11:30:00 AM	1.80467	1.80476			N/A
2/1/2019	GBPAUD	1:30:00 PM	1.79896	1.79972			N/A
2/1/2019	GBPAUD	3:30:00 PM	1.79744	1.79553			N/A
2/4/2019	GBPAUD	9:30:00 AM	1.80685	1.80764			N/A
2/4/2019	GBPAUD	11:30:00 AM					N/A
2/4/2019	GBPAUD	1:30:00 PM	1.80587	1.80633			N/A
2/4/2019	GBPAUD	3:30:00 PM	1.80764	1.80813			N/A
2/5/2019	GBPAUD	9:30:00 AM	1.79605	1.79641			N/A
2/5/2019	GBPAUD	11:30:00 AM	1.80104	1.79858			N/A
2/5/2019	GBPAUD	1:30:00 PM	1.79491	1.79534			N/A
2/5/2019	GBPAUD	3:30:00 PM	1.79474	1.79494			N/A
2/6/2019	GBPAUD	9:30:00 AM	1.81132	1.81143			N/A
2/6/2019	GBPAUD	11:30:00 AM					N/A
2/6/2019	GBPAUD	1:30:00 PM	1.81625	1.81652			N/A
2/6/2019	GBPAUD	3:30:00 PM	1.81682	1.81742			N/A
2/7/2019	GBPAUD	9:30:00 AM	1.82127	1.82177			N/A
2/7/2019	GBPAUD	11:30:00 AM	1.81666	1.81726			N/A
2/7/2019	GBPAUD	1:30:00 PM	1.81642	1.81708			N/A
2/7/2019	GBPAUD	3:30:00 PM	1.81892	1.8191			N/A
2/8/2019	GBPAUD	9:30:00 AM	1.82762	1.8283			N/A
2/8/2019	GBPAUD	11:30:00 AM					N/A
2/8/2019	GBPAUD	1:30:00 PM	1.82907	1.82992			N/A
2/8/2019	GBPAUD	3:30:00 PM	1.82735	1.82729			N/A
2/11/2019	GBPAUD	9:30:00 AM	1.82166	1.82203			N/A
2/11/2019	GBPAUD	11:30:00 AM	1.82181	1.8205			N/A
2/11/2019	GBPAUD	1:30:00 PM	1.82388	1.82401			N/A
2/11/2019	GBPAUD	3:30:00 PM	1.82394	1.8239			N/A
2/12/2019	GBPAUD	9:30:00 AM	1.81704	1.81767			N/A

2/12/2019	GBPAUD	11:30:00 AM					N/A
2/12/2019	GBPAUD	1:30:00 PM	1.81398	1.81437			N/A
2/12/2019	GBPAUD	3:30:00 PM	1.81535	1.81608			N/A
2/13/2019	GBPAUD	9:30:00 AM	1.81251	1.81276			N/A
2/13/2019	GBPAUD	11:30:00 AM	1.81145	1.8115			N/A
2/13/2019	GBPAUD	1:30:00 PM	1.81127	1.81199			N/A
2/13/2019	GBPAUD	3:30:00 PM	1.81595	1.81578			N/A
2/14/2019	GBPAUD	9:30:00 AM	1.80473	1.80528			N/A
2/14/2019	GBPAUD	11:30:00 AM					N/A
2/14/2019	GBPAUD	1:30:00 PM	1.80529	1.80592			N/A
2/14/2019	GBPAUD	3:30:00 PM	1.80152	1.80185			N/A
2/15/2019	GBPAUD	9:30:00 AM					N/A
2/15/2019	GBPAUD	11:30:00 AM					N/A
2/15/2019	GBPAUD	1:30:00 PM					N/A
2/15/2019	GBPAUD	3:30:00 PM					N/A
2/18/2019	GBPAUD	9:30:00 AM	1.80416	1.80479			N/A
2/18/2019	GBPAUD	11:30:00 AM					N/A
2/18/2019	GBPAUD	1:30:00 PM	1.80768	1.80818			N/A
2/18/2019	GBPAUD	3:30:00 PM	1.8047	1.80508			N/A
2/19/2019	GBPAUD	9:30:00 AM	1.81292	1.81349			N/A
2/19/2019	GBPAUD	11:30:00 AM	1.81731	1.81732			N/A
2/19/2019	GBPAUD	1:30:00 PM	1.81615	1.81686			N/A
2/19/2019	GBPAUD	3:30:00 PM	1.82009	1.8202			N/A
2/20/2019	GBPAUD	9:30:00 AM	1.82129	1.82162			N/A
2/20/2019	GBPAUD	11:30:00 AM					N/A
2/20/2019	GBPAUD	1:30:00 PM	1.82063	1.82101			N/A
2/20/2019	GBPAUD	3:30:00 PM	1.82167	1.82194			N/A
2/21/2019	GBPAUD	9:30:00 AM	1.83161	1.82985			N/A
2/21/2019	GBPAUD	11:30:00 AM	1.83948	1.8398			N/A
2/21/2019	GBPAUD	1:30:00 PM	1.83369	1.83399			N/A
2/21/2019	GBPAUD	3:30:00 PM	1.8396	1.83945			N/A
2/22/2019	GBPAUD	9:30:00 AM	1.83323	1.83369			N/A
2/22/2019	GBPAUD	11:30:00 AM					N/A
2/22/2019	GBPAUD	1:30:00 PM	1.8299	1.83042			N/A
2/22/2019	GBPAUD	3:30:00 PM	1.823	1.82332			N/A
2/25/2019	GBPAUD	9:30:00 AM	1.82708	1.82747			N/A
2/25/2019	GBPAUD	11:30:00 AM	1.82535	1.8258			N/A
2/25/2019	GBPAUD	1:30:00 PM	1.82124	1.82163			N/A
2/25/2019	GBPAUD	3:30:00 PM	1.82325	1.82398			N/A
2/26/2019	GBPAUD	9:30:00 AM	1.8358	1.83635			N/A
2/26/2019	GBPAUD	11:30:00 AM					N/A
2/26/2019	GBPAUD	1:30:00 PM	1.84562	1.84606			N/A
2/26/2019	GBPAUD	3:30:00 PM	1.84428	1.84421			N/A
2/27/2019	GBPAUD	9:30:00 AM	1.84536	1.8459			N/A
2/27/2019	GBPAUD	11:30:00 AM	1.85082	1.85139			N/A
2/27/2019	GBPAUD	1:30:00 PM	1.85853	1.85895			N/A
2/27/2019	GBPAUD	3:30:00 PM	1.86121	1.86175			N/A
2/28/2019	GBPAUD	9:30:00 AM	1.8634	1.86392			N/A
2/28/2019	GBPAUD	11:30:00 AM					N/A
2/28/2019	GBPAUD	1:30:00 PM	1.86476	1.86517			N/A

2/28/2019	GBPAUD	3:30:00 PM	1.86475	1.86363			N/A
3/1/2019	GBPAUD	9:30:00 AM	1.86693	1.86754			N/A
3/1/2019	GBPAUD	11:30:00 AM	1.86589	1.86602			N/A
3/1/2019	GBPAUD	1:30:00 PM	1.86304	1.86347			N/A
3/1/2019	GBPAUD	3:30:00 PM	1.86198	1.8624			N/A
3/4/2019	GBPAUD	9:30:00 AM	1.86794	1.86841			N/A
3/4/2019	GBPAUD	11:30:00 AM					N/A
3/4/2019	GBPAUD	1:30:00 PM	1.8638	1.86394			N/A
3/4/2019	GBPAUD	3:30:00 PM	1.86365	1.86431			N/A
3/5/2019	GBPAUD	9:30:00 AM	1.85822	1.85886			N/A
3/5/2019	GBPAUD	11:30:00 AM	1.86217	1.86156			N/A
3/5/2019	GBPAUD	1:30:00 PM	1.85851	1.85912			N/A
3/5/2019	GBPAUD	3:30:00 PM	1.85235	1.85286			N/A
3/6/2019	GBPAUD	9:30:00 AM	1.86727	1.8677			N/A
3/6/2019	GBPAUD	11:30:00 AM					N/A
3/6/2019	GBPAUD	1:30:00 PM	1.86993	1.87045			N/A
3/6/2019	GBPAUD	3:30:00 PM	1.87005	1.87052			N/A
3/7/2019	GBPAUD	9:30:00 AM	1.87067	1.87126			N/A
3/7/2019	GBPAUD	11:30:00 AM	1.86967	1.86949			N/A
3/7/2019	GBPAUD	1:30:00 PM	1.86497	1.86551			N/A
3/7/2019	GBPAUD	3:30:00 PM	1.86476	1.86526			N/A
3/8/2019	GBPAUD	9:30:00 AM	1.86714	1.86776			N/A
3/8/2019	GBPAUD	11:30:00 AM					N/A
3/8/2019	GBPAUD	1:30:00 PM	1.86204	1.86269		100	N/A
3/8/2019	GBPAUD	3:30:00 PM	1.85886	1.85614			N/A
3/11/2019	GBPAUD	9:30:00 AM	1.84488	1.84517			N/A
3/11/2019	GBPAUD	11:30:00 AM	1.83983	1.84025			N/A
3/11/2019	GBPAUD	1:30:00 PM	1.84613	1.84656			N/A
3/11/2019	GBPAUD	3:30:00 PM	1.84907	1.84891			N/A
3/12/2019	GBPAUD	9:30:00 AM	1.86983	1.86859			N/A
3/12/2019	GBPAUD	11:30:00 AM					N/A
3/12/2019	GBPAUD	1:30:00 PM	1.84242	1.84201			N/A
3/12/2019	GBPAUD	3:30:00 PM	1.85108	1.84985			N/A
3/13/2019	GBPAUD	9:30:00 AM	1.85934	1.85911			N/A
3/13/2019	GBPAUD	11:30:00 AM	1.85805	1.85821			N/A
3/13/2019	GBPAUD	1:30:00 PM	1.86308	1.86347			N/A
3/13/2019	GBPAUD	3:30:00 PM	1.86523	1.86558			N/A
3/14/2019	GBPAUD	9:30:00 AM	1.87989	1.87951			N/A
3/14/2019	GBPAUD	11:30:00 AM					N/A
3/14/2019	GBPAUD	1:30:00 PM	1.87557	1.87575			N/A
3/14/2019	GBPAUD	3:30:00 PM	1.88108	1.88165			N/A
3/15/2019	GBPAUD	9:30:00 AM	1.8689	1.86959			N/A
3/15/2019	GBPAUD	11:30:00 AM	1.86879	1.86912			N/A
3/15/2019	GBPAUD	1:30:00 PM	1.87337	1.87399			N/A
3/15/2019	GBPAUD	3:30:00 PM	1.87244	1.8726			N/A
3/18/2019	GBPAUD	9:30:00 AM	1.8661	1.86684			N/A
3/18/2019	GBPAUD	11:30:00 AM					N/A
3/18/2019	GBPAUD	1:30:00 PM	1.8658	1.86592			N/A
3/18/2019	GBPAUD	3:30:00 PM	1.86573	1.86592			N/A
3/19/2019	GBPAUD	9:30:00 AM	1.86991	1.87066			N/A

3/19/2019	GBPAUD	11:30:00 AM	1.86882	1.86936			N/A
3/19/2019	GBPAUD	1:30:00 PM	1.87124	1.87103			N/A
3/19/2019	GBPAUD	3:30:00 PM	1.8674	1.86706	2	2	N/A
3/20/2019	GBPAUD	9:30:00 AM	1.86982	1.87041			N/A
3/20/2019	GBPAUD	11:30:00 AM					N/A
3/20/2019	GBPAUD	1:30:00 PM	1.86546	1.86556			N/A
3/20/2019	GBPAUD	3:30:00 PM	1.85749	1.85648			N/A
3/21/2019	GBPAUD	9:30:00 AM	1.84677	1.8458			N/A
3/21/2019	GBPAUD	11:30:00 AM	1.8446	1.84397			N/A
3/21/2019	GBPAUD	1:30:00 PM	1.83953	1.83949			N/A
3/21/2019	GBPAUD	3:30:00 PM	1.84337	1.84399			N/A
3/22/2019	GBPAUD	9:30:00 AM	1.84683	1.84709			N/A
3/22/2019	GBPAUD	11:30:00 AM					N/A
3/22/2019	GBPAUD	1:30:00 PM	1.85481	1.85493			N/A
3/22/2019	GBPAUD	3:30:00 PM	1.85495	1.85465			N/A
3/25/2019	GBPAUD	9:30:00 AM	1.85998	1.86047			N/A
3/25/2019	GBPAUD	11:30:00 AM	1.85919	1.85988			N/A
3/25/2019	GBPAUD	1:30:00 PM	1.85719	1.85775			N/A
3/25/2019	GBPAUD	3:30:00 PM	1.8629	1.86308			N/A
3/26/2019	GBPAUD	9:30:00 AM	1.85542	1.85513			N/A
3/26/2019	GBPAUD	11:30:00 AM					N/A
3/26/2019	GBPAUD	1:30:00 PM	1.85751	1.85777			N/A
3/26/2019	GBPAUD	3:30:00 PM	1.85484	1.85531			N/A
3/27/2019	GBPAUD	9:30:00 AM	1.85568	1.85576			N/A
3/27/2019	GBPAUD	11:30:00 AM	1.85829	1.859			N/A
3/27/2019	GBPAUD	1:30:00 PM	1.86157	1.86196			N/A
3/27/2019	GBPAUD	3:30:00 PM	1.8657	1.8662			N/A
3/28/2019	GBPAUD	9:30:00 AM	1.85512	1.85505			N/A
3/28/2019	GBPAUD	11:30:00 AM					N/A
3/28/2019	GBPAUD	1:30:00 PM	1.85136	1.85124			N/A
3/28/2019	GBPAUD	3:30:00 PM	1.85086	1.85154			N/A
3/29/2019	GBPAUD	9:30:00 AM	1.84298	1.84283			N/A
3/29/2019	GBPAUD	11:30:00 AM	1.83888	1.83852			N/A
3/29/2019	GBPAUD	1:30:00 PM	1.8466	1.84625			N/A
3/29/2019	GBPAUD	3:30:00 PM	1.84366	1.84378			N/A
1/1/2019	GBPCAD	9:30:00 AM					N/A
1/1/2019	GBPCAD	11:30:00 AM					N/A
1/1/2019	GBPCAD	1:30:00 PM					N/A
1/1/2019	GBPCAD	3:30:00 PM					N/A
1/2/2019	GBPCAD	9:30:00 AM					N/A
1/2/2019	GBPCAD	11:30:00 AM					N/A
1/2/2019	GBPCAD	1:30:00 PM					N/A
1/2/2019	GBPCAD	3:30:00 PM					N/A
1/3/2019	GBPCAD	9:30:00 AM					N/A
1/3/2019	GBPCAD	11:30:00 AM					N/A
1/3/2019	GBPCAD	1:30:00 PM					N/A
1/3/2019	GBPCAD	3:30:00 PM					N/A
1/4/2019	GBPCAD	9:30:00 AM					N/A
1/4/2019	GBPCAD	11:30:00 AM					N/A
1/4/2019	GBPCAD	1:30:00 PM					N/A

1/4/2019	GBPCAD	3:30:00 PM					N/A
1/7/2019	GBPCAD	9:30:00 AM	1.70242	1.70322			N/A
1/7/2019	GBPCAD	11:30:00 AM					N/A
1/7/2019	GBPCAD	1:30:00 PM	1.70193	1.70269			N/A
1/7/2019	GBPCAD	3:30:00 PM	1.70266	1.70295			N/A
1/8/2019	GBPCAD	9:30:00 AM	1.69676	1.69699			N/A
1/8/2019	GBPCAD	11:30:00 AM	1.69574	1.69638			N/A
1/8/2019	GBPCAD	1:30:00 PM	1.69402	1.69452			N/A
1/8/2019	GBPCAD	3:30:00 PM	1.69405	1.69475			N/A
1/9/2019	GBPCAD	9:30:00 AM	1.68568	1.68629			N/A
1/9/2019	GBPCAD	11:30:00 AM					N/A
1/9/2019	GBPCAD	1:30:00 PM	1.68487	1.68513			N/A
1/9/2019	GBPCAD	3:30:00 PM	1.68514	1.68532			N/A
1/10/2019	GBPCAD	9:30:00 AM	1.69046	1.69107			N/A
1/10/2019	GBPCAD	11:30:00 AM	1.68923	1.68974			N/A
1/10/2019	GBPCAD	1:30:00 PM	1.68356	1.68412			N/A
1/10/2019	GBPCAD	3:30:00 PM	1.68753	1.68752			N/A
1/11/2019	GBPCAD	9:30:00 AM	1.68364	1.68438			N/A
1/11/2019	GBPCAD	11:30:00 AM					N/A
1/11/2019	GBPCAD	1:30:00 PM	1.68826	1.68849			N/A
1/11/2019	GBPCAD	3:30:00 PM	1.69418	1.69437			N/A
1/14/2019	GBPCAD	9:30:00 AM	1.70545	1.70611			N/A
1/14/2019	GBPCAD	11:30:00 AM	1.70232	1.7024			N/A
1/14/2019	GBPCAD	1:30:00 PM	1.70664	1.70687			N/A
1/14/2019	GBPCAD	3:30:00 PM	1.70553	1.70626			N/A
1/15/2019	GBPCAD	9:30:00 AM	1.70935	1.70967			N/A
1/15/2019	GBPCAD	11:30:00 AM					N/A
1/15/2019	GBPCAD	1:30:00 PM	1.70368	1.70425			N/A
1/15/2019	GBPCAD	3:30:00 PM	1.70287	1.70273			N/A
1/16/2019	GBPCAD	9:30:00 AM	1.70425	1.70439			N/A
1/16/2019	GBPCAD	11:30:00 AM	1.70916	1.7087			N/A
1/16/2019	GBPCAD	1:30:00 PM	1.70735	1.70777			N/A
1/16/2019	GBPCAD	3:30:00 PM	1.70438	1.70487			N/A
1/17/2019	GBPCAD	9:30:00 AM	1.70944	1.7098			N/A
1/17/2019	GBPCAD	11:30:00 AM					N/A
1/17/2019	GBPCAD	1:30:00 PM	1.71392	1.71265			N/A
1/17/2019	GBPCAD	3:30:00 PM	1.71759	1.71759			N/A
1/18/2019	GBPCAD	9:30:00 AM	1.71956	1.71999			N/A
1/18/2019	GBPCAD	11:30:00 AM	1.71772	1.71684			N/A
1/18/2019	GBPCAD	1:30:00 PM	1.71712	1.71699			N/A
1/18/2019	GBPCAD	3:30:00 PM	1.71264	1.71266			N/A
1/21/2019	GBPCAD	9:30:00 AM	1.70862	1.70918			N/A
1/21/2019	GBPCAD	11:30:00 AM					N/A
1/21/2019	GBPCAD	1:30:00 PM	1.71051	1.71108			N/A
1/21/2019	GBPCAD	3:30:00 PM	1.71209	1.71277			N/A
1/22/2019	GBPCAD	9:30:00 AM	1.71525	1.71554			N/A
1/22/2019	GBPCAD	11:30:00 AM	1.71993	1.72008			N/A
1/22/2019	GBPCAD	1:30:00 PM	1.72039	1.72094			N/A
1/22/2019	GBPCAD	3:30:00 PM	1.72087	1.72055			N/A
1/23/2019	GBPCAD	9:30:00 AM	1.72757	1.72817			N/A

1/23/2019	GBPCAD	11:30:00 AM					N/A
1/23/2019	GBPCAD	1:30:00 PM	1.73475	1.73504			N/A
1/23/2019	GBPCAD	3:30:00 PM	1.73687	1.73679			N/A
1/24/2019	GBPCAD	9:30:00 AM	1.74441	1.74512			N/A
1/24/2019	GBPCAD	11:30:00 AM	1.7411	1.74189			N/A
1/24/2019	GBPCAD	1:30:00 PM	1.73966	1.73983			N/A
1/24/2019	GBPCAD	3:30:00 PM	1.7416	1.74122			N/A
1/25/2019	GBPCAD	9:30:00 AM	1.74498	1.7454			N/A
1/25/2019	GBPCAD	11:30:00 AM					N/A
1/25/2019	GBPCAD	1:30:00 PM	1.74353	1.74394			N/A
1/25/2019	GBPCAD	3:30:00 PM	1.74105	1.74171			N/A
1/28/2019	GBPCAD	9:30:00 AM	1.74157	1.74226			N/A
1/28/2019	GBPCAD	11:30:00 AM	1.73953	1.74028			N/A
1/28/2019	GBPCAD	1:30:00 PM	1.74202	1.74256			N/A
1/28/2019	GBPCAD	3:30:00 PM	1.74227	1.74304			N/A
1/29/2019	GBPCAD	9:30:00 AM	1.74374	1.74429			N/A
1/29/2019	GBPCAD	11:30:00 AM					N/A
1/29/2019	GBPCAD	1:30:00 PM	1.74381	1.7442			N/A
1/29/2019	GBPCAD	3:30:00 PM	1.74593	1.74625			N/A
1/30/2019	GBPCAD	9:30:00 AM	1.73475	1.73497			N/A
1/30/2019	GBPCAD	11:30:00 AM	1.73602	1.73674			N/A
1/30/2019	GBPCAD	1:30:00 PM	1.73379	1.73399			N/A
1/30/2019	GBPCAD	3:30:00 PM	1.72789	1.7286			N/A
1/31/2019	GBPCAD	9:30:00 AM	1.72642	1.7263			N/A
1/31/2019	GBPCAD	11:30:00 AM					N/A
1/31/2019	GBPCAD	1:30:00 PM	1.72448	1.72499			N/A
1/31/2019	GBPCAD	3:30:00 PM	1.72416	1.72343			N/A
2/1/2019	GBPCAD	9:30:00 AM	1.72389	1.72454			N/A
2/1/2019	GBPCAD	11:30:00 AM	1.72121	1.72143			N/A
2/1/2019	GBPCAD	1:30:00 PM	1.71665	1.71725			N/A
2/1/2019	GBPCAD	3:30:00 PM	1.71502	1.7143			N/A
2/4/2019	GBPCAD	9:30:00 AM	1.71262	1.71328			N/A
2/4/2019	GBPCAD	11:30:00 AM					N/A
2/4/2019	GBPCAD	1:30:00 PM	1.70933	1.7099			N/A
2/4/2019	GBPCAD	3:30:00 PM	1.71226	1.71296			N/A
2/5/2019	GBPCAD	9:30:00 AM	1.70957	1.71039			N/A
2/5/2019	GBPCAD	11:30:00 AM	1.7099	1.70749			N/A
2/5/2019	GBPCAD	1:30:00 PM	1.70463	1.70534			N/A
2/5/2019	GBPCAD	3:30:00 PM	1.70624	1.70671			N/A
2/6/2019	GBPCAD	9:30:00 AM	1.70412	1.70441			N/A
2/6/2019	GBPCAD	11:30:00 AM					N/A
2/6/2019	GBPCAD	1:30:00 PM	1.70987	1.71027			N/A
2/6/2019	GBPCAD	3:30:00 PM	1.70752	1.70758			N/A
2/7/2019	GBPCAD	9:30:00 AM	1.71271	1.71315			N/A
2/7/2019	GBPCAD	11:30:00 AM	1.70773	1.70834			N/A
2/7/2019	GBPCAD	1:30:00 PM	1.7093	1.71003			N/A
2/7/2019	GBPCAD	3:30:00 PM	1.71665	1.71683			N/A
2/8/2019	GBPCAD	9:30:00 AM	1.72394	1.72441			N/A
2/8/2019	GBPCAD	11:30:00 AM					N/A
2/8/2019	GBPCAD	1:30:00 PM	1.72596	1.72679			N/A

2/8/2019	GBPCAD	3:30:00 PM	1.72156	1.71775			N/A
2/11/2019	GBPCAD	9:30:00 AM	1.71844	1.71902			N/A
2/11/2019	GBPCAD	11:30:00 AM	1.71463	1.71319			N/A
2/11/2019	GBPCAD	1:30:00 PM	1.71459	1.71498			N/A
2/11/2019	GBPCAD	3:30:00 PM	1.7129	1.71343			N/A
2/12/2019	GBPCAD	9:30:00 AM	1.70866	1.70932			N/A
2/12/2019	GBPCAD	11:30:00 AM					N/A
2/12/2019	GBPCAD	1:30:00 PM	1.70551	1.70584			N/A
2/12/2019	GBPCAD	3:30:00 PM	1.70669	1.7073			N/A
2/13/2019	GBPCAD	9:30:00 AM	1.70606	1.70637			N/A
2/13/2019	GBPCAD	11:30:00 AM	1.7049	1.70454			N/A
2/13/2019	GBPCAD	1:30:00 PM	1.7055	1.70623			N/A
2/13/2019	GBPCAD	3:30:00 PM	1.7106	1.71064			N/A
2/14/2019	GBPCAD	9:30:00 AM	1.70293	1.70357			N/A
2/14/2019	GBPCAD	11:30:00 AM					N/A
2/14/2019	GBPCAD	1:30:00 PM	1.70108	1.7017			N/A
2/14/2019	GBPCAD	3:30:00 PM	1.70161	1.70117			N/A
2/15/2019	GBPCAD	9:30:00 AM					N/A
2/15/2019	GBPCAD	11:30:00 AM					N/A
2/15/2019	GBPCAD	1:30:00 PM					N/A
2/15/2019	GBPCAD	3:30:00 PM					N/A
2/18/2019	GBPCAD	9:30:00 AM	1.70772	1.70842			N/A
2/18/2019	GBPCAD	11:30:00 AM					N/A
2/18/2019	GBPCAD	1:30:00 PM	1.71182	1.71247			N/A
2/18/2019	GBPCAD	3:30:00 PM	1.7097	1.71018			N/A
2/19/2019	GBPCAD	9:30:00 AM	1.71062	1.71118			N/A
2/19/2019	GBPCAD	11:30:00 AM	1.71307	1.71283			N/A
2/19/2019	GBPCAD	1:30:00 PM	1.71105	1.71185			N/A
2/19/2019	GBPCAD	3:30:00 PM	1.71411	1.71446			N/A
2/20/2019	GBPCAD	9:30:00 AM	1.72109	1.72178			N/A
2/20/2019	GBPCAD	11:30:00 AM					N/A
2/20/2019	GBPCAD	1:30:00 PM	1.71639	1.7165			N/A
2/20/2019	GBPCAD	3:30:00 PM	1.71965	1.7198			N/A
2/21/2019	GBPCAD	9:30:00 AM	1.71866	1.71916			N/A
2/21/2019	GBPCAD	11:30:00 AM	1.72483	1.72501			N/A
2/21/2019	GBPCAD	1:30:00 PM	1.71909	1.71928			N/A
2/21/2019	GBPCAD	3:30:00 PM	1.723	1.72166			N/A
2/22/2019	GBPCAD	9:30:00 AM	1.7247	1.72532			N/A
2/22/2019	GBPCAD	11:30:00 AM					N/A
2/22/2019	GBPCAD	1:30:00 PM	1.71898	1.71945			N/A
2/22/2019	GBPCAD	3:30:00 PM	1.71751	1.71606			N/A
2/25/2019	GBPCAD	9:30:00 AM	1.71478	1.71519			N/A
2/25/2019	GBPCAD	11:30:00 AM	1.71646	1.71694			N/A
2/25/2019	GBPCAD	1:30:00 PM	1.71517	1.71554			N/A
2/25/2019	GBPCAD	3:30:00 PM	1.71892	1.71958			N/A
2/26/2019	GBPCAD	9:30:00 AM	1.73572	1.73608			N/A
2/26/2019	GBPCAD	11:30:00 AM					N/A
2/26/2019	GBPCAD	1:30:00 PM	1.74362	1.74424			N/A
2/26/2019	GBPCAD	3:30:00 PM	1.74392	1.74403			N/A
2/27/2019	GBPCAD	9:30:00 AM	1.74558	1.74613			N/A

2/27/2019	GBPCAD	11:30:00 AM	1.74561	1.74633			N/A
2/27/2019	GBPCAD	1:30:00 PM	1.74955	1.74996			N/A
2/27/2019	GBPCAD	3:30:00 PM	1.75114	1.75054			N/A
2/28/2019	GBPCAD	9:30:00 AM	1.75075	1.75123			N/A
2/28/2019	GBPCAD	11:30:00 AM					N/A
2/28/2019	GBPCAD	1:30:00 PM	1.75299	1.75357			N/A
2/28/2019	GBPCAD	3:30:00 PM	1.75442	1.75403			N/A
3/1/2019	GBPCAD	9:30:00 AM	1.74093	1.74165			N/A
3/1/2019	GBPCAD	11:30:00 AM	1.73929	1.73943			N/A
3/1/2019	GBPCAD	1:30:00 PM	1.73972	1.74033			N/A
3/1/2019	GBPCAD	3:30:00 PM	1.74724	1.74601			N/A
3/4/2019	GBPCAD	9:30:00 AM	1.75928	1.75984			N/A
3/4/2019	GBPCAD	11:30:00 AM					N/A
3/4/2019	GBPCAD	1:30:00 PM	1.75769	1.75784			N/A
3/4/2019	GBPCAD	3:30:00 PM	1.75925	1.75975			N/A
3/5/2019	GBPCAD	9:30:00 AM	1.75391	1.75423			N/A
3/5/2019	GBPCAD	11:30:00 AM	1.75954	1.75883			N/A
3/5/2019	GBPCAD	1:30:00 PM	1.75514	1.75572			N/A
3/5/2019	GBPCAD	3:30:00 PM	1.74896	1.74912			N/A
3/6/2019	GBPCAD	9:30:00 AM	1.75434	1.75484			N/A
3/6/2019	GBPCAD	11:30:00 AM					N/A
3/6/2019	GBPCAD	1:30:00 PM	1.75775	1.75809			N/A
3/6/2019	GBPCAD	3:30:00 PM	1.75974	1.75983			N/A
3/7/2019	GBPCAD	9:30:00 AM	1.77074	1.77142			N/A
3/7/2019	GBPCAD	11:30:00 AM	1.7693	1.76901			N/A
3/7/2019	GBPCAD	1:30:00 PM	1.76442	1.76513			N/A
3/7/2019	GBPCAD	3:30:00 PM	1.76267	1.76322			N/A
3/8/2019	GBPCAD	9:30:00 AM	1.76091	1.76151			N/A
3/8/2019	GBPCAD	11:30:00 AM					N/A
3/8/2019	GBPCAD	1:30:00 PM	1.76001	1.76071			N/A
3/8/2019	GBPCAD	3:30:00 PM	1.75537	1.75401			N/A
3/11/2019	GBPCAD	9:30:00 AM	1.74463	1.74512			N/A
3/11/2019	GBPCAD	11:30:00 AM	1.73995	1.74047			N/A
3/11/2019	GBPCAD	1:30:00 PM	1.74553	1.74582			N/A
3/11/2019	GBPCAD	3:30:00 PM	1.75118	1.75153			N/A
3/12/2019	GBPCAD	9:30:00 AM	1.77159	1.77017			N/A
3/12/2019	GBPCAD	11:30:00 AM					N/A
3/12/2019	GBPCAD	1:30:00 PM	1.74571	1.74531			N/A
3/12/2019	GBPCAD	3:30:00 PM	1.75591	1.7546			N/A
3/13/2019	GBPCAD	9:30:00 AM	1.75239	1.75229			N/A
3/13/2019	GBPCAD	11:30:00 AM	1.75392	1.75403			N/A
3/13/2019	GBPCAD	1:30:00 PM	1.75703	1.7574			N/A
3/13/2019	GBPCAD	3:30:00 PM	1.75837	1.7578			N/A
3/14/2019	GBPCAD	9:30:00 AM	1.76857	1.76802			N/A
3/14/2019	GBPCAD	11:30:00 AM					N/A
3/14/2019	GBPCAD	1:30:00 PM	1.76168	1.76195			N/A
3/14/2019	GBPCAD	3:30:00 PM	1.76857	1.76915			N/A
3/15/2019	GBPCAD	9:30:00 AM	1.76161	1.76234			N/A
3/15/2019	GBPCAD	11:30:00 AM	1.76172	1.76216			N/A
3/15/2019	GBPCAD	1:30:00 PM	1.76602	1.76668			N/A

3/15/2019	GBPCAD	3:30:00 PM	1.77093	1.77107			N/A
3/18/2019	GBPCAD	9:30:00 AM	1.76739	1.76812			N/A
3/18/2019	GBPCAD	11:30:00 AM					N/A
3/18/2019	GBPCAD	1:30:00 PM	1.76717	1.76719			N/A
3/18/2019	GBPCAD	3:30:00 PM	1.76662	1.76723			N/A
3/19/2019	GBPCAD	9:30:00 AM	1.76915	1.76992			N/A
3/19/2019	GBPCAD	11:30:00 AM	1.76697	1.76751			N/A
3/19/2019	GBPCAD	1:30:00 PM	1.76758	1.76779			N/A
3/19/2019	GBPCAD	3:30:00 PM	1.75841	1.75823			N/A
3/20/2019	GBPCAD	9:30:00 AM	1.76703	1.76768			N/A
3/20/2019	GBPCAD	11:30:00 AM					N/A
3/20/2019	GBPCAD	1:30:00 PM	1.76362	1.76377			N/A
3/20/2019	GBPCAD	3:30:00 PM	1.75658	1.75566			N/A
3/21/2019	GBPCAD	9:30:00 AM	1.75623	1.75594			N/A
3/21/2019	GBPCAD	11:30:00 AM	1.75261	1.75221			N/A
3/21/2019	GBPCAD	1:30:00 PM	1.74827	1.74819			N/A
3/21/2019	GBPCAD	3:30:00 PM	1.75247	1.75288			N/A
3/22/2019	GBPCAD	9:30:00 AM	1.7542	1.7546			N/A
3/22/2019	GBPCAD	11:30:00 AM					N/A
3/22/2019	GBPCAD	1:30:00 PM	1.76106	1.76138			N/A
3/22/2019	GBPCAD	3:30:00 PM	1.76515	1.76467			N/A
3/25/2019	GBPCAD	9:30:00 AM	1.76797	1.7683			N/A
3/25/2019	GBPCAD	11:30:00 AM	1.76882	1.7694			N/A
3/25/2019	GBPCAD	1:30:00 PM	1.76869	1.76906			N/A
3/25/2019	GBPCAD	3:30:00 PM	1.77776	1.77798			N/A
3/26/2019	GBPCAD	9:30:00 AM	1.77055	1.77037			N/A
3/26/2019	GBPCAD	11:30:00 AM					N/A
3/26/2019	GBPCAD	1:30:00 PM	1.77331	1.77329			N/A
3/26/2019	GBPCAD	3:30:00 PM	1.77251	1.77241			N/A
3/27/2019	GBPCAD	9:30:00 AM	1.76501	1.76507			N/A
3/27/2019	GBPCAD	11:30:00 AM	1.76653	1.76701			N/A
3/27/2019	GBPCAD	1:30:00 PM	1.77113	1.77152			N/A
3/27/2019	GBPCAD	3:30:00 PM	1.77367	1.77422			N/A
3/28/2019	GBPCAD	9:30:00 AM	1.76685	1.76674			N/A
3/28/2019	GBPCAD	11:30:00 AM					N/A
3/28/2019	GBPCAD	1:30:00 PM	1.7617	1.76169			N/A
3/28/2019	GBPCAD	3:30:00 PM	1.7599	1.76035			N/A
3/29/2019	GBPCAD	9:30:00 AM	1.75651	1.75652			N/A
3/29/2019	GBPCAD	11:30:00 AM	1.74918	1.74868			N/A
3/29/2019	GBPCAD	1:30:00 PM	1.75633	1.75637			N/A
3/29/2019	GBPCAD	3:30:00 PM	1.74777	1.74832			N/A
1/1/2019	GBPCHF	9:30:00 AM					N/A
1/1/2019	GBPCHF	11:30:00 AM					N/A
1/1/2019	GBPCHF	1:30:00 PM					N/A
1/1/2019	GBPCHF	3:30:00 PM					N/A
1/2/2019	GBPCHF	9:30:00 AM					N/A
1/2/2019	GBPCHF	11:30:00 AM					N/A
1/2/2019	GBPCHF	1:30:00 PM					N/A
1/2/2019	GBPCHF	3:30:00 PM					N/A
1/3/2019	GBPCHF	9:30:00 AM					N/A

1/3/2019	GBPCHF	11:30:00 AM					N/A
1/3/2019	GBPCHF	1:30:00 PM					N/A
1/3/2019	GBPCHF	3:30:00 PM					N/A
1/4/2019	GBPCHF	9:30:00 AM					N/A
1/4/2019	GBPCHF	11:30:00 AM					N/A
1/4/2019	GBPCHF	1:30:00 PM					N/A
1/4/2019	GBPCHF	3:30:00 PM					N/A
1/7/2019	GBPCHF	9:30:00 AM	1.25498	1.25533			N/A
1/7/2019	GBPCHF	11:30:00 AM					N/A
1/7/2019	GBPCHF	1:30:00 PM	1.25082	1.25134			N/A
1/7/2019	GBPCHF	3:30:00 PM	1.25153	1.252			N/A
1/8/2019	GBPCHF	9:30:00 AM	1.25307	1.25325			N/A
1/8/2019	GBPCHF	11:30:00 AM	1.25244	1.25269			N/A
1/8/2019	GBPCHF	1:30:00 PM	1.25104	1.25109			N/A
1/8/2019	GBPCHF	3:30:00 PM	1.25087	1.25122			N/A
1/9/2019	GBPCHF	9:30:00 AM	1.24991	1.25018			N/A
1/9/2019	GBPCHF	11:30:00 AM					N/A
1/9/2019	GBPCHF	1:30:00 PM	1.24828	1.24823			N/A
1/9/2019	GBPCHF	3:30:00 PM	1.24853	1.24872			N/A
1/10/2019	GBPCHF	9:30:00 AM	1.24246	1.24269			N/A
1/10/2019	GBPCHF	11:30:00 AM	1.24568	1.24592			N/A
1/10/2019	GBPCHF	1:30:00 PM	1.24411	1.24425			N/A
1/10/2019	GBPCHF	3:30:00 PM	1.24872	1.2487			N/A
1/11/2019	GBPCHF	9:30:00 AM	1.2533	1.25354			N/A
1/11/2019	GBPCHF	11:30:00 AM					N/A
1/11/2019	GBPCHF	1:30:00 PM	1.25719	1.25729			N/A
1/11/2019	GBPCHF	3:30:00 PM	1.25857	1.25844			N/A
1/14/2019	GBPCHF	9:30:00 AM	1.26235	1.26273			N/A
1/14/2019	GBPCHF	11:30:00 AM	1.26074	1.26048			N/A
1/14/2019	GBPCHF	1:30:00 PM	1.26214	1.26211			N/A
1/14/2019	GBPCHF	3:30:00 PM	1.26202	1.2625			N/A
1/15/2019	GBPCHF	9:30:00 AM	1.26485	1.26461			N/A
1/15/2019	GBPCHF	11:30:00 AM					N/A
1/15/2019	GBPCHF	1:30:00 PM	1.26777	1.26783			N/A
1/15/2019	GBPCHF	3:30:00 PM	1.2667	1.26661			N/A
1/16/2019	GBPCHF	9:30:00 AM	1.27148	1.27144			N/A
1/16/2019	GBPCHF	11:30:00 AM	1.27372	1.27331			N/A
1/16/2019	GBPCHF	1:30:00 PM	1.27195	1.27224			N/A
1/16/2019	GBPCHF	3:30:00 PM	1.27152	1.2717			N/A
1/17/2019	GBPCHF	9:30:00 AM	1.27572	1.27588			N/A
1/17/2019	GBPCHF	11:30:00 AM					N/A
1/17/2019	GBPCHF	1:30:00 PM	1.28018	1.27918			N/A
1/17/2019	GBPCHF	3:30:00 PM	1.28103	1.28096			N/A
1/18/2019	GBPCHF	9:30:00 AM	1.28856	1.28877			N/A
1/18/2019	GBPCHF	11:30:00 AM	1.28689	1.28616			N/A
1/18/2019	GBPCHF	1:30:00 PM	1.28681	1.28665			N/A
1/18/2019	GBPCHF	3:30:00 PM	1.28574	1.28593			N/A
1/21/2019	GBPCHF	9:30:00 AM	1.28103	1.28147			N/A
1/21/2019	GBPCHF	11:30:00 AM					N/A
1/21/2019	GBPCHF	1:30:00 PM	1.28364	1.28389			N/A

1/21/2019	GBPCHF	3:30:00 PM	1.28462	1.2851			N/A
1/22/2019	GBPCHF	9:30:00 AM	1.28309	1.28333			N/A
1/22/2019	GBPCHF	11:30:00 AM	1.28667	1.28666			N/A
1/22/2019	GBPCHF	1:30:00 PM	1.28631	1.28674			N/A
1/22/2019	GBPCHF	3:30:00 PM	1.2886	1.28906			N/A
1/23/2019	GBPCHF	9:30:00 AM	1.29346	1.29371			N/A
1/23/2019	GBPCHF	11:30:00 AM					N/A
1/23/2019	GBPCHF	1:30:00 PM	1.2994	1.29929			N/A
1/23/2019	GBPCHF	3:30:00 PM	1.30022	1.30034			N/A
1/24/2019	GBPCHF	9:30:00 AM	1.29859	1.2989			N/A
1/24/2019	GBPCHF	11:30:00 AM	1.2969	1.29723			N/A
1/24/2019	GBPCHF	1:30:00 PM	1.29648	1.29664			N/A
1/24/2019	GBPCHF	3:30:00 PM	1.29789	1.29754			N/A
1/25/2019	GBPCHF	9:30:00 AM	1.3051	1.30521			N/A
1/25/2019	GBPCHF	11:30:00 AM					N/A
1/25/2019	GBPCHF	1:30:00 PM	1.30439	1.30464			N/A
1/25/2019	GBPCHF	3:30:00 PM	1.30442	1.30479			N/A
1/28/2019	GBPCHF	9:30:00 AM	1.3068	1.30716			N/A
1/28/2019	GBPCHF	11:30:00 AM	1.30486	1.30514			N/A
1/28/2019	GBPCHF	1:30:00 PM	1.30669	1.30706			N/A
1/28/2019	GBPCHF	3:30:00 PM	1.30487	1.30526			N/A
1/29/2019	GBPCHF	9:30:00 AM	1.30435	1.30461			N/A
1/29/2019	GBPCHF	11:30:00 AM					N/A
1/29/2019	GBPCHF	1:30:00 PM	1.30587	1.30598			N/A
1/29/2019	GBPCHF	3:30:00 PM	1.30885	1.30912			N/A
1/30/2019	GBPCHF	9:30:00 AM	1.30321	1.3033			N/A
1/30/2019	GBPCHF	11:30:00 AM	1.30579	1.30619			N/A
1/30/2019	GBPCHF	1:30:00 PM	1.30631	1.30625			N/A
1/30/2019	GBPCHF	3:30:00 PM	1.30478	1.30509			N/A
1/31/2019	GBPCHF	9:30:00 AM	1.30508	1.30516			N/A
1/31/2019	GBPCHF	11:30:00 AM					N/A
1/31/2019	GBPCHF	1:30:00 PM	1.3036	1.30401			N/A
1/31/2019	GBPCHF	3:30:00 PM	1.30241	1.30256			N/A
2/1/2019	GBPCHF	9:30:00 AM	1.30482	1.30522			N/A
2/1/2019	GBPCHF	11:30:00 AM	1.30033	1.30008			N/A
2/1/2019	GBPCHF	1:30:00 PM	1.29662	1.29706			N/A
2/1/2019	GBPCHF	3:30:00 PM	1.29827	1.29782			N/A
2/4/2019	GBPCHF	9:30:00 AM	1.30335	1.30373			N/A
2/4/2019	GBPCHF	11:30:00 AM					N/A
2/4/2019	GBPCHF	1:30:00 PM	1.302	1.30234			N/A
2/4/2019	GBPCHF	3:30:00 PM	1.30228	1.30268			N/A
2/5/2019	GBPCHF	9:30:00 AM	1.30247	1.30291			N/A
2/5/2019	GBPCHF	11:30:00 AM	1.30446	1.30241			N/A
2/5/2019	GBPCHF	1:30:00 PM	1.30236	1.30272			N/A
2/5/2019	GBPCHF	3:30:00 PM	1.30133	1.3014			N/A
2/6/2019	GBPCHF	9:30:00 AM	1.29409	1.29415			N/A
2/6/2019	GBPCHF	11:30:00 AM					N/A
2/6/2019	GBPCHF	1:30:00 PM	1.29638	1.29656			N/A
2/6/2019	GBPCHF	3:30:00 PM	1.2959	1.2962			N/A
2/7/2019	GBPCHF	9:30:00 AM	1.29605	1.29626			N/A

2/7/2019	GBPCHF	11:30:00 AM	1.29343	1.29376			N/A
2/7/2019	GBPCHF	1:30:00 PM	1.29266	1.29303			N/A
2/7/2019	GBPCHF	3:30:00 PM	1.29487	1.29492			N/A
2/8/2019	GBPCHF	9:30:00 AM	1.29681	1.29686			N/A
2/8/2019	GBPCHF	11:30:00 AM					N/A
2/8/2019	GBPCHF	1:30:00 PM	1.29821	1.29873			N/A
2/8/2019	GBPCHF	3:30:00 PM	1.29812	1.29849			N/A
2/11/2019	GBPCHF	9:30:00 AM	1.29392	1.29395			N/A
2/11/2019	GBPCHF	11:30:00 AM	1.29384	1.29294			N/A
2/11/2019	GBPCHF	1:30:00 PM	1.29573	1.29603			N/A
2/11/2019	GBPCHF	3:30:00 PM	1.29487	1.2951			N/A
2/12/2019	GBPCHF	9:30:00 AM	1.29231	1.29255			N/A
2/12/2019	GBPCHF	11:30:00 AM					N/A
2/12/2019	GBPCHF	1:30:00 PM	1.29622	1.29633			N/A
2/12/2019	GBPCHF	3:30:00 PM	1.29876	1.29857			N/A
2/13/2019	GBPCHF	9:30:00 AM	1.29894	1.29907			N/A
2/13/2019	GBPCHF	11:30:00 AM	1.296	1.29585			N/A
2/13/2019	GBPCHF	1:30:00 PM	1.2958	1.29612			N/A
2/13/2019	GBPCHF	3:30:00 PM	1.29866	1.29876			N/A
2/14/2019	GBPCHF	9:30:00 AM	1.2974	1.2977			N/A
2/14/2019	GBPCHF	11:30:00 AM					N/A
2/14/2019	GBPCHF	1:30:00 PM	1.29368	1.29407			N/A
2/14/2019	GBPCHF	3:30:00 PM	1.2921	1.29207			N/A
2/15/2019	GBPCHF	9:30:00 AM					N/A
2/15/2019	GBPCHF	11:30:00 AM					N/A
2/15/2019	GBPCHF	1:30:00 PM					N/A
2/15/2019	GBPCHF	3:30:00 PM					N/A
2/18/2019	GBPCHF	9:30:00 AM	1.29539	1.29577			N/A
2/18/2019	GBPCHF	11:30:00 AM					N/A
2/18/2019	GBPCHF	1:30:00 PM	1.29698	1.2972			N/A
2/18/2019	GBPCHF	3:30:00 PM	1.29586	1.29614			N/A
2/19/2019	GBPCHF	9:30:00 AM	1.29731	1.29751			N/A
2/19/2019	GBPCHF	11:30:00 AM	1.2981	1.29759			N/A
2/19/2019	GBPCHF	1:30:00 PM	1.29795	1.29839			N/A
2/19/2019	GBPCHF	3:30:00 PM	1.30068	1.30088			N/A
2/20/2019	GBPCHF	9:30:00 AM	1.30691	1.30728			N/A
2/20/2019	GBPCHF	11:30:00 AM					N/A
2/20/2019	GBPCHF	1:30:00 PM	1.3041	1.30402			N/A
2/20/2019	GBPCHF	3:30:00 PM	1.30416	1.30428			N/A
2/21/2019	GBPCHF	9:30:00 AM	1.30472	1.30513			N/A
2/21/2019	GBPCHF	11:30:00 AM	1.3089	1.30892			N/A
2/21/2019	GBPCHF	1:30:00 PM	1.3049	1.30501			N/A
2/21/2019	GBPCHF	3:30:00 PM	1.3088	1.30851			N/A
2/22/2019	GBPCHF	9:30:00 AM	1.30498	1.30524			N/A
2/22/2019	GBPCHF	11:30:00 AM					N/A
2/22/2019	GBPCHF	1:30:00 PM	1.30209	1.30218			N/A
2/22/2019	GBPCHF	3:30:00 PM	1.30061	1.30096			N/A
2/25/2019	GBPCHF	9:30:00 AM	1.30567	1.30601			N/A
2/25/2019	GBPCHF	11:30:00 AM	1.30709	1.30733			N/A
2/25/2019	GBPCHF	1:30:00 PM	1.30576	1.3059			N/A

2/25/2019	GBPCHF	3:30:00 PM	1.30671	1.30712			N/A
2/26/2019	GBPCHF	9:30:00 AM	1.315	1.31522			N/A
2/26/2019	GBPCHF	11:30:00 AM					N/A
2/26/2019	GBPCHF	1:30:00 PM	1.32056	1.32087			N/A
2/26/2019	GBPCHF	3:30:00 PM	1.32018	1.32011			N/A
2/27/2019	GBPCHF	9:30:00 AM	1.32475	1.32512			N/A
2/27/2019	GBPCHF	11:30:00 AM	1.32432	1.3247			N/A
2/27/2019	GBPCHF	1:30:00 PM	1.32709	1.32723			N/A
2/27/2019	GBPCHF	3:30:00 PM	1.32849	1.3289			N/A
2/28/2019	GBPCHF	9:30:00 AM	1.32542	1.32581			N/A
2/28/2019	GBPCHF	11:30:00 AM					N/A
2/28/2019	GBPCHF	1:30:00 PM	1.32328	1.32353			N/A
2/28/2019	GBPCHF	3:30:00 PM	1.32291	1.32245			N/A
3/1/2019	GBPCHF	9:30:00 AM	1.32249	1.32273			N/A
3/1/2019	GBPCHF	11:30:00 AM	1.32488	1.32472			N/A
3/1/2019	GBPCHF	1:30:00 PM	1.3223	1.32261			N/A
3/1/2019	GBPCHF	3:30:00 PM	1.32122	1.32159			N/A
3/4/2019	GBPCHF	9:30:00 AM	1.32417	1.32441			N/A
3/4/2019	GBPCHF	11:30:00 AM					N/A
3/4/2019	GBPCHF	1:30:00 PM	1.32133	1.32133			N/A
3/4/2019	GBPCHF	3:30:00 PM	1.32174	1.32188			N/A
3/5/2019	GBPCHF	9:30:00 AM	1.31572	1.3161			N/A
3/5/2019	GBPCHF	11:30:00 AM	1.32036	1.31986			N/A
3/5/2019	GBPCHF	1:30:00 PM	1.31627	1.31669			N/A
3/5/2019	GBPCHF	3:30:00 PM	1.31128	1.31165			N/A
3/6/2019	GBPCHF	9:30:00 AM	1.31938	1.3196			N/A
3/6/2019	GBPCHF	11:30:00 AM					N/A
3/6/2019	GBPCHF	1:30:00 PM	1.3203	1.32055			N/A
3/6/2019	GBPCHF	3:30:00 PM	1.321	1.32105			N/A
3/7/2019	GBPCHF	9:30:00 AM	1.32347	1.32374			N/A
3/7/2019	GBPCHF	11:30:00 AM	1.32268	1.32243			N/A
3/7/2019	GBPCHF	1:30:00 PM	1.31955	1.31992			N/A
3/7/2019	GBPCHF	3:30:00 PM	1.32265	1.32297			N/A
3/8/2019	GBPCHF	9:30:00 AM	1.32094	1.32139			N/A
3/8/2019	GBPCHF	11:30:00 AM					N/A
3/8/2019	GBPCHF	1:30:00 PM	1.32143	1.32176			N/A
3/8/2019	GBPCHF	3:30:00 PM	1.31939	1.31829			N/A
3/11/2019	GBPCHF	9:30:00 AM	1.30972	1.30978			N/A
3/11/2019	GBPCHF	11:30:00 AM	1.30725	1.30734			N/A
3/11/2019	GBPCHF	1:30:00 PM	1.31289	1.31294			N/A
3/11/2019	GBPCHF	3:30:00 PM	1.31757	1.31781			N/A
3/12/2019	GBPCHF	9:30:00 AM	1.33663	1.3356			N/A
3/12/2019	GBPCHF	11:30:00 AM					N/A
3/12/2019	GBPCHF	1:30:00 PM	1.31315	1.31271			N/A
3/12/2019	GBPCHF	3:30:00 PM	1.32193	1.32086			N/A
3/13/2019	GBPCHF	9:30:00 AM	1.32144	1.32121			N/A
3/13/2019	GBPCHF	11:30:00 AM	1.32126	1.32127			N/A
3/13/2019	GBPCHF	1:30:00 PM	1.32394	1.32388			N/A
3/13/2019	GBPCHF	3:30:00 PM	1.32515	1.32533			N/A
3/14/2019	GBPCHF	9:30:00 AM	1.33401	1.33355			N/A

3/14/2019	GBPCHF	11:30:00 AM					N/A
3/14/2019	GBPCHF	1:30:00 PM	1.32789	1.32781			N/A
3/14/2019	GBPCHF	3:30:00 PM	1.33213	1.33258			N/A
3/15/2019	GBPCHF	9:30:00 AM	1.32833	1.32863			N/A
3/15/2019	GBPCHF	11:30:00 AM	1.32906	1.3293			N/A
3/15/2019	GBPCHF	1:30:00 PM	1.33062	1.33106			N/A
3/15/2019	GBPCHF	3:30:00 PM	1.331	1.33095			N/A
3/18/2019	GBPCHF	9:30:00 AM	1.33	1.33047			N/A
3/18/2019	GBPCHF	11:30:00 AM					N/A
3/18/2019	GBPCHF	1:30:00 PM	1.32681	1.32692			N/A
3/18/2019	GBPCHF	3:30:00 PM	1.32582	1.32621			N/A
3/19/2019	GBPCHF	9:30:00 AM	1.32709	1.32755			N/A
3/19/2019	GBPCHF	11:30:00 AM	1.32661	1.3269			N/A
3/19/2019	GBPCHF	1:30:00 PM	1.32812	1.32793			N/A
3/19/2019	GBPCHF	3:30:00 PM	1.32613	1.32585			N/A
3/20/2019	GBPCHF	9:30:00 AM	1.32424	1.3246			N/A
3/20/2019	GBPCHF	11:30:00 AM					N/A
3/20/2019	GBPCHF	1:30:00 PM	1.32132	1.32122			N/A
3/20/2019	GBPCHF	3:30:00 PM	1.31606	1.31522			N/A
3/21/2019	GBPCHF	9:30:00 AM	1.3102	1.30992			N/A
3/21/2019	GBPCHF	11:30:00 AM	1.30828	1.30778			N/A
3/21/2019	GBPCHF	1:30:00 PM	1.30346	1.30323			N/A
3/21/2019	GBPCHF	3:30:00 PM	1.30377	1.30412			N/A
3/22/2019	GBPCHF	9:30:00 AM	1.30324	1.30353			N/A
3/22/2019	GBPCHF	11:30:00 AM					N/A
3/22/2019	GBPCHF	1:30:00 PM	1.30786	1.30797			N/A
3/22/2019	GBPCHF	3:30:00 PM	1.31022	1.30999			N/A
3/25/2019	GBPCHF	9:30:00 AM	1.31008	1.31011			N/A
3/25/2019	GBPCHF	11:30:00 AM	1.31116	1.31149			N/A
3/25/2019	GBPCHF	1:30:00 PM	1.30917	1.30941			N/A
3/25/2019	GBPCHF	3:30:00 PM	1.31389	1.31379			N/A
3/26/2019	GBPCHF	9:30:00 AM	1.31194	1.31159			N/A
3/26/2019	GBPCHF	11:30:00 AM					N/A
3/26/2019	GBPCHF	1:30:00 PM	1.31426	1.31427			N/A
3/26/2019	GBPCHF	3:30:00 PM	1.31511	1.31541			N/A
3/27/2019	GBPCHF	9:30:00 AM	1.31158	1.31147			N/A
3/27/2019	GBPCHF	11:30:00 AM	1.31181	1.31225			N/A
3/27/2019	GBPCHF	1:30:00 PM	1.31204	1.31214			N/A
3/27/2019	GBPCHF	3:30:00 PM	1.31551	1.31554			N/A
3/28/2019	GBPCHF	9:30:00 AM	1.31189	1.31167			N/A
3/28/2019	GBPCHF	11:30:00 AM					N/A
3/28/2019	GBPCHF	1:30:00 PM	1.30626	1.30595			N/A
3/28/2019	GBPCHF	3:30:00 PM	1.3061	1.30625			N/A
3/29/2019	GBPCHF	9:30:00 AM	1.30278	1.30272			N/A
3/29/2019	GBPCHF	11:30:00 AM	1.29729	1.29678			N/A
3/29/2019	GBPCHF	1:30:00 PM	1.30393	1.30362			N/A
3/29/2019	GBPCHF	3:30:00 PM	1.30171	1.30186			N/A
1/1/2019	GBPCZK	9:30:00 AM					N/A
1/1/2019	GBPCZK	11:30:00 AM					N/A
1/1/2019	GBPCZK	1:30:00 PM					N/A

1/1/2019	GBPCZK	3:30:00 PM					N/A
1/2/2019	GBPCZK	9:30:00 AM					N/A
1/2/2019	GBPCZK	11:30:00 AM					N/A
1/2/2019	GBPCZK	1:30:00 PM					N/A
1/2/2019	GBPCZK	3:30:00 PM					N/A
1/3/2019	GBPCZK	9:30:00 AM					N/A
1/3/2019	GBPCZK	11:30:00 AM					N/A
1/3/2019	GBPCZK	1:30:00 PM					N/A
1/3/2019	GBPCZK	3:30:00 PM					N/A
1/4/2019	GBPCZK	9:30:00 AM					N/A
1/4/2019	GBPCZK	11:30:00 AM					N/A
1/4/2019	GBPCZK	1:30:00 PM					N/A
1/4/2019	GBPCZK	3:30:00 PM					N/A
1/7/2019	GBPCZK	9:30:00 AM	28.477	28.498			N/A
1/7/2019	GBPCZK	11:30:00 AM					N/A
1/7/2019	GBPCZK	1:30:00 PM	28.432	28.448			N/A
1/7/2019	GBPCZK	3:30:00 PM	28.466	28.485			N/A
1/8/2019	GBPCZK	9:30:00 AM	28.517	28.534			N/A
1/8/2019	GBPCZK	11:30:00 AM	28.566	28.576			N/A
1/8/2019	GBPCZK	1:30:00 PM	28.528	28.545			N/A
1/8/2019	GBPCZK	3:30:00 PM	28.524	28.54			N/A
1/9/2019	GBPCZK	9:30:00 AM	28.456	28.47			N/A
1/9/2019	GBPCZK	11:30:00 AM					N/A
1/9/2019	GBPCZK	1:30:00 PM	28.457	28.466			N/A
1/9/2019	GBPCZK	3:30:00 PM	28.467	28.485			N/A
1/10/2019	GBPCZK	9:30:00 AM	28.295	28.314			N/A
1/10/2019	GBPCZK	11:30:00 AM	28.343	28.356			N/A
1/10/2019	GBPCZK	1:30:00 PM	28.276	28.297			N/A
1/10/2019	GBPCZK	3:30:00 PM	28.319	28.336			N/A
1/11/2019	GBPCZK	9:30:00 AM	28.256	28.277			N/A
1/11/2019	GBPCZK	11:30:00 AM					N/A
1/11/2019	GBPCZK	1:30:00 PM	28.38	28.391			N/A
1/11/2019	GBPCZK	3:30:00 PM	28.412	28.423			N/A
1/14/2019	GBPCZK	9:30:00 AM	28.578	28.591			N/A
1/14/2019	GBPCZK	11:30:00 AM	28.562	28.577			N/A
1/14/2019	GBPCZK	1:30:00 PM	28.64	28.644			N/A
1/14/2019	GBPCZK	3:30:00 PM	28.641	28.651			N/A
1/15/2019	GBPCZK	9:30:00 AM	28.667	28.678			N/A
1/15/2019	GBPCZK	11:30:00 AM					N/A
1/15/2019	GBPCZK	1:30:00 PM	28.696	28.711			N/A
1/15/2019	GBPCZK	3:30:00 PM	28.718	28.727			N/A
1/16/2019	GBPCZK	9:30:00 AM	28.774	28.78			N/A
1/16/2019	GBPCZK	11:30:00 AM	28.828	28.835			N/A
1/16/2019	GBPCZK	1:30:00 PM	28.831	28.846			N/A
1/16/2019	GBPCZK	3:30:00 PM	28.825	28.837			N/A
1/17/2019	GBPCZK	9:30:00 AM	28.847	28.864			N/A
1/17/2019	GBPCZK	11:30:00 AM					N/A
1/17/2019	GBPCZK	1:30:00 PM	28.878	28.847			N/A
1/17/2019	GBPCZK	3:30:00 PM	28.885	28.895			N/A
1/18/2019	GBPCZK	9:30:00 AM	29.023	29.042			N/A

1/18/2019	GBPCZK	11:30:00 AM	28.996	28.988			N/A
1/18/2019	GBPCZK	1:30:00 PM	29.003	29.011			N/A
1/18/2019	GBPCZK	3:30:00 PM	28.991	29.004			N/A
1/21/2019	GBPCZK	9:30:00 AM	28.902	28.924			N/A
1/21/2019	GBPCZK	11:30:00 AM					N/A
1/21/2019	GBPCZK	1:30:00 PM	28.933	28.952			N/A
1/21/2019	GBPCZK	3:30:00 PM	28.954	28.976			N/A
1/22/2019	GBPCZK	9:30:00 AM	28.961	28.979			N/A
1/22/2019	GBPCZK	11:30:00 AM	29.054	29.067			N/A
1/22/2019	GBPCZK	1:30:00 PM	29.067	29.089			N/A
1/22/2019	GBPCZK	3:30:00 PM	29.08	29.099			N/A
1/23/2019	GBPCZK	9:30:00 AM	29.215	29.233			N/A
1/23/2019	GBPCZK	11:30:00 AM					N/A
1/23/2019	GBPCZK	1:30:00 PM	29.399	29.409			N/A
1/23/2019	GBPCZK	3:30:00 PM	29.432	29.45			N/A
1/24/2019	GBPCZK	9:30:00 AM	29.471	29.493			N/A
1/24/2019	GBPCZK	11:30:00 AM	29.522	29.54			N/A
1/24/2019	GBPCZK	1:30:00 PM	29.488	29.5			N/A
1/24/2019	GBPCZK	3:30:00 PM	29.54	29.544			N/A
1/25/2019	GBPCZK	9:30:00 AM	29.765	29.782			N/A
1/25/2019	GBPCZK	11:30:00 AM					N/A
1/25/2019	GBPCZK	1:30:00 PM	29.637	29.655			N/A
1/25/2019	GBPCZK	3:30:00 PM	29.59	29.605			N/A
1/28/2019	GBPCZK	9:30:00 AM	29.614	29.625			N/A
1/28/2019	GBPCZK	11:30:00 AM	29.618	29.64			N/A
1/28/2019	GBPCZK	1:30:00 PM	29.644	29.666			N/A
1/28/2019	GBPCZK	3:30:00 PM	29.604	29.625			N/A
1/29/2019	GBPCZK	9:30:00 AM	29.596	29.613			N/A
1/29/2019	GBPCZK	11:30:00 AM					N/A
1/29/2019	GBPCZK	1:30:00 PM	29.586	29.597			N/A
1/29/2019	GBPCZK	3:30:00 PM	29.658	29.673			N/A
1/30/2019	GBPCZK	9:30:00 AM	29.455	29.468			N/A
1/30/2019	GBPCZK	11:30:00 AM	29.534	29.557			N/A
1/30/2019	GBPCZK	1:30:00 PM	29.522	29.536			N/A
1/30/2019	GBPCZK	3:30:00 PM	29.48	29.499			N/A
1/31/2019	GBPCZK	9:30:00 AM	29.412	29.42			N/A
1/31/2019	GBPCZK	11:30:00 AM					N/A
1/31/2019	GBPCZK	1:30:00 PM	29.419	29.441			N/A
1/31/2019	GBPCZK	3:30:00 PM	29.377	29.396			N/A
2/1/2019	GBPCZK	9:30:00 AM	29.475	29.493			N/A
2/1/2019	GBPCZK	11:30:00 AM	29.373	29.384			N/A
2/1/2019	GBPCZK	1:30:00 PM	29.283	29.303			N/A
2/1/2019	GBPCZK	3:30:00 PM	29.227	29.231			N/A
2/4/2019	GBPCZK	9:30:00 AM	29.337	29.356			N/A
2/4/2019	GBPCZK	11:30:00 AM					N/A
2/4/2019	GBPCZK	1:30:00 PM	29.314	29.33			N/A
2/4/2019	GBPCZK	3:30:00 PM	29.303	29.322			N/A
2/5/2019	GBPCZK	9:30:00 AM	29.286	29.306			N/A
2/5/2019	GBPCZK	11:30:00 AM	29.309	29.277			N/A
2/5/2019	GBPCZK	1:30:00 PM	29.223	29.243			N/A

2/5/2019	GBPCZK	3:30:00 PM	29.22	29.238			N/A
2/6/2019	GBPCZK	9:30:00 AM	29.17	29.186			N/A
2/6/2019	GBPCZK	11:30:00 AM					N/A
2/6/2019	GBPCZK	1:30:00 PM	29.281	29.301			N/A
2/6/2019	GBPCZK	3:30:00 PM	29.298	29.314			N/A
2/7/2019	GBPCZK	9:30:00 AM	29.345	29.364			N/A
2/7/2019	GBPCZK	11:30:00 AM	29.301	29.319			N/A
2/7/2019	GBPCZK	1:30:00 PM	29.336	29.355			N/A
2/7/2019	GBPCZK	3:30:00 PM	29.392	29.404			N/A
2/8/2019	GBPCZK	9:30:00 AM	29.423	29.44			N/A
2/8/2019	GBPCZK	11:30:00 AM					N/A
2/8/2019	GBPCZK	1:30:00 PM	29.454	29.478			N/A
2/8/2019	GBPCZK	3:30:00 PM	29.461	29.481			N/A
2/11/2019	GBPCZK	9:30:00 AM	29.451	29.47			N/A
2/11/2019	GBPCZK	11:30:00 AM	29.452	29.444			N/A
2/11/2019	GBPCZK	1:30:00 PM	29.473	29.485			N/A
2/11/2019	GBPCZK	3:30:00 PM	29.445	29.461			N/A
2/12/2019	GBPCZK	9:30:00 AM	29.469	29.489			N/A
2/12/2019	GBPCZK	11:30:00 AM					N/A
2/12/2019	GBPCZK	1:30:00 PM	29.432	29.447			N/A
2/12/2019	GBPCZK	3:30:00 PM	29.46	29.483			N/A
2/13/2019	GBPCZK	9:30:00 AM	29.433	29.441			N/A
2/13/2019	GBPCZK	11:30:00 AM	29.345	29.343			N/A
2/13/2019	GBPCZK	1:30:00 PM	29.38	29.398			N/A
2/13/2019	GBPCZK	3:30:00 PM	29.443	29.449			N/A
2/14/2019	GBPCZK	9:30:00 AM	29.364	29.385			N/A
2/14/2019	GBPCZK	11:30:00 AM					N/A
2/14/2019	GBPCZK	1:30:00 PM	29.307	29.326			N/A
2/14/2019	GBPCZK	3:30:00 PM	29.276	29.294			N/A
2/15/2019	GBPCZK	9:30:00 AM					N/A
2/15/2019	GBPCZK	11:30:00 AM					N/A
2/15/2019	GBPCZK	1:30:00 PM					N/A
2/15/2019	GBPCZK	3:30:00 PM					N/A
2/18/2019	GBPCZK	9:30:00 AM	29.256	29.278			N/A
2/18/2019	GBPCZK	11:30:00 AM					N/A
2/18/2019	GBPCZK	1:30:00 PM	29.335	29.353			N/A
2/18/2019	GBPCZK	3:30:00 PM	29.315	29.334			N/A
2/19/2019	GBPCZK	9:30:00 AM	29.35	29.372			N/A
2/19/2019	GBPCZK	11:30:00 AM	29.379	29.38			N/A
2/19/2019	GBPCZK	1:30:00 PM	29.403	29.425			N/A
2/19/2019	GBPCZK	3:30:00 PM	29.449	29.463			N/A
2/20/2019	GBPCZK	9:30:00 AM	29.523	29.546			N/A
2/20/2019	GBPCZK	11:30:00 AM					N/A
2/20/2019	GBPCZK	1:30:00 PM	29.478	29.492			N/A
2/20/2019	GBPCZK	3:30:00 PM	29.495	29.511			N/A
2/21/2019	GBPCZK	9:30:00 AM	29.46	29.481			N/A
2/21/2019	GBPCZK	11:30:00 AM	29.571	29.581			N/A
2/21/2019	GBPCZK	1:30:00 PM	29.476	29.471			N/A
2/21/2019	GBPCZK	3:30:00 PM	29.509	29.528			N/A
2/22/2019	GBPCZK	9:30:00 AM	29.433	29.451			N/A

2/22/2019	GBPCZK	11:30:00 AM					N/A
2/22/2019	GBPCZK	1:30:00 PM	29.406	29.425			N/A
2/22/2019	GBPCZK	3:30:00 PM	29.385	29.406			N/A
2/25/2019	GBPCZK	9:30:00 AM	29.479	29.5			N/A
2/25/2019	GBPCZK	11:30:00 AM	29.499	29.518			N/A
2/25/2019	GBPCZK	1:30:00 PM	29.465	29.48			N/A
2/25/2019	GBPCZK	3:30:00 PM	29.503	29.518			N/A
2/26/2019	GBPCZK	9:30:00 AM	29.642	29.66			N/A
2/26/2019	GBPCZK	11:30:00 AM					N/A
2/26/2019	GBPCZK	1:30:00 PM	29.771	29.786			N/A
2/26/2019	GBPCZK	3:30:00 PM	29.766	29.783			N/A
2/27/2019	GBPCZK	9:30:00 AM	29.841	29.862			N/A
2/27/2019	GBPCZK	11:30:00 AM	29.841	29.856			N/A
2/27/2019	GBPCZK	1:30:00 PM	29.926	29.941			N/A
2/27/2019	GBPCZK	3:30:00 PM	29.971	29.994			N/A
2/28/2019	GBPCZK	9:30:00 AM	29.922	29.943			N/A
2/28/2019	GBPCZK	11:30:00 AM					N/A
2/28/2019	GBPCZK	1:30:00 PM	29.85	29.867			N/A
2/28/2019	GBPCZK	3:30:00 PM	29.827	29.831			N/A
3/1/2019	GBPCZK	9:30:00 AM	29.815	29.828			N/A
3/1/2019	GBPCZK	11:30:00 AM	29.821	29.822			N/A
3/1/2019	GBPCZK	1:30:00 PM	29.799	29.82			N/A
3/1/2019	GBPCZK	3:30:00 PM	29.774	29.794			N/A
3/4/2019	GBPCZK	9:30:00 AM	29.829	29.846			N/A
3/4/2019	GBPCZK	11:30:00 AM					N/A
3/4/2019	GBPCZK	1:30:00 PM	29.817	29.83			N/A
3/4/2019	GBPCZK	3:30:00 PM	29.831	29.852			N/A
3/5/2019	GBPCZK	9:30:00 AM	29.743	29.758			N/A
3/5/2019	GBPCZK	11:30:00 AM	29.783	29.764			N/A
3/5/2019	GBPCZK	1:30:00 PM	29.712	29.733			N/A
3/5/2019	GBPCZK	3:30:00 PM	29.61	29.627			N/A
3/6/2019	GBPCZK	9:30:00 AM	29.752	29.772			N/A
3/6/2019	GBPCZK	11:30:00 AM					N/A
3/6/2019	GBPCZK	1:30:00 PM	29.737	29.755			N/A
3/6/2019	GBPCZK	3:30:00 PM	29.718	29.738			N/A
3/7/2019	GBPCZK	9:30:00 AM	29.81	29.827			N/A
3/7/2019	GBPCZK	11:30:00 AM	29.759	29.767			N/A
3/7/2019	GBPCZK	1:30:00 PM	29.704	29.724			N/A
3/7/2019	GBPCZK	3:30:00 PM	29.81	29.812			N/A
3/8/2019	GBPCZK	9:30:00 AM	29.894	29.914			N/A
3/8/2019	GBPCZK	11:30:00 AM					N/A
3/8/2019	GBPCZK	1:30:00 PM	29.844	29.863			N/A
3/8/2019	GBPCZK	3:30:00 PM	29.838	29.858			N/A
3/11/2019	GBPCZK	9:30:00 AM	29.602	29.619			N/A
3/11/2019	GBPCZK	11:30:00 AM	29.559	29.577			N/A
3/11/2019	GBPCZK	1:30:00 PM	29.664	29.679			N/A
3/11/2019	GBPCZK	3:30:00 PM	29.74	29.756			N/A
3/12/2019	GBPCZK	9:30:00 AM	30.109	30.097			N/A
3/12/2019	GBPCZK	11:30:00 AM					N/A
3/12/2019	GBPCZK	1:30:00 PM	29.66	29.66			N/A

3/12/2019	GBPCZK	3:30:00 PM	29.817	29.803			N/A
3/13/2019	GBPCZK	9:30:00 AM	29.799	29.806			N/A
3/13/2019	GBPCZK	11:30:00 AM	29.828	29.842			N/A
3/13/2019	GBPCZK	1:30:00 PM	29.875	29.888			N/A
3/13/2019	GBPCZK	3:30:00 PM	29.892	29.902			N/A
3/14/2019	GBPCZK	9:30:00 AM	30.054	30.057			N/A
3/14/2019	GBPCZK	11:30:00 AM					N/A
3/14/2019	GBPCZK	1:30:00 PM	29.994	30			N/A
3/14/2019	GBPCZK	3:30:00 PM	30.093	30.115			N/A
3/15/2019	GBPCZK	9:30:00 AM	30.016	30.036			N/A
3/15/2019	GBPCZK	11:30:00 AM	29.984	30.002			N/A
3/15/2019	GBPCZK	1:30:00 PM	30.033	30.053			N/A
3/15/2019	GBPCZK	3:30:00 PM	30.034	30.05			N/A
3/18/2019	GBPCZK	9:30:00 AM	30.003	30.023			N/A
3/18/2019	GBPCZK	11:30:00 AM					N/A
3/18/2019	GBPCZK	1:30:00 PM	29.928	29.943			N/A
3/18/2019	GBPCZK	3:30:00 PM	29.869	29.888			N/A
3/19/2019	GBPCZK	9:30:00 AM	29.912	29.934			N/A
3/19/2019	GBPCZK	11:30:00 AM	29.896	29.915			N/A
3/19/2019	GBPCZK	1:30:00 PM	29.915	29.926			N/A
3/19/2019	GBPCZK	3:30:00 PM	29.884	29.893			N/A
3/20/2019	GBPCZK	9:30:00 AM	29.886	29.906			N/A
3/20/2019	GBPCZK	11:30:00 AM					N/A
3/20/2019	GBPCZK	1:30:00 PM	29.836	29.849			N/A
3/20/2019	GBPCZK	3:30:00 PM	29.74	29.734			N/A
3/21/2019	GBPCZK	9:30:00 AM	29.616	29.623			N/A
3/21/2019	GBPCZK	11:30:00 AM	29.589	29.587			N/A
3/21/2019	GBPCZK	1:30:00 PM	29.51	29.518			N/A
3/21/2019	GBPCZK	3:30:00 PM	29.549	29.568			N/A
3/22/2019	GBPCZK	9:30:00 AM	29.566	29.584			N/A
3/22/2019	GBPCZK	11:30:00 AM					N/A
3/22/2019	GBPCZK	1:30:00 PM	29.881	29.888			N/A
3/22/2019	GBPCZK	3:30:00 PM	29.959	29.966			N/A
3/25/2019	GBPCZK	9:30:00 AM	29.978	29.996			N/A
3/25/2019	GBPCZK	11:30:00 AM	29.964	29.977			N/A
3/25/2019	GBPCZK	1:30:00 PM	29.989	30			N/A
3/25/2019	GBPCZK	3:30:00 PM	30.096	30.101			N/A
3/26/2019	GBPCZK	9:30:00 AM	30.068	30.074			N/A
3/26/2019	GBPCZK	11:30:00 AM					N/A
3/26/2019	GBPCZK	1:30:00 PM	30.112	30.125			N/A
3/26/2019	GBPCZK	3:30:00 PM	30.162	30.176			N/A
3/27/2019	GBPCZK	9:30:00 AM	30.119	30.124			N/A
3/27/2019	GBPCZK	11:30:00 AM	30.118	30.141			N/A
3/27/2019	GBPCZK	1:30:00 PM	30.179	30.195			N/A
3/27/2019	GBPCZK	3:30:00 PM	30.285	30.3			N/A
3/28/2019	GBPCZK	9:30:00 AM	30.154	30.163			N/A
3/28/2019	GBPCZK	11:30:00 AM					N/A
3/28/2019	GBPCZK	1:30:00 PM	30.088	30.089			N/A
3/28/2019	GBPCZK	3:30:00 PM	30.066	30.08			N/A
3/29/2019	GBPCZK	9:30:00 AM	30.002	30.014			N/A

3/29/2019	GBPCZK	11:30:00 AM	29.965	29.96			N/A
3/29/2019	GBPCZK	1:30:00 PM	30.066	30.069			N/A
3/29/2019	GBPCZK	3:30:00 PM	30.013	30.03			N/A
1/1/2019	GBPDKK	9:30:00 AM					N/A
1/1/2019	GBPDKK	11:30:00 AM					N/A
1/1/2019	GBPDKK	1:30:00 PM					N/A
1/1/2019	GBPDKK	3:30:00 PM					N/A
1/2/2019	GBPDKK	9:30:00 AM					N/A
1/2/2019	GBPDKK	11:30:00 AM					N/A
1/2/2019	GBPDKK	1:30:00 PM					N/A
1/2/2019	GBPDKK	3:30:00 PM					N/A
1/3/2019	GBPDKK	9:30:00 AM					N/A
1/3/2019	GBPDKK	11:30:00 AM					N/A
1/3/2019	GBPDKK	1:30:00 PM					N/A
1/3/2019	GBPDKK	3:30:00 PM					N/A
1/4/2019	GBPDKK	9:30:00 AM					N/A
1/4/2019	GBPDKK	11:30:00 AM					N/A
1/4/2019	GBPDKK	1:30:00 PM					N/A
1/4/2019	GBPDKK	3:30:00 PM					N/A
1/7/2019	GBPDKK	9:30:00 AM	8.333	8.343			N/A
1/7/2019	GBPDKK	11:30:00 AM					N/A
1/7/2019	GBPDKK	1:30:00 PM	8.311	8.322			N/A
1/7/2019	GBPDKK	3:30:00 PM	8.318	8.329			N/A
1/8/2019	GBPDKK	9:30:00 AM	8.333	8.343			N/A
1/8/2019	GBPDKK	11:30:00 AM	8.326	8.335			N/A
1/8/2019	GBPDKK	1:30:00 PM	8.315	8.325			N/A
1/8/2019	GBPDKK	3:30:00 PM	8.312	8.323			N/A
1/9/2019	GBPDKK	9:30:00 AM	8.295	8.304			N/A
1/9/2019	GBPDKK	11:30:00 AM					N/A
1/9/2019	GBPDKK	1:30:00 PM	8.297	8.305			N/A
1/9/2019	GBPDKK	3:30:00 PM	8.298	8.308			N/A
1/10/2019	GBPDKK	9:30:00 AM	8.25	8.26			N/A
1/10/2019	GBPDKK	11:30:00 AM	8.264	8.273			N/A
1/10/2019	GBPDKK	1:30:00 PM	8.244	8.255			N/A
1/10/2019	GBPDKK	3:30:00 PM	8.257	8.267			N/A
1/11/2019	GBPDKK	9:30:00 AM	8.254	8.264			N/A
1/11/2019	GBPDKK	11:30:00 AM					N/A
1/11/2019	GBPDKK	1:30:00 PM	8.281	8.289			N/A
1/11/2019	GBPDKK	3:30:00 PM	8.296	8.303			N/A
1/14/2019	GBPDKK	9:30:00 AM	8.35	8.361			N/A
1/14/2019	GBPDKK	11:30:00 AM	8.345	8.355			N/A
1/14/2019	GBPDKK	1:30:00 PM	8.362	8.371			N/A
1/14/2019	GBPDKK	3:30:00 PM	8.366	8.376			N/A
1/15/2019	GBPDKK	9:30:00 AM	8.381	8.389			N/A
1/15/2019	GBPDKK	11:30:00 AM					N/A
1/15/2019	GBPDKK	1:30:00 PM	8.389	8.397			N/A
1/15/2019	GBPDKK	3:30:00 PM	8.39	8.398			N/A
1/16/2019	GBPDKK	9:30:00 AM	8.415	8.421			N/A
1/16/2019	GBPDKK	11:30:00 AM	8.422	8.428			N/A
1/16/2019	GBPDKK	1:30:00 PM	8.424	8.433			N/A

1/16/2019	GBPDKK	3:30:00 PM	8.419	8.429			N/A
1/17/2019	GBPDKK	9:30:00 AM	8.435	8.443			N/A
1/17/2019	GBPDKK	11:30:00 AM					N/A
1/17/2019	GBPDKK	1:30:00 PM	8.446	8.447			N/A
1/17/2019	GBPDKK	3:30:00 PM	8.452	8.458			N/A
1/18/2019	GBPDKK	9:30:00 AM	8.488	8.497			N/A
1/18/2019	GBPDKK	11:30:00 AM	8.475	8.478			N/A
1/18/2019	GBPDKK	1:30:00 PM	8.472	8.479			N/A
1/18/2019	GBPDKK	3:30:00 PM	8.466	8.475			N/A
1/21/2019	GBPDKK	9:30:00 AM	8.44	8.451			N/A
1/21/2019	GBPDKK	11:30:00 AM					N/A
1/21/2019	GBPDKK	1:30:00 PM	8.446	8.456			N/A
1/21/2019	GBPDKK	3:30:00 PM	8.453	8.463			N/A
1/22/2019	GBPDKK	9:30:00 AM	8.457	8.466			N/A
1/22/2019	GBPDKK	11:30:00 AM	8.476	8.484			N/A
1/22/2019	GBPDKK	1:30:00 PM	8.482	8.493			N/A
1/22/2019	GBPDKK	3:30:00 PM	8.488	8.498			N/A
1/23/2019	GBPDKK	9:30:00 AM	8.514	8.523			N/A
1/23/2019	GBPDKK	11:30:00 AM					N/A
1/23/2019	GBPDKK	1:30:00 PM	8.554	8.562			N/A
1/23/2019	GBPDKK	3:30:00 PM	8.561	8.57			N/A
1/24/2019	GBPDKK	9:30:00 AM	8.568	8.579			N/A
1/24/2019	GBPDKK	11:30:00 AM	8.58	8.59			N/A
1/24/2019	GBPDKK	1:30:00 PM	8.571	8.581			N/A
1/24/2019	GBPDKK	3:30:00 PM	8.584	8.589			N/A
1/25/2019	GBPDKK	9:30:00 AM	8.64	8.649			N/A
1/25/2019	GBPDKK	11:30:00 AM					N/A
1/25/2019	GBPDKK	1:30:00 PM	8.613	8.623			N/A
1/25/2019	GBPDKK	3:30:00 PM	8.606	8.615			N/A
1/28/2019	GBPDKK	9:30:00 AM	8.616	8.626			N/A
1/28/2019	GBPDKK	11:30:00 AM	8.608	8.618			N/A
1/28/2019	GBPDKK	1:30:00 PM	8.61	8.621			N/A
1/28/2019	GBPDKK	3:30:00 PM	8.594	8.605			N/A
1/29/2019	GBPDKK	9:30:00 AM	8.581	8.59			N/A
1/29/2019	GBPDKK	11:30:00 AM					N/A
1/29/2019	GBPDKK	1:30:00 PM	8.583	8.592			N/A
1/29/2019	GBPDKK	3:30:00 PM	8.604	8.612			N/A
1/30/2019	GBPDKK	9:30:00 AM	8.539	8.547			N/A
1/30/2019	GBPDKK	11:30:00 AM	8.556	8.566			N/A
1/30/2019	GBPDKK	1:30:00 PM	8.554	8.562			N/A
1/30/2019	GBPDKK	3:30:00 PM	8.538	8.548			N/A
1/31/2019	GBPDKK	9:30:00 AM	8.524	8.533			N/A
1/31/2019	GBPDKK	11:30:00 AM					N/A
1/31/2019	GBPDKK	1:30:00 PM	8.533	8.544			N/A
1/31/2019	GBPDKK	3:30:00 PM	8.52	8.528			N/A
2/1/2019	GBPDKK	9:30:00 AM	8.548	8.558			N/A
2/1/2019	GBPDKK	11:30:00 AM	8.525	8.533			N/A
2/1/2019	GBPDKK	1:30:00 PM	8.498	8.509			N/A
2/1/2019	GBPDKK	3:30:00 PM	8.5	8.502			N/A
2/4/2019	GBPDKK	9:30:00 AM	8.527	8.537			N/A

2/4/2019	GBPDKK	11:30:00 AM					N/A
2/4/2019	GBPDKK	1:30:00 PM	8.51	8.519			N/A
2/4/2019	GBPDKK	3:30:00 PM	8.51	8.52			N/A
2/5/2019	GBPDKK	9:30:00 AM	8.518	8.529			N/A
2/5/2019	GBPDKK	11:30:00 AM	8.524	8.522			N/A
2/5/2019	GBPDKK	1:30:00 PM	8.501	8.512			N/A
2/5/2019	GBPDKK	3:30:00 PM	8.494	8.503			N/A
2/6/2019	GBPDKK	9:30:00 AM	8.474	8.484			N/A
2/6/2019	GBPDKK	11:30:00 AM					N/A
2/6/2019	GBPDKK	1:30:00 PM	8.492	8.501			N/A
2/6/2019	GBPDKK	3:30:00 PM	8.487	8.497			N/A
2/7/2019	GBPDKK	9:30:00 AM	8.496	8.505			N/A
2/7/2019	GBPDKK	11:30:00 AM	8.484	8.494			N/A
2/7/2019	GBPDKK	1:30:00 PM	8.493	8.503			N/A
2/7/2019	GBPDKK	3:30:00 PM	8.506	8.515			N/A
2/8/2019	GBPDKK	9:30:00 AM	8.519	8.529			N/A
2/8/2019	GBPDKK	11:30:00 AM					N/A
2/8/2019	GBPDKK	1:30:00 PM	8.527	8.538			N/A
2/8/2019	GBPDKK	3:30:00 PM	8.526	8.536			N/A
2/11/2019	GBPDKK	9:30:00 AM	8.521	8.53			N/A
2/11/2019	GBPDKK	11:30:00 AM	8.514	8.516			N/A
2/11/2019	GBPDKK	1:30:00 PM	8.522	8.531			N/A
2/11/2019	GBPDKK	3:30:00 PM	8.511	8.52			N/A
2/12/2019	GBPDKK	9:30:00 AM	8.507	8.517			N/A
2/12/2019	GBPDKK	11:30:00 AM					N/A
2/12/2019	GBPDKK	1:30:00 PM	8.502	8.511			N/A
2/12/2019	GBPDKK	3:30:00 PM	8.504	8.515			N/A
2/13/2019	GBPDKK	9:30:00 AM	8.504	8.512			N/A
2/13/2019	GBPDKK	11:30:00 AM	8.489	8.496			N/A
2/13/2019	GBPDKK	1:30:00 PM	8.493	8.504			N/A
2/13/2019	GBPDKK	3:30:00 PM	8.523	8.528			N/A
2/14/2019	GBPDKK	9:30:00 AM	8.505	8.515			N/A
2/14/2019	GBPDKK	11:30:00 AM					N/A
2/14/2019	GBPDKK	1:30:00 PM	8.486	8.496			N/A
2/14/2019	GBPDKK	3:30:00 PM	8.476	8.482			N/A
2/15/2019	GBPDKK	9:30:00 AM					N/A
2/15/2019	GBPDKK	11:30:00 AM					N/A
2/15/2019	GBPDKK	1:30:00 PM					N/A
2/15/2019	GBPDKK	3:30:00 PM					N/A
2/18/2019	GBPDKK	9:30:00 AM	8.513	8.524			N/A
2/18/2019	GBPDKK	11:30:00 AM					N/A
2/18/2019	GBPDKK	1:30:00 PM	8.516	8.526			N/A
2/18/2019	GBPDKK	3:30:00 PM	8.51	8.52			N/A
2/19/2019	GBPDKK	9:30:00 AM	8.518	8.527			N/A
2/19/2019	GBPDKK	11:30:00 AM	8.524	8.531			N/A
2/19/2019	GBPDKK	1:30:00 PM	8.535	8.545			N/A
2/19/2019	GBPDKK	3:30:00 PM	8.552	8.56			N/A
2/20/2019	GBPDKK	9:30:00 AM	8.584	8.595			N/A
2/20/2019	GBPDKK	11:30:00 AM					N/A
2/20/2019	GBPDKK	1:30:00 PM	8.572	8.58			N/A

2/20/2019	GBPDKK	3:30:00 PM	8.576	8.585			N/A
2/21/2019	GBPDKK	9:30:00 AM	8.574	8.584			N/A
2/21/2019	GBPDKK	11:30:00 AM	8.604	8.611			N/A
2/21/2019	GBPDKK	1:30:00 PM	8.572	8.58			N/A
2/21/2019	GBPDKK	3:30:00 PM	8.59	8.599			N/A
2/22/2019	GBPDKK	9:30:00 AM	8.573	8.583			N/A
2/22/2019	GBPDKK	11:30:00 AM					N/A
2/22/2019	GBPDKK	1:30:00 PM	8.56	8.571			N/A
2/22/2019	GBPDKK	3:30:00 PM	8.55	8.56			N/A
2/25/2019	GBPDKK	9:30:00 AM	8.583	8.594			N/A
2/25/2019	GBPDKK	11:30:00 AM	8.593	8.603			N/A
2/25/2019	GBPDKK	1:30:00 PM	8.581	8.59			N/A
2/25/2019	GBPDKK	3:30:00 PM	8.585	8.596			N/A
2/26/2019	GBPDKK	9:30:00 AM	8.633	8.643			N/A
2/26/2019	GBPDKK	11:30:00 AM					N/A
2/26/2019	GBPDKK	1:30:00 PM	8.662	8.671			N/A
2/26/2019	GBPDKK	3:30:00 PM	8.659	8.667			N/A
2/27/2019	GBPDKK	9:30:00 AM	8.689	8.7			N/A
2/27/2019	GBPDKK	11:30:00 AM	8.689	8.7			N/A
2/27/2019	GBPDKK	1:30:00 PM	8.712	8.72			N/A
2/27/2019	GBPDKK	3:30:00 PM	8.722	8.732			N/A
2/28/2019	GBPDKK	9:30:00 AM	8.712	8.722			N/A
2/28/2019	GBPDKK	11:30:00 AM					N/A
2/28/2019	GBPDKK	1:30:00 PM	8.7	8.71			N/A
2/28/2019	GBPDKK	3:30:00 PM	8.7	8.706			N/A
3/1/2019	GBPDKK	9:30:00 AM	8.691	8.702			N/A
3/1/2019	GBPDKK	11:30:00 AM	8.693	8.701			N/A
3/1/2019	GBPDKK	1:30:00 PM	8.681	8.691			N/A
3/1/2019	GBPDKK	3:30:00 PM	8.673	8.683			N/A
3/4/2019	GBPDKK	9:30:00 AM	8.689	8.699			N/A
3/4/2019	GBPDKK	11:30:00 AM					N/A
3/4/2019	GBPDKK	1:30:00 PM	8.685	8.693			N/A
3/4/2019	GBPDKK	3:30:00 PM	8.693	8.703			N/A
3/5/2019	GBPDKK	9:30:00 AM	8.668	8.677			N/A
3/5/2019	GBPDKK	11:30:00 AM	8.682	8.687			N/A
3/5/2019	GBPDKK	1:30:00 PM	8.661	8.672			N/A
3/5/2019	GBPDKK	3:30:00 PM	8.629	8.638			N/A
3/6/2019	GBPDKK	9:30:00 AM	8.668	8.678			N/A
3/6/2019	GBPDKK	11:30:00 AM					N/A
3/6/2019	GBPDKK	1:30:00 PM	8.672	8.682			N/A
3/6/2019	GBPDKK	3:30:00 PM	8.678	8.681			N/A
3/7/2019	GBPDKK	9:30:00 AM	8.692	8.702			N/A
3/7/2019	GBPDKK	11:30:00 AM	8.683	8.69			N/A
3/7/2019	GBPDKK	1:30:00 PM	8.664	8.674			N/A
3/7/2019	GBPDKK	3:30:00 PM	8.688	8.699			N/A
3/8/2019	GBPDKK	9:30:00 AM	8.706	8.717			N/A
3/8/2019	GBPDKK	11:30:00 AM					N/A
3/8/2019	GBPDKK	1:30:00 PM	8.696	8.706			N/A
3/8/2019	GBPDKK	3:30:00 PM	8.686	8.691			N/A
3/11/2019	GBPDKK	9:30:00 AM	8.62	8.63			N/A

3/11/2019	GBPDKK	11:30:00 AM	8.601	8.61			N/A
3/11/2019	GBPDKK	1:30:00 PM	8.631	8.64			N/A
3/11/2019	GBPDKK	3:30:00 PM	8.653	8.662			N/A
3/12/2019	GBPDKK	9:30:00 AM	8.76	8.761			N/A
3/12/2019	GBPDKK	11:30:00 AM					N/A
3/12/2019	GBPDKK	1:30:00 PM	8.623	8.628			N/A
3/12/2019	GBPDKK	3:30:00 PM	8.67	8.672			N/A
3/13/2019	GBPDKK	9:30:00 AM	8.665	8.671			N/A
3/13/2019	GBPDKK	11:30:00 AM	8.672	8.681			N/A
3/13/2019	GBPDKK	1:30:00 PM	8.688	8.697			N/A
3/13/2019	GBPDKK	3:30:00 PM	8.694	8.702			N/A
3/14/2019	GBPDKK	9:30:00 AM	8.749	8.754			N/A
3/14/2019	GBPDKK	11:30:00 AM					N/A
3/14/2019	GBPDKK	1:30:00 PM	8.727	8.733			N/A
3/14/2019	GBPDKK	3:30:00 PM	8.754	8.765			N/A
3/15/2019	GBPDKK	9:30:00 AM	8.733	8.743			N/A
3/15/2019	GBPDKK	11:30:00 AM	8.726	8.736			N/A
3/15/2019	GBPDKK	1:30:00 PM	8.738	8.748			N/A
3/15/2019	GBPDKK	3:30:00 PM	8.739	8.748			N/A
3/18/2019	GBPDKK	9:30:00 AM	8.737	8.748			N/A
3/18/2019	GBPDKK	11:30:00 AM					N/A
3/18/2019	GBPDKK	1:30:00 PM	8.717	8.725			N/A
3/18/2019	GBPDKK	3:30:00 PM	8.707	8.717			N/A
3/19/2019	GBPDKK	9:30:00 AM	8.722	8.732			N/A
3/19/2019	GBPDKK	11:30:00 AM	8.717	8.727			N/A
3/19/2019	GBPDKK	1:30:00 PM	8.724	8.732			N/A
3/19/2019	GBPDKK	3:30:00 PM	8.715	8.722			N/A
3/20/2019	GBPDKK	9:30:00 AM	8.706	8.716			N/A
3/20/2019	GBPDKK	11:30:00 AM					N/A
3/20/2019	GBPDKK	1:30:00 PM	8.691	8.699			N/A
3/20/2019	GBPDKK	3:30:00 PM	8.66	8.662			N/A
3/21/2019	GBPDKK	9:30:00 AM	8.625	8.632			N/A
3/21/2019	GBPDKK	11:30:00 AM	8.619	8.624			N/A
3/21/2019	GBPDKK	1:30:00 PM	8.591	8.598			N/A
3/21/2019	GBPDKK	3:30:00 PM	8.604	8.614			N/A
3/22/2019	GBPDKK	9:30:00 AM	8.607	8.616			N/A
3/22/2019	GBPDKK	11:30:00 AM					N/A
3/22/2019	GBPDKK	1:30:00 PM	8.678	8.687			N/A
3/22/2019	GBPDKK	3:30:00 PM	8.693	8.699			N/A
3/25/2019	GBPDKK	9:30:00 AM	8.693	8.702			N/A
3/25/2019	GBPDKK	11:30:00 AM	8.695	8.706			N/A
3/25/2019	GBPDKK	1:30:00 PM	8.694	8.703			N/A
3/25/2019	GBPDKK	3:30:00 PM	8.726	8.734			N/A
3/26/2019	GBPDKK	9:30:00 AM	8.718	8.723			N/A
3/26/2019	GBPDKK	11:30:00 AM					N/A
3/26/2019	GBPDKK	1:30:00 PM	8.728	8.738			N/A
3/26/2019	GBPDKK	3:30:00 PM	8.743	8.752			N/A
3/27/2019	GBPDKK	9:30:00 AM	8.733	8.74			N/A
3/27/2019	GBPDKK	11:30:00 AM	8.739	8.75			N/A
3/27/2019	GBPDKK	1:30:00 PM	8.744	8.753			N/A

3/27/2019	GBPDKK	3:30:00 PM	8.77	8.778			N/A
3/28/2019	GBPDKK	9:30:00 AM	8.74	8.746			N/A
3/28/2019	GBPDKK	11:30:00 AM					N/A
3/28/2019	GBPDKK	1:30:00 PM	8.715	8.721			N/A
3/28/2019	GBPDKK	3:30:00 PM	8.714	8.722			N/A
3/29/2019	GBPDKK	9:30:00 AM	8.687	8.695			N/A
3/29/2019	GBPDKK	11:30:00 AM	8.664	8.668			N/A
3/29/2019	GBPDKK	1:30:00 PM	8.698	8.704			N/A
3/29/2019	GBPDKK	3:30:00 PM	8.689	8.698			N/A
1/1/2019	GBPHKD	9:30:00 AM					N/A
1/1/2019	GBPHKD	11:30:00 AM					N/A
1/1/2019	GBPHKD	1:30:00 PM					N/A
1/1/2019	GBPHKD	3:30:00 PM					N/A
1/2/2019	GBPHKD	9:30:00 AM					N/A
1/2/2019	GBPHKD	11:30:00 AM					N/A
1/2/2019	GBPHKD	1:30:00 PM					N/A
1/2/2019	GBPHKD	3:30:00 PM					N/A
1/3/2019	GBPHKD	9:30:00 AM					N/A
1/3/2019	GBPHKD	11:30:00 AM					N/A
1/3/2019	GBPHKD	1:30:00 PM					N/A
1/3/2019	GBPHKD	3:30:00 PM					N/A
1/4/2019	GBPHKD	9:30:00 AM					N/A
1/4/2019	GBPHKD	11:30:00 AM					N/A
1/4/2019	GBPHKD	1:30:00 PM					N/A
1/4/2019	GBPHKD	3:30:00 PM					N/A
1/7/2019	GBPHKD	9:30:00 AM	9.9808	9.9858			N/A
1/7/2019	GBPHKD	11:30:00 AM					N/A
1/7/2019	GBPHKD	1:30:00 PM	9.9753	9.9807			N/A
1/7/2019	GBPHKD	3:30:00 PM	9.9955	10.0004			N/A
1/8/2019	GBPHKD	9:30:00 AM	10.0102	10.0112			N/A
1/8/2019	GBPHKD	11:30:00 AM	10.0149	10.0205			N/A
1/8/2019	GBPHKD	1:30:00 PM	9.993	9.9973			N/A
1/8/2019	GBPHKD	3:30:00 PM	9.9835	9.9885			N/A
1/9/2019	GBPHKD	9:30:00 AM	9.9853	9.9902			N/A
1/9/2019	GBPHKD	11:30:00 AM					N/A
1/9/2019	GBPHKD	1:30:00 PM	9.9685	9.9738			N/A
1/9/2019	GBPHKD	3:30:00 PM	9.9777	9.9793			N/A
1/10/2019	GBPHKD	9:30:00 AM	10.004	10.0085			N/A
1/10/2019	GBPHKD	11:30:00 AM	10.0023	10.0043			N/A
1/10/2019	GBPHKD	1:30:00 PM	9.9863	9.9901			N/A
1/10/2019	GBPHKD	3:30:00 PM	10.0022	10.0066			N/A
1/11/2019	GBPHKD	9:30:00 AM	9.9977	10.0028			N/A
1/11/2019	GBPHKD	11:30:00 AM					N/A
1/11/2019	GBPHKD	1:30:00 PM	10.0261	10.0283			N/A
1/11/2019	GBPHKD	3:30:00 PM	10.0473	10.046			N/A
1/14/2019	GBPHKD	9:30:00 AM	10.0597	10.0646			N/A
1/14/2019	GBPHKD	11:30:00 AM	10.0598	10.0607			N/A
1/14/2019	GBPHKD	1:30:00 PM	10.0769	10.0799			N/A
1/14/2019	GBPHKD	3:30:00 PM	10.0756	10.0815			N/A
1/15/2019	GBPHKD	9:30:00 AM	10.1105	10.1113			N/A

1/15/2019	GBPHKD	11:30:00 AM					N/A
1/15/2019	GBPHKD	1:30:00 PM	10.0767	10.0811			N/A
1/15/2019	GBPHKD	3:30:00 PM	10.0698	10.0715			N/A
1/16/2019	GBPHKD	9:30:00 AM	10.0854	10.0872			N/A
1/16/2019	GBPHKD	11:30:00 AM	10.1071	10.1057			N/A
1/16/2019	GBPHKD	1:30:00 PM	10.0858	10.0907			N/A
1/16/2019	GBPHKD	3:30:00 PM	10.082	10.083			N/A
1/17/2019	GBPHKD	9:30:00 AM	10.087	10.0897			N/A
1/17/2019	GBPHKD	11:30:00 AM					N/A
1/17/2019	GBPHKD	1:30:00 PM	10.1186	10.1054			N/A
1/17/2019	GBPHKD	3:30:00 PM	10.1176	10.1167			N/A
1/18/2019	GBPHKD	9:30:00 AM	10.1659	10.1701			N/A
1/18/2019	GBPHKD	11:30:00 AM	10.1471	10.142			N/A
1/18/2019	GBPHKD	1:30:00 PM	10.1557	10.1559			N/A
1/18/2019	GBPHKD	3:30:00 PM	10.1442	10.1477			N/A
1/21/2019	GBPHKD	9:30:00 AM	10.0967	10.1018			N/A
1/21/2019	GBPHKD	11:30:00 AM					N/A
1/21/2019	GBPHKD	1:30:00 PM	10.0907	10.0954			N/A
1/21/2019	GBPHKD	3:30:00 PM	10.0905	10.0964			N/A
1/22/2019	GBPHKD	9:30:00 AM	10.0891	10.0916			N/A
1/22/2019	GBPHKD	11:30:00 AM	10.1204	10.1206			N/A
1/22/2019	GBPHKD	1:30:00 PM	10.1259	10.1301			N/A
1/22/2019	GBPHKD	3:30:00 PM	10.1256	10.1288			N/A
1/23/2019	GBPHKD	9:30:00 AM	10.1672	10.1726			N/A
1/23/2019	GBPHKD	11:30:00 AM					N/A
1/23/2019	GBPHKD	1:30:00 PM	10.2164	10.219			N/A
1/23/2019	GBPHKD	3:30:00 PM	10.2226	10.2255			N/A
1/24/2019	GBPHKD	9:30:00 AM	10.2407	10.2457			N/A
1/24/2019	GBPHKD	11:30:00 AM	10.2287	10.2329			N/A
1/24/2019	GBPHKD	1:30:00 PM	10.2166	10.2182			N/A
1/24/2019	GBPHKD	3:30:00 PM	10.2255	10.2254			N/A
1/25/2019	GBPHKD	9:30:00 AM	10.2812	10.2838			N/A
1/25/2019	GBPHKD	11:30:00 AM					N/A
1/25/2019	GBPHKD	1:30:00 PM	10.2694	10.2735			N/A
1/25/2019	GBPHKD	3:30:00 PM	10.2616	10.2673			N/A
1/28/2019	GBPHKD	9:30:00 AM	10.3361	10.3413			N/A
1/28/2019	GBPHKD	11:30:00 AM	10.3168	10.3224			N/A
1/28/2019	GBPHKD	1:30:00 PM	10.3327	10.3383			N/A
1/28/2019	GBPHKD	3:30:00 PM	10.3153	10.3211			N/A
1/29/2019	GBPHKD	9:30:00 AM	10.3174	10.3206			N/A
1/29/2019	GBPHKD	11:30:00 AM					N/A
1/29/2019	GBPHKD	1:30:00 PM	10.3133	10.3152			N/A
1/29/2019	GBPHKD	3:30:00 PM	10.3281	10.3304			N/A
1/30/2019	GBPHKD	9:30:00 AM	10.2595	10.2628			N/A
1/30/2019	GBPHKD	11:30:00 AM	10.2764	10.2822			N/A
1/30/2019	GBPHKD	1:30:00 PM	10.2739	10.2756			N/A
1/30/2019	GBPHKD	3:30:00 PM	10.2528	10.2579			N/A
1/31/2019	GBPHKD	9:30:00 AM	10.316	10.3158			N/A
1/31/2019	GBPHKD	11:30:00 AM					N/A
1/31/2019	GBPHKD	1:30:00 PM	10.2992	10.3042			N/A

1/31/2019	GBPHKD	3:30:00 PM	10.2876	10.2906			N/A
2/1/2019	GBPHKD	9:30:00 AM	10.2791	10.2827			N/A
2/1/2019	GBPHKD	11:30:00 AM	10.2664	10.269			N/A
2/1/2019	GBPHKD	1:30:00 PM	10.2482	10.2533			N/A
2/1/2019	GBPHKD	3:30:00 PM	10.2443	10.2406			N/A
2/4/2019	GBPHKD	9:30:00 AM	10.254	10.258			N/A
2/4/2019	GBPHKD	11:30:00 AM					N/A
2/4/2019	GBPHKD	1:30:00 PM	10.2377	10.243			N/A
2/4/2019	GBPHKD	3:30:00 PM	10.2403	10.2448			N/A
2/5/2019	GBPHKD	9:30:00 AM	10.2284	10.2343			N/A
2/5/2019	GBPHKD	11:30:00 AM	10.2307	10.2167			N/A
2/5/2019	GBPHKD	1:30:00 PM	10.1983	10.2032			N/A
2/5/2019	GBPHKD	3:30:00 PM	10.1962	10.1997			N/A
2/6/2019	GBPHKD	9:30:00 AM	10.1412	10.1426			N/A
2/6/2019	GBPHKD	11:30:00 AM					N/A
2/6/2019	GBPHKD	1:30:00 PM	10.162	10.1648			N/A
2/6/2019	GBPHKD	3:30:00 PM	10.1612	10.1671			N/A
2/7/2019	GBPHKD	9:30:00 AM	10.1435	10.1468			N/A
2/7/2019	GBPHKD	11:30:00 AM	10.1176	10.1226			N/A
2/7/2019	GBPHKD	1:30:00 PM	10.1182	10.1222			N/A
2/7/2019	GBPHKD	3:30:00 PM	10.1417	10.1433			N/A
2/8/2019	GBPHKD	9:30:00 AM	10.1549	10.1577			N/A
2/8/2019	GBPHKD	11:30:00 AM					N/A
2/8/2019	GBPHKD	1:30:00 PM	10.1657	10.1716			N/A
2/8/2019	GBPHKD	3:30:00 PM	10.1708	10.1759			N/A
2/11/2019	GBPHKD	9:30:00 AM	10.1453	10.1499			N/A
2/11/2019	GBPHKD	11:30:00 AM	10.1321	10.1229			N/A
2/11/2019	GBPHKD	1:30:00 PM	10.1394	10.1439			N/A
2/11/2019	GBPHKD	3:30:00 PM	10.1191	10.1246			N/A
2/12/2019	GBPHKD	9:30:00 AM	10.0953	10.1005			N/A
2/12/2019	GBPHKD	11:30:00 AM					N/A
2/12/2019	GBPHKD	1:30:00 PM	10.0842	10.0863			N/A
2/12/2019	GBPHKD	3:30:00 PM	10.1012	10.107			N/A
2/13/2019	GBPHKD	9:30:00 AM	10.1316	10.1342			N/A
2/13/2019	GBPHKD	11:30:00 AM	10.1094	10.1099			N/A
2/13/2019	GBPHKD	1:30:00 PM	10.1094	10.1146			N/A
2/13/2019	GBPHKD	3:30:00 PM	10.1315	10.1319			N/A
2/14/2019	GBPHKD	9:30:00 AM	10.0966	10.1011			N/A
2/14/2019	GBPHKD	11:30:00 AM					N/A
2/14/2019	GBPHKD	1:30:00 PM	10.0627	10.0685			N/A
2/14/2019	GBPHKD	3:30:00 PM	10.0502	10.0537			N/A
2/15/2019	GBPHKD	9:30:00 AM					N/A
2/15/2019	GBPHKD	11:30:00 AM					N/A
2/15/2019	GBPHKD	1:30:00 PM					N/A
2/15/2019	GBPHKD	3:30:00 PM					N/A
2/18/2019	GBPHKD	9:30:00 AM	10.1266	10.1305			N/A
2/18/2019	GBPHKD	11:30:00 AM					N/A
2/18/2019	GBPHKD	1:30:00 PM	10.1439	10.1481			N/A
2/18/2019	GBPHKD	3:30:00 PM	10.1349	10.1392			N/A
2/19/2019	GBPHKD	9:30:00 AM	10.1273	10.131			N/A

2/19/2019	GBPHKD	11:30:00 AM	10.1359	10.136			N/A
2/19/2019	GBPHKD	1:30:00 PM	10.1299	10.1357			N/A
2/19/2019	GBPHKD	3:30:00 PM	10.1573	10.1611			N/A
2/20/2019	GBPHKD	9:30:00 AM	10.2375	10.2417			N/A
2/20/2019	GBPHKD	11:30:00 AM					N/A
2/20/2019	GBPHKD	1:30:00 PM	10.2174	10.2209			N/A
2/20/2019	GBPHKD	3:30:00 PM	10.2277	10.2309			N/A
2/21/2019	GBPHKD	9:30:00 AM	10.2233	10.2273			N/A
2/21/2019	GBPHKD	11:30:00 AM	10.2528	10.2544			N/A
2/21/2019	GBPHKD	1:30:00 PM	10.232	10.2288			N/A
2/21/2019	GBPHKD	3:30:00 PM	10.2552	10.2593			N/A
2/22/2019	GBPHKD	9:30:00 AM	10.2341	10.2384			N/A
2/22/2019	GBPHKD	11:30:00 AM					N/A
2/22/2019	GBPHKD	1:30:00 PM	10.2126	10.2156			N/A
2/22/2019	GBPHKD	3:30:00 PM	10.1937	10.1981			N/A
2/25/2019	GBPHKD	9:30:00 AM	10.2492	10.2531			N/A
2/25/2019	GBPHKD	11:30:00 AM	10.2588	10.2635			N/A
2/25/2019	GBPHKD	1:30:00 PM	10.2581	10.261			N/A
2/25/2019	GBPHKD	3:30:00 PM	10.255	10.2588			N/A
2/26/2019	GBPHKD	9:30:00 AM	10.3123	10.3153			N/A
2/26/2019	GBPHKD	11:30:00 AM					N/A
2/26/2019	GBPHKD	1:30:00 PM	10.3546	10.3583			N/A
2/26/2019	GBPHKD	3:30:00 PM	10.3494	10.3512			N/A
2/27/2019	GBPHKD	9:30:00 AM	10.3991	10.4035			N/A
2/27/2019	GBPHKD	11:30:00 AM	10.4136	10.4181			N/A
2/27/2019	GBPHKD	1:30:00 PM	10.4496	10.4531			N/A
2/27/2019	GBPHKD	3:30:00 PM	10.447	10.4524			N/A
2/28/2019	GBPHKD	9:30:00 AM	10.4328	10.4337			N/A
2/28/2019	GBPHKD	11:30:00 AM					N/A
2/28/2019	GBPHKD	1:30:00 PM	10.4483	10.4541			N/A
2/28/2019	GBPHKD	3:30:00 PM	10.434	10.4308			N/A
3/1/2019	GBPHKD	9:30:00 AM	10.3935	10.3987			N/A
3/1/2019	GBPHKD	11:30:00 AM	10.3878	10.387			N/A
3/1/2019	GBPHKD	1:30:00 PM	10.3912	10.3953			N/A
3/1/2019	GBPHKD	3:30:00 PM	10.3817	10.3852			N/A
3/4/2019	GBPHKD	9:30:00 AM	10.3893	10.3933			N/A
3/4/2019	GBPHKD	11:30:00 AM					N/A
3/4/2019	GBPHKD	1:30:00 PM	10.3598	10.3619			N/A
3/4/2019	GBPHKD	3:30:00 PM	10.3738	10.378			N/A
3/5/2019	GBPHKD	9:30:00 AM	10.3212	10.3247			N/A
3/5/2019	GBPHKD	11:30:00 AM	10.3467	10.3356			N/A
3/5/2019	GBPHKD	1:30:00 PM	10.3239	10.3287			N/A
3/5/2019	GBPHKD	3:30:00 PM	10.2818	10.2849			N/A
3/6/2019	GBPHKD	9:30:00 AM	10.303	10.3069			N/A
3/6/2019	GBPHKD	11:30:00 AM					N/A
3/6/2019	GBPHKD	1:30:00 PM	10.3155	10.3191			N/A
3/6/2019	GBPHKD	3:30:00 PM	10.3151	10.3192			N/A
3/7/2019	GBPHKD	9:30:00 AM	10.3378	10.342			N/A
3/7/2019	GBPHKD	11:30:00 AM	10.3323	10.3325			N/A
3/7/2019	GBPHKD	1:30:00 PM	10.3119	10.3175			N/A

3/7/2019	GBPHKD	3:30:00 PM	10.3041	10.3038			N/A
3/8/2019	GBPHKD	9:30:00 AM	10.2663	10.2708			N/A
3/8/2019	GBPHKD	11:30:00 AM					N/A
3/8/2019	GBPHKD	1:30:00 PM	10.2662	10.2713			N/A
3/8/2019	GBPHKD	3:30:00 PM	10.2578	10.263			N/A
3/11/2019	GBPHKD	9:30:00 AM	10.1973	10.2008			N/A
3/11/2019	GBPHKD	11:30:00 AM	10.1785	10.1833			N/A
3/11/2019	GBPHKD	1:30:00 PM	10.2081	10.2116			N/A
3/11/2019	GBPHKD	3:30:00 PM	10.2439	10.2446			N/A
3/12/2019	GBPHKD	9:30:00 AM	10.375	10.3696			N/A
3/12/2019	GBPHKD	11:30:00 AM					N/A
3/12/2019	GBPHKD	1:30:00 PM	10.2148	10.2127			N/A
3/12/2019	GBPHKD	3:30:00 PM	10.2899	10.2798			N/A
3/13/2019	GBPHKD	9:30:00 AM	10.2892	10.2889			N/A
3/13/2019	GBPHKD	11:30:00 AM	10.3073	10.311			N/A
3/13/2019	GBPHKD	1:30:00 PM	10.3241	10.327			N/A
3/13/2019	GBPHKD	3:30:00 PM	10.3367	10.3364			N/A
3/14/2019	GBPHKD	9:30:00 AM	10.4234	10.421			N/A
3/14/2019	GBPHKD	11:30:00 AM					N/A
3/14/2019	GBPHKD	1:30:00 PM	10.3728	10.3757			N/A
3/14/2019	GBPHKD	3:30:00 PM	10.4049	10.4105			N/A
3/15/2019	GBPHKD	9:30:00 AM	10.3977	10.4022			N/A
3/15/2019	GBPHKD	11:30:00 AM	10.3869	10.3916			N/A
3/15/2019	GBPHKD	1:30:00 PM	10.4026	10.4075			N/A
3/15/2019	GBPHKD	3:30:00 PM	10.4016	10.4036			N/A
3/18/2019	GBPHKD	9:30:00 AM	10.4221	10.4271			N/A
3/18/2019	GBPHKD	11:30:00 AM					N/A
3/18/2019	GBPHKD	1:30:00 PM	10.4126	10.4149			N/A
3/18/2019	GBPHKD	3:30:00 PM	10.3916	10.3965			N/A
3/19/2019	GBPHKD	9:30:00 AM	10.4118	10.4168			N/A
3/19/2019	GBPHKD	11:30:00 AM	10.4095	10.4145			N/A
3/19/2019	GBPHKD	1:30:00 PM	10.4222	10.424			N/A
3/19/2019	GBPHKD	3:30:00 PM	10.4075	10.4074			N/A
3/20/2019	GBPHKD	9:30:00 AM	10.3942	10.3989			N/A
3/20/2019	GBPHKD	11:30:00 AM					N/A
3/20/2019	GBPHKD	1:30:00 PM	10.3779	10.3797			N/A
3/20/2019	GBPHKD	3:30:00 PM	10.3472	10.343			N/A
3/21/2019	GBPHKD	9:30:00 AM	10.3664	10.3669			N/A
3/21/2019	GBPHKD	11:30:00 AM	10.3325	10.3312			N/A
3/21/2019	GBPHKD	1:30:00 PM	10.289	10.2893			N/A
3/21/2019	GBPHKD	3:30:00 PM	10.3062	10.3095			N/A
3/22/2019	GBPHKD	9:30:00 AM	10.3032	10.3068			N/A
3/22/2019	GBPHKD	11:30:00 AM					N/A
3/22/2019	GBPHKD	1:30:00 PM	10.3169	10.32			N/A
3/22/2019	GBPHKD	3:30:00 PM	10.3316	10.3312			N/A
3/25/2019	GBPHKD	9:30:00 AM	10.3353	10.3379			N/A
3/25/2019	GBPHKD	11:30:00 AM	10.3475	10.3517			N/A
3/25/2019	GBPHKD	1:30:00 PM	10.3357	10.3404			N/A
3/25/2019	GBPHKD	3:30:00 PM	10.3819	10.3844			N/A
3/26/2019	GBPHKD	9:30:00 AM	10.3697	10.368			N/A

3/26/2019	GBPHKD	11:30:00 AM					N/A
3/26/2019	GBPHKD	1:30:00 PM	10.3874	10.3894			N/A
3/26/2019	GBPHKD	3:30:00 PM	10.38	10.3846			N/A
3/27/2019	GBPHKD	9:30:00 AM	10.3351	10.3363			N/A
3/27/2019	GBPHKD	11:30:00 AM	10.359	10.3648			N/A
3/27/2019	GBPHKD	1:30:00 PM	10.3682	10.3713			N/A
3/27/2019	GBPHKD	3:30:00 PM	10.3826	10.3844			N/A
3/28/2019	GBPHKD	9:30:00 AM	10.345	10.3448			N/A
3/28/2019	GBPHKD	11:30:00 AM					N/A
3/28/2019	GBPHKD	1:30:00 PM	10.29	10.2894			N/A
3/28/2019	GBPHKD	3:30:00 PM	10.2858	10.2903			N/A
3/29/2019	GBPHKD	9:30:00 AM	10.2659	10.2675			N/A
3/29/2019	GBPHKD	11:30:00 AM	10.2273	10.2258			N/A
3/29/2019	GBPHKD	1:30:00 PM	10.273	10.2731			N/A
3/29/2019	GBPHKD	3:30:00 PM	10.2646	10.2681			N/A
1/1/2019	GBPHUF	9:30:00 AM					N/A
1/1/2019	GBPHUF	11:30:00 AM					N/A
1/1/2019	GBPHUF	1:30:00 PM					N/A
1/1/2019	GBPHUF	3:30:00 PM					N/A
1/2/2019	GBPHUF	9:30:00 AM					N/A
1/2/2019	GBPHUF	11:30:00 AM					N/A
1/2/2019	GBPHUF	1:30:00 PM					N/A
1/2/2019	GBPHUF	3:30:00 PM					N/A
1/3/2019	GBPHUF	9:30:00 AM					N/A
1/3/2019	GBPHUF	11:30:00 AM					N/A
1/3/2019	GBPHUF	1:30:00 PM					N/A
1/3/2019	GBPHUF	3:30:00 PM					N/A
1/3/2019	GBPHUF	3:30:00 PM					N/A
1/4/2019	GBPHUF	9:30:00 AM					N/A
1/4/2019	GBPHUF	11:30:00 AM					N/A
1/4/2019	GBPHUF	1:30:00 PM					N/A
1/4/2019	GBPHUF	3:30:00 PM					N/A
1/7/2019	GBPHUF	9:30:00 AM	358	358.4			N/A
1/7/2019	GBPHUF	11:30:00 AM					N/A
1/7/2019	GBPHUF	1:30:00 PM	357.28	357.64			N/A
1/7/2019	GBPHUF	3:30:00 PM	357.51	357.93			N/A
1/8/2019	GBPHUF	9:30:00 AM	358.4	358.63			N/A
1/8/2019	GBPHUF	11:30:00 AM	358.17	358.52			N/A
1/8/2019	GBPHUF	1:30:00 PM	358.08	358.5			N/A
1/8/2019	GBPHUF	3:30:00 PM	358.27	358.51			N/A
1/9/2019	GBPHUF	9:30:00 AM	356.91	357.31			N/A
1/9/2019	GBPHUF	11:30:00 AM					N/A
1/9/2019	GBPHUF	1:30:00 PM	357.2	357.42			N/A
1/9/2019	GBPHUF	3:30:00 PM	357.46	357.84			N/A
1/10/2019	GBPHUF	9:30:00 AM	355.07	355.49			N/A
1/10/2019	GBPHUF	11:30:00 AM	355.98	356.21			N/A
1/10/2019	GBPHUF	1:30:00 PM	354.75	355.13			N/A
1/10/2019	GBPHUF	3:30:00 PM	354.82	355.11			N/A
1/11/2019	GBPHUF	9:30:00 AM	355	355.45			N/A
1/11/2019	GBPHUF	11:30:00 AM					N/A
1/11/2019	GBPHUF	1:30:00 PM	356.38	356.75			N/A

1/11/2019	GBPHUF	3:30:00 PM	357.13	357.39			N/A
1/14/2019	GBPHUF	9:30:00 AM	359.19	359.66			N/A
1/14/2019	GBPHUF	11:30:00 AM	358.98	359.37			N/A
1/14/2019	GBPHUF	1:30:00 PM	359.79	360.16			N/A
1/14/2019	GBPHUF	3:30:00 PM	360.06	360.53			N/A
1/15/2019	GBPHUF	9:30:00 AM	361.07	361.47			N/A
1/15/2019	GBPHUF	11:30:00 AM					N/A
1/15/2019	GBPHUF	1:30:00 PM	361.76	362.12			N/A
1/15/2019	GBPHUF	3:30:00 PM	362.57	362.86			N/A
1/16/2019	GBPHUF	9:30:00 AM	364.33	364.55			N/A
1/16/2019	GBPHUF	11:30:00 AM	364.74	365			N/A
1/16/2019	GBPHUF	1:30:00 PM	362.91	363.21			N/A
1/16/2019	GBPHUF	3:30:00 PM	362.72	363.01			N/A
1/17/2019	GBPHUF	9:30:00 AM	363.4	363.79			N/A
1/17/2019	GBPHUF	11:30:00 AM					N/A
1/17/2019	GBPHUF	1:30:00 PM	362.52	362.35			N/A
1/17/2019	GBPHUF	3:30:00 PM	361.85	362.14			N/A
1/18/2019	GBPHUF	9:30:00 AM	363.17	363.54			N/A
1/18/2019	GBPHUF	11:30:00 AM	362.03	361.98			N/A
1/18/2019	GBPHUF	1:30:00 PM	361.29	361.61			N/A
1/18/2019	GBPHUF	3:30:00 PM	360.55	360.87			N/A
1/21/2019	GBPHUF	9:30:00 AM	359.29	359.76			N/A
1/21/2019	GBPHUF	11:30:00 AM					N/A
1/21/2019	GBPHUF	1:30:00 PM	359.38	359.81			N/A
1/21/2019	GBPHUF	3:30:00 PM	359.47	359.93			N/A
1/22/2019	GBPHUF	9:30:00 AM	359.84	360.03			N/A
1/22/2019	GBPHUF	11:30:00 AM	360.58	360.91			N/A
1/22/2019	GBPHUF	1:30:00 PM	361.1	361.55			N/A
1/22/2019	GBPHUF	3:30:00 PM	361.28	361.54			N/A
1/23/2019	GBPHUF	9:30:00 AM	362.65	363.05			N/A
1/23/2019	GBPHUF	11:30:00 AM					N/A
1/23/2019	GBPHUF	1:30:00 PM	364.24	364.59			N/A
1/23/2019	GBPHUF	3:30:00 PM	364.39	364.8			N/A
1/24/2019	GBPHUF	9:30:00 AM	364.74	365.2			N/A
1/24/2019	GBPHUF	11:30:00 AM	365.97	366.4			N/A
1/24/2019	GBPHUF	1:30:00 PM	365.79	366.15			N/A
1/24/2019	GBPHUF	3:30:00 PM	365.9	366.16			N/A
1/25/2019	GBPHUF	9:30:00 AM	368.32	368.72			N/A
1/25/2019	GBPHUF	11:30:00 AM					N/A
1/25/2019	GBPHUF	1:30:00 PM	366.96	367.23			N/A
1/25/2019	GBPHUF	3:30:00 PM	366.5	366.94			N/A
1/28/2019	GBPHUF	9:30:00 AM	366.34	366.77			N/A
1/28/2019	GBPHUF	11:30:00 AM	366.31	366.76			N/A
1/28/2019	GBPHUF	1:30:00 PM	366.37	366.84			N/A
1/28/2019	GBPHUF	3:30:00 PM	365.3	365.69			N/A
1/29/2019	GBPHUF	9:30:00 AM	364.6	365			N/A
1/29/2019	GBPHUF	11:30:00 AM					N/A
1/29/2019	GBPHUF	1:30:00 PM	364.46	364.84			N/A
1/29/2019	GBPHUF	3:30:00 PM	365.34	365.73			N/A
1/30/2019	GBPHUF	9:30:00 AM	362.56	362.89			N/A

1/30/2019	GBPHUF	11:30:00 AM	363.22	363.69			N/A
1/30/2019	GBPHUF	1:30:00 PM	363.11	363.46			N/A
1/30/2019	GBPHUF	3:30:00 PM	361.9	362.35			N/A
1/31/2019	GBPHUF	9:30:00 AM	360.27	360.5			N/A
1/31/2019	GBPHUF	11:30:00 AM					N/A
1/31/2019	GBPHUF	1:30:00 PM	361.04	361.5			N/A
1/31/2019	GBPHUF	3:30:00 PM	360.03	360.48			N/A
2/1/2019	GBPHUF	9:30:00 AM	361.33	361.61			N/A
2/1/2019	GBPHUF	11:30:00 AM	362.07	362.26			N/A
2/1/2019	GBPHUF	1:30:00 PM	361.85	362.32			N/A
2/1/2019	GBPHUF	3:30:00 PM	361.7	362.01			N/A
2/4/2019	GBPHUF	9:30:00 AM	362.5	362.95			N/A
2/4/2019	GBPHUF	11:30:00 AM					N/A
2/4/2019	GBPHUF	1:30:00 PM	361.89	362.3			N/A
2/4/2019	GBPHUF	3:30:00 PM	362.13	362.58			N/A
2/5/2019	GBPHUF	9:30:00 AM	361.87	362.31			N/A
2/5/2019	GBPHUF	11:30:00 AM	362.31	362.33			N/A
2/5/2019	GBPHUF	1:30:00 PM	361.28	361.7			N/A
2/5/2019	GBPHUF	3:30:00 PM	360.99	361.39			N/A
2/6/2019	GBPHUF	9:30:00 AM	360.69	361.13			N/A
2/6/2019	GBPHUF	11:30:00 AM					N/A
2/6/2019	GBPHUF	1:30:00 PM	362.14	362.53			N/A
2/6/2019	GBPHUF	3:30:00 PM	362.06	362.3			N/A
2/7/2019	GBPHUF	9:30:00 AM	362.78	363.18			N/A
2/7/2019	GBPHUF	11:30:00 AM	363.02	363.39			N/A
2/7/2019	GBPHUF	1:30:00 PM	363.19	363.62			N/A
2/7/2019	GBPHUF	3:30:00 PM	363.92	364.07			N/A
2/8/2019	GBPHUF	9:30:00 AM	363.59	363.96			N/A
2/8/2019	GBPHUF	11:30:00 AM					N/A
2/8/2019	GBPHUF	1:30:00 PM					N/A
2/8/2019	GBPHUF	3:30:00 PM	363.33	363.77			N/A
2/11/2019	GBPHUF	9:30:00 AM	363.53	363.94			N/A
2/11/2019	GBPHUF	11:30:00 AM	364.38	364.38			N/A
2/11/2019	GBPHUF	1:30:00 PM	364.91	365.29			N/A
2/11/2019	GBPHUF	3:30:00 PM	364.44	364.82			N/A
2/12/2019	GBPHUF	9:30:00 AM	364.22	364.66			N/A
2/12/2019	GBPHUF	11:30:00 AM					N/A
2/12/2019	GBPHUF	1:30:00 PM	362.25	362.58			N/A
2/12/2019	GBPHUF	3:30:00 PM	362.17	362.61			N/A
2/13/2019	GBPHUF	9:30:00 AM	362.27	362.65			N/A
2/13/2019	GBPHUF	11:30:00 AM	360.92	361.28			N/A
2/13/2019	GBPHUF	1:30:00 PM	361.81	362.26			N/A
2/13/2019	GBPHUF	3:30:00 PM	363.05	363.32			N/A
2/14/2019	GBPHUF	9:30:00 AM	362.87	363.32			N/A
2/14/2019	GBPHUF	11:30:00 AM					N/A
2/14/2019	GBPHUF	1:30:00 PM	362.37	362.77			N/A
2/14/2019	GBPHUF	3:30:00 PM	362.05	362.5			N/A
2/15/2019	GBPHUF	9:30:00 AM					N/A
2/15/2019	GBPHUF	11:30:00 AM					N/A
2/15/2019	GBPHUF	1:30:00 PM					N/A

2/15/2019	GBPHUF	3:30:00 PM					N/A
2/18/2019	GBPHUF	9:30:00 AM	362.36	362.84			N/A
2/18/2019	GBPHUF	11:30:00 AM					N/A
2/18/2019	GBPHUF	1:30:00 PM	362.66	363.09			N/A
2/18/2019	GBPHUF	3:30:00 PM	362.46	362.92			N/A
2/19/2019	GBPHUF	9:30:00 AM	362.69	363.11			N/A
2/19/2019	GBPHUF	11:30:00 AM	363.2	363.53			N/A
2/19/2019	GBPHUF	1:30:00 PM	364.07	364.45			N/A
2/19/2019	GBPHUF	3:30:00 PM	364.59	364.89			N/A
2/20/2019	GBPHUF	9:30:00 AM	365.03	365.51			N/A
2/20/2019	GBPHUF	11:30:00 AM					N/A
2/20/2019	GBPHUF	1:30:00 PM	364.53	364.89			N/A
2/20/2019	GBPHUF	3:30:00 PM	364.56	364.97			N/A
2/21/2019	GBPHUF	9:30:00 AM	364.14	364.29			N/A
2/21/2019	GBPHUF	11:30:00 AM	365.44	365.75			N/A
2/21/2019	GBPHUF	1:30:00 PM	364.51	364.66			N/A
2/21/2019	GBPHUF	3:30:00 PM	365.21	365.64			N/A
2/22/2019	GBPHUF	9:30:00 AM	364.43	364.79			N/A
2/22/2019	GBPHUF	11:30:00 AM					N/A
2/22/2019	GBPHUF	1:30:00 PM	364.48	364.9			N/A
2/22/2019	GBPHUF	3:30:00 PM	363.84	364.21			N/A
2/25/2019	GBPHUF	9:30:00 AM	364.76	365.23			N/A
2/25/2019	GBPHUF	11:30:00 AM	365.9	366.29			N/A
2/25/2019	GBPHUF	1:30:00 PM	365.16	365.54			N/A
2/25/2019	GBPHUF	3:30:00 PM	365.39	365.63			N/A
2/26/2019	GBPHUF	9:30:00 AM	367.44	367.88			N/A
2/26/2019	GBPHUF	11:30:00 AM					N/A
2/26/2019	GBPHUF	1:30:00 PM	368.07	368.5			N/A
2/26/2019	GBPHUF	3:30:00 PM	367.68	368			N/A
2/27/2019	GBPHUF	9:30:00 AM	368.56	369.01			N/A
2/27/2019	GBPHUF	11:30:00 AM	368.23	368.71			N/A
2/27/2019	GBPHUF	1:30:00 PM	369.41	369.79			N/A
2/27/2019	GBPHUF	3:30:00 PM	369.62	369.93			N/A
2/28/2019	GBPHUF	9:30:00 AM	369.27	369.64			N/A
2/28/2019	GBPHUF	11:30:00 AM					N/A
2/28/2019	GBPHUF	1:30:00 PM	368.33	368.74			N/A
2/28/2019	GBPHUF	3:30:00 PM	368	368.28			N/A
3/1/2019	GBPHUF	9:30:00 AM	368.02	368.29			N/A
3/1/2019	GBPHUF	11:30:00 AM	367.58	367.8			N/A
3/1/2019	GBPHUF	1:30:00 PM	367.35	367.73			N/A
3/1/2019	GBPHUF	3:30:00 PM	367.07	367.5			N/A
3/4/2019	GBPHUF	9:30:00 AM	367.8	368.21			N/A
3/4/2019	GBPHUF	11:30:00 AM					N/A
3/4/2019	GBPHUF	1:30:00 PM	367.57	367.95			N/A
3/4/2019	GBPHUF	3:30:00 PM	367.71	368.12			N/A
3/5/2019	GBPHUF	9:30:00 AM	366.8	367.03			N/A
3/5/2019	GBPHUF	11:30:00 AM	366.81	366.79			N/A
3/5/2019	GBPHUF	1:30:00 PM	366.13	366.59			N/A
3/5/2019	GBPHUF	3:30:00 PM	364.81	365.22			N/A
3/6/2019	GBPHUF	9:30:00 AM	366.34	366.77			N/A

3/6/2019	GBPHUF	11:30:00 AM					N/A
3/6/2019	GBPHUF	1:30:00 PM	366.6	367.05			N/A
3/6/2019	GBPHUF	3:30:00 PM	366.4	366.79			N/A
3/7/2019	GBPHUF	9:30:00 AM	367.44	367.87			N/A
3/7/2019	GBPHUF	11:30:00 AM	366.7	367.03			N/A
3/7/2019	GBPHUF	1:30:00 PM	366.05	366.51			N/A
3/7/2019	GBPHUF	3:30:00 PM	367.13	367.18			N/A
3/8/2019	GBPHUF	9:30:00 AM	369.08	369.53			N/A
3/8/2019	GBPHUF	11:30:00 AM					N/A
3/8/2019	GBPHUF	1:30:00 PM	368.18	368.62			N/A
3/8/2019	GBPHUF	3:30:00 PM	367.48	367.95			N/A
3/11/2019	GBPHUF	9:30:00 AM	364.42	364.71			N/A
3/11/2019	GBPHUF	11:30:00 AM	363.37	363.8			N/A
3/11/2019	GBPHUF	1:30:00 PM	365.3	365.64			N/A
3/11/2019	GBPHUF	3:30:00 PM	366.08	366.48			N/A
3/12/2019	GBPHUF	9:30:00 AM	370.37	370.4			N/A
3/12/2019	GBPHUF	11:30:00 AM					N/A
3/12/2019	GBPHUF	1:30:00 PM	364.82	365			N/A
3/12/2019	GBPHUF	3:30:00 PM	366.23	366.26			N/A
3/13/2019	GBPHUF	9:30:00 AM	365.88	366.09			N/A
3/13/2019	GBPHUF	11:30:00 AM	365.47	365.88			N/A
3/13/2019	GBPHUF	1:30:00 PM	366.32	366.68			N/A
3/13/2019	GBPHUF	3:30:00 PM	366.32	366.65			N/A
3/14/2019	GBPHUF	9:30:00 AM	368.61	368.74			N/A
3/14/2019	GBPHUF	11:30:00 AM					N/A
3/14/2019	GBPHUF	1:30:00 PM	367.49	367.76			N/A
3/14/2019	GBPHUF	3:30:00 PM	368.55	369.02			N/A
3/15/2019	GBPHUF	9:30:00 AM	367.7	368.1			N/A
3/15/2019	GBPHUF	11:30:00 AM	367.34	367.79			N/A
3/15/2019	GBPHUF	1:30:00 PM	367.81	368.24			N/A
3/15/2019	GBPHUF	3:30:00 PM	367.86	368.26			N/A
3/18/2019	GBPHUF	9:30:00 AM	367.87	368.31			N/A
3/18/2019	GBPHUF	11:30:00 AM					N/A
3/18/2019	GBPHUF	1:30:00 PM	366.88	367.29			N/A
3/18/2019	GBPHUF	3:30:00 PM	366.61	367.01			N/A
3/19/2019	GBPHUF	9:30:00 AM	366.67	367.09			N/A
3/19/2019	GBPHUF	11:30:00 AM	366.23	366.68			N/A
3/19/2019	GBPHUF	1:30:00 PM	366.26	366.62			N/A
3/19/2019	GBPHUF	3:30:00 PM	365.59	365.91			N/A
3/20/2019	GBPHUF	9:30:00 AM	364.91	365.37			N/A
3/20/2019	GBPHUF	11:30:00 AM					N/A
3/20/2019	GBPHUF	1:30:00 PM	364.16	364.54			N/A
3/20/2019	GBPHUF	3:30:00 PM	363.46	363.52			N/A
3/21/2019	GBPHUF	9:30:00 AM	362.65	362.94			N/A
3/21/2019	GBPHUF	11:30:00 AM	362.87	363.04			N/A
3/21/2019	GBPHUF	1:30:00 PM	361.72	362.06			N/A
3/21/2019	GBPHUF	3:30:00 PM	362.21	362.66			N/A
3/22/2019	GBPHUF	9:30:00 AM	362.38	362.79			N/A
3/22/2019	GBPHUF	11:30:00 AM					N/A
3/22/2019	GBPHUF	1:30:00 PM	366.85	367.25			N/A

3/22/2019	GBPHUF	3:30:00 PM	368.26	368.56			N/A
3/25/2019	GBPHUF	9:30:00 AM	368.43	368.85			N/A
3/25/2019	GBPHUF	11:30:00 AM	368.58	369			N/A
3/25/2019	GBPHUF	1:30:00 PM	369	369.37			N/A
3/25/2019	GBPHUF	3:30:00 PM	370.26	370.64			N/A
3/26/2019	GBPHUF	9:30:00 AM	368.94	369.15			N/A
3/26/2019	GBPHUF	11:30:00 AM					N/A
3/26/2019	GBPHUF	1:30:00 PM	369.13	369.47			N/A
3/26/2019	GBPHUF	3:30:00 PM	369.97	370.22			N/A
3/27/2019	GBPHUF	9:30:00 AM	373.37	373.67			N/A
3/27/2019	GBPHUF	11:30:00 AM	373.94	374.38			N/A
3/27/2019	GBPHUF	1:30:00 PM	374.98	375.3			N/A
3/27/2019	GBPHUF	3:30:00 PM	375.49	375.88			N/A
3/28/2019	GBPHUF	9:30:00 AM	374.16	374.43			N/A
3/28/2019	GBPHUF	11:30:00 AM					N/A
3/28/2019	GBPHUF	1:30:00 PM	373.82	373.91			N/A
3/28/2019	GBPHUF	3:30:00 PM	373.19	373.55			N/A
3/29/2019	GBPHUF	9:30:00 AM	372.4	372.75			N/A
3/29/2019	GBPHUF	11:30:00 AM	371.98	371.92			N/A
3/29/2019	GBPHUF	1:30:00 PM	373.88	374.12			N/A
3/29/2019	GBPHUF	3:30:00 PM	373.53	373.93			N/A
1/1/2019	GBPJPY	9:30:00 AM					N/A
1/1/2019	GBPJPY	11:30:00 AM					N/A
1/1/2019	GBPJPY	1:30:00 PM					N/A
1/1/2019	GBPJPY	3:30:00 PM					N/A
1/2/2019	GBPJPY	9:30:00 AM					N/A
1/2/2019	GBPJPY	11:30:00 AM					N/A
1/2/2019	GBPJPY	1:30:00 PM					N/A
1/2/2019	GBPJPY	3:30:00 PM					N/A
1/3/2019	GBPJPY	9:30:00 AM					N/A
1/3/2019	GBPJPY	11:30:00 AM					N/A
1/3/2019	GBPJPY	1:30:00 PM					N/A
1/3/2019	GBPJPY	3:30:00 PM					N/A
1/4/2019	GBPJPY	9:30:00 AM					N/A
1/4/2019	GBPJPY	11:30:00 AM					N/A
1/4/2019	GBPJPY	1:30:00 PM					N/A
1/4/2019	GBPJPY	3:30:00 PM					N/A
1/7/2019	GBPJPY	9:30:00 AM	137.907	137.931			N/A
1/7/2019	GBPJPY	11:30:00 AM					N/A
1/7/2019	GBPJPY	1:30:00 PM	137.975	138.014			N/A
1/7/2019	GBPJPY	3:30:00 PM	138.203	138.24			N/A
1/8/2019	GBPJPY	9:30:00 AM	139.29	139.251			N/A
1/8/2019	GBPJPY	11:30:00 AM	139.095	139.121			N/A
1/8/2019	GBPJPY	1:30:00 PM	138.643	138.677			N/A
1/8/2019	GBPJPY	3:30:00 PM	138.611	138.644			N/A
1/9/2019	GBPJPY	9:30:00 AM	138.872	138.875			N/A
1/9/2019	GBPJPY	11:30:00 AM					N/A
1/9/2019	GBPJPY	1:30:00 PM	138.542	138.547			N/A
1/9/2019	GBPJPY	3:30:00 PM	138.575	138.577			N/A
1/10/2019	GBPJPY	9:30:00 AM	137.804	137.786			N/A

1/10/2019	GBPJPY	11:30:00 AM	137.97	137.983			N/A
1/10/2019	GBPJPY	1:30:00 PM	137.639	137.629			N/A
1/10/2019	GBPJPY	3:30:00 PM	138.001	138.009			N/A
1/11/2019	GBPJPY	9:30:00 AM	138.235	138.264			N/A
1/11/2019	GBPJPY	11:30:00 AM					N/A
1/11/2019	GBPJPY	1:30:00 PM	138.553	138.546			N/A
1/11/2019	GBPJPY	3:30:00 PM	138.857	138.828			N/A
1/14/2019	GBPJPY	9:30:00 AM	138.794	138.828			N/A
1/14/2019	GBPJPY	11:30:00 AM	138.749	138.72			N/A
1/14/2019	GBPJPY	1:30:00 PM	138.838	138.823			N/A
1/14/2019	GBPJPY	3:30:00 PM	138.936	138.979			N/A
1/15/2019	GBPJPY	9:30:00 AM	140.063	140.037			N/A
1/15/2019	GBPJPY	11:30:00 AM					N/A
1/15/2019	GBPJPY	1:30:00 PM	139.44	139.447			N/A
1/15/2019	GBPJPY	3:30:00 PM	139.417	139.364			N/A
1/16/2019	GBPJPY	9:30:00 AM	139.63	139.625			N/A
1/16/2019	GBPJPY	11:30:00 AM	139.982	139.91			N/A
1/16/2019	GBPJPY	1:30:00 PM	139.927	139.943			N/A
1/16/2019	GBPJPY	3:30:00 PM	139.832	139.819			N/A
1/17/2019	GBPJPY	9:30:00 AM	140.026	140.015			N/A
1/17/2019	GBPJPY	11:30:00 AM					N/A
1/17/2019	GBPJPY	1:30:00 PM	140.392	140.259			N/A
1/17/2019	GBPJPY	3:30:00 PM	140.4	140.352			N/A
1/18/2019	GBPJPY	9:30:00 AM	141.864	141.877			N/A
1/18/2019	GBPJPY	11:30:00 AM	141.817	141.717			N/A
1/18/2019	GBPJPY	1:30:00 PM	141.745	141.708			N/A
1/18/2019	GBPJPY	3:30:00 PM	141.55	141.561			N/A
1/21/2019	GBPJPY	9:30:00 AM	141.029	141.07			N/A
1/21/2019	GBPJPY	11:30:00 AM					N/A
1/21/2019	GBPJPY	1:30:00 PM	141.045	141.067			N/A
1/21/2019	GBPJPY	3:30:00 PM	141.121	141.161			N/A
1/22/2019	GBPJPY	9:30:00 AM	140.717	140.742			N/A
1/22/2019	GBPJPY	11:30:00 AM	141.216	141.2			N/A
1/22/2019	GBPJPY	1:30:00 PM	141.235	141.266			N/A
1/22/2019	GBPJPY	3:30:00 PM	141.259	141.287			N/A
1/23/2019	GBPJPY	9:30:00 AM	142.121	142.144			N/A
1/23/2019	GBPJPY	11:30:00 AM					N/A
1/23/2019	GBPJPY	1:30:00 PM	142.823	142.799			N/A
1/23/2019	GBPJPY	3:30:00 PM	143.038	143.044			N/A
1/24/2019	GBPJPY	9:30:00 AM	143.205	143.239			N/A
1/24/2019	GBPJPY	11:30:00 AM	143.062	143.071			N/A
1/24/2019	GBPJPY	1:30:00 PM	142.945	142.934			N/A
1/24/2019	GBPJPY	3:30:00 PM	143.073	143.034			N/A
1/25/2019	GBPJPY	9:30:00 AM	143.951	143.974			N/A
1/25/2019	GBPJPY	11:30:00 AM					N/A
1/25/2019	GBPJPY	1:30:00 PM	143.723	143.744			N/A
1/25/2019	GBPJPY	3:30:00 PM	143.814	143.842			N/A
1/28/2019	GBPJPY	9:30:00 AM	144.086	144.089			N/A
1/28/2019	GBPJPY	11:30:00 AM	143.846	143.877			N/A
1/28/2019	GBPJPY	1:30:00 PM	144.165	144.193			N/A

1/28/2019	GBPJPY	3:30:00 PM	143.898	143.947			N/A
1/29/2019	GBPJPY	9:30:00 AM	143.698	143.712			N/A
1/29/2019	GBPJPY	11:30:00 AM					N/A
1/29/2019	GBPJPY	1:30:00 PM	143.913	143.893			N/A
1/29/2019	GBPJPY	3:30:00 PM	144.172	144.171			N/A
1/30/2019	GBPJPY	9:30:00 AM	142.98	142.994			N/A
1/30/2019	GBPJPY	11:30:00 AM	143.322	143.358			N/A
1/30/2019	GBPJPY	1:30:00 PM	143.343	143.316			N/A
1/30/2019	GBPJPY	3:30:00 PM	143.203	143.232			N/A
1/31/2019	GBPJPY	9:30:00 AM	142.975	142.958			N/A
1/31/2019	GBPJPY	11:30:00 AM					N/A
1/31/2019	GBPJPY	1:30:00 PM	142.662	142.686			N/A
1/31/2019	GBPJPY	3:30:00 PM	142.429	142.44			N/A
2/1/2019	GBPJPY	9:30:00 AM	142.787	142.82			N/A
2/1/2019	GBPJPY	11:30:00 AM	142.58	142.572			N/A
2/1/2019	GBPJPY	1:30:00 PM	142.247	142.289			N/A
2/1/2019	GBPJPY	3:30:00 PM	142.346	142.281			N/A
2/4/2019	GBPJPY	9:30:00 AM	143.536	143.547			N/A
2/4/2019	GBPJPY	11:30:00 AM					N/A
2/4/2019	GBPJPY	1:30:00 PM	143.405	143.443			N/A
2/4/2019	GBPJPY	3:30:00 PM	143.538	143.549			N/A
2/5/2019	GBPJPY	9:30:00 AM	143.293	143.315			N/A
2/5/2019	GBPJPY	11:30:00 AM	143.515	143.258			N/A
2/5/2019	GBPJPY	1:30:00 PM	143.005	143.037			N/A
2/5/2019	GBPJPY	3:30:00 PM	142.883	142.889			N/A
2/6/2019	GBPJPY	9:30:00 AM	141.844	141.845			N/A
2/6/2019	GBPJPY	11:30:00 AM					N/A
2/6/2019	GBPJPY	1:30:00 PM	142.189	142.2			N/A
2/6/2019	GBPJPY	3:30:00 PM	142.279	142.278			N/A
2/7/2019	GBPJPY	9:30:00 AM	142.185	142.205			N/A
2/7/2019	GBPJPY	11:30:00 AM	141.887	141.923			N/A
2/7/2019	GBPJPY	1:30:00 PM	141.684	141.712			N/A
2/7/2019	GBPJPY	3:30:00 PM	141.893	141.869			N/A
2/8/2019	GBPJPY	9:30:00 AM	142.075	142.065			N/A
2/8/2019	GBPJPY	11:30:00 AM					N/A
2/8/2019	GBPJPY	1:30:00 PM	142.374	142.419			N/A
2/8/2019	GBPJPY	3:30:00 PM	142.422	142.43			N/A
2/11/2019	GBPJPY	9:30:00 AM	142.231	142.252			N/A
2/11/2019	GBPJPY	11:30:00 AM	142.349	142.192			N/A
2/11/2019	GBPJPY	1:30:00 PM	142.378	142.39			N/A
2/11/2019	GBPJPY	3:30:00 PM	142.254	142.262			N/A
2/12/2019	GBPJPY	9:30:00 AM	142.26	142.284			N/A
2/12/2019	GBPJPY	11:30:00 AM					N/A
2/12/2019	GBPJPY	1:30:00 PM	142.066	142.063			N/A
2/12/2019	GBPJPY	3:30:00 PM	142.174	142.198			N/A
2/13/2019	GBPJPY	9:30:00 AM	142.901	142.904			N/A
2/13/2019	GBPJPY	11:30:00 AM	142.703	142.676			N/A
2/13/2019	GBPJPY	1:30:00 PM	142.608	142.642			N/A
2/13/2019	GBPJPY	3:30:00 PM	142.99	142.968			N/A
2/14/2019	GBPJPY	9:30:00 AM	142.967	142.988			N/A

2/14/2019	GBPJPY	11:30:00 AM					N/A
2/14/2019	GBPJPY	1:30:00 PM	142.459	142.49			N/A
2/14/2019	GBPJPY	3:30:00 PM	142.171	142.152			N/A
2/15/2019	GBPJPY	9:30:00 AM					N/A
2/15/2019	GBPJPY	11:30:00 AM					N/A
2/15/2019	GBPJPY	1:30:00 PM					N/A
2/15/2019	GBPJPY	3:30:00 PM					N/A
2/18/2019	GBPJPY	9:30:00 AM	142.718	142.739			N/A
2/18/2019	GBPJPY	11:30:00 AM					N/A
2/18/2019	GBPJPY	1:30:00 PM	142.923	142.947			N/A
2/18/2019	GBPJPY	3:30:00 PM	142.856	142.866			N/A
2/19/2019	GBPJPY	9:30:00 AM	142.896	142.911			N/A
2/19/2019	GBPJPY	11:30:00 AM	143.072	143.034			N/A
2/19/2019	GBPJPY	1:30:00 PM	143.004	143.052			N/A
2/19/2019	GBPJPY	3:30:00 PM	143.358	143.374			N/A
2/20/2019	GBPJPY	9:30:00 AM	144.684	144.698			N/A
2/20/2019	GBPJPY	11:30:00 AM					N/A
2/20/2019	GBPJPY	1:30:00 PM	144.34	144.331			N/A
2/20/2019	GBPJPY	3:30:00 PM	144.366	144.359			N/A
2/21/2019	GBPJPY	9:30:00 AM	144.379	144.38			N/A
2/21/2019	GBPJPY	11:30:00 AM	144.694	144.67			N/A
2/21/2019	GBPJPY	1:30:00 PM	144.382	144.373			N/A
2/21/2019	GBPJPY	3:30:00 PM	144.754	144.716			N/A
2/22/2019	GBPJPY	9:30:00 AM	144.432	144.451			N/A
2/22/2019	GBPJPY	11:30:00 AM					N/A
2/22/2019	GBPJPY	1:30:00 PM	144.301	144.293			N/A
2/22/2019	GBPJPY	3:30:00 PM	143.902	143.94			N/A
2/25/2019	GBPJPY	9:30:00 AM	144.578	144.602			N/A
2/25/2019	GBPJPY	11:30:00 AM	144.752	144.762			N/A
2/25/2019	GBPJPY	1:30:00 PM	144.784	144.8			N/A
2/25/2019	GBPJPY	3:30:00 PM	144.818	144.835			N/A
2/26/2019	GBPJPY	9:30:00 AM	145.605	145.603			N/A
2/26/2019	GBPJPY	11:30:00 AM					N/A
2/26/2019	GBPJPY	1:30:00 PM	146.269	146.283			N/A
2/26/2019	GBPJPY	3:30:00 PM	146.153	146.129			N/A
2/27/2019	GBPJPY	9:30:00 AM	146.294	146.319			N/A
2/27/2019	GBPJPY	11:30:00 AM	146.548	146.58			N/A
2/27/2019	GBPJPY	1:30:00 PM	147.091	147.106			N/A
2/27/2019	GBPJPY	3:30:00 PM	147.299	147.331			N/A
2/28/2019	GBPJPY	9:30:00 AM	147.272	147.257			N/A
2/28/2019	GBPJPY	11:30:00 AM					N/A
2/28/2019	GBPJPY	1:30:00 PM	147.478	147.506			N/A
2/28/2019	GBPJPY	3:30:00 PM	147.525	147.381			N/A
3/1/2019	GBPJPY	9:30:00 AM	148.126	148.165			N/A
3/1/2019	GBPJPY	11:30:00 AM	148.263	148.223			N/A
3/1/2019	GBPJPY	1:30:00 PM	148.141	148.163			N/A
3/1/2019	GBPJPY	3:30:00 PM	148.063	148.082			N/A
3/4/2019	GBPJPY	9:30:00 AM	148.228	148.26			N/A
3/4/2019	GBPJPY	11:30:00 AM					N/A
3/4/2019	GBPJPY	1:30:00 PM	147.659	147.651			N/A

3/4/2019	GBPJPY	3:30:00 PM	147.913	147.931			N/A
3/5/2019	GBPJPY	9:30:00 AM	147.204	147.245			N/A
3/5/2019	GBPJPY	11:30:00 AM	147.678	147.594			N/A
3/5/2019	GBPJPY	1:30:00 PM	147.276	147.305			N/A
3/5/2019	GBPJPY	3:30:00 PM	146.626	146.644			N/A
3/6/2019	GBPJPY	9:30:00 AM	146.773	146.78			N/A
3/6/2019	GBPJPY	11:30:00 AM					N/A
3/6/2019	GBPJPY	1:30:00 PM	147.055	147.065			N/A
3/6/2019	GBPJPY	3:30:00 PM	146.98	146.957			N/A
3/7/2019	GBPJPY	9:30:00 AM	147.173	147.198			N/A
3/7/2019	GBPJPY	11:30:00 AM	147.1	147.073	100	100	N/A
3/7/2019	GBPJPY	1:30:00 PM	146.771	146.81			N/A
3/7/2019	GBPJPY	3:30:00 PM	146.718	146.739			N/A
3/8/2019	GBPJPY	9:30:00 AM	145.217	145.25			N/A
3/8/2019	GBPJPY	11:30:00 AM					N/A
3/8/2019	GBPJPY	1:30:00 PM	145.441	145.466			N/A
3/8/2019	GBPJPY	3:30:00 PM	145.248	144.968	1000	1000	N/A
3/11/2019	GBPJPY	9:30:00 AM	144.524	144.525			N/A
3/11/2019	GBPJPY	11:30:00 AM	144.237	144.247			N/A
3/11/2019	GBPJPY	1:30:00 PM	144.672	144.681			N/A
3/11/2019	GBPJPY	3:30:00 PM	144.974	144.99			N/A
3/12/2019	GBPJPY	9:30:00 AM	147.228	147.088			N/A
3/12/2019	GBPJPY	11:30:00 AM					N/A
3/12/2019	GBPJPY	1:30:00 PM	144.741	144.692			N/A
3/12/2019	GBPJPY	3:30:00 PM	145.709	145.563			N/A
3/13/2019	GBPJPY	9:30:00 AM	145.955	145.919			N/A
3/13/2019	GBPJPY	11:30:00 AM	146.233	146.228			N/A
3/13/2019	GBPJPY	1:30:00 PM	146.515	146.517			N/A
3/13/2019	GBPJPY	3:30:00 PM	146.686	146.682			N/A
3/14/2019	GBPJPY	9:30:00 AM	148.221	148.155			N/A
3/14/2019	GBPJPY	11:30:00 AM					N/A
3/14/2019	GBPJPY	1:30:00 PM	147.538	147.516	1000	1000	N/A
3/14/2019	GBPJPY	3:30:00 PM	147.993	148.021			N/A
3/15/2019	GBPJPY	9:30:00 AM	147.969	148.009			N/A
3/15/2019	GBPJPY	11:30:00 AM	147.834	147.851			N/A
3/15/2019	GBPJPY	1:30:00 PM	148.113	148.142			N/A
3/15/2019	GBPJPY	3:30:00 PM	147.86	147.833			N/A
3/18/2019	GBPJPY	9:30:00 AM	148.159	148.194			N/A
3/18/2019	GBPJPY	11:30:00 AM					N/A
3/18/2019	GBPJPY	1:30:00 PM	147.917	147.92			N/A
3/18/2019	GBPJPY	3:30:00 PM	147.687	147.719			N/A
3/19/2019	GBPJPY	9:30:00 AM	147.623	147.666			N/A
3/19/2019	GBPJPY	11:30:00 AM	147.664	147.687			N/A
3/19/2019	GBPJPY	1:30:00 PM	147.827	147.805			N/A
3/19/2019	GBPJPY	3:30:00 PM	147.828	147.784			N/A
3/20/2019	GBPJPY	9:30:00 AM	147.826	147.862			N/A
3/20/2019	GBPJPY	11:30:00 AM					N/A
3/20/2019	GBPJPY	1:30:00 PM	147.514	147.48			N/A
3/20/2019	GBPJPY	3:30:00 PM	146.955	146.865			N/A
3/21/2019	GBPJPY	9:30:00 AM	145.909	145.853			N/A

3/21/2019	GBPJPY	11:30:00 AM	145.424	145.375			N/A
3/21/2019	GBPJPY	1:30:00 PM	144.977	144.941			N/A
3/21/2019	GBPJPY	3:30:00 PM	145.306	145.271			N/A
3/22/2019	GBPJPY	9:30:00 AM	145.49	145.508			N/A
3/22/2019	GBPJPY	11:30:00 AM					N/A
3/22/2019	GBPJPY	1:30:00 PM	145.201	145.205			N/A
3/22/2019	GBPJPY	3:30:00 PM	145.232	145.154			N/A
3/25/2019	GBPJPY	9:30:00 AM	144.971	144.923			N/A
3/25/2019	GBPJPY	11:30:00 AM	145.346	145.368			N/A
3/25/2019	GBPJPY	1:30:00 PM	145.1	145.106			N/A
3/25/2019	GBPJPY	3:30:00 PM	145.648	145.621			N/A
3/26/2019	GBPJPY	9:30:00 AM	145.548	145.492			N/A
3/26/2019	GBPJPY	11:30:00 AM					N/A
3/26/2019	GBPJPY	1:30:00 PM	146.133	146.125			N/A
3/26/2019	GBPJPY	3:30:00 PM	146.173	146.194			N/A
3/27/2019	GBPJPY	9:30:00 AM	145.645	145.615			N/A
3/27/2019	GBPJPY	11:30:00 AM	146.018	146.05			N/A
3/27/2019	GBPJPY	1:30:00 PM	145.773	145.782			N/A
3/27/2019	GBPJPY	3:30:00 PM	146.231	146.184			N/A
3/28/2019	GBPJPY	9:30:00 AM	145.229	145.194			N/A
3/28/2019	GBPJPY	11:30:00 AM					N/A
3/28/2019	GBPJPY	1:30:00 PM	144.641	144.586			N/A
3/28/2019	GBPJPY	3:30:00 PM	145.069	145.087			N/A
3/29/2019	GBPJPY	9:30:00 AM	144.676	144.664			N/A
3/29/2019	GBPJPY	11:30:00 AM	144.372	144.342			N/A
3/29/2019	GBPJPY	1:30:00 PM	145.043	145.011			N/A
3/29/2019	GBPJPY	3:30:00 PM	144.993	144.98			N/A
1/1/2019	GBPMXN	9:30:00 AM					N/A
1/1/2019	GBPMXN	11:30:00 AM					N/A
1/1/2019	GBPMXN	1:30:00 PM					N/A
1/1/2019	GBPMXN	3:30:00 PM					N/A
1/2/2019	GBPMXN	9:30:00 AM					N/A
1/2/2019	GBPMXN	11:30:00 AM					N/A
1/2/2019	GBPMXN	1:30:00 PM					N/A
1/2/2019	GBPMXN	3:30:00 PM					N/A
1/3/2019	GBPMXN	9:30:00 AM					N/A
1/3/2019	GBPMXN	11:30:00 AM					N/A
1/3/2019	GBPMXN	1:30:00 PM					N/A
1/3/2019	GBPMXN	3:30:00 PM					N/A
1/4/2019	GBPMXN	9:30:00 AM					N/A
1/4/2019	GBPMXN	11:30:00 AM					N/A
1/4/2019	GBPMXN	1:30:00 PM					N/A
1/4/2019	GBPMXN	3:30:00 PM					N/A
1/7/2019	GBPMXN	9:30:00 AM	24.7361	24.7418			N/A
1/7/2019	GBPMXN	11:30:00 AM					N/A
1/7/2019	GBPMXN	1:30:00 PM	24.7691	24.7757			N/A
1/7/2019	GBPMXN	3:30:00 PM	24.6519	24.6636			N/A
1/8/2019	GBPMXN	9:30:00 AM	24.807	24.807			N/A
1/8/2019	GBPMXN	11:30:00 AM	24.6925	24.7035			N/A
1/8/2019	GBPMXN	1:30:00 PM	24.7348	24.7408			N/A

1/8/2019	GBPMXN	3:30:00 PM	24.6671	24.6688			N/A
1/9/2019	GBPMXN	9:30:00 AM	24.5871	24.5985			N/A
1/9/2019	GBPMXN	11:30:00 AM					N/A
1/9/2019	GBPMXN	1:30:00 PM	24.6359	24.648			N/A
1/9/2019	GBPMXN	3:30:00 PM	24.5676	24.5649			N/A
1/10/2019	GBPMXN	9:30:00 AM	24.5585	24.5702			N/A
1/10/2019	GBPMXN	11:30:00 AM	24.5711	24.5816			N/A
1/10/2019	GBPMXN	1:30:00 PM	24.496	24.5076			N/A
1/10/2019	GBPMXN	3:30:00 PM	24.4608	24.4658			N/A
1/11/2019	GBPMXN	9:30:00 AM	24.3426	24.3573			N/A
1/11/2019	GBPMXN	11:30:00 AM					N/A
1/11/2019	GBPMXN	1:30:00 PM	24.4079	24.4161			N/A
1/11/2019	GBPMXN	3:30:00 PM	24.4972	24.5002			N/A
1/14/2019	GBPMXN	9:30:00 AM	24.6138	24.6234			N/A
1/14/2019	GBPMXN	11:30:00 AM	24.5652	24.5741			N/A
1/14/2019	GBPMXN	1:30:00 PM	24.6261	24.6317			N/A
1/14/2019	GBPMXN	3:30:00 PM	24.5939	24.6094			N/A
1/15/2019	GBPMXN	9:30:00 AM	24.4498	24.4596			N/A
1/15/2019	GBPMXN	11:30:00 AM					N/A
1/15/2019	GBPMXN	1:30:00 PM	24.3855	24.3896			N/A
1/15/2019	GBPMXN	3:30:00 PM	24.4061	24.4094			N/A
1/16/2019	GBPMXN	9:30:00 AM	24.3855	24.3902			N/A
1/16/2019	GBPMXN	11:30:00 AM	24.4866	24.4852			N/A
1/16/2019	GBPMXN	1:30:00 PM	24.446	24.4559			N/A
1/16/2019	GBPMXN	3:30:00 PM	24.4253	24.4312			N/A
1/17/2019	GBPMXN	9:30:00 AM	24.3565	24.3663			N/A
1/17/2019	GBPMXN	11:30:00 AM					N/A
1/17/2019	GBPMXN	1:30:00 PM	24.42	24.3852			N/A
1/17/2019	GBPMXN	3:30:00 PM	24.523	24.5225			N/A
1/18/2019	GBPMXN	9:30:00 AM	24.6131	24.6248			N/A
1/18/2019	GBPMXN	11:30:00 AM	24.6737	24.6532			N/A
1/18/2019	GBPMXN	1:30:00 PM	24.6968	24.6887			N/A
1/18/2019	GBPMXN	3:30:00 PM	24.5893	24.5948			N/A
1/21/2019	GBPMXN	9:30:00 AM	24.6293	24.6439			N/A
1/21/2019	GBPMXN	11:30:00 AM					N/A
1/21/2019	GBPMXN	1:30:00 PM	24.6397	24.6507			N/A
1/21/2019	GBPMXN	3:30:00 PM	24.6458	24.656			N/A
1/22/2019	GBPMXN	9:30:00 AM	24.7196	24.7244			N/A
1/22/2019	GBPMXN	11:30:00 AM	24.7978	24.8032			N/A
1/22/2019	GBPMXN	1:30:00 PM	24.8079	24.8184			N/A
1/22/2019	GBPMXN	3:30:00 PM	24.7315	24.7312			N/A
1/23/2019	GBPMXN	9:30:00 AM	24.8015	24.815			N/A
1/23/2019	GBPMXN	11:30:00 AM					N/A
1/23/2019	GBPMXN	1:30:00 PM	24.8798	24.8885			N/A
1/23/2019	GBPMXN	3:30:00 PM	24.9314	24.9364			N/A
1/24/2019	GBPMXN	9:30:00 AM	24.8895	24.9039			N/A
1/24/2019	GBPMXN	11:30:00 AM	24.8609	24.8741			N/A
1/24/2019	GBPMXN	1:30:00 PM	24.7981	24.8045			N/A
1/24/2019	GBPMXN	3:30:00 PM	24.8394	24.8387			N/A
1/25/2019	GBPMXN	9:30:00 AM	24.8656	24.8782			N/A

1/25/2019	GBPMXN	11:30:00 AM					N/A
1/25/2019	GBPMXN	1:30:00 PM	24.8192	24.8314			N/A
1/25/2019	GBPMXN	3:30:00 PM	24.742	24.7563			N/A
1/28/2019	GBPMXN	9:30:00 AM	25.0392	25.0451			N/A
1/28/2019	GBPMXN	11:30:00 AM	25.0466	25.0582			N/A
1/28/2019	GBPMXN	1:30:00 PM	25.0713	25.0783			N/A
1/28/2019	GBPMXN	3:30:00 PM	25.0209	25.0267			N/A
1/29/2019	GBPMXN	9:30:00 AM	25.0216	25.0312			N/A
1/29/2019	GBPMXN	11:30:00 AM					N/A
1/29/2019	GBPMXN	1:30:00 PM	25.0026	25.0099			N/A
1/29/2019	GBPMXN	3:30:00 PM	25.0099	25.0058			N/A
1/30/2019	GBPMXN	9:30:00 AM	24.9975	25.0031			N/A
1/30/2019	GBPMXN	11:30:00 AM	25.0013	25.0018			N/A
1/30/2019	GBPMXN	1:30:00 PM	25.0513	25.0576			N/A
1/30/2019	GBPMXN	3:30:00 PM	25.0007	25.012			N/A
1/31/2019	GBPMXN	9:30:00 AM	25.1307	25.1214			N/A
1/31/2019	GBPMXN	11:30:00 AM					N/A
1/31/2019	GBPMXN	1:30:00 PM	25.1309	25.1371			N/A
1/31/2019	GBPMXN	3:30:00 PM	24.9507	24.954			N/A
2/1/2019	GBPMXN	9:30:00 AM	25.1298	25.144			N/A
2/1/2019	GBPMXN	11:30:00 AM	25.0056	25.0102			N/A
2/1/2019	GBPMXN	1:30:00 PM	24.9514	24.9576			N/A
2/1/2019	GBPMXN	3:30:00 PM	24.9604	24.9603			N/A
2/4/2019	GBPMXN	9:30:00 AM	24.9937	25.0052			N/A
2/4/2019	GBPMXN	11:30:00 AM					N/A
2/4/2019	GBPMXN	1:30:00 PM	24.9862	24.9964			N/A
2/4/2019	GBPMXN	3:30:00 PM	25.0194	25.0273			N/A
2/5/2019	GBPMXN	9:30:00 AM	24.8443	24.8555			N/A
2/5/2019	GBPMXN	11:30:00 AM	24.8207	24.8			N/A
2/5/2019	GBPMXN	1:30:00 PM	24.7652	24.7789			N/A
2/5/2019	GBPMXN	3:30:00 PM	24.7527	24.7581			N/A
2/6/2019	GBPMXN	9:30:00 AM	24.6785	24.6825			N/A
2/6/2019	GBPMXN	11:30:00 AM					N/A
2/6/2019	GBPMXN	1:30:00 PM	24.7441	24.7552			N/A
2/6/2019	GBPMXN	3:30:00 PM	24.7907	24.8001			N/A
2/7/2019	GBPMXN	9:30:00 AM	24.7378	24.7472			N/A
2/7/2019	GBPMXN	11:30:00 AM	24.6806	24.6902			N/A
2/7/2019	GBPMXN	1:30:00 PM	24.7271	24.7371			N/A
2/7/2019	GBPMXN	3:30:00 PM	24.7453	24.7471			N/A
2/8/2019	GBPMXN	9:30:00 AM	24.7218	24.7326			N/A
2/8/2019	GBPMXN	11:30:00 AM					N/A
2/8/2019	GBPMXN	1:30:00 PM	24.707	24.7222			N/A
2/8/2019	GBPMXN	3:30:00 PM	24.694	24.6986			N/A
2/11/2019	GBPMXN	9:30:00 AM	24.6849	24.6985			N/A
2/11/2019	GBPMXN	11:30:00 AM	24.6931	24.6724			N/A
2/11/2019	GBPMXN	1:30:00 PM	24.6894	24.7019			N/A
2/11/2019	GBPMXN	3:30:00 PM	24.6282	24.6329			N/A
2/12/2019	GBPMXN	9:30:00 AM	24.7996	24.8108			N/A
2/12/2019	GBPMXN	11:30:00 AM					N/A
2/12/2019	GBPMXN	1:30:00 PM	24.7425	24.7522			N/A

2/12/2019	GBPMXN	3:30:00 PM	24.7562	24.7652			N/A
2/13/2019	GBPMXN	9:30:00 AM	24.8215	24.8289			N/A
2/13/2019	GBPMXN	11:30:00 AM	24.8055	24.809			N/A
2/13/2019	GBPMXN	1:30:00 PM	24.8744	24.8858			N/A
2/13/2019	GBPMXN	3:30:00 PM	24.9932	24.9885			N/A
2/14/2019	GBPMXN	9:30:00 AM	24.9261	24.9343			N/A
2/14/2019	GBPMXN	11:30:00 AM					N/A
2/14/2019	GBPMXN	1:30:00 PM	24.9085	24.9204			N/A
2/14/2019	GBPMXN	3:30:00 PM	24.8581	24.8685			N/A
2/15/2019	GBPMXN	9:30:00 AM					N/A
2/15/2019	GBPMXN	11:30:00 AM					N/A
2/15/2019	GBPMXN	1:30:00 PM					N/A
2/15/2019	GBPMXN	3:30:00 PM					N/A
2/18/2019	GBPMXN	9:30:00 AM	24.8221	24.8358			N/A
2/18/2019	GBPMXN	11:30:00 AM					N/A
2/18/2019	GBPMXN	1:30:00 PM	24.8431	24.8497			N/A
2/18/2019	GBPMXN	3:30:00 PM	24.8931	24.9003			N/A
2/19/2019	GBPMXN	9:30:00 AM	24.854	24.8677			N/A
2/19/2019	GBPMXN	11:30:00 AM	24.9054	24.9136			N/A
2/19/2019	GBPMXN	1:30:00 PM	24.8632	24.8699			N/A
2/19/2019	GBPMXN	3:30:00 PM	24.8556	24.8628			N/A
2/20/2019	GBPMXN	9:30:00 AM	24.9773	24.9903			N/A
2/20/2019	GBPMXN	11:30:00 AM					N/A
2/20/2019	GBPMXN	1:30:00 PM	24.9687	24.9792			N/A
2/20/2019	GBPMXN	3:30:00 PM	24.9858	24.9834			N/A
2/21/2019	GBPMXN	9:30:00 AM	25.0741	25.0888			N/A
2/21/2019	GBPMXN	11:30:00 AM	25.1303	25.1383			N/A
2/21/2019	GBPMXN	1:30:00 PM	25.032	25.0267			N/A
2/21/2019	GBPMXN	3:30:00 PM	25.1295	25.1409			N/A
2/22/2019	GBPMXN	9:30:00 AM	25.1101	25.1228			N/A
2/22/2019	GBPMXN	11:30:00 AM					N/A
2/22/2019	GBPMXN	1:30:00 PM	25.0389	25.0518			N/A
2/22/2019	GBPMXN	3:30:00 PM	24.9542	24.9591			N/A
2/25/2019	GBPMXN	9:30:00 AM	24.9578	24.9713			N/A
2/25/2019	GBPMXN	11:30:00 AM	24.9696	24.9829			N/A
2/25/2019	GBPMXN	1:30:00 PM	24.8975	24.9072			N/A
2/25/2019	GBPMXN	3:30:00 PM	24.9305	24.944			N/A
2/26/2019	GBPMXN	9:30:00 AM	25.1776	25.1881			N/A
2/26/2019	GBPMXN	11:30:00 AM					N/A
2/26/2019	GBPMXN	1:30:00 PM	25.2285	25.2405			N/A
2/26/2019	GBPMXN	3:30:00 PM	25.1971	25.2098			N/A
2/27/2019	GBPMXN	9:30:00 AM	25.4227	25.4336			N/A
2/27/2019	GBPMXN	11:30:00 AM	25.4235	25.434			N/A
2/27/2019	GBPMXN	1:30:00 PM	25.5251	25.5343			N/A
2/27/2019	GBPMXN	3:30:00 PM	25.4952	25.5022			N/A
2/28/2019	GBPMXN	9:30:00 AM	25.4956	25.5067			N/A
2/28/2019	GBPMXN	11:30:00 AM					N/A
2/28/2019	GBPMXN	1:30:00 PM	25.5152	25.5299			N/A
2/28/2019	GBPMXN	3:30:00 PM	25.4974	25.499			N/A
3/1/2019	GBPMXN	9:30:00 AM	25.5364	25.5509			N/A

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3/1/2019	GBPMXN	1:30:00 PM	25.4965	25.5069			N/A
3/1/2019	GBPMXN	3:30:00 PM	25.5659	25.5727			N/A
3/4/2019	GBPMXN	9:30:00 AM	25.537	25.5478			N/A
3/4/2019	GBPMXN	11:30:00 AM					N/A
3/4/2019	GBPMXN	1:30:00 PM	25.5504	25.558			N/A
3/4/2019	GBPMXN	3:30:00 PM	25.5509	25.5609			N/A
3/5/2019	GBPMXN	9:30:00 AM	25.3812	25.3865			N/A
3/5/2019	GBPMXN	11:30:00 AM	25.4304	25.4088			N/A
3/5/2019	GBPMXN	1:30:00 PM	25.3306	25.3431			N/A
3/5/2019	GBPMXN	3:30:00 PM	25.2618	25.2731			N/A
3/6/2019	GBPMXN	9:30:00 AM	25.3048	25.3108			N/A
3/6/2019	GBPMXN	11:30:00 AM					N/A
3/6/2019	GBPMXN	1:30:00 PM	25.315	25.3254			N/A
3/6/2019	GBPMXN	3:30:00 PM	25.3503	25.3604			N/A
3/7/2019	GBPMXN	9:30:00 AM	25.4788	25.4916			N/A
3/7/2019	GBPMXN	11:30:00 AM	25.4938	25.4911			N/A
3/7/2019	GBPMXN	1:30:00 PM	25.4789	25.4908			N/A
3/7/2019	GBPMXN	3:30:00 PM	25.4302	25.4286			N/A
3/8/2019	GBPMXN	9:30:00 AM	25.621	25.6286			N/A
3/8/2019	GBPMXN	11:30:00 AM					N/A
3/8/2019	GBPMXN	1:30:00 PM	25.5712	25.578			N/A
3/8/2019	GBPMXN	3:30:00 PM	25.5904	25.5996			N/A
3/11/2019	GBPMXN	9:30:00 AM	25.3279	25.3384			N/A
3/11/2019	GBPMXN	11:30:00 AM	25.2704	25.2853			N/A
3/11/2019	GBPMXN	1:30:00 PM	25.3403	25.35			N/A
3/11/2019	GBPMXN	3:30:00 PM	25.3214	25.3312			N/A
3/12/2019	GBPMXN	9:30:00 AM	25.6023	25.5859			N/A
3/12/2019	GBPMXN	11:30:00 AM					N/A
3/12/2019	GBPMXN	1:30:00 PM	25.2506	25.25			N/A
3/12/2019	GBPMXN	3:30:00 PM	25.2977	25.2778			N/A
3/13/2019	GBPMXN	9:30:00 AM	25.3645	25.3678			N/A
3/13/2019	GBPMXN	11:30:00 AM	25.3652	25.3731			N/A
3/13/2019	GBPMXN	1:30:00 PM	25.3901	25.3978			N/A
3/13/2019	GBPMXN	3:30:00 PM	25.4	25.4029			N/A
3/14/2019	GBPMXN	9:30:00 AM	25.6408	25.6383			N/A
3/14/2019	GBPMXN	11:30:00 AM					N/A
3/14/2019	GBPMXN	1:30:00 PM	25.51	25.5112			N/A
3/14/2019	GBPMXN	3:30:00 PM	25.6648	25.6718			N/A
3/15/2019	GBPMXN	9:30:00 AM	25.5663	25.5782			N/A
3/15/2019	GBPMXN	11:30:00 AM	25.5105	25.5236			N/A
3/15/2019	GBPMXN	1:30:00 PM	25.5165	25.5224			N/A
3/15/2019	GBPMXN	3:30:00 PM	25.4572	25.4549			N/A
3/18/2019	GBPMXN	9:30:00 AM	25.4838	25.4984			N/A
3/18/2019	GBPMXN	11:30:00 AM					N/A
3/18/2019	GBPMXN	1:30:00 PM	25.4199	25.4239			N/A
3/18/2019	GBPMXN	3:30:00 PM	25.361	25.3664			N/A
3/19/2019	GBPMXN	9:30:00 AM	25.2992	25.3147			N/A
3/19/2019	GBPMXN	11:30:00 AM	25.2517	25.2656			N/A
3/19/2019	GBPMXN	1:30:00 PM	25.2673	25.2713			N/A

3/19/2019	GBPMXN	3:30:00 PM	25.2093	25.2146			N/A
3/20/2019	GBPMXN	9:30:00 AM	25.1651	25.1766			N/A
3/20/2019	GBPMXN	11:30:00 AM					N/A
3/20/2019	GBPMXN	1:30:00 PM	25.1069	25.1148			N/A
3/20/2019	GBPMXN	3:30:00 PM	24.9566	24.9464			N/A
3/21/2019	GBPMXN	9:30:00 AM	24.8128	24.815			N/A
3/21/2019	GBPMXN	11:30:00 AM	24.752	24.7472			N/A
3/21/2019	GBPMXN	1:30:00 PM	24.6621	24.6697			N/A
3/21/2019	GBPMXN	3:30:00 PM	24.701	24.7078			N/A
3/22/2019	GBPMXN	9:30:00 AM	24.745	24.7559			N/A
3/22/2019	GBPMXN	11:30:00 AM					N/A
3/22/2019	GBPMXN	1:30:00 PM	24.9649	24.9686			N/A
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3/25/2019	GBPMXN	9:30:00 AM	25.2064	25.2098			N/A
3/25/2019	GBPMXN	11:30:00 AM	25.1739	25.1828			N/A
3/25/2019	GBPMXN	1:30:00 PM	25.1885	25.1892			N/A
3/25/2019	GBPMXN	3:30:00 PM	25.2681	25.2744			N/A
3/26/2019	GBPMXN	9:30:00 AM	25.1397	25.1368			N/A
3/26/2019	GBPMXN	11:30:00 AM					N/A
3/26/2019	GBPMXN	1:30:00 PM	25.1454	25.1519			N/A
3/26/2019	GBPMXN	3:30:00 PM	25.1826	25.185			N/A
3/27/2019	GBPMXN	9:30:00 AM	25.2074	25.2143			N/A
3/27/2019	GBPMXN	11:30:00 AM	25.2892	25.3021			N/A
3/27/2019	GBPMXN	1:30:00 PM	25.4794	25.4713			N/A
3/27/2019	GBPMXN	3:30:00 PM	25.4748	25.4845			N/A
3/28/2019	GBPMXN	9:30:00 AM	25.5198	25.5216			N/A
3/28/2019	GBPMXN	11:30:00 AM					N/A
3/28/2019	GBPMXN	1:30:00 PM	25.4739	25.4758			N/A
3/28/2019	GBPMXN	3:30:00 PM	25.4188	25.4237			N/A
3/29/2019	GBPMXN	9:30:00 AM	25.2797	25.2859			N/A
3/29/2019	GBPMXN	11:30:00 AM	25.1718	25.1623			N/A
3/29/2019	GBPMXN	1:30:00 PM	25.2516	25.252			N/A
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1/1/2019	GBPNOK	11:30:00 AM					N/A
1/1/2019	GBPNOK	1:30:00 PM					N/A
1/1/2019	GBPNOK	3:30:00 PM					N/A
1/2/2019	GBPNOK	9:30:00 AM					N/A
1/2/2019	GBPNOK	11:30:00 AM					N/A
1/2/2019	GBPNOK	1:30:00 PM					N/A
1/2/2019	GBPNOK	3:30:00 PM					N/A
1/3/2019	GBPNOK	9:30:00 AM					N/A
1/3/2019	GBPNOK	11:30:00 AM					N/A
1/3/2019	GBPNOK	1:30:00 PM					N/A
1/3/2019	GBPNOK	3:30:00 PM					N/A
1/4/2019	GBPNOK	9:30:00 AM					N/A
1/4/2019	GBPNOK	11:30:00 AM					N/A
1/4/2019	GBPNOK	1:30:00 PM					N/A
1/4/2019	GBPNOK	3:30:00 PM					N/A
1/7/2019	GBPNOK	9:30:00 AM	10.9471	10.9569			N/A

1/7/2019	GBPNOK	11:30:00 AM					N/A
1/7/2019	GBPNOK	1:30:00 PM	10.9289	10.9364			N/A
1/7/2019	GBPNOK	3:30:00 PM	10.9225	10.9331			N/A
1/8/2019	GBPNOK	9:30:00 AM	10.9159	10.9258			N/A
1/8/2019	GBPNOK	11:30:00 AM	10.9084	10.9172			N/A
1/8/2019	GBPNOK	1:30:00 PM	10.8833	10.8931			N/A
1/8/2019	GBPNOK	3:30:00 PM	10.8805	10.891			N/A
1/9/2019	GBPNOK	9:30:00 AM	10.8659	10.874			N/A
1/9/2019	GBPNOK	11:30:00 AM					N/A
1/9/2019	GBPNOK	1:30:00 PM	10.8651	10.8695			N/A
1/9/2019	GBPNOK	3:30:00 PM	10.8521	10.8613			N/A
1/10/2019	GBPNOK	9:30:00 AM	10.8112	10.8202			N/A
1/10/2019	GBPNOK	11:30:00 AM	10.8123	10.8228			N/A
1/10/2019	GBPNOK	1:30:00 PM	10.7817	10.7925			N/A
1/10/2019	GBPNOK	3:30:00 PM	10.7825	10.7925			N/A
1/11/2019	GBPNOK	9:30:00 AM	10.7868	10.7978			N/A
1/11/2019	GBPNOK	11:30:00 AM					N/A
1/11/2019	GBPNOK	1:30:00 PM	10.8186	10.8275			N/A
1/11/2019	GBPNOK	3:30:00 PM	10.8421	10.8495			N/A
1/14/2019	GBPNOK	9:30:00 AM	10.9822	10.9916			N/A
1/14/2019	GBPNOK	11:30:00 AM	10.9601	10.9694			N/A
1/14/2019	GBPNOK	1:30:00 PM	10.977	10.9836			N/A
1/14/2019	GBPNOK	3:30:00 PM	10.9691	10.9802			N/A
1/15/2019	GBPNOK	9:30:00 AM	10.9916	10.999			N/A
1/15/2019	GBPNOK	11:30:00 AM					N/A
1/15/2019	GBPNOK	1:30:00 PM	10.9716	10.9821			N/A
1/15/2019	GBPNOK	3:30:00 PM	10.9696	10.9759			N/A
1/16/2019	GBPNOK	9:30:00 AM	10.9752	10.9808			N/A
1/16/2019	GBPNOK	11:30:00 AM	10.9868	10.9921			N/A
1/16/2019	GBPNOK	1:30:00 PM	10.9833	10.9925			N/A
1/16/2019	GBPNOK	3:30:00 PM	10.9893	10.999			N/A
1/17/2019	GBPNOK	9:30:00 AM	11.0187	11.0244			N/A
1/17/2019	GBPNOK	11:30:00 AM					N/A
1/17/2019	GBPNOK	1:30:00 PM	11.0439	11.0407			N/A
1/17/2019	GBPNOK	3:30:00 PM	11.0459	11.0525			N/A
1/18/2019	GBPNOK	9:30:00 AM	11.0645	11.0731			N/A
1/18/2019	GBPNOK	11:30:00 AM	11.0403	11.0431			N/A
1/18/2019	GBPNOK	1:30:00 PM	11.0403	11.0478			N/A
1/18/2019	GBPNOK	3:30:00 PM	11.0259	11.0332			N/A
1/21/2019	GBPNOK	9:30:00 AM	11.0048	11.0158			N/A
1/21/2019	GBPNOK	11:30:00 AM					N/A
1/21/2019	GBPNOK	1:30:00 PM	11.0162	11.0264			N/A
1/21/2019	GBPNOK	3:30:00 PM	11.0355	11.0463			N/A
1/22/2019	GBPNOK	9:30:00 AM	11.0514	11.0611			N/A
1/22/2019	GBPNOK	11:30:00 AM	11.0749	11.0832			N/A
1/22/2019	GBPNOK	1:30:00 PM	11.0925	11.1039			N/A
1/22/2019	GBPNOK	3:30:00 PM	11.099	11.1073			N/A
1/23/2019	GBPNOK	9:30:00 AM	11.1262	11.1353			N/A
1/23/2019	GBPNOK	11:30:00 AM					N/A
1/23/2019	GBPNOK	1:30:00 PM	11.1889	11.1971			N/A

1/23/2019	GBPNOK	3:30:00 PM	11.1846	11.1935			N/A
1/24/2019	GBPNOK	9:30:00 AM	11.19	11.2001			N/A
1/24/2019	GBPNOK	11:30:00 AM	11.168	11.1777			N/A
1/24/2019	GBPNOK	1:30:00 PM	11.1585	11.1686			N/A
1/24/2019	GBPNOK	3:30:00 PM	11.1882	11.1939			N/A
1/25/2019	GBPNOK	9:30:00 AM	11.2198	11.2289			N/A
1/25/2019	GBPNOK	11:30:00 AM					N/A
1/25/2019	GBPNOK	1:30:00 PM	11.1976	11.208			N/A
1/25/2019	GBPNOK	3:30:00 PM	11.1903	11.1989			N/A
1/28/2019	GBPNOK	9:30:00 AM	11.2089	11.2196			N/A
1/28/2019	GBPNOK	11:30:00 AM	11.2113	11.2201			N/A
1/28/2019	GBPNOK	1:30:00 PM	11.2173	11.2286			N/A
1/28/2019	GBPNOK	3:30:00 PM	11.2066	11.2184			N/A
1/29/2019	GBPNOK	9:30:00 AM	11.171	11.1778			N/A
1/29/2019	GBPNOK	11:30:00 AM					N/A
1/29/2019	GBPNOK	1:30:00 PM	11.1681	11.175			N/A
1/29/2019	GBPNOK	3:30:00 PM	11.186	11.193			N/A
1/30/2019	GBPNOK	9:30:00 AM	11.1088	11.1167			N/A
1/30/2019	GBPNOK	11:30:00 AM	11.1394	11.1494			N/A
1/30/2019	GBPNOK	1:30:00 PM	11.123	11.1292			N/A
1/30/2019	GBPNOK	3:30:00 PM	11.0911	11.1013			N/A
1/31/2019	GBPNOK	9:30:00 AM	11.0516	11.057			N/A
1/31/2019	GBPNOK	11:30:00 AM					N/A
1/31/2019	GBPNOK	1:30:00 PM	11.0393	11.0503			N/A
1/31/2019	GBPNOK	3:30:00 PM	11.0289	11.0342			N/A
2/1/2019	GBPNOK	9:30:00 AM	11.0694	11.0777			N/A
2/1/2019	GBPNOK	11:30:00 AM	11.0419	11.0484			N/A
2/1/2019	GBPNOK	1:30:00 PM	11.0062	11.0167			N/A
2/1/2019	GBPNOK	3:30:00 PM	11.004	11.0034			N/A
2/4/2019	GBPNOK	9:30:00 AM	11.04	11.0499			N/A
2/4/2019	GBPNOK	11:30:00 AM					N/A
2/4/2019	GBPNOK	1:30:00 PM	11.0471	11.0553			N/A
2/4/2019	GBPNOK	3:30:00 PM	11.0621	11.0704			N/A
2/5/2019	GBPNOK	9:30:00 AM	11.0357	11.0463			N/A
2/5/2019	GBPNOK	11:30:00 AM	11.0445	11.0346			N/A
2/5/2019	GBPNOK	1:30:00 PM	11.012	11.0221			N/A
2/5/2019	GBPNOK	3:30:00 PM	11.0115	11.0173			N/A
2/6/2019	GBPNOK	9:30:00 AM	10.9847	10.9936			N/A
2/6/2019	GBPNOK	11:30:00 AM					N/A
2/6/2019	GBPNOK	1:30:00 PM	11.0305	11.04			N/A
2/6/2019	GBPNOK	3:30:00 PM	11.0226	11.0321			N/A
2/7/2019	GBPNOK	9:30:00 AM	11.0591	11.0679			N/A
2/7/2019	GBPNOK	11:30:00 AM	11.0516	11.0618			N/A
2/7/2019	GBPNOK	1:30:00 PM	11.0709	11.0813			N/A
2/7/2019	GBPNOK	3:30:00 PM	11.0893	11.0967			N/A
2/8/2019	GBPNOK	9:30:00 AM	11.1285	11.1371			N/A
2/8/2019	GBPNOK	11:30:00 AM					N/A
2/8/2019	GBPNOK	1:30:00 PM	11.1565	11.1688			N/A
2/8/2019	GBPNOK	3:30:00 PM	11.1603	11.1639			N/A
2/11/2019	GBPNOK	9:30:00 AM	11.2295	11.2381			N/A

2/11/2019	GBPNOK	11:30:00 AM	11.2079	11.2066			N/A
2/11/2019	GBPNOK	1:30:00 PM	11.2062	11.2152			N/A
2/11/2019	GBPNOK	3:30:00 PM	11.1966	11.2036			N/A
2/12/2019	GBPNOK	9:30:00 AM	11.1866	11.1939			N/A
2/12/2019	GBPNOK	11:30:00 AM					N/A
2/12/2019	GBPNOK	1:30:00 PM	11.1635	11.1728			N/A
2/12/2019	GBPNOK	3:30:00 PM	11.1657	11.1755			N/A
2/13/2019	GBPNOK	9:30:00 AM	11.1369	11.146			N/A
2/13/2019	GBPNOK	11:30:00 AM	11.1131	11.1211			N/A
2/13/2019	GBPNOK	1:30:00 PM	11.1194	11.1295			N/A
2/13/2019	GBPNOK	3:30:00 PM	11.1485	11.1564			N/A
2/14/2019	GBPNOK	9:30:00 AM	11.1033	11.113			N/A
2/14/2019	GBPNOK	11:30:00 AM					N/A
2/14/2019	GBPNOK	1:30:00 PM	11.1007	11.111			N/A
2/14/2019	GBPNOK	3:30:00 PM	11.0916	11.0999			N/A
2/15/2019	GBPNOK	9:30:00 AM					N/A
2/15/2019	GBPNOK	11:30:00 AM					N/A
2/15/2019	GBPNOK	1:30:00 PM					N/A
2/15/2019	GBPNOK	3:30:00 PM					N/A
2/18/2019	GBPNOK	9:30:00 AM	11.125	11.1357			N/A
2/18/2019	GBPNOK	11:30:00 AM					N/A
2/18/2019	GBPNOK	1:30:00 PM	11.1347	11.1445			N/A
2/18/2019	GBPNOK	3:30:00 PM	11.1232	11.133			N/A
2/19/2019	GBPNOK	9:30:00 AM	11.1149	11.1238			N/A
2/19/2019	GBPNOK	11:30:00 AM	11.1401	11.1451			N/A
2/19/2019	GBPNOK	1:30:00 PM	11.1421	11.1515			N/A
2/19/2019	GBPNOK	3:30:00 PM	11.1645	11.1727			N/A
2/20/2019	GBPNOK	9:30:00 AM	11.188	11.1981			N/A
2/20/2019	GBPNOK	11:30:00 AM					N/A
2/20/2019	GBPNOK	1:30:00 PM	11.1803	11.1884			N/A
2/20/2019	GBPNOK	3:30:00 PM	11.1951	11.2015			N/A
2/21/2019	GBPNOK	9:30:00 AM	11.2162	11.2232			N/A
2/21/2019	GBPNOK	11:30:00 AM	11.2827	11.2885			N/A
2/21/2019	GBPNOK	1:30:00 PM	11.2304	11.2372			N/A
2/21/2019	GBPNOK	3:30:00 PM	11.263	11.2719			N/A
2/22/2019	GBPNOK	9:30:00 AM	11.2315	11.2418			N/A
2/22/2019	GBPNOK	11:30:00 AM					N/A
2/22/2019	GBPNOK	1:30:00 PM	11.2138	11.2233			N/A
2/22/2019	GBPNOK	3:30:00 PM	11.1896	11.1986			N/A
2/25/2019	GBPNOK	9:30:00 AM	11.213	11.2234			N/A
2/25/2019	GBPNOK	11:30:00 AM	11.2235	11.2332			N/A
2/25/2019	GBPNOK	1:30:00 PM	11.201	11.2097			N/A
2/25/2019	GBPNOK	3:30:00 PM	11.2358	11.2455			N/A
2/26/2019	GBPNOK	9:30:00 AM	11.3159	11.3229			N/A
2/26/2019	GBPNOK	11:30:00 AM					N/A
2/26/2019	GBPNOK	1:30:00 PM	11.3578	11.3669			N/A
2/26/2019	GBPNOK	3:30:00 PM	11.3378	11.3454			N/A
2/27/2019	GBPNOK	9:30:00 AM	11.3446	11.3547			N/A
2/27/2019	GBPNOK	11:30:00 AM	11.3382	11.3489			N/A
2/27/2019	GBPNOK	1:30:00 PM	11.349	11.3578			N/A

2/27/2019	GBPNOK	3:30:00 PM	11.3545	11.3652			N/A
2/28/2019	GBPNOK	9:30:00 AM	11.3684	11.3764			N/A
2/28/2019	GBPNOK	11:30:00 AM					N/A
2/28/2019	GBPNOK	1:30:00 PM	11.3447	11.3556			N/A
2/28/2019	GBPNOK	3:30:00 PM	11.3412	11.345			N/A
3/1/2019	GBPNOK	9:30:00 AM	11.3345	11.3411			N/A
3/1/2019	GBPNOK	11:30:00 AM	11.3382	11.3434			N/A
3/1/2019	GBPNOK	1:30:00 PM	11.3185	11.3284			N/A
3/1/2019	GBPNOK	3:30:00 PM	11.3148	11.3246			N/A
3/4/2019	GBPNOK	9:30:00 AM	11.36	11.3706			N/A
3/4/2019	GBPNOK	11:30:00 AM					N/A
3/4/2019	GBPNOK	1:30:00 PM	11.3618	11.369			N/A
3/4/2019	GBPNOK	3:30:00 PM	11.3757	11.3868			N/A
3/5/2019	GBPNOK	9:30:00 AM	11.406	11.4164			N/A
3/5/2019	GBPNOK	11:30:00 AM	11.4155	11.4168			N/A
3/5/2019	GBPNOK	1:30:00 PM	11.3815	11.3919			N/A
3/5/2019	GBPNOK	3:30:00 PM	11.3382	11.3454			N/A
3/6/2019	GBPNOK	9:30:00 AM	11.3937	11.4043			N/A
3/6/2019	GBPNOK	11:30:00 AM					N/A
3/6/2019	GBPNOK	1:30:00 PM	11.4141	11.424			N/A
3/6/2019	GBPNOK	3:30:00 PM	11.414	11.4161			N/A
3/7/2019	GBPNOK	9:30:00 AM	11.4114	11.4218			N/A
3/7/2019	GBPNOK	11:30:00 AM	11.4019	11.4074			N/A
3/7/2019	GBPNOK	1:30:00 PM	11.385	11.3959			N/A
3/7/2019	GBPNOK	3:30:00 PM	11.4038	11.4139			N/A
3/8/2019	GBPNOK	9:30:00 AM	11.517	11.527			N/A
3/8/2019	GBPNOK	11:30:00 AM					N/A
3/8/2019	GBPNOK	1:30:00 PM	11.4973	11.5061			N/A
3/8/2019	GBPNOK	3:30:00 PM	11.4941	11.4929			N/A
3/11/2019	GBPNOK	9:30:00 AM	11.3033	11.312			N/A
3/11/2019	GBPNOK	11:30:00 AM	11.2758	11.2856			N/A
3/11/2019	GBPNOK	1:30:00 PM	11.2988	11.3082			N/A
3/11/2019	GBPNOK	3:30:00 PM	11.3294	11.338			N/A
3/12/2019	GBPNOK	9:30:00 AM	11.4455	11.4436			N/A
3/12/2019	GBPNOK	11:30:00 AM					N/A
3/12/2019	GBPNOK	1:30:00 PM	11.2691	11.2745			N/A
3/12/2019	GBPNOK	3:30:00 PM	11.3195	11.3194			N/A
3/13/2019	GBPNOK	9:30:00 AM	11.3213	11.3262			N/A
3/13/2019	GBPNOK	11:30:00 AM	11.3096	11.3169			N/A
3/13/2019	GBPNOK	1:30:00 PM	11.328	11.3352			N/A
3/13/2019	GBPNOK	3:30:00 PM	11.3298	11.3383			N/A
3/14/2019	GBPNOK	9:30:00 AM	11.3807	11.385			N/A
3/14/2019	GBPNOK	11:30:00 AM					N/A
3/14/2019	GBPNOK	1:30:00 PM	11.3758	11.3806			N/A
3/14/2019	GBPNOK	3:30:00 PM	11.3942	11.4045			N/A
3/15/2019	GBPNOK	9:30:00 AM	11.3365	11.3463			N/A
3/15/2019	GBPNOK	11:30:00 AM	11.3305	11.3408			N/A
3/15/2019	GBPNOK	1:30:00 PM	11.3245	11.3353			N/A
3/15/2019	GBPNOK	3:30:00 PM	11.3455	11.3543			N/A
3/18/2019	GBPNOK	9:30:00 AM	11.3089	11.3204			N/A

3/18/2019	GBPNOK	11:30:00 AM					N/A
3/18/2019	GBPNOK	1:30:00 PM	11.2975	11.304			N/A
3/18/2019	GBPNOK	3:30:00 PM	11.2907	11.298			N/A
3/19/2019	GBPNOK	9:30:00 AM	11.3463	11.355			N/A
3/19/2019	GBPNOK	11:30:00 AM	11.3352	11.3452			N/A
3/19/2019	GBPNOK	1:30:00 PM	11.3245	11.3315			N/A
3/19/2019	GBPNOK	3:30:00 PM	11.2965	11.3017			N/A
3/20/2019	GBPNOK	9:30:00 AM	11.3036	11.3148			N/A
3/20/2019	GBPNOK	11:30:00 AM					N/A
3/20/2019	GBPNOK	1:30:00 PM	11.2858	11.2926			N/A
3/20/2019	GBPNOK	3:30:00 PM	11.2457	11.2474			N/A
3/21/2019	GBPNOK	9:30:00 AM	11.2059	11.2111			N/A
3/21/2019	GBPNOK	11:30:00 AM	11.0951	11.098			N/A
3/21/2019	GBPNOK	1:30:00 PM	11.0761	11.0816			N/A
3/21/2019	GBPNOK	3:30:00 PM	11.0842	11.0925			N/A
3/22/2019	GBPNOK	9:30:00 AM	11.0862	11.0947			N/A
3/22/2019	GBPNOK	11:30:00 AM					N/A
3/22/2019	GBPNOK	1:30:00 PM	11.2111	11.2197			N/A
3/22/2019	GBPNOK	3:30:00 PM	11.2303	11.2358			N/A
3/25/2019	GBPNOK	9:30:00 AM	11.2609	11.2685			N/A
3/25/2019	GBPNOK	11:30:00 AM	11.2388	11.249			N/A
3/25/2019	GBPNOK	1:30:00 PM	11.2448	11.2535			N/A
3/25/2019	GBPNOK	3:30:00 PM	11.2987	11.3065			N/A
3/26/2019	GBPNOK	9:30:00 AM	11.277	11.282			N/A
3/26/2019	GBPNOK	11:30:00 AM					N/A
3/26/2019	GBPNOK	1:30:00 PM	11.281	11.2898			N/A
3/26/2019	GBPNOK	3:30:00 PM	11.2879	11.2953			N/A
3/27/2019	GBPNOK	9:30:00 AM	11.2872	11.295			N/A
3/27/2019	GBPNOK	11:30:00 AM	11.3096	11.3185			N/A
3/27/2019	GBPNOK	1:30:00 PM	11.3394	11.3455			N/A
3/27/2019	GBPNOK	3:30:00 PM	11.3771	11.3878			N/A
3/28/2019	GBPNOK	9:30:00 AM	11.3721	11.3777			N/A
3/28/2019	GBPNOK	11:30:00 AM					N/A
3/28/2019	GBPNOK	1:30:00 PM	11.3641	11.3707			N/A
3/28/2019	GBPNOK	3:30:00 PM	11.3636	11.3703			N/A
3/29/2019	GBPNOK	9:30:00 AM	11.28	11.2876			N/A
3/29/2019	GBPNOK	11:30:00 AM	11.2569	11.2588			N/A
3/29/2019	GBPNOK	1:30:00 PM	11.2854	11.2904			N/A
3/29/2019	GBPNOK	3:30:00 PM	11.2492	11.2587			N/A
1/1/2019	GBPNZD	9:30:00 AM					N/A
1/1/2019	GBPNZD	11:30:00 AM					N/A
1/1/2019	GBPNZD	1:30:00 PM					N/A
1/1/2019	GBPNZD	3:30:00 PM					N/A
1/2/2019	GBPNZD	9:30:00 AM					N/A
1/2/2019	GBPNZD	11:30:00 AM					N/A
1/2/2019	GBPNZD	1:30:00 PM					N/A
1/2/2019	GBPNZD	3:30:00 PM					N/A
1/3/2019	GBPNZD	9:30:00 AM					N/A
1/3/2019	GBPNZD	11:30:00 AM					N/A
1/3/2019	GBPNZD	1:30:00 PM					N/A

1/3/2019	GBPNZD	3:30:00 PM					N/A
1/4/2019	GBPNZD	9:30:00 AM					N/A
1/4/2019	GBPNZD	11:30:00 AM					N/A
1/4/2019	GBPNZD	1:30:00 PM					N/A
1/4/2019	GBPNZD	3:30:00 PM					N/A
1/7/2019	GBPNZD	9:30:00 AM	1.88856	1.88918			N/A
1/7/2019	GBPNZD	11:30:00 AM					N/A
1/7/2019	GBPNZD	1:30:00 PM	1.88464	1.88542			N/A
1/7/2019	GBPNZD	3:30:00 PM	1.88624	1.8869			N/A
1/8/2019	GBPNZD	9:30:00 AM	1.89591	1.89614			N/A
1/8/2019	GBPNZD	11:30:00 AM	1.89542	1.89579			N/A
1/8/2019	GBPNZD	1:30:00 PM	1.89382	1.89412			N/A
1/8/2019	GBPNZD	3:30:00 PM	1.89602	1.89668			N/A
1/9/2019	GBPNZD	9:30:00 AM	1.88571	1.88605			N/A
1/9/2019	GBPNZD	11:30:00 AM					N/A
1/9/2019	GBPNZD	1:30:00 PM	1.87833	1.87839			N/A
1/9/2019	GBPNZD	3:30:00 PM	1.87823	1.87835			N/A
1/10/2019	GBPNZD	9:30:00 AM	1.88177	1.8821			N/A
1/10/2019	GBPNZD	11:30:00 AM	1.882	1.88261			N/A
1/10/2019	GBPNZD	1:30:00 PM	1.87846	1.87886			N/A
1/10/2019	GBPNZD	3:30:00 PM	1.87963	1.87995			N/A
1/11/2019	GBPNZD	9:30:00 AM	1.86818	1.86888			N/A
1/11/2019	GBPNZD	11:30:00 AM					N/A
1/11/2019	GBPNZD	1:30:00 PM	1.8714	1.87147			N/A
1/11/2019	GBPNZD	3:30:00 PM	1.87525	1.87527			N/A
1/14/2019	GBPNZD	9:30:00 AM	1.88699	1.88762			N/A
1/14/2019	GBPNZD	11:30:00 AM	1.88412	1.88406			N/A
1/14/2019	GBPNZD	1:30:00 PM	1.88489	1.88517			N/A
1/14/2019	GBPNZD	3:30:00 PM	1.88463	1.88511			N/A
1/15/2019	GBPNZD	9:30:00 AM	1.88398	1.88431			N/A
1/15/2019	GBPNZD	11:30:00 AM					N/A
1/15/2019	GBPNZD	1:30:00 PM	1.88309	1.88351			N/A
1/15/2019	GBPNZD	3:30:00 PM	1.88458	1.8845			N/A
1/16/2019	GBPNZD	9:30:00 AM	1.88438	1.88433			N/A
1/16/2019	GBPNZD	11:30:00 AM	1.89454	1.89407			N/A
1/16/2019	GBPNZD	1:30:00 PM	1.90216	1.90215			N/A
1/16/2019	GBPNZD	3:30:00 PM	1.89833	1.89883			N/A
1/17/2019	GBPNZD	9:30:00 AM	1.90947	1.90996			N/A
1/17/2019	GBPNZD	11:30:00 AM					N/A
1/17/2019	GBPNZD	1:30:00 PM	1.91563	1.91389			N/A
1/17/2019	GBPNZD	3:30:00 PM	1.91397	1.91366			N/A
1/18/2019	GBPNZD	9:30:00 AM	1.91569	1.91589			N/A
1/18/2019	GBPNZD	11:30:00 AM	1.91606	1.91514			N/A
1/18/2019	GBPNZD	1:30:00 PM	1.91326	1.91285			N/A
1/18/2019	GBPNZD	3:30:00 PM	1.91056	1.91095			N/A
1/21/2019	GBPNZD	9:30:00 AM	1.91279	1.91304			N/A
1/21/2019	GBPNZD	11:30:00 AM					N/A
1/21/2019	GBPNZD	1:30:00 PM	1.9128	1.91322			N/A
1/21/2019	GBPNZD	3:30:00 PM	1.91461	1.9152			N/A
1/22/2019	GBPNZD	9:30:00 AM	1.91544	1.91548			N/A

1/22/2019	GBPNZD	11:30:00 AM	1.92219	1.92243			N/A
1/22/2019	GBPNZD	1:30:00 PM	1.92388	1.92433			N/A
1/22/2019	GBPNZD	3:30:00 PM	1.92092	1.92146			N/A
1/23/2019	GBPNZD	9:30:00 AM	1.91121	1.91161			N/A
1/23/2019	GBPNZD	11:30:00 AM					N/A
1/23/2019	GBPNZD	1:30:00 PM	1.91706	1.91731			N/A
1/23/2019	GBPNZD	3:30:00 PM	1.92116	1.92164			N/A
1/24/2019	GBPNZD	9:30:00 AM	1.92748	1.92818			N/A
1/24/2019	GBPNZD	11:30:00 AM	1.92613	1.92663			N/A
1/24/2019	GBPNZD	1:30:00 PM	1.92444	1.92457			N/A
1/24/2019	GBPNZD	3:30:00 PM	1.92383	1.92378			N/A
1/25/2019	GBPNZD	9:30:00 AM	1.93529	1.93513			N/A
1/25/2019	GBPNZD	11:30:00 AM					N/A
1/25/2019	GBPNZD	1:30:00 PM	1.93217	1.93279			N/A
1/25/2019	GBPNZD	3:30:00 PM	1.92661	1.92726			N/A
1/28/2019	GBPNZD	9:30:00 AM	1.92115	1.92172			N/A
1/28/2019	GBPNZD	11:30:00 AM	1.92091	1.9214			N/A
1/28/2019	GBPNZD	1:30:00 PM	1.92373	1.92419			N/A
1/28/2019	GBPNZD	3:30:00 PM	1.92236	1.92307			N/A
1/29/2019	GBPNZD	9:30:00 AM	1.92001	1.92027			N/A
1/29/2019	GBPNZD	11:30:00 AM					N/A
1/29/2019	GBPNZD	1:30:00 PM	1.92183	1.92169			N/A
1/29/2019	GBPNZD	3:30:00 PM	1.92444	1.9248			N/A
1/30/2019	GBPNZD	9:30:00 AM	1.91045	1.91065			N/A
1/30/2019	GBPNZD	11:30:00 AM	1.91633	1.91704			N/A
1/30/2019	GBPNZD	1:30:00 PM	1.915	1.91516			N/A
1/30/2019	GBPNZD	3:30:00 PM	1.91483	1.91553			N/A
1/31/2019	GBPNZD	9:30:00 AM	1.90149	1.90081			N/A
1/31/2019	GBPNZD	11:30:00 AM					N/A
1/31/2019	GBPNZD	1:30:00 PM	1.8994	1.90005			N/A
1/31/2019	GBPNZD	3:30:00 PM	1.89443	1.89445			N/A
2/1/2019	GBPNZD	9:30:00 AM	1.89766	1.89828			N/A
2/1/2019	GBPNZD	11:30:00 AM	1.89249	1.89264			N/A
2/1/2019	GBPNZD	1:30:00 PM	1.88685	1.88761			N/A
2/1/2019	GBPNZD	3:30:00 PM	1.88634	1.88442			N/A
2/4/2019	GBPNZD	9:30:00 AM	1.89581	1.89651			N/A
2/4/2019	GBPNZD	11:30:00 AM					N/A
2/4/2019	GBPNZD	1:30:00 PM	1.89537	1.89566			N/A
2/4/2019	GBPNZD	3:30:00 PM	1.89733	1.8978			N/A
2/5/2019	GBPNZD	9:30:00 AM	1.89021	1.89074			N/A
2/5/2019	GBPNZD	11:30:00 AM	1.89409	1.89146			N/A
2/5/2019	GBPNZD	1:30:00 PM	1.88678	1.88714			N/A
2/5/2019	GBPNZD	3:30:00 PM	1.88393	1.88426			N/A
2/6/2019	GBPNZD	9:30:00 AM	1.88524	1.88547			N/A
2/6/2019	GBPNZD	11:30:00 AM					N/A
2/6/2019	GBPNZD	1:30:00 PM	1.89116	1.8914			N/A
2/6/2019	GBPNZD	3:30:00 PM	1.89014	1.89069			N/A
2/7/2019	GBPNZD	9:30:00 AM	1.91545	1.91597			N/A
2/7/2019	GBPNZD	11:30:00 AM	1.90992	1.91055			N/A
2/7/2019	GBPNZD	1:30:00 PM	1.91031	1.91083			N/A

2/7/2019	GBPNZD	3:30:00 PM	1.91383	1.91397			N/A
2/8/2019	GBPNZD	9:30:00 AM	1.91577	1.91632			N/A
2/8/2019	GBPNZD	11:30:00 AM					N/A
2/8/2019	GBPNZD	1:30:00 PM	1.92042	1.92126			N/A
2/8/2019	GBPNZD	3:30:00 PM	1.92009	1.92049			N/A
2/11/2019	GBPNZD	9:30:00 AM	1.91145	1.91198			N/A
2/11/2019	GBPNZD	11:30:00 AM	1.913	1.9117			N/A
2/11/2019	GBPNZD	1:30:00 PM	1.91455	1.91483			N/A
2/11/2019	GBPNZD	3:30:00 PM	1.91275	1.91296			N/A
2/12/2019	GBPNZD	9:30:00 AM	1.91104	1.91168			N/A
2/12/2019	GBPNZD	11:30:00 AM					N/A
2/12/2019	GBPNZD	1:30:00 PM	1.9091	1.90935			N/A
2/12/2019	GBPNZD	3:30:00 PM	1.91102	1.91172			N/A
2/13/2019	GBPNZD	9:30:00 AM	1.88822	1.88875			N/A
2/13/2019	GBPNZD	11:30:00 AM	1.88902	1.88907			N/A
2/13/2019	GBPNZD	1:30:00 PM	1.89038	1.89111			N/A
2/13/2019	GBPNZD	3:30:00 PM	1.89575	1.89534			N/A
2/14/2019	GBPNZD	9:30:00 AM	1.88105	1.8816			N/A
2/14/2019	GBPNZD	11:30:00 AM					N/A
2/14/2019	GBPNZD	1:30:00 PM	1.87738	1.87811			N/A
2/14/2019	GBPNZD	3:30:00 PM	1.87305	1.87319			N/A
2/15/2019	GBPNZD	9:30:00 AM					N/A
2/15/2019	GBPNZD	11:30:00 AM					N/A
2/15/2019	GBPNZD	1:30:00 PM					N/A
2/15/2019	GBPNZD	3:30:00 PM					N/A
2/18/2019	GBPNZD	9:30:00 AM	1.87797	1.87849			N/A
2/18/2019	GBPNZD	11:30:00 AM					N/A
2/18/2019	GBPNZD	1:30:00 PM	1.88152	1.88207			N/A
2/18/2019	GBPNZD	3:30:00 PM	1.87849	1.87872			N/A
2/19/2019	GBPNZD	9:30:00 AM	1.88756	1.88807			N/A
2/19/2019	GBPNZD	11:30:00 AM	1.89183	1.89181			N/A
2/19/2019	GBPNZD	1:30:00 PM	1.89284	1.89373			N/A
2/19/2019	GBPNZD	3:30:00 PM	1.89624	1.89641			N/A
2/20/2019	GBPNZD	9:30:00 AM	1.90045	1.90084			N/A
2/20/2019	GBPNZD	11:30:00 AM					N/A
2/20/2019	GBPNZD	1:30:00 PM	1.8982	1.8985			N/A
2/20/2019	GBPNZD	3:30:00 PM	1.89805	1.89826			N/A
2/21/2019	GBPNZD	9:30:00 AM	1.91029	1.90981			N/A
2/21/2019	GBPNZD	11:30:00 AM	1.91728	1.9174			N/A
2/21/2019	GBPNZD	1:30:00 PM	1.91228	1.91239			N/A
2/21/2019	GBPNZD	3:30:00 PM	1.91751	1.91686			N/A
2/22/2019	GBPNZD	9:30:00 AM	1.9195	1.9198			N/A
2/22/2019	GBPNZD	11:30:00 AM					N/A
2/22/2019	GBPNZD	1:30:00 PM	1.91194	1.91215			N/A
2/22/2019	GBPNZD	3:30:00 PM	1.90497	1.90578			N/A
2/25/2019	GBPNZD	9:30:00 AM	1.90265	1.90316			N/A
2/25/2019	GBPNZD	11:30:00 AM	1.90087	1.90134			N/A
2/25/2019	GBPNZD	1:30:00 PM	1.89575	1.89589			N/A
2/25/2019	GBPNZD	3:30:00 PM	1.89671	1.89736			N/A
2/26/2019	GBPNZD	9:30:00 AM	1.90878	1.9094			N/A

2/26/2019	GBPNZD	11:30:00 AM					N/A
2/26/2019	GBPNZD	1:30:00 PM	1.91884	1.91941			N/A
2/26/2019	GBPNZD	3:30:00 PM	1.91719	1.91713			N/A
2/27/2019	GBPNZD	9:30:00 AM	1.92269	1.92311			N/A
2/27/2019	GBPNZD	11:30:00 AM	1.93002	1.93057			N/A
2/27/2019	GBPNZD	1:30:00 PM	1.93892	1.93914			N/A
2/27/2019	GBPNZD	3:30:00 PM	1.93934	1.94003			N/A
2/28/2019	GBPNZD	9:30:00 AM	1.94209	1.94248			N/A
2/28/2019	GBPNZD	11:30:00 AM					N/A
2/28/2019	GBPNZD	1:30:00 PM	1.94691	1.94742			N/A
2/28/2019	GBPNZD	3:30:00 PM	1.94618	1.9447			N/A
3/1/2019	GBPNZD	9:30:00 AM	1.94255	1.94328			N/A
3/1/2019	GBPNZD	11:30:00 AM	1.94256	1.94258			N/A
3/1/2019	GBPNZD	1:30:00 PM	1.93965	1.94005			N/A
3/1/2019	GBPNZD	3:30:00 PM	1.93769	1.93818			N/A
3/4/2019	GBPNZD	9:30:00 AM	1.94429	1.94476			N/A
3/4/2019	GBPNZD	11:30:00 AM					N/A
3/4/2019	GBPNZD	1:30:00 PM	1.93966	1.93953			N/A
3/4/2019	GBPNZD	3:30:00 PM	1.94145	1.94204			N/A
3/5/2019	GBPNZD	9:30:00 AM	1.93675	1.93739			N/A
3/5/2019	GBPNZD	11:30:00 AM	1.93999	1.93914			N/A
3/5/2019	GBPNZD	1:30:00 PM	1.93672	1.9373			N/A
3/5/2019	GBPNZD	3:30:00 PM	1.92957	1.92997			N/A
3/6/2019	GBPNZD	9:30:00 AM	1.93809	1.93834			N/A
3/6/2019	GBPNZD	11:30:00 AM					N/A
3/6/2019	GBPNZD	1:30:00 PM	1.93945	1.93989			N/A
3/6/2019	GBPNZD	3:30:00 PM	1.94044	1.94086			N/A
3/7/2019	GBPNZD	9:30:00 AM	1.94158	1.94217			N/A
3/7/2019	GBPNZD	11:30:00 AM	1.94166	1.94142			N/A
3/7/2019	GBPNZD	1:30:00 PM	1.93575	1.93617			N/A
3/7/2019	GBPNZD	3:30:00 PM	1.93694	1.93743			N/A
3/8/2019	GBPNZD	9:30:00 AM	1.93457	1.93526			N/A
3/8/2019	GBPNZD	11:30:00 AM					N/A
3/8/2019	GBPNZD	1:30:00 PM	1.92687	1.92754			N/A
3/8/2019	GBPNZD	3:30:00 PM	1.92484	1.92216			N/A
3/11/2019	GBPNZD	9:30:00 AM	1.90907	1.9094			N/A
3/11/2019	GBPNZD	11:30:00 AM	1.90286	1.90324			N/A
3/11/2019	GBPNZD	1:30:00 PM	1.91085	1.91125			N/A
3/11/2019	GBPNZD	3:30:00 PM	1.91341	1.91326			N/A
3/12/2019	GBPNZD	9:30:00 AM	1.93215	1.93061			N/A
3/12/2019	GBPNZD	11:30:00 AM					N/A
3/12/2019	GBPNZD	1:30:00 PM	1.90275	1.90227			N/A
3/12/2019	GBPNZD	3:30:00 PM	1.91062	1.90947			N/A
3/13/2019	GBPNZD	9:30:00 AM	1.91905	1.91872			N/A
3/13/2019	GBPNZD	11:30:00 AM	1.91952	1.91956			N/A
3/13/2019	GBPNZD	1:30:00 PM	1.92356	1.92383			N/A
3/13/2019	GBPNZD	3:30:00 PM	1.92786	1.92809			N/A
3/14/2019	GBPNZD	9:30:00 AM	1.94172	1.94129			N/A
3/14/2019	GBPNZD	11:30:00 AM					N/A
3/14/2019	GBPNZD	1:30:00 PM	1.93881	1.93901			N/A

3/14/2019	GBPNZD	3:30:00 PM	1.94551	1.94604			N/A
3/15/2019	GBPNZD	9:30:00 AM	1.93449	1.93492			N/A
3/15/2019	GBPNZD	11:30:00 AM	1.93275	1.93313			N/A
3/15/2019	GBPNZD	1:30:00 PM	1.9373	1.93789			N/A
3/15/2019	GBPNZD	3:30:00 PM	1.93648	1.93678			N/A
3/18/2019	GBPNZD	9:30:00 AM	1.9335	1.93418			N/A
3/18/2019	GBPNZD	11:30:00 AM					N/A
3/18/2019	GBPNZD	1:30:00 PM	1.93154	1.9317			N/A
3/18/2019	GBPNZD	3:30:00 PM	1.93036	1.93071			N/A
3/19/2019	GBPNZD	9:30:00 AM	1.93546	1.93615			N/A
3/19/2019	GBPNZD	11:30:00 AM	1.93432	1.93487			N/A
3/19/2019	GBPNZD	1:30:00 PM	1.936	1.93597			N/A
3/19/2019	GBPNZD	3:30:00 PM	1.93144	1.93107			N/A
3/20/2019	GBPNZD	9:30:00 AM	1.93653	1.93716			N/A
3/20/2019	GBPNZD	11:30:00 AM					N/A
3/20/2019	GBPNZD	1:30:00 PM	1.93162	1.93167			N/A
3/20/2019	GBPNZD	3:30:00 PM	1.92385	1.92264			N/A
3/21/2019	GBPNZD	9:30:00 AM	1.90759	1.90693			N/A
3/21/2019	GBPNZD	11:30:00 AM	1.90462	1.90392			N/A
3/21/2019	GBPNZD	1:30:00 PM	1.90105	1.90088			N/A
3/21/2019	GBPNZD	3:30:00 PM	1.90487	1.90539			N/A
3/22/2019	GBPNZD	9:30:00 AM	1.90515	1.90538			N/A
3/22/2019	GBPNZD	11:30:00 AM					N/A
3/22/2019	GBPNZD	1:30:00 PM	1.91391	1.91406			N/A
3/22/2019	GBPNZD	3:30:00 PM	1.91398	1.91378			N/A
3/25/2019	GBPNZD	9:30:00 AM	1.91452	1.91471			N/A
3/25/2019	GBPNZD	11:30:00 AM	1.91707	1.91775			N/A
3/25/2019	GBPNZD	1:30:00 PM	1.91489	1.91543			N/A
3/25/2019	GBPNZD	3:30:00 PM	1.91902	1.91895			N/A
3/26/2019	GBPNZD	9:30:00 AM	1.91457	1.91419			N/A
3/26/2019	GBPNZD	11:30:00 AM					N/A
3/26/2019	GBPNZD	1:30:00 PM	1.91743	1.91757			N/A
3/26/2019	GBPNZD	3:30:00 PM	1.91541	1.91588			N/A
3/27/2019	GBPNZD	9:30:00 AM	1.93492	1.93484			N/A
3/27/2019	GBPNZD	11:30:00 AM	1.93786	1.93853			N/A
3/27/2019	GBPNZD	1:30:00 PM	1.94116	1.94152			N/A
3/27/2019	GBPNZD	3:30:00 PM	1.94497	1.94499			N/A
3/28/2019	GBPNZD	9:30:00 AM	1.93103	1.93076			N/A
3/28/2019	GBPNZD	11:30:00 AM					N/A
3/28/2019	GBPNZD	1:30:00 PM	1.92725	1.92682			N/A
3/28/2019	GBPNZD	3:30:00 PM	1.92888	1.92932			N/A
3/29/2019	GBPNZD	9:30:00 AM	1.92373	1.92373			N/A
3/29/2019	GBPNZD	11:30:00 AM	1.91775	1.91745			N/A
3/29/2019	GBPNZD	1:30:00 PM	1.92578	1.92547			N/A
3/29/2019	GBPNZD	3:30:00 PM	1.92217	1.92223			N/A
1/1/2019	GBPPLN	9:30:00 AM					N/A
1/1/2019	GBPPLN	11:30:00 AM					N/A
1/1/2019	GBPPLN	1:30:00 PM					N/A
1/1/2019	GBPPLN	3:30:00 PM					N/A
1/2/2019	GBPPLN	9:30:00 AM					N/A

1/2/2019	GBPPLN	11:30:00 AM					N/A
1/2/2019	GBPPLN	1:30:00 PM					N/A
1/2/2019	GBPPLN	3:30:00 PM					N/A
1/3/2019	GBPPLN	9:30:00 AM					N/A
1/3/2019	GBPPLN	11:30:00 AM					N/A
1/3/2019	GBPPLN	1:30:00 PM					N/A
1/3/2019	GBPPLN	3:30:00 PM					N/A
1/4/2019	GBPPLN	9:30:00 AM					N/A
1/4/2019	GBPPLN	11:30:00 AM					N/A
1/4/2019	GBPPLN	1:30:00 PM					N/A
1/4/2019	GBPPLN	3:30:00 PM					N/A
1/7/2019	GBPPLN	9:30:00 AM	4.7909	4.7925			N/A
1/7/2019	GBPPLN	11:30:00 AM					N/A
1/7/2019	GBPPLN	1:30:00 PM	4.7819	4.7833			N/A
1/7/2019	GBPPLN	3:30:00 PM	4.7823	4.784			N/A
1/8/2019	GBPPLN	9:30:00 AM	4.7998	4.8			N/A
1/8/2019	GBPPLN	11:30:00 AM	4.7962	4.797			N/A
1/8/2019	GBPPLN	1:30:00 PM	4.795	4.796			N/A
1/8/2019	GBPPLN	3:30:00 PM	4.7941	4.7953			N/A
1/9/2019	GBPPLN	9:30:00 AM	4.7734	4.7747			N/A
1/9/2019	GBPPLN	11:30:00 AM					N/A
1/9/2019	GBPPLN	1:30:00 PM	4.779	4.779			N/A
1/9/2019	GBPPLN	3:30:00 PM	4.7775	4.7783			N/A
1/10/2019	GBPPLN	9:30:00 AM	4.7581	4.7591			N/A
1/10/2019	GBPPLN	11:30:00 AM	4.7677	4.7684			N/A
1/10/2019	GBPPLN	1:30:00 PM	4.7483	4.7499			N/A
1/10/2019	GBPPLN	3:30:00 PM	4.7533	4.7545			N/A
1/11/2019	GBPPLN	9:30:00 AM	4.7505	4.7522			N/A
1/11/2019	GBPPLN	11:30:00 AM					N/A
1/11/2019	GBPPLN	1:30:00 PM	4.7674	4.768			N/A
1/11/2019	GBPPLN	3:30:00 PM	4.7767	4.7763			N/A
1/14/2019	GBPPLN	9:30:00 AM	4.8071	4.809			N/A
1/14/2019	GBPPLN	11:30:00 AM	4.8032	4.8041			N/A
1/14/2019	GBPPLN	1:30:00 PM	4.8135	4.8133			N/A
1/14/2019	GBPPLN	3:30:00 PM	4.8112	4.8125			N/A
1/15/2019	GBPPLN	9:30:00 AM	4.8182	4.8179			N/A
1/15/2019	GBPPLN	11:30:00 AM					N/A
1/15/2019	GBPPLN	1:30:00 PM	4.8223	4.8227			N/A
1/15/2019	GBPPLN	3:30:00 PM	4.8278	4.8272			N/A
1/16/2019	GBPPLN	9:30:00 AM	4.8415	4.841			N/A
1/16/2019	GBPPLN	11:30:00 AM	4.8455	4.8445			N/A
1/16/2019	GBPPLN	1:30:00 PM	4.8378	4.8386			N/A
1/16/2019	GBPPLN	3:30:00 PM	4.8399	4.8402			N/A
1/17/2019	GBPPLN	9:30:00 AM	4.8449	4.8452			N/A
1/17/2019	GBPPLN	11:30:00 AM					N/A
1/17/2019	GBPPLN	1:30:00 PM	4.8475	4.8428			N/A
1/17/2019	GBPPLN	3:30:00 PM	4.8526	4.8515			N/A
1/18/2019	GBPPLN	9:30:00 AM	4.8783	4.879			N/A
1/18/2019	GBPPLN	11:30:00 AM	4.877	4.8743			N/A
1/18/2019	GBPPLN	1:30:00 PM	4.8736	4.873			N/A

1/18/2019	GBPPLN	3:30:00 PM	4.8694	4.8701			N/A
1/21/2019	GBPPLN	9:30:00 AM	4.8524	4.854			N/A
1/21/2019	GBPPLN	11:30:00 AM					N/A
1/21/2019	GBPPLN	1:30:00 PM	4.8585	4.8594			N/A
1/21/2019	GBPPLN	3:30:00 PM	4.8576	4.8589			N/A
1/22/2019	GBPPLN	9:30:00 AM	4.8597	4.8596			N/A
1/22/2019	GBPPLN	11:30:00 AM	4.8673	4.8673			N/A
1/22/2019	GBPPLN	1:30:00 PM	4.8682	4.8699			N/A
1/22/2019	GBPPLN	3:30:00 PM	4.8695	4.8711			N/A
1/23/2019	GBPPLN	9:30:00 AM	4.8908	4.8911			N/A
1/23/2019	GBPPLN	11:30:00 AM					N/A
1/23/2019	GBPPLN	1:30:00 PM	4.9128	4.9132			N/A
1/23/2019	GBPPLN	3:30:00 PM	4.9192	4.9201			N/A
1/24/2019	GBPPLN	9:30:00 AM	4.9278	4.9294			N/A
1/24/2019	GBPPLN	11:30:00 AM	4.9362	4.9375			N/A
1/24/2019	GBPPLN	1:30:00 PM	4.9325	4.9329			N/A
1/24/2019	GBPPLN	3:30:00 PM	4.932	4.9302			N/A
1/25/2019	GBPPLN	9:30:00 AM	4.9619	4.9631			N/A
1/25/2019	GBPPLN	11:30:00 AM					N/A
1/25/2019	GBPPLN	1:30:00 PM	4.9529	4.9541			N/A
1/25/2019	GBPPLN	3:30:00 PM	4.9453	4.9464			N/A
1/28/2019	GBPPLN	9:30:00 AM	4.9532	4.9548			N/A
1/28/2019	GBPPLN	11:30:00 AM	4.9518	4.9531			N/A
1/28/2019	GBPPLN	1:30:00 PM	4.9451	4.9458			N/A
1/28/2019	GBPPLN	3:30:00 PM	4.9411	4.9429			N/A
1/29/2019	GBPPLN	9:30:00 AM	4.9354	4.9364			N/A
1/29/2019	GBPPLN	11:30:00 AM					N/A
1/29/2019	GBPPLN	1:30:00 PM	4.9402	4.9406			N/A
1/29/2019	GBPPLN	3:30:00 PM	4.9535	4.9539			N/A
1/30/2019	GBPPLN	9:30:00 AM	4.914	4.9144			N/A
1/30/2019	GBPPLN	11:30:00 AM	4.9264	4.928			N/A
1/30/2019	GBPPLN	1:30:00 PM	4.9179	4.9181			N/A
1/30/2019	GBPPLN	3:30:00 PM	4.9102	4.9115			N/A
1/31/2019	GBPPLN	9:30:00 AM	4.8891	4.8886			N/A
1/31/2019	GBPPLN	11:30:00 AM					N/A
1/31/2019	GBPPLN	1:30:00 PM	4.8882	4.8895			N/A
1/31/2019	GBPPLN	3:30:00 PM	4.8769	4.8753			N/A
2/1/2019	GBPPLN	9:30:00 AM	4.8866	4.8877			N/A
2/1/2019	GBPPLN	11:30:00 AM	4.8829	4.8833			N/A
2/1/2019	GBPPLN	1:30:00 PM	4.8604	4.8623			N/A
2/1/2019	GBPPLN	3:30:00 PM	4.8714	4.8685			N/A
2/4/2019	GBPPLN	9:30:00 AM	4.9029	4.9045			N/A
2/4/2019	GBPPLN	11:30:00 AM					N/A
2/4/2019	GBPPLN	1:30:00 PM	4.8846	4.8858			N/A
2/4/2019	GBPPLN	3:30:00 PM	4.8846	4.886			N/A
2/5/2019	GBPPLN	9:30:00 AM	4.8907	4.8924			N/A
2/5/2019	GBPPLN	11:30:00 AM	4.8971	4.8908			N/A
2/5/2019	GBPPLN	1:30:00 PM	4.8843	4.8858			N/A
2/5/2019	GBPPLN	3:30:00 PM	4.8821	4.8828			N/A
2/6/2019	GBPPLN	9:30:00 AM	4.8727	4.8723			N/A

2/6/2019	GBPPLN	11:30:00 AM					N/A
2/6/2019	GBPPLN	1:30:00 PM	4.8841	4.8848			N/A
2/6/2019	GBPPLN	3:30:00 PM	4.8793	4.8808			N/A
2/7/2019	GBPPLN	9:30:00 AM	4.8932	4.8943			N/A
2/7/2019	GBPPLN	11:30:00 AM	4.8878	4.8892			N/A
2/7/2019	GBPPLN	1:30:00 PM	4.8971	4.8986			N/A
2/7/2019	GBPPLN	3:30:00 PM	4.904	4.9042			N/A
2/8/2019	GBPPLN	9:30:00 AM	4.9176	4.9191			N/A
2/8/2019	GBPPLN	11:30:00 AM					N/A
2/8/2019	GBPPLN	1:30:00 PM	4.9208	4.923			N/A
2/8/2019	GBPPLN	3:30:00 PM	4.9218	4.9234			N/A
2/11/2019	GBPPLN	9:30:00 AM	4.9224	4.9236			N/A
2/11/2019	GBPPLN	11:30:00 AM	4.928	4.9249			N/A
2/11/2019	GBPPLN	1:30:00 PM	4.9318	4.9325			N/A
2/11/2019	GBPPLN	3:30:00 PM	4.9244	4.925			N/A
2/12/2019	GBPPLN	9:30:00 AM	4.9314	4.9322			N/A
2/12/2019	GBPPLN	11:30:00 AM					N/A
2/12/2019	GBPPLN	1:30:00 PM	4.9314	4.9321			N/A
2/12/2019	GBPPLN	3:30:00 PM	4.932	4.9337			N/A
2/13/2019	GBPPLN	9:30:00 AM	4.9314	4.9321			N/A
2/13/2019	GBPPLN	11:30:00 AM	4.9255	4.9254			N/A
2/13/2019	GBPPLN	1:30:00 PM	4.9276	4.9293			N/A
2/13/2019	GBPPLN	3:30:00 PM	4.9449	4.9446			N/A
2/14/2019	GBPPLN	9:30:00 AM	4.9438	4.9441			N/A
2/14/2019	GBPPLN	11:30:00 AM					N/A
2/14/2019	GBPPLN	1:30:00 PM	4.9306	4.932			N/A
2/14/2019	GBPPLN	3:30:00 PM	4.928	4.9272			N/A
2/15/2019	GBPPLN	9:30:00 AM					N/A
2/15/2019	GBPPLN	11:30:00 AM					N/A
2/15/2019	GBPPLN	1:30:00 PM					N/A
2/15/2019	GBPPLN	3:30:00 PM					N/A
2/18/2019	GBPPLN	9:30:00 AM	4.9402	4.9412			N/A
2/18/2019	GBPPLN	11:30:00 AM					N/A
2/18/2019	GBPPLN	1:30:00 PM	4.9448	4.9461			N/A
2/18/2019	GBPPLN	3:30:00 PM	4.9404	4.942			N/A
2/19/2019	GBPPLN	9:30:00 AM	4.9441	4.9452			N/A
2/19/2019	GBPPLN	11:30:00 AM	4.9472	4.9461			N/A
2/19/2019	GBPPLN	1:30:00 PM	4.9556	4.9576			N/A
2/19/2019	GBPPLN	3:30:00 PM	4.9687	4.9679			N/A
2/20/2019	GBPPLN	9:30:00 AM	4.9857	4.9877			N/A
2/20/2019	GBPPLN	11:30:00 AM					N/A
2/20/2019	GBPPLN	1:30:00 PM	4.9883	4.9888			N/A
2/20/2019	GBPPLN	3:30:00 PM	4.9948	4.9953			N/A
2/21/2019	GBPPLN	9:30:00 AM	4.9824	4.9835			N/A
2/21/2019	GBPPLN	11:30:00 AM	4.996	4.996			N/A
2/21/2019	GBPPLN	1:30:00 PM	4.981	4.9804			N/A
2/21/2019	GBPPLN	3:30:00 PM	4.9943	4.9952			N/A
2/22/2019	GBPPLN	9:30:00 AM	4.9805	4.9816			N/A
2/22/2019	GBPPLN	11:30:00 AM					N/A
2/22/2019	GBPPLN	1:30:00 PM	4.9794	4.9807			N/A

2/22/2019	GBPPLN	3:30:00 PM	4.9687	4.9705			N/A
2/25/2019	GBPPLN	9:30:00 AM	4.9874	4.9892			N/A
2/25/2019	GBPPLN	11:30:00 AM	4.9986	4.9997			N/A
2/25/2019	GBPPLN	1:30:00 PM	4.988	4.989			N/A
2/25/2019	GBPPLN	3:30:00 PM	4.9913	4.9928			N/A
2/26/2019	GBPPLN	9:30:00 AM	5.0197	5.0206			N/A
2/26/2019	GBPPLN	11:30:00 AM					N/A
2/26/2019	GBPPLN	1:30:00 PM	5.0313	5.032			N/A
2/26/2019	GBPPLN	3:30:00 PM	5.0273	5.027			N/A
2/27/2019	GBPPLN	9:30:00 AM	5.04	5.041			N/A
2/27/2019	GBPPLN	11:30:00 AM	5.0287	5.0306			N/A
2/27/2019	GBPPLN	1:30:00 PM	5.0424	5.0427			N/A
2/27/2019	GBPPLN	3:30:00 PM	5.0456	5.0475			N/A
2/28/2019	GBPPLN	9:30:00 AM	5.0445	5.0459			N/A
2/28/2019	GBPPLN	11:30:00 AM					N/A
2/28/2019	GBPPLN	1:30:00 PM	5.0247	5.0262			N/A
2/28/2019	GBPPLN	3:30:00 PM	5.0274	5.0264			N/A
3/1/2019	GBPPLN	9:30:00 AM	5.0139	5.0158			N/A
3/1/2019	GBPPLN	11:30:00 AM	5.0183	5.0175			N/A
3/1/2019	GBPPLN	1:30:00 PM	5.014	5.0153			N/A
3/1/2019	GBPPLN	3:30:00 PM	5.0102	5.0115			N/A
3/4/2019	GBPPLN	9:30:00 AM	5.0147	5.0155			N/A
3/4/2019	GBPPLN	11:30:00 AM					N/A
3/4/2019	GBPPLN	1:30:00 PM	5.0051	5.0049			N/A
3/4/2019	GBPPLN	3:30:00 PM	5.01	5.0116			N/A
3/5/2019	GBPPLN	9:30:00 AM	5.0002	5.0011			N/A
3/5/2019	GBPPLN	11:30:00 AM	5.0075	5.0059			N/A
3/5/2019	GBPPLN	1:30:00 PM	4.994	4.9956			N/A
3/5/2019	GBPPLN	3:30:00 PM	4.9743	4.9758			N/A
3/6/2019	GBPPLN	9:30:00 AM	4.9979	4.999			N/A
3/6/2019	GBPPLN	11:30:00 AM					N/A
3/6/2019	GBPPLN	1:30:00 PM	5.0015	5.0026			N/A
3/6/2019	GBPPLN	3:30:00 PM	5.0023	5.0001			N/A
3/7/2019	GBPPLN	9:30:00 AM	5.0126	5.0135			N/A
3/7/2019	GBPPLN	11:30:00 AM	5.006	5.0051			N/A
3/7/2019	GBPPLN	1:30:00 PM	4.9954	4.9969			N/A
3/7/2019	GBPPLN	3:30:00 PM	5.0091	5.01			N/A
3/8/2019	GBPPLN	9:30:00 AM	5.0376	5.0383			N/A
3/8/2019	GBPPLN	11:30:00 AM					N/A
3/8/2019	GBPPLN	1:30:00 PM	5.0236	5.0249			N/A
3/8/2019	GBPPLN	3:30:00 PM	5.0154	5.0097			N/A
3/11/2019	GBPPLN	9:30:00 AM	4.9709	4.9711			N/A
3/11/2019	GBPPLN	11:30:00 AM	4.9552	4.956			N/A
3/11/2019	GBPPLN	1:30:00 PM	4.9755	4.9766			N/A
3/11/2019	GBPPLN	3:30:00 PM	4.9881	4.9886			N/A
3/12/2019	GBPPLN	9:30:00 AM	5.0518	5.047			N/A
3/12/2019	GBPPLN	11:30:00 AM					N/A
3/12/2019	GBPPLN	1:30:00 PM	4.976	4.9749			N/A
3/12/2019	GBPPLN	3:30:00 PM	4.9986	4.9958			N/A
3/13/2019	GBPPLN	9:30:00 AM	4.9987	4.9972			N/A

3/13/2019	GBPPLN	11:30:00 AM	4.999	4.9996			N/A
3/13/2019	GBPPLN	1:30:00 PM	5.0078	5.0083			N/A
3/13/2019	GBPPLN	3:30:00 PM	5.012	5.0125			N/A
3/14/2019	GBPPLN	9:30:00 AM	5.0459	5.0445			N/A
3/14/2019	GBPPLN	11:30:00 AM					N/A
3/14/2019	GBPPLN	1:30:00 PM	5.0341	5.0331			N/A
3/14/2019	GBPPLN	3:30:00 PM	5.0506	5.0524			N/A
3/15/2019	GBPPLN	9:30:00 AM	5.0377	5.0378			N/A
3/15/2019	GBPPLN	11:30:00 AM	5.0327	5.0342			N/A
3/15/2019	GBPPLN	1:30:00 PM	5.0423	5.044			N/A
3/15/2019	GBPPLN	3:30:00 PM	5.0423	5.0432			N/A
3/18/2019	GBPPLN	9:30:00 AM	5.0342	5.0346			N/A
3/18/2019	GBPPLN	11:30:00 AM					N/A
3/18/2019	GBPPLN	1:30:00 PM	5.0217	5.0223			N/A
3/18/2019	GBPPLN	3:30:00 PM	5.0173	5.0172			N/A
3/19/2019	GBPPLN	9:30:00 AM	5.0202	5.022			N/A
3/19/2019	GBPPLN	11:30:00 AM	5.0139	5.0157			N/A
3/19/2019	GBPPLN	1:30:00 PM	5.018	5.0174			N/A
3/19/2019	GBPPLN	3:30:00 PM	5.0107	5.0105			N/A
3/20/2019	GBPPLN	9:30:00 AM	5.0045	5.006			N/A
3/20/2019	GBPPLN	11:30:00 AM					N/A
3/20/2019	GBPPLN	1:30:00 PM	4.9937	4.994			N/A
3/20/2019	GBPPLN	3:30:00 PM	4.9742	4.9707			N/A
3/21/2019	GBPPLN	9:30:00 AM	4.946	4.9456			N/A
3/21/2019	GBPPLN	11:30:00 AM	4.9505	4.9487			N/A
3/21/2019	GBPPLN	1:30:00 PM	4.9333	4.9331			N/A
3/21/2019	GBPPLN	3:30:00 PM	4.9342	4.9358			N/A
3/22/2019	GBPPLN	9:30:00 AM	4.9419	4.9424			N/A
3/22/2019	GBPPLN	11:30:00 AM					N/A
3/22/2019	GBPPLN	1:30:00 PM	4.9941	4.9948			N/A
3/22/2019	GBPPLN	3:30:00 PM	5.0031	5.002			N/A
3/25/2019	GBPPLN	9:30:00 AM	5.0053	5.0063			N/A
3/25/2019	GBPPLN	11:30:00 AM	5.0066	5.0082			N/A
3/25/2019	GBPPLN	1:30:00 PM	5.0096	5.0095			N/A
3/25/2019	GBPPLN	3:30:00 PM	5.0257	5.026			N/A
3/26/2019	GBPPLN	9:30:00 AM	5.0148	5.0133			N/A
3/26/2019	GBPPLN	11:30:00 AM					N/A
3/26/2019	GBPPLN	1:30:00 PM	5.0227	5.0234			N/A
3/26/2019	GBPPLN	3:30:00 PM	5.0302	5.0314			N/A
3/27/2019	GBPPLN	9:30:00 AM	5.0245	5.0246			N/A
3/27/2019	GBPPLN	11:30:00 AM	5.0319	5.0333			N/A
3/27/2019	GBPPLN	1:30:00 PM	5.0337	5.0344			N/A
3/27/2019	GBPPLN	3:30:00 PM	5.0445	5.046			N/A
3/28/2019	GBPPLN	9:30:00 AM	5.0291	5.0285			N/A
3/28/2019	GBPPLN	11:30:00 AM					N/A
3/28/2019	GBPPLN	1:30:00 PM	5.0208	5.02			N/A
3/28/2019	GBPPLN	3:30:00 PM	5.0144	5.0148			N/A
3/29/2019	GBPPLN	9:30:00 AM	4.9983	4.9989			N/A
3/29/2019	GBPPLN	11:30:00 AM	4.992	4.9902			N/A
3/29/2019	GBPPLN	1:30:00 PM	5.0149	5.014			N/A

3/29/2019	GBPPLN	3:30:00 PM	5.0087	5.0094			N/A
1/1/2019	GBPSEK	9:30:00 AM					N/A
1/1/2019	GBPSEK	11:30:00 AM					N/A
1/1/2019	GBPSEK	1:30:00 PM					N/A
1/1/2019	GBPSEK	3:30:00 PM					N/A
1/2/2019	GBPSEK	9:30:00 AM					N/A
1/2/2019	GBPSEK	11:30:00 AM					N/A
1/2/2019	GBPSEK	1:30:00 PM					N/A
1/2/2019	GBPSEK	3:30:00 PM					N/A
1/3/2019	GBPSEK	9:30:00 AM					N/A
1/3/2019	GBPSEK	11:30:00 AM					N/A
1/3/2019	GBPSEK	1:30:00 PM					N/A
1/3/2019	GBPSEK	3:30:00 PM					N/A
1/4/2019	GBPSEK	9:30:00 AM					N/A
1/4/2019	GBPSEK	11:30:00 AM					N/A
1/4/2019	GBPSEK	1:30:00 PM					N/A
1/4/2019	GBPSEK	3:30:00 PM					N/A
1/7/2019	GBPSEK	9:30:00 AM	11.3966	11.4036			N/A
1/7/2019	GBPSEK	11:30:00 AM					N/A
1/7/2019	GBPSEK	1:30:00 PM	11.3868	11.3948			N/A
1/7/2019	GBPSEK	3:30:00 PM	11.3882	11.3963			N/A
1/8/2019	GBPSEK	9:30:00 AM	11.3891	11.3972			N/A
1/8/2019	GBPSEK	11:30:00 AM	11.3594	11.3637			N/A
1/8/2019	GBPSEK	1:30:00 PM	11.3384	11.3443			N/A
1/8/2019	GBPSEK	3:30:00 PM	11.3441	11.3531			N/A
1/9/2019	GBPSEK	9:30:00 AM	11.357	11.3656			N/A
1/9/2019	GBPSEK	11:30:00 AM					N/A
1/9/2019	GBPSEK	1:30:00 PM	11.3743	11.378			N/A
1/9/2019	GBPSEK	3:30:00 PM	11.3625	11.3689			N/A
1/10/2019	GBPSEK	9:30:00 AM	11.3265	11.3345			N/A
1/10/2019	GBPSEK	11:30:00 AM	11.3461	11.3538			N/A
1/10/2019	GBPSEK	1:30:00 PM	11.3047	11.3129			N/A
1/10/2019	GBPSEK	3:30:00 PM	11.3179	11.3255			N/A
1/11/2019	GBPSEK	9:30:00 AM	11.32	11.3293			N/A
1/11/2019	GBPSEK	11:30:00 AM					N/A
1/11/2019	GBPSEK	1:30:00 PM	11.3574	11.364			N/A
1/11/2019	GBPSEK	3:30:00 PM	11.3765	11.3808			N/A
1/14/2019	GBPSEK	9:30:00 AM	11.4872	11.4928			N/A
1/14/2019	GBPSEK	11:30:00 AM	11.4504	11.4561			N/A
1/14/2019	GBPSEK	1:30:00 PM	11.4878	11.4895			N/A
1/14/2019	GBPSEK	3:30:00 PM	11.4917	11.5007			N/A
1/15/2019	GBPSEK	9:30:00 AM	11.5125	11.5188			N/A
1/15/2019	GBPSEK	11:30:00 AM					N/A
1/15/2019	GBPSEK	1:30:00 PM	11.5053	11.5098			N/A
1/15/2019	GBPSEK	3:30:00 PM	11.5145	11.5199			N/A
1/16/2019	GBPSEK	9:30:00 AM	11.5263	11.5295			N/A
1/16/2019	GBPSEK	11:30:00 AM	11.551	11.5539			N/A
1/16/2019	GBPSEK	1:30:00 PM	11.5461	11.5515			N/A
1/16/2019	GBPSEK	3:30:00 PM	11.5665	11.571			N/A
1/17/2019	GBPSEK	9:30:00 AM	11.6125	11.6155			N/A

1/17/2019	GBPSEK	11:30:00 AM					N/A
1/17/2019	GBPSEK	1:30:00 PM	11.6373	11.6315			N/A
1/17/2019	GBPSEK	3:30:00 PM	11.649	11.6533			N/A
1/18/2019	GBPSEK	9:30:00 AM	11.6748	11.6786			N/A
1/18/2019	GBPSEK	11:30:00 AM	11.6468	11.6477			N/A
1/18/2019	GBPSEK	1:30:00 PM	11.6381	11.6422			N/A
1/18/2019	GBPSEK	3:30:00 PM	11.627	11.633			N/A
1/21/2019	GBPSEK	9:30:00 AM	11.5955	11.6034			N/A
1/21/2019	GBPSEK	11:30:00 AM					N/A
1/21/2019	GBPSEK	1:30:00 PM	11.6025	11.6096			N/A
1/21/2019	GBPSEK	3:30:00 PM	11.6113	11.6194			N/A
1/22/2019	GBPSEK	9:30:00 AM	11.6237	11.6311			N/A
1/22/2019	GBPSEK	11:30:00 AM	11.6368	11.6422			N/A
1/22/2019	GBPSEK	1:30:00 PM	11.6536	11.6626			N/A
1/22/2019	GBPSEK	3:30:00 PM	11.6568	11.664			N/A
1/23/2019	GBPSEK	9:30:00 AM	11.6827	11.6906			N/A
1/23/2019	GBPSEK	11:30:00 AM					N/A
1/23/2019	GBPSEK	1:30:00 PM	11.7509	11.7566			N/A
1/23/2019	GBPSEK	3:30:00 PM	11.7527	11.7599			N/A
1/24/2019	GBPSEK	9:30:00 AM	11.7841	11.7933			N/A
1/24/2019	GBPSEK	11:30:00 AM	11.7982	11.8043			N/A
1/24/2019	GBPSEK	1:30:00 PM	11.8172	11.8248			N/A
1/24/2019	GBPSEK	3:30:00 PM	11.8345	11.8371			N/A
1/25/2019	GBPSEK	9:30:00 AM	11.8805	11.8861			N/A
1/25/2019	GBPSEK	11:30:00 AM					N/A
1/25/2019	GBPSEK	1:30:00 PM	11.8854	11.8941			N/A
1/25/2019	GBPSEK	3:30:00 PM	11.8771	11.8844			N/A
1/28/2019	GBPSEK	9:30:00 AM	11.9159	11.9211			N/A
1/28/2019	GBPSEK	11:30:00 AM	11.9036	11.9119			N/A
1/28/2019	GBPSEK	1:30:00 PM	11.9309	11.94			N/A
1/28/2019	GBPSEK	3:30:00 PM	11.9223	11.9315			N/A
1/29/2019	GBPSEK	9:30:00 AM	11.8955	11.9017			N/A
1/29/2019	GBPSEK	11:30:00 AM					N/A
1/29/2019	GBPSEK	1:30:00 PM	11.9122	11.9184			N/A
1/29/2019	GBPSEK	3:30:00 PM	11.9322	11.9374			N/A
1/30/2019	GBPSEK	9:30:00 AM	11.8514	11.857			N/A
1/30/2019	GBPSEK	11:30:00 AM	11.9004	11.9088			N/A
1/30/2019	GBPSEK	1:30:00 PM	11.91	11.9163			N/A
1/30/2019	GBPSEK	3:30:00 PM	11.8789	11.8869			N/A
1/31/2019	GBPSEK	9:30:00 AM	11.8617	11.8659			N/A
1/31/2019	GBPSEK	11:30:00 AM					N/A
1/31/2019	GBPSEK	1:30:00 PM	11.8457	11.8549			N/A
1/31/2019	GBPSEK	3:30:00 PM	11.8397	11.8441			N/A
2/1/2019	GBPSEK	9:30:00 AM	11.8688	11.8719			N/A
2/1/2019	GBPSEK	11:30:00 AM	11.8448	11.8501			N/A
2/1/2019	GBPSEK	1:30:00 PM	11.8176	11.8256			N/A
2/1/2019	GBPSEK	3:30:00 PM	11.8199	11.8172			N/A
2/4/2019	GBPSEK	9:30:00 AM	11.8512	11.86			N/A
2/4/2019	GBPSEK	11:30:00 AM					N/A
2/4/2019	GBPSEK	1:30:00 PM	11.8489	11.8543			N/A

2/4/2019	GBPSEK	3:30:00 PM	11.866	11.8747			N/A
2/5/2019	GBPSEK	9:30:00 AM	11.8831	11.886			N/A
2/5/2019	GBPSEK	11:30:00 AM	11.8941	11.8834			N/A
2/5/2019	GBPSEK	1:30:00 PM	11.8576	11.8662			N/A
2/5/2019	GBPSEK	3:30:00 PM	11.8312	11.8366			N/A
2/6/2019	GBPSEK	9:30:00 AM	11.8156	11.8221			N/A
2/6/2019	GBPSEK	11:30:00 AM					N/A
2/6/2019	GBPSEK	1:30:00 PM	11.864	11.8716			N/A
2/6/2019	GBPSEK	3:30:00 PM	11.869	11.877			N/A
2/7/2019	GBPSEK	9:30:00 AM	11.905	11.9122			N/A
2/7/2019	GBPSEK	11:30:00 AM	11.8975	11.9061			N/A
2/7/2019	GBPSEK	1:30:00 PM	11.9357	11.9422			N/A
2/7/2019	GBPSEK	3:30:00 PM	11.945	11.9444			N/A
2/8/2019	GBPSEK	9:30:00 AM	11.9926	11.9948			N/A
2/8/2019	GBPSEK	11:30:00 AM					N/A
2/8/2019	GBPSEK	1:30:00 PM	12.0069	12.017			N/A
2/8/2019	GBPSEK	3:30:00 PM	11.9942	12.0009			N/A
2/11/2019	GBPSEK	9:30:00 AM	12.0023	12.01			N/A
2/11/2019	GBPSEK	11:30:00 AM	11.9617	11.9584			N/A
2/11/2019	GBPSEK	1:30:00 PM	11.972	11.9784			N/A
2/11/2019	GBPSEK	3:30:00 PM	11.9569	11.964			N/A
2/12/2019	GBPSEK	9:30:00 AM	11.9376	11.9453			N/A
2/12/2019	GBPSEK	11:30:00 AM					N/A
2/12/2019	GBPSEK	1:30:00 PM	11.911	11.9162			N/A
2/12/2019	GBPSEK	3:30:00 PM	11.9427	11.951			N/A
2/13/2019	GBPSEK	9:30:00 AM	11.9504	11.9571			N/A
2/13/2019	GBPSEK	11:30:00 AM	11.8867	11.8904			N/A
2/13/2019	GBPSEK	1:30:00 PM	11.863	11.8718			N/A
2/13/2019	GBPSEK	3:30:00 PM	11.8886	11.8937			N/A
2/14/2019	GBPSEK	9:30:00 AM	11.8961	11.9024			N/A
2/14/2019	GBPSEK	11:30:00 AM					N/A
2/14/2019	GBPSEK	1:30:00 PM	11.8952	11.9029			N/A
2/14/2019	GBPSEK	3:30:00 PM	11.9052	11.9143			N/A
2/15/2019	GBPSEK	9:30:00 AM					N/A
2/15/2019	GBPSEK	11:30:00 AM					N/A
2/15/2019	GBPSEK	1:30:00 PM					N/A
2/15/2019	GBPSEK	3:30:00 PM					N/A
2/18/2019	GBPSEK	9:30:00 AM	11.9461	11.954			N/A
2/18/2019	GBPSEK	11:30:00 AM					N/A
2/18/2019	GBPSEK	1:30:00 PM	11.9579	11.9618			N/A
2/18/2019	GBPSEK	3:30:00 PM	11.9453	11.9535			N/A
2/19/2019	GBPSEK	9:30:00 AM	11.9552	11.9622			N/A
2/19/2019	GBPSEK	11:30:00 AM	12.0939	12.0935			N/A
2/19/2019	GBPSEK	1:30:00 PM	12.1134	12.1226			N/A
2/19/2019	GBPSEK	3:30:00 PM	12.1441	12.1512			N/A
2/20/2019	GBPSEK	9:30:00 AM	12.1436	12.1524			N/A
2/20/2019	GBPSEK	11:30:00 AM					N/A
2/20/2019	GBPSEK	1:30:00 PM	12.1347	12.1409			N/A
2/20/2019	GBPSEK	3:30:00 PM	12.1519	12.1597			N/A
2/21/2019	GBPSEK	9:30:00 AM	12.1582	12.1667			N/A

2/21/2019	GBPSEK	11:30:00 AM	12.2124	12.2167			N/A
2/21/2019	GBPSEK	1:30:00 PM	12.1791	12.1834			N/A
2/21/2019	GBPSEK	3:30:00 PM	12.2339	12.2386			N/A
2/22/2019	GBPSEK	9:30:00 AM	12.198	12.2032			N/A
2/22/2019	GBPSEK	11:30:00 AM					N/A
2/22/2019	GBPSEK	1:30:00 PM	12.1747	12.1801			N/A
2/22/2019	GBPSEK	3:30:00 PM	12.1501	12.1589			N/A
2/25/2019	GBPSEK	9:30:00 AM	12.1764	12.1853			N/A
2/25/2019	GBPSEK	11:30:00 AM	12.1804	12.1875			N/A
2/25/2019	GBPSEK	1:30:00 PM	12.1617	12.1688			N/A
2/25/2019	GBPSEK	3:30:00 PM	12.1747	12.1828			N/A
2/26/2019	GBPSEK	9:30:00 AM	12.2539	12.2602			N/A
2/26/2019	GBPSEK	11:30:00 AM					N/A
2/26/2019	GBPSEK	1:30:00 PM	12.3031	12.3096			N/A
2/26/2019	GBPSEK	3:30:00 PM	12.2833	12.2892			N/A
2/27/2019	GBPSEK	9:30:00 AM	12.3137	12.3226			N/A
2/27/2019	GBPSEK	11:30:00 AM	12.2903	12.2998			N/A
2/27/2019	GBPSEK	1:30:00 PM	12.3176	12.3231			N/A
2/27/2019	GBPSEK	3:30:00 PM	12.3237	12.3327			N/A
2/28/2019	GBPSEK	9:30:00 AM	12.3149	12.3201			N/A
2/28/2019	GBPSEK	11:30:00 AM					N/A
2/28/2019	GBPSEK	1:30:00 PM	12.2244	12.2302			N/A
2/28/2019	GBPSEK	3:30:00 PM	12.2245	12.2251			N/A
3/1/2019	GBPSEK	9:30:00 AM	12.2422	12.241			N/A
3/1/2019	GBPSEK	11:30:00 AM	12.236	12.2421			N/A
3/1/2019	GBPSEK	1:30:00 PM	12.217	12.2233			N/A
3/1/2019	GBPSEK	3:30:00 PM	12.2116	12.2198			N/A
3/4/2019	GBPSEK	9:30:00 AM	12.2717	12.2788			N/A
3/4/2019	GBPSEK	11:30:00 AM					N/A
3/4/2019	GBPSEK	1:30:00 PM	12.2716	12.2771			N/A
3/4/2019	GBPSEK	3:30:00 PM	12.3058	12.3136			N/A
3/5/2019	GBPSEK	9:30:00 AM	12.3152	12.3177			N/A
3/5/2019	GBPSEK	11:30:00 AM	12.2879	12.2879			N/A
3/5/2019	GBPSEK	1:30:00 PM	12.2545	12.2613			N/A
3/5/2019	GBPSEK	3:30:00 PM	12.2025	12.2096			N/A
3/6/2019	GBPSEK	9:30:00 AM	12.2376	12.2427			N/A
3/6/2019	GBPSEK	11:30:00 AM					N/A
3/6/2019	GBPSEK	1:30:00 PM	12.2634	12.2711			N/A
3/6/2019	GBPSEK	3:30:00 PM	12.2615	12.2625			N/A
3/7/2019	GBPSEK	9:30:00 AM	12.248	12.2565			N/A
3/7/2019	GBPSEK	11:30:00 AM	12.2539	12.2589			N/A
3/7/2019	GBPSEK	1:30:00 PM	12.2633	12.2693			N/A
3/7/2019	GBPSEK	3:30:00 PM	12.3072	12.3132			N/A
3/8/2019	GBPSEK	9:30:00 AM	12.4044	12.4124			N/A
3/8/2019	GBPSEK	11:30:00 AM					N/A
3/8/2019	GBPSEK	1:30:00 PM	12.3956	12.4032			N/A
3/8/2019	GBPSEK	3:30:00 PM	12.3884	12.3874			N/A
3/11/2019	GBPSEK	9:30:00 AM	12.2254	12.2306			N/A
3/11/2019	GBPSEK	11:30:00 AM	12.2167	12.2237			N/A
3/11/2019	GBPSEK	1:30:00 PM	12.2312	12.2364			N/A

3/11/2019	GBPSEK	3:30:00 PM	12.2676	12.2718			N/A
3/12/2019	GBPSEK	9:30:00 AM	12.3929	12.3886			N/A
3/12/2019	GBPSEK	11:30:00 AM					N/A
3/12/2019	GBPSEK	1:30:00 PM	12.2404	12.2421			N/A
3/12/2019	GBPSEK	3:30:00 PM	12.2945	12.2895			N/A
3/13/2019	GBPSEK	9:30:00 AM	12.2876	12.2895			N/A
3/13/2019	GBPSEK	11:30:00 AM	12.2691	12.2741			N/A
3/13/2019	GBPSEK	1:30:00 PM	12.2916	12.2988			N/A
3/13/2019	GBPSEK	3:30:00 PM	12.2984	12.3024			N/A
3/14/2019	GBPSEK	9:30:00 AM	12.3511	12.352			N/A
3/14/2019	GBPSEK	11:30:00 AM					N/A
3/14/2019	GBPSEK	1:30:00 PM	12.338	12.3428			N/A
3/14/2019	GBPSEK	3:30:00 PM	12.3646	12.3714			N/A
3/15/2019	GBPSEK	9:30:00 AM	12.2989	12.3059			N/A
3/15/2019	GBPSEK	11:30:00 AM	12.2898	12.2962			N/A
3/15/2019	GBPSEK	1:30:00 PM	12.2709	12.2803			N/A
3/15/2019	GBPSEK	3:30:00 PM	12.2932	12.3003			N/A
3/18/2019	GBPSEK	9:30:00 AM	12.2413	12.248			N/A
3/18/2019	GBPSEK	11:30:00 AM					N/A
3/18/2019	GBPSEK	1:30:00 PM	12.224	12.2289			N/A
3/18/2019	GBPSEK	3:30:00 PM	12.2193	12.2247			N/A
3/19/2019	GBPSEK	9:30:00 AM	12.2457	12.2473			N/A
3/19/2019	GBPSEK	11:30:00 AM	12.2418	12.2486			N/A
3/19/2019	GBPSEK	1:30:00 PM	12.2294	12.2322			N/A
3/19/2019	GBPSEK	3:30:00 PM	12.204	12.2079			N/A
3/20/2019	GBPSEK	9:30:00 AM	12.1941	12.2034			N/A
3/20/2019	GBPSEK	11:30:00 AM					N/A
3/20/2019	GBPSEK	1:30:00 PM	12.1503	12.1551			N/A
3/20/2019	GBPSEK	3:30:00 PM	12.1059	12.1026			N/A
3/21/2019	GBPSEK	9:30:00 AM	12.0399	12.0443			N/A
3/21/2019	GBPSEK	11:30:00 AM	12.0349	12.0357			N/A
3/21/2019	GBPSEK	1:30:00 PM	12.0026	12.0043			N/A
3/21/2019	GBPSEK	3:30:00 PM	12.0204	12.0273			N/A
3/22/2019	GBPSEK	9:30:00 AM	12.0358	12.0406			N/A
3/22/2019	GBPSEK	11:30:00 AM					N/A
3/22/2019	GBPSEK	1:30:00 PM	12.1787	12.1845			N/A
3/22/2019	GBPSEK	3:30:00 PM	12.1989	12.2038			N/A
3/25/2019	GBPSEK	9:30:00 AM	12.194	12.1955			N/A
3/25/2019	GBPSEK	11:30:00 AM	12.1687	12.1771			N/A
3/25/2019	GBPSEK	1:30:00 PM	12.1611	12.1673			N/A
3/25/2019	GBPSEK	3:30:00 PM	12.2125	12.2174			N/A
3/26/2019	GBPSEK	9:30:00 AM	12.216	12.2186			N/A
3/26/2019	GBPSEK	11:30:00 AM					N/A
3/26/2019	GBPSEK	1:30:00 PM	12.2092	12.2147			N/A
3/26/2019	GBPSEK	3:30:00 PM	12.2112	12.2191			N/A
3/27/2019	GBPSEK	9:30:00 AM	12.2044	12.2082			N/A
3/27/2019	GBPSEK	11:30:00 AM	12.1912	12.1951			N/A
3/27/2019	GBPSEK	1:30:00 PM	12.217	12.221			N/A
3/27/2019	GBPSEK	3:30:00 PM	12.2435	12.2484			N/A
3/28/2019	GBPSEK	9:30:00 AM	12.2264	12.2271			N/A

3/28/2019	GBPSEK	11:30:00 AM					N/A
3/28/2019	GBPSEK	1:30:00 PM	12.254	12.2563			N/A
3/28/2019	GBPSEK	3:30:00 PM	12.2248	12.2313			N/A
3/29/2019	GBPSEK	9:30:00 AM	12.1361	12.1408			N/A
3/29/2019	GBPSEK	11:30:00 AM	12.0903	12.0891			N/A
3/29/2019	GBPSEK	1:30:00 PM	12.1217	12.1251			N/A
3/29/2019	GBPSEK	3:30:00 PM	12.1084	12.1139			N/A
1/1/2019	GBPSGD	9:30:00 AM					N/A
1/1/2019	GBPSGD	11:30:00 AM					N/A
1/1/2019	GBPSGD	1:30:00 PM					N/A
1/1/2019	GBPSGD	3:30:00 PM					N/A
1/2/2019	GBPSGD	9:30:00 AM					N/A
1/2/2019	GBPSGD	11:30:00 AM					N/A
1/2/2019	GBPSGD	1:30:00 PM					N/A
1/2/2019	GBPSGD	3:30:00 PM					N/A
1/3/2019	GBPSGD	9:30:00 AM					N/A
1/3/2019	GBPSGD	11:30:00 AM					N/A
1/3/2019	GBPSGD	1:30:00 PM					N/A
1/3/2019	GBPSGD	3:30:00 PM					N/A
1/4/2019	GBPSGD	9:30:00 AM					N/A
1/4/2019	GBPSGD	11:30:00 AM					N/A
1/4/2019	GBPSGD	1:30:00 PM					N/A
1/4/2019	GBPSGD	3:30:00 PM					N/A
1/7/2019	GBPSGD	9:30:00 AM	1.7293	1.7299			N/A
1/7/2019	GBPSGD	11:30:00 AM					N/A
1/7/2019	GBPSGD	1:30:00 PM	1.729	1.7298			N/A
1/7/2019	GBPSGD	3:30:00 PM	1.731	1.7316			N/A
1/8/2019	GBPSGD	9:30:00 AM	1.7351	1.7355			N/A
1/8/2019	GBPSGD	11:30:00 AM	1.7357	1.7363			N/A
1/8/2019	GBPSGD	1:30:00 PM	1.7328	1.7332			N/A
1/8/2019	GBPSGD	3:30:00 PM	1.7316	1.7323			N/A
1/9/2019	GBPSGD	9:30:00 AM	1.7288	1.7293			N/A
1/9/2019	GBPSGD	11:30:00 AM					N/A
1/9/2019	GBPSGD	1:30:00 PM	1.7258	1.7264			N/A
1/9/2019	GBPSGD	3:30:00 PM	1.7267	1.7269			N/A
1/10/2019	GBPSGD	9:30:00 AM	1.7249	1.7254			N/A
1/10/2019	GBPSGD	11:30:00 AM	1.7254	1.7258			N/A
1/10/2019	GBPSGD	1:30:00 PM	1.7218	1.7223			N/A
1/10/2019	GBPSGD	3:30:00 PM	1.7248	1.7253			N/A
1/11/2019	GBPSGD	9:30:00 AM	1.7228	1.7234			N/A
1/11/2019	GBPSGD	11:30:00 AM					N/A
1/11/2019	GBPSGD	1:30:00 PM	1.728	1.7282			N/A
1/11/2019	GBPSGD	3:30:00 PM	1.7318	1.7318			N/A
1/14/2019	GBPSGD	9:30:00 AM	1.7376	1.7382			N/A
1/14/2019	GBPSGD	11:30:00 AM	1.7377	1.7377			N/A
1/14/2019	GBPSGD	1:30:00 PM	1.7404	1.7407			N/A
1/14/2019	GBPSGD	3:30:00 PM	1.7408	1.7415			N/A
1/15/2019	GBPSGD	9:30:00 AM	1.7432	1.7433			N/A
1/15/2019	GBPSGD	11:30:00 AM					N/A
1/15/2019	GBPSGD	1:30:00 PM	1.7397	1.7401			N/A

1/15/2019	GBPSGD	3:30:00 PM	1.74	1.7402			N/A
1/16/2019	GBPSGD	9:30:00 AM	1.7416	1.7415			N/A
1/16/2019	GBPSGD	11:30:00 AM	1.7461	1.7457			N/A
1/16/2019	GBPSGD	1:30:00 PM	1.7435	1.7439			N/A
1/16/2019	GBPSGD	3:30:00 PM	1.7426	1.7429			N/A
1/17/2019	GBPSGD	9:30:00 AM	1.7454	1.7456			N/A
1/17/2019	GBPSGD	11:30:00 AM					N/A
1/17/2019	GBPSGD	1:30:00 PM	1.7498	1.7484			N/A
1/17/2019	GBPSGD	3:30:00 PM	1.7497	1.7496			N/A
1/18/2019	GBPSGD	9:30:00 AM	1.758	1.7582			N/A
1/18/2019	GBPSGD	11:30:00 AM	1.7557	1.755			N/A
1/18/2019	GBPSGD	1:30:00 PM	1.7562	1.756			N/A
1/18/2019	GBPSGD	3:30:00 PM	1.7544	1.7547			N/A
1/21/2019	GBPSGD	9:30:00 AM	1.7493	1.7499			N/A
1/21/2019	GBPSGD	11:30:00 AM					N/A
1/21/2019	GBPSGD	1:30:00 PM	1.7495	1.75			N/A
1/21/2019	GBPSGD	3:30:00 PM	1.7506	1.7512			N/A
1/22/2019	GBPSGD	9:30:00 AM	1.7508	1.7512			N/A
1/22/2019	GBPSGD	11:30:00 AM	1.7559	1.756			N/A
1/22/2019	GBPSGD	1:30:00 PM	1.7569	1.7575			N/A
1/22/2019	GBPSGD	3:30:00 PM	1.757	1.7576			N/A
1/23/2019	GBPSGD	9:30:00 AM	1.7622	1.7627			N/A
1/23/2019	GBPSGD	11:30:00 AM					N/A
1/23/2019	GBPSGD	1:30:00 PM	1.7709	1.7709			N/A
1/23/2019	GBPSGD	3:30:00 PM	1.7718	1.7723			N/A
1/24/2019	GBPSGD	9:30:00 AM	1.7753	1.7759			N/A
1/24/2019	GBPSGD	11:30:00 AM	1.7746	1.7751			N/A
1/24/2019	GBPSGD	1:30:00 PM	1.7718	1.7722			N/A
1/24/2019	GBPSGD	3:30:00 PM	1.7738	1.7735			N/A
1/25/2019	GBPSGD	9:30:00 AM	1.78	1.7803			N/A
1/25/2019	GBPSGD	11:30:00 AM					N/A
1/25/2019	GBPSGD	1:30:00 PM	1.7761	1.7765			N/A
1/25/2019	GBPSGD	3:30:00 PM	1.7748	1.7754			N/A
1/28/2019	GBPSGD	9:30:00 AM	1.7827	1.7834			N/A
1/28/2019	GBPSGD	11:30:00 AM	1.7802	1.7809			N/A
1/28/2019	GBPSGD	1:30:00 PM	1.7828	1.7833			N/A
1/28/2019	GBPSGD	3:30:00 PM	1.78	1.7807			N/A
1/29/2019	GBPSGD	9:30:00 AM	1.7791	1.7795			N/A
1/29/2019	GBPSGD	11:30:00 AM					N/A
1/29/2019	GBPSGD	1:30:00 PM	1.7783	1.7784			N/A
1/29/2019	GBPSGD	3:30:00 PM	1.7805	1.7806			N/A
1/30/2019	GBPSGD	9:30:00 AM	1.7681	1.7683			N/A
1/30/2019	GBPSGD	11:30:00 AM	1.7706	1.7713			N/A
1/30/2019	GBPSGD	1:30:00 PM	1.7695	1.7696			N/A
1/30/2019	GBPSGD	3:30:00 PM	1.7665	1.7672			N/A
1/31/2019	GBPSGD	9:30:00 AM	1.7687	1.7687			N/A
1/31/2019	GBPSGD	11:30:00 AM					N/A
1/31/2019	GBPSGD	1:30:00 PM	1.7669	1.7676			N/A
1/31/2019	GBPSGD	3:30:00 PM	1.7644	1.7649			N/A
2/1/2019	GBPSGD	9:30:00 AM	1.7684	1.769			N/A

2/1/2019	GBPSGD	11:30:00 AM	1.7657	1.7659			N/A
2/1/2019	GBPSGD	1:30:00 PM	1.7616	1.7624			N/A
2/1/2019	GBPSGD	3:30:00 PM	1.7613	1.7611			N/A
2/4/2019	GBPSGD	9:30:00 AM	1.7689	1.7696			N/A
2/4/2019	GBPSGD	11:30:00 AM					N/A
2/4/2019	GBPSGD	1:30:00 PM	1.7657	1.7664			N/A
2/4/2019	GBPSGD	3:30:00 PM	1.7665	1.7671			N/A
2/5/2019	GBPSGD	9:30:00 AM	1.7625	1.7632			N/A
2/5/2019	GBPSGD	11:30:00 AM	1.7644	1.7622			N/A
2/5/2019	GBPSGD	1:30:00 PM	1.7592	1.7598			N/A
2/5/2019	GBPSGD	3:30:00 PM	1.7576	1.7581			N/A
2/6/2019	GBPSGD	9:30:00 AM	1.7506	1.7509			N/A
2/6/2019	GBPSGD	11:30:00 AM					N/A
2/6/2019	GBPSGD	1:30:00 PM	1.7544	1.7548			N/A
2/6/2019	GBPSGD	3:30:00 PM	1.7539	1.7545			N/A
2/7/2019	GBPSGD	9:30:00 AM	1.7528	1.7531			N/A
2/7/2019	GBPSGD	11:30:00 AM	1.7496	1.7502			N/A
2/7/2019	GBPSGD	1:30:00 PM	1.7503	1.7509			N/A
2/7/2019	GBPSGD	3:30:00 PM	1.7538	1.7539			N/A
2/8/2019	GBPSGD	9:30:00 AM	1.7556	1.7562			N/A
2/8/2019	GBPSGD	11:30:00 AM					N/A
2/8/2019	GBPSGD	1:30:00 PM	1.7571	1.7579			N/A
2/8/2019	GBPSGD	3:30:00 PM	1.7574	1.7577			N/A
2/11/2019	GBPSGD	9:30:00 AM	1.7544	1.7549			N/A
2/11/2019	GBPSGD	11:30:00 AM	1.7534	1.7521			N/A
2/11/2019	GBPSGD	1:30:00 PM	1.755	1.7555			N/A
2/11/2019	GBPSGD	3:30:00 PM	1.7525	1.7531			N/A
2/12/2019	GBPSGD	9:30:00 AM	1.7481	1.7486			N/A
2/12/2019	GBPSGD	11:30:00 AM					N/A
2/12/2019	GBPSGD	1:30:00 PM	1.7452	1.7453			N/A
2/12/2019	GBPSGD	3:30:00 PM	1.7478	1.7485			N/A
2/13/2019	GBPSGD	9:30:00 AM	1.7502	1.7503			N/A
2/13/2019	GBPSGD	11:30:00 AM	1.7471	1.7472			N/A
2/13/2019	GBPSGD	1:30:00 PM	1.7472	1.7477			N/A
2/13/2019	GBPSGD	3:30:00 PM	1.7518	1.7523			N/A
2/14/2019	GBPSGD	9:30:00 AM	1.746	1.7466			N/A
2/14/2019	GBPSGD	11:30:00 AM					N/A
2/14/2019	GBPSGD	1:30:00 PM	1.7425	1.7431			N/A
2/14/2019	GBPSGD	3:30:00 PM	1.7411	1.7415			N/A
2/15/2019	GBPSGD	9:30:00 AM					N/A
2/15/2019	GBPSGD	11:30:00 AM					N/A
2/15/2019	GBPSGD	1:30:00 PM					N/A
2/15/2019	GBPSGD	3:30:00 PM					N/A
2/18/2019	GBPSGD	9:30:00 AM	1.7496	1.7503			N/A
2/18/2019	GBPSGD	11:30:00 AM					N/A
2/18/2019	GBPSGD	1:30:00 PM	1.7528	1.7532			N/A
2/18/2019	GBPSGD	3:30:00 PM	1.7518	1.7522			N/A
2/19/2019	GBPSGD	9:30:00 AM	1.7518	1.7522			N/A
2/19/2019	GBPSGD	11:30:00 AM	1.7527	1.7526			N/A
2/19/2019	GBPSGD	1:30:00 PM	1.7519	1.7528			N/A

2/19/2019	GBPSGD	3:30:00 PM	1.7562	1.7567			N/A
2/20/2019	GBPSGD	9:30:00 AM	1.7648	1.7652			N/A
2/20/2019	GBPSGD	11:30:00 AM					N/A
2/20/2019	GBPSGD	1:30:00 PM	1.7605	1.7608			N/A
2/20/2019	GBPSGD	3:30:00 PM	1.7621	1.7624			N/A
2/21/2019	GBPSGD	9:30:00 AM	1.7622	1.7627			N/A
2/21/2019	GBPSGD	11:30:00 AM	1.7686	1.7687			N/A
2/21/2019	GBPSGD	1:30:00 PM	1.7635	1.7636			N/A
2/21/2019	GBPSGD	3:30:00 PM	1.7687	1.7681			N/A
2/22/2019	GBPSGD	9:30:00 AM	1.7645	1.7649			N/A
2/22/2019	GBPSGD	11:30:00 AM					N/A
2/22/2019	GBPSGD	1:30:00 PM	1.7602	1.7604			N/A
2/22/2019	GBPSGD	3:30:00 PM	1.7566	1.7572			N/A
2/25/2019	GBPSGD	9:30:00 AM	1.7643	1.7649			N/A
2/25/2019	GBPSGD	11:30:00 AM	1.7651	1.7655			N/A
2/25/2019	GBPSGD	1:30:00 PM	1.7634	1.7638			N/A
2/25/2019	GBPSGD	3:30:00 PM	1.7641	1.7647			N/A
2/26/2019	GBPSGD	9:30:00 AM	1.7737	1.7741			N/A
2/26/2019	GBPSGD	11:30:00 AM					N/A
2/26/2019	GBPSGD	1:30:00 PM	1.781	1.7815			N/A
2/26/2019	GBPSGD	3:30:00 PM	1.7798	1.7799			N/A
2/27/2019	GBPSGD	9:30:00 AM	1.7865	1.787			N/A
2/27/2019	GBPSGD	11:30:00 AM	1.788	1.7887			N/A
2/27/2019	GBPSGD	1:30:00 PM	1.7944	1.7949			N/A
2/27/2019	GBPSGD	3:30:00 PM	1.7945	1.7951			N/A
2/28/2019	GBPSGD	9:30:00 AM	1.7933	1.7935			N/A
2/28/2019	GBPSGD	11:30:00 AM					N/A
2/28/2019	GBPSGD	1:30:00 PM	1.7954	1.796			N/A
2/28/2019	GBPSGD	3:30:00 PM	1.7933	1.7924			N/A
3/1/2019	GBPSGD	9:30:00 AM	1.7918	1.7925			N/A
3/1/2019	GBPSGD	11:30:00 AM	1.7912	1.791			N/A
3/1/2019	GBPSGD	1:30:00 PM	1.7911	1.7916			N/A
3/1/2019	GBPSGD	3:30:00 PM	1.7903	1.7908			N/A
3/4/2019	GBPSGD	9:30:00 AM	1.7922	1.7927			N/A
3/4/2019	GBPSGD	11:30:00 AM					N/A
3/4/2019	GBPSGD	1:30:00 PM	1.7888	1.7889			N/A
3/4/2019	GBPSGD	3:30:00 PM	1.7906	1.7912			N/A
3/5/2019	GBPSGD	9:30:00 AM	1.7822	1.7828			N/A
3/5/2019	GBPSGD	11:30:00 AM	1.7865	1.7858			N/A
3/5/2019	GBPSGD	1:30:00 PM	1.7829	1.7835			N/A
3/5/2019	GBPSGD	3:30:00 PM	1.7764	1.7768			N/A
3/6/2019	GBPSGD	9:30:00 AM	1.7821	1.7826			N/A
3/6/2019	GBPSGD	11:30:00 AM					N/A
3/6/2019	GBPSGD	1:30:00 PM	1.7846	1.785			N/A
3/6/2019	GBPSGD	3:30:00 PM	1.7851	1.7856			N/A
3/7/2019	GBPSGD	9:30:00 AM	1.7875	1.7881			N/A
3/7/2019	GBPSGD	11:30:00 AM	1.787	1.7867			N/A
3/7/2019	GBPSGD	1:30:00 PM	1.7832	1.784			N/A
3/7/2019	GBPSGD	3:30:00 PM	1.7827	1.783			N/A
3/8/2019	GBPSGD	9:30:00 AM	1.779	1.7798			N/A

3/8/2019	GBPSGD	11:30:00 AM					N/A
3/8/2019	GBPSGD	1:30:00 PM	1.7792	1.7798			N/A
3/8/2019	GBPSGD	3:30:00 PM	1.7789	1.777			N/A
3/11/2019	GBPSGD	9:30:00 AM	1.7656	1.766			N/A
3/11/2019	GBPSGD	11:30:00 AM	1.7625	1.7629			N/A
3/11/2019	GBPSGD	1:30:00 PM	1.7687	1.7689			N/A
3/11/2019	GBPSGD	3:30:00 PM	1.7735	1.774			N/A
3/12/2019	GBPSGD	9:30:00 AM	1.7935	1.7922			N/A
3/12/2019	GBPSGD	11:30:00 AM					N/A
3/12/2019	GBPSGD	1:30:00 PM	1.7667	1.7663			N/A
3/12/2019	GBPSGD	3:30:00 PM	1.7777	1.7765			N/A
3/13/2019	GBPSGD	9:30:00 AM	1.7789	1.7786			N/A
3/13/2019	GBPSGD	11:30:00 AM	1.7807	1.7807			N/A
3/13/2019	GBPSGD	1:30:00 PM	1.7841	1.7845			N/A
3/13/2019	GBPSGD	3:30:00 PM	1.7859	1.7863			N/A
3/14/2019	GBPSGD	9:30:00 AM	1.7998	1.7995			N/A
3/14/2019	GBPSGD	11:30:00 AM					N/A
3/14/2019	GBPSGD	1:30:00 PM	1.7929	1.7931			N/A
3/14/2019	GBPSGD	3:30:00 PM	1.7984	1.7991			N/A
3/15/2019	GBPSGD	9:30:00 AM	1.7946	1.7951			N/A
3/15/2019	GBPSGD	11:30:00 AM	1.7926	1.7931			N/A
3/15/2019	GBPSGD	1:30:00 PM	1.7951	1.7958			N/A
3/15/2019	GBPSGD	3:30:00 PM	1.7943	1.7946			N/A
3/18/2019	GBPSGD	9:30:00 AM	1.7947	1.7954			N/A
3/18/2019	GBPSGD	11:30:00 AM					N/A
3/18/2019	GBPSGD	1:30:00 PM	1.7929	1.7932			N/A
3/18/2019	GBPSGD	3:30:00 PM	1.7897	1.7902			N/A
3/19/2019	GBPSGD	9:30:00 AM	1.7928	1.7934			N/A
3/19/2019	GBPSGD	11:30:00 AM	1.792	1.7925			N/A
3/19/2019	GBPSGD	1:30:00 PM	1.794	1.794			N/A
3/19/2019	GBPSGD	3:30:00 PM	1.7917	1.7916			N/A
3/20/2019	GBPSGD	9:30:00 AM	1.7904	1.7909			N/A
3/20/2019	GBPSGD	11:30:00 AM					N/A
3/20/2019	GBPSGD	1:30:00 PM	1.7861	1.7861			N/A
3/20/2019	GBPSGD	3:30:00 PM	1.7806	1.7796			N/A
3/21/2019	GBPSGD	9:30:00 AM	1.7788	1.7784			N/A
3/21/2019	GBPSGD	11:30:00 AM	1.7748	1.7744			N/A
3/21/2019	GBPSGD	1:30:00 PM	1.7682	1.7681			N/A
3/21/2019	GBPSGD	3:30:00 PM	1.7708	1.7711			N/A
3/22/2019	GBPSGD	9:30:00 AM	1.7718	1.7721			N/A
3/22/2019	GBPSGD	11:30:00 AM					N/A
3/22/2019	GBPSGD	1:30:00 PM	1.7768	1.777			N/A
3/22/2019	GBPSGD	3:30:00 PM	1.7791	1.7787			N/A
3/25/2019	GBPSGD	9:30:00 AM	1.7802	1.7803			N/A
3/25/2019	GBPSGD	11:30:00 AM	1.7817	1.7823			N/A
3/25/2019	GBPSGD	1:30:00 PM	1.7798	1.7802			N/A
3/25/2019	GBPSGD	3:30:00 PM	1.7866	1.7867			N/A
3/26/2019	GBPSGD	9:30:00 AM	1.7842	1.784			N/A
3/26/2019	GBPSGD	11:30:00 AM					N/A
3/26/2019	GBPSGD	1:30:00 PM	1.7876	1.7877			N/A

3/26/2019	GBPSGD	3:30:00 PM	1.7873	1.7878			N/A
3/27/2019	GBPSGD	9:30:00 AM	1.7836	1.7836			N/A
3/27/2019	GBPSGD	11:30:00 AM	1.7871	1.7878			N/A
3/27/2019	GBPSGD	1:30:00 PM	1.7891	1.7894			N/A
3/27/2019	GBPSGD	3:30:00 PM	1.7925	1.7926			N/A
3/28/2019	GBPSGD	9:30:00 AM	1.7853	1.7852			N/A
3/28/2019	GBPSGD	11:30:00 AM					N/A
3/28/2019	GBPSGD	1:30:00 PM	1.7788	1.7785			N/A
3/28/2019	GBPSGD	3:30:00 PM	1.7787	1.779			N/A
3/29/2019	GBPSGD	9:30:00 AM	1.7716	1.7715			N/A
3/29/2019	GBPSGD	11:30:00 AM	1.7663	1.7659			N/A
3/29/2019	GBPSGD	1:30:00 PM	1.7738	1.7738			N/A
3/29/2019	GBPSGD	3:30:00 PM	1.7717	1.7722			N/A
1/1/2019	GBPUSD	9:30:00 AM					N/A
1/1/2019	GBPUSD	11:30:00 AM					N/A
1/1/2019	GBPUSD	1:30:00 PM					N/A
1/1/2019	GBPUSD	3:30:00 PM					N/A
1/2/2019	GBPUSD	9:30:00 AM					N/A
1/2/2019	GBPUSD	11:30:00 AM					N/A
1/2/2019	GBPUSD	1:30:00 PM					N/A
1/2/2019	GBPUSD	3:30:00 PM			1	1	N/A
1/3/2019	GBPUSD	9:30:00 AM					N/A
1/3/2019	GBPUSD	11:30:00 AM					N/A
1/3/2019	GBPUSD	1:30:00 PM					N/A
1/3/2019	GBPUSD	3:30:00 PM					N/A
1/4/2019	GBPUSD	9:30:00 AM					N/A
1/4/2019	GBPUSD	11:30:00 AM					N/A
1/4/2019	GBPUSD	1:30:00 PM					N/A
1/4/2019	GBPUSD	3:30:00 PM				4	N/A
1/7/2019	GBPUSD	9:30:00 AM	1.2743	1.27428			N/A
1/7/2019	GBPUSD	11:30:00 AM					N/A
1/7/2019	GBPUSD	1:30:00 PM	1.27361	1.27371			N/A
1/7/2019	GBPUSD	3:30:00 PM	1.27632	1.27624			N/A
1/8/2019	GBPUSD	9:30:00 AM	1.27762	1.27761			N/A
1/8/2019	GBPUSD	11:30:00 AM	1.27819	1.2782			N/A
1/8/2019	GBPUSD	1:30:00 PM	1.27542	1.27526			N/A
1/8/2019	GBPUSD	3:30:00 PM	1.27441	1.2744			N/A
1/9/2019	GBPUSD	9:30:00 AM	1.27442	1.27434			N/A
1/9/2019	GBPUSD	11:30:00 AM					N/A
1/9/2019	GBPUSD	1:30:00 PM	1.27222	1.27219			N/A
1/9/2019	GBPUSD	3:30:00 PM	1.27347	1.27302			N/A
1/10/2019	GBPUSD	9:30:00 AM	1.27706	1.27685			N/A
1/10/2019	GBPUSD	11:30:00 AM	1.27644	1.27609			N/A
1/10/2019	GBPUSD	1:30:00 PM	1.27448	1.27435			N/A
1/10/2019	GBPUSD	3:30:00 PM	1.27671	1.27655			N/A
1/11/2019	GBPUSD	9:30:00 AM	1.27551	1.27553			N/A
1/11/2019	GBPUSD	11:30:00 AM					N/A
1/11/2019	GBPUSD	1:30:00 PM	1.27929	1.27885			N/A
1/11/2019	GBPUSD	3:30:00 PM	1.2821	1.2813			N/A
1/14/2019	GBPUSD	9:30:00 AM	1.28334	1.28324			N/A

1/14/2019	GBPUSD	11:30:00 AM	1.28337	1.28275			N/A
1/14/2019	GBPUSD	1:30:00 PM	1.2854	1.28508			N/A
1/14/2019	GBPUSD	3:30:00 PM	1.28531	1.28533			N/A
1/15/2019	GBPUSD	9:30:00 AM	1.28975	1.28926			N/A
1/15/2019	GBPUSD	11:30:00 AM					N/A
1/15/2019	GBPUSD	1:30:00 PM	1.28537	1.28519			N/A
1/15/2019	GBPUSD	3:30:00 PM	1.28469	1.28438			N/A
1/16/2019	GBPUSD	9:30:00 AM	1.28629	1.2858			N/A
1/16/2019	GBPUSD	11:30:00 AM	1.28923	1.28834			N/A
1/16/2019	GBPUSD	1:30:00 PM	1.28636	1.2863			N/A
1/16/2019	GBPUSD	3:30:00 PM	1.28582	1.28532		1	N/A
1/17/2019	GBPUSD	9:30:00 AM	1.28637	1.2861			N/A
1/17/2019	GBPUSD	11:30:00 AM					N/A
1/17/2019	GBPUSD	1:30:00 PM	1.29062	1.28902	400	400	N/A
1/17/2019	GBPUSD	3:30:00 PM	1.29056	1.28974			N/A
1/18/2019	GBPUSD	9:30:00 AM	1.29657	1.29632			N/A
1/18/2019	GBPUSD	11:30:00 AM	1.29431	1.29318			N/A
1/18/2019	GBPUSD	1:30:00 PM	1.29534	1.29468			N/A
1/18/2019	GBPUSD	3:30:00 PM	1.29391	1.29355			N/A
1/21/2019	GBPUSD	9:30:00 AM	1.28772	1.28772			N/A
1/21/2019	GBPUSD	11:30:00 AM					N/A
1/21/2019	GBPUSD	1:30:00 PM	1.28698	1.28679			N/A
1/21/2019	GBPUSD	3:30:00 PM	1.2869	1.28687			N/A
1/22/2019	GBPUSD	9:30:00 AM	1.28649	1.28613			N/A
1/22/2019	GBPUSD	11:30:00 AM	1.29059	1.29014			N/A
1/22/2019	GBPUSD	1:30:00 PM	1.29114	1.29108			N/A
1/22/2019	GBPUSD	3:30:00 PM	1.2911	1.29095			N/A
1/23/2019	GBPUSD	9:30:00 AM	1.29654	1.29643			N/A
1/23/2019	GBPUSD	11:30:00 AM					N/A
1/23/2019	GBPUSD	1:30:00 PM	1.30276	1.30242			N/A
1/23/2019	GBPUSD	3:30:00 PM	1.30366	1.30336			N/A
1/24/2019	GBPUSD	9:30:00 AM	1.30585	1.30575			N/A
1/24/2019	GBPUSD	11:30:00 AM	1.30424	1.30408			N/A
1/24/2019	GBPUSD	1:30:00 PM	1.30264	1.30231			N/A
1/24/2019	GBPUSD	3:30:00 PM	1.30387	1.30316			N/A
1/25/2019	GBPUSD	9:30:00 AM	1.31095	1.3106			N/A
1/25/2019	GBPUSD	11:30:00 AM					N/A
1/25/2019	GBPUSD	1:30:00 PM	1.30952	1.30931			N/A
1/25/2019	GBPUSD	3:30:00 PM	1.30861	1.30851			N/A
1/28/2019	GBPUSD	9:30:00 AM	1.31804	1.31798			N/A
1/28/2019	GBPUSD	11:30:00 AM	1.31562	1.31565			N/A
1/28/2019	GBPUSD	1:30:00 PM	1.3176	1.31751			N/A
1/28/2019	GBPUSD	3:30:00 PM	1.31546	1.3155			N/A
1/29/2019	GBPUSD	9:30:00 AM	1.31554	1.31536			N/A
1/29/2019	GBPUSD	11:30:00 AM					N/A
1/29/2019	GBPUSD	1:30:00 PM	1.31511	1.31471			N/A
1/29/2019	GBPUSD	3:30:00 PM	1.31696	1.31655			N/A
1/30/2019	GBPUSD	9:30:00 AM	1.3085	1.30828			N/A
1/30/2019	GBPUSD	11:30:00 AM	1.31075	1.31075			N/A
1/30/2019	GBPUSD	1:30:00 PM	1.3103	1.30988			N/A

1/30/2019	GBPUSD	3:30:00 PM	1.30752	1.30749		800	N/A
1/31/2019	GBPUSD	9:30:00 AM	1.31553	1.315			N/A
1/31/2019	GBPUSD	11:30:00 AM					N/A
1/31/2019	GBPUSD	1:30:00 PM	1.3132	1.3132			N/A
1/31/2019	GBPUSD	3:30:00 PM	1.31204	1.31172			N/A
2/1/2019	GBPUSD	9:30:00 AM	1.31083	1.31072			N/A
2/1/2019	GBPUSD	11:30:00 AM	1.30921	1.30881			N/A
2/1/2019	GBPUSD	1:30:00 PM	1.30661	1.30663			N/A
2/1/2019	GBPUSD	3:30:00 PM	1.30626	1.30509			N/A
2/4/2019	GBPUSD	9:30:00 AM	1.30764	1.30753			N/A
2/4/2019	GBPUSD	11:30:00 AM					N/A
2/4/2019	GBPUSD	1:30:00 PM	1.30535	1.30534			N/A
2/4/2019	GBPUSD	3:30:00 PM	1.30569	1.30566			N/A
2/5/2019	GBPUSD	9:30:00 AM	1.30435	1.30442			N/A
2/5/2019	GBPUSD	11:30:00 AM	1.30469	1.30226	1	1	N/A
2/5/2019	GBPUSD	1:30:00 PM	1.30063	1.30057			N/A
2/5/2019	GBPUSD	3:30:00 PM	1.30012	1.29999		4	N/A
2/6/2019	GBPUSD	9:30:00 AM	1.29311	1.29279	2	2	N/A
2/6/2019	GBPUSD	11:30:00 AM					N/A
2/6/2019	GBPUSD	1:30:00 PM	1.29591	1.29571			N/A
2/6/2019	GBPUSD	3:30:00 PM	1.29582	1.29572			N/A
2/7/2019	GBPUSD	9:30:00 AM	1.29346	1.29326			N/A
2/7/2019	GBPUSD	11:30:00 AM	1.29015	1.29012			N/A
2/7/2019	GBPUSD	1:30:00 PM	1.2902	1.29014			N/A
2/7/2019	GBPUSD	3:30:00 PM	1.29314	1.29272			N/A
2/8/2019	GBPUSD	9:30:00 AM	1.29475	1.29454			N/A
2/8/2019	GBPUSD	11:30:00 AM					N/A
2/8/2019	GBPUSD	1:30:00 PM	1.2962	1.29633			N/A
2/8/2019	GBPUSD	3:30:00 PM	1.29704	1.297			N/A
2/11/2019	GBPUSD	9:30:00 AM	1.29364	1.29351			N/A
2/11/2019	GBPUSD	11:30:00 AM	1.29157	1.2901	2000	2000	N/A
2/11/2019	GBPUSD	1:30:00 PM	1.29261	1.29247			N/A
2/11/2019	GBPUSD	3:30:00 PM	1.29008	1.29006			N/A
2/12/2019	GBPUSD	9:30:00 AM	1.28701	1.28694			N/A
2/12/2019	GBPUSD	11:30:00 AM					N/A
2/12/2019	GBPUSD	1:30:00 PM	1.28555	1.28504			N/A
2/12/2019	GBPUSD	3:30:00 PM	1.28767	1.28771			N/A
2/13/2019	GBPUSD	9:30:00 AM	1.29158	1.2912			N/A
2/13/2019	GBPUSD	11:30:00 AM	1.28895	1.28834	100	100	N/A
2/13/2019	GBPUSD	1:30:00 PM	1.28869	1.28869			N/A
2/13/2019	GBPUSD	3:30:00 PM	1.29136	1.291			N/A
2/14/2019	GBPUSD	9:30:00 AM	1.28719	1.28705	500	500	N/A
2/14/2019	GBPUSD	11:30:00 AM					N/A
2/14/2019	GBPUSD	1:30:00 PM	1.28295	1.28289			N/A
2/14/2019	GBPUSD	3:30:00 PM	1.28214	1.28178			N/A
2/15/2019	GBPUSD	9:30:00 AM					N/A
2/15/2019	GBPUSD	11:30:00 AM					N/A
2/15/2019	GBPUSD	1:30:00 PM				300	N/A
2/15/2019	GBPUSD	3:30:00 PM				2000	N/A
2/18/2019	GBPUSD	9:30:00 AM	1.291	1.29085			N/A

2/18/2019	GBPUSD	11:30:00 AM					N/A
2/18/2019	GBPUSD	1:30:00 PM	1.29323	1.29304			N/A
2/18/2019	GBPUSD	3:30:00 PM	1.29214	1.29194			N/A
2/19/2019	GBPUSD	9:30:00 AM	1.29097	1.29084			N/A
2/19/2019	GBPUSD	11:30:00 AM	1.29221	1.29139			N/A
2/19/2019	GBPUSD	1:30:00 PM	1.29127	1.29138			N/A
2/19/2019	GBPUSD	3:30:00 PM	1.29475	1.29456			N/A
2/20/2019	GBPUSD	9:30:00 AM	1.30496	1.30481			N/A
2/20/2019	GBPUSD	11:30:00 AM					N/A
2/20/2019	GBPUSD	1:30:00 PM	1.30245	1.30215			N/A
2/20/2019	GBPUSD	3:30:00 PM	1.30371	1.30336			N/A
2/21/2019	GBPUSD	9:30:00 AM	1.30329	1.30325			N/A
2/21/2019	GBPUSD	11:30:00 AM	1.30723	1.30673			N/A
2/21/2019	GBPUSD	1:30:00 PM	1.30373	1.30334			N/A
2/21/2019	GBPUSD	3:30:00 PM	1.30891	1.30745			N/A
2/22/2019	GBPUSD	9:30:00 AM	1.30453	1.30439			N/A
2/22/2019	GBPUSD	11:30:00 AM					N/A
2/22/2019	GBPUSD	1:30:00 PM	1.30179	1.30143			N/A
2/22/2019	GBPUSD	3:30:00 PM	1.29918	1.29911			N/A
2/25/2019	GBPUSD	9:30:00 AM	1.30655	1.30643			N/A
2/25/2019	GBPUSD	11:30:00 AM	1.30778	1.30756			N/A
2/25/2019	GBPUSD	1:30:00 PM	1.30754	1.30729			N/A
2/25/2019	GBPUSD	3:30:00 PM	1.30725	1.30705			N/A
2/26/2019	GBPUSD	9:30:00 AM	1.31444	1.31413			N/A
2/26/2019	GBPUSD	11:30:00 AM					N/A
2/26/2019	GBPUSD	1:30:00 PM	1.31975	1.31963			N/A
2/26/2019	GBPUSD	3:30:00 PM	1.31928	1.31885			N/A
2/27/2019	GBPUSD	9:30:00 AM	1.32547	1.32537			N/A
2/27/2019	GBPUSD	11:30:00 AM	1.32729	1.32724			N/A
2/27/2019	GBPUSD	1:30:00 PM	1.33185	1.3316			N/A
2/27/2019	GBPUSD	3:30:00 PM	1.33158	1.33159			N/A
2/28/2019	GBPUSD	9:30:00 AM	1.32963	1.32913			N/A
2/28/2019	GBPUSD	11:30:00 AM					N/A
2/28/2019	GBPUSD	1:30:00 PM	1.33176	1.3317			N/A
2/28/2019	GBPUSD	3:30:00 PM	1.32985	1.32891			N/A
3/1/2019	GBPUSD	9:30:00 AM	1.32496	1.32502			N/A
3/1/2019	GBPUSD	11:30:00 AM	1.32424	1.32349			N/A
3/1/2019	GBPUSD	1:30:00 PM	1.32455	1.32439			N/A
3/1/2019	GBPUSD	3:30:00 PM	1.32358	1.32341			N/A
3/4/2019	GBPUSD	9:30:00 AM	1.32426	1.324			N/A
3/4/2019	GBPUSD	11:30:00 AM					N/A
3/4/2019	GBPUSD	1:30:00 PM	1.32049	1.32004			N/A
3/4/2019	GBPUSD	3:30:00 PM	1.32226	1.32217			N/A
3/5/2019	GBPUSD	9:30:00 AM	1.31548	1.31545			N/A
3/5/2019	GBPUSD	11:30:00 AM	1.31884	1.31784			N/A
3/5/2019	GBPUSD	1:30:00 PM	1.31588	1.3158			N/A
3/5/2019	GBPUSD	3:30:00 PM	1.31045	1.31017		3	N/A
3/6/2019	GBPUSD	9:30:00 AM	1.31317	1.31293			N/A
3/6/2019	GBPUSD	11:30:00 AM					N/A
3/6/2019	GBPUSD	1:30:00 PM	1.31474	1.3145			N/A

3/6/2019	GBPUSD	3:30:00 PM	1.31479	1.31437			N/A
3/7/2019	GBPUSD	9:30:00 AM	1.31755	1.31741			N/A
3/7/2019	GBPUSD	11:30:00 AM	1.31688	1.31621			N/A
3/7/2019	GBPUSD	1:30:00 PM	1.31429	1.31428			N/A
3/7/2019	GBPUSD	3:30:00 PM	1.31279	1.31242	100	100	N/A
3/8/2019	GBPUSD	9:30:00 AM	1.30846	1.30852			N/A
3/8/2019	GBPUSD	11:30:00 AM					N/A
3/8/2019	GBPUSD	1:30:00 PM	1.30841	1.30838			N/A
3/8/2019	GBPUSD	3:30:00 PM	1.30901	1.30735			N/A
3/11/2019	GBPUSD	9:30:00 AM	1.29972	1.29945			N/A
3/11/2019	GBPUSD	11:30:00 AM	1.29737	1.29721			N/A
3/11/2019	GBPUSD	1:30:00 PM	1.30108	1.30084		1	N/A
3/11/2019	GBPUSD	3:30:00 PM	1.30575	1.30555			N/A
3/12/2019	GBPUSD	9:30:00 AM	1.32238	1.32096			N/A
3/12/2019	GBPUSD	11:30:00 AM					N/A
3/12/2019	GBPUSD	1:30:00 PM	1.30194	1.30108		100	N/A
3/12/2019	GBPUSD	3:30:00 PM	1.31135	1.30967			N/A
3/13/2019	GBPUSD	9:30:00 AM	1.31136	1.3107			N/A
3/13/2019	GBPUSD	11:30:00 AM	1.31379	1.31339			N/A
3/13/2019	GBPUSD	1:30:00 PM	1.31585	1.31565			N/A
3/13/2019	GBPUSD	3:30:00 PM	1.31744	1.31719			N/A
3/14/2019	GBPUSD	9:30:00 AM	1.32871	1.32781			N/A
3/14/2019	GBPUSD	11:30:00 AM					N/A
3/14/2019	GBPUSD	1:30:00 PM	1.32199	1.32166		100	N/A
3/14/2019	GBPUSD	3:30:00 PM	1.32621	1.32621			N/A
3/15/2019	GBPUSD	9:30:00 AM	1.32527	1.32531			N/A
3/15/2019	GBPUSD	11:30:00 AM	1.32389	1.32373			N/A
3/15/2019	GBPUSD	1:30:00 PM	1.32588	1.32582			N/A
3/15/2019	GBPUSD	3:30:00 PM	1.32584	1.3254			N/A
3/18/2019	GBPUSD	9:30:00 AM	1.32835	1.32836			N/A
3/18/2019	GBPUSD	11:30:00 AM					N/A
3/18/2019	GBPUSD	1:30:00 PM	1.32711	1.32677			N/A
3/18/2019	GBPUSD	3:30:00 PM	1.32437	1.32436			N/A
3/19/2019	GBPUSD	9:30:00 AM	1.32701	1.32698			N/A
3/19/2019	GBPUSD	11:30:00 AM	1.32676	1.32665			N/A
3/19/2019	GBPUSD	1:30:00 PM	1.32844	1.32786			N/A
3/19/2019	GBPUSD	3:30:00 PM	1.32644	1.32577			N/A
3/20/2019	GBPUSD	9:30:00 AM	1.3247	1.32465			N/A
3/20/2019	GBPUSD	11:30:00 AM					N/A
3/20/2019	GBPUSD	1:30:00 PM	1.32268	1.3222	100	100	N/A
3/20/2019	GBPUSD	3:30:00 PM	1.31882	1.31756	100	1	N/A
3/21/2019	GBPUSD	9:30:00 AM	1.32154	1.32081			N/A
3/21/2019	GBPUSD	11:30:00 AM	1.31736	1.31654			N/A
3/21/2019	GBPUSD	1:30:00 PM	1.31176	1.31107			N/A
3/21/2019	GBPUSD	3:30:00 PM	1.31402	1.31371			N/A
3/22/2019	GBPUSD	9:30:00 AM	1.31374	1.31347			N/A
3/22/2019	GBPUSD	11:30:00 AM					N/A
3/22/2019	GBPUSD	1:30:00 PM	1.31534	1.31507			N/A
3/22/2019	GBPUSD	3:30:00 PM	1.31734	1.31663			N/A
3/25/2019	GBPUSD	9:30:00 AM	1.31755	1.31713			N/A

3/25/2019	GBPUSD	11:30:00 AM	1.31906	1.31895			N/A
3/25/2019	GBPUSD	1:30:00 PM	1.31759	1.31743			N/A
3/25/2019	GBPUSD	3:30:00 PM	1.32347	1.32308	200	200	N/A
3/26/2019	GBPUSD	9:30:00 AM	1.32184	1.32093		100	N/A
3/26/2019	GBPUSD	11:30:00 AM					N/A
3/26/2019	GBPUSD	1:30:00 PM	1.32407	1.32362			N/A
3/26/2019	GBPUSD	3:30:00 PM	1.32318	1.32301			N/A
3/27/2019	GBPUSD	9:30:00 AM	1.31733	1.31676	2	2	N/A
3/27/2019	GBPUSD	11:30:00 AM	1.32037	1.32036			N/A
3/27/2019	GBPUSD	1:30:00 PM	1.32158	1.32128		300	N/A
3/27/2019	GBPUSD	3:30:00 PM	1.32347	1.32291			N/A
3/28/2019	GBPUSD	9:30:00 AM	1.31841	1.31776	2	2	N/A
3/28/2019	GBPUSD	11:30:00 AM					N/A
3/28/2019	GBPUSD	1:30:00 PM	1.31157	1.31085			N/A
3/28/2019	GBPUSD	3:30:00 PM	1.31093	1.31078			N/A
3/29/2019	GBPUSD	9:30:00 AM	1.30844	1.30794			N/A
3/29/2019	GBPUSD	11:30:00 AM	1.30347	1.30278			N/A
3/29/2019	GBPUSD	1:30:00 PM	1.30932	1.30863			N/A
3/29/2019	GBPUSD	3:30:00 PM	1.3082	1.3081			N/A
1/1/2019	GBPZAR	9:30:00 AM					N/A
1/1/2019	GBPZAR	11:30:00 AM					N/A
1/1/2019	GBPZAR	1:30:00 PM					N/A
1/1/2019	GBPZAR	3:30:00 PM					N/A
1/2/2019	GBPZAR	9:30:00 AM					N/A
1/2/2019	GBPZAR	11:30:00 AM					N/A
1/2/2019	GBPZAR	1:30:00 PM					N/A
1/2/2019	GBPZAR	3:30:00 PM					N/A
1/3/2019	GBPZAR	9:30:00 AM					N/A
1/3/2019	GBPZAR	11:30:00 AM					N/A
1/3/2019	GBPZAR	1:30:00 PM					N/A
1/3/2019	GBPZAR	3:30:00 PM					N/A
1/4/2019	GBPZAR	9:30:00 AM					N/A
1/4/2019	GBPZAR	11:30:00 AM					N/A
1/4/2019	GBPZAR	1:30:00 PM					N/A
1/4/2019	GBPZAR	3:30:00 PM					N/A
1/7/2019	GBPZAR	9:30:00 AM	17.7652	17.7868			N/A
1/7/2019	GBPZAR	11:30:00 AM					N/A
1/7/2019	GBPZAR	1:30:00 PM	17.7243	17.7545			N/A
1/7/2019	GBPZAR	3:30:00 PM	17.6691	17.671			N/A
1/8/2019	GBPZAR	9:30:00 AM	17.8392	17.8527			N/A
1/8/2019	GBPZAR	11:30:00 AM	17.8158	17.8379			N/A
1/8/2019	GBPZAR	1:30:00 PM	17.8439	17.8591			N/A
1/8/2019	GBPZAR	3:30:00 PM	17.8192	17.8486			N/A
1/9/2019	GBPZAR	9:30:00 AM	17.6586	17.686			N/A
1/9/2019	GBPZAR	11:30:00 AM					N/A
1/9/2019	GBPZAR	1:30:00 PM	17.8111	17.8322			N/A
1/9/2019	GBPZAR	3:30:00 PM	17.7712	17.7834			N/A
1/10/2019	GBPZAR	9:30:00 AM	17.7098	17.7338			N/A
1/10/2019	GBPZAR	11:30:00 AM	17.7771	17.8011			N/A
1/10/2019	GBPZAR	1:30:00 PM	17.6717	17.6902			N/A

1/10/2019	GBPZAR	3:30:00 PM	17.6774	17.6871			N/A
1/11/2019	GBPZAR	9:30:00 AM	17.6302	17.6563			N/A
1/11/2019	GBPZAR	11:30:00 AM					N/A
1/11/2019	GBPZAR	1:30:00 PM	17.6723	17.6893			N/A
1/11/2019	GBPZAR	3:30:00 PM	17.7247	17.7405			N/A
1/14/2019	GBPZAR	9:30:00 AM	17.8862	17.8984			N/A
1/14/2019	GBPZAR	11:30:00 AM	17.8398	17.8631			N/A
1/14/2019	GBPZAR	1:30:00 PM	17.8683	17.8902			N/A
1/14/2019	GBPZAR	3:30:00 PM	17.8196	17.8464			N/A
1/15/2019	GBPZAR	9:30:00 AM	17.7762	17.7958			N/A
1/15/2019	GBPZAR	11:30:00 AM					N/A
1/15/2019	GBPZAR	1:30:00 PM	17.7366	17.758			N/A
1/15/2019	GBPZAR	3:30:00 PM	17.7292	17.7414			N/A
1/16/2019	GBPZAR	9:30:00 AM	17.6339	17.6535			N/A
1/16/2019	GBPZAR	11:30:00 AM	17.6124	17.6228			N/A
1/16/2019	GBPZAR	1:30:00 PM	17.6215	17.6479			N/A
1/16/2019	GBPZAR	3:30:00 PM	17.63	17.648			N/A
1/17/2019	GBPZAR	9:30:00 AM	17.6652	17.6795			N/A
1/17/2019	GBPZAR	11:30:00 AM					N/A
1/17/2019	GBPZAR	1:30:00 PM	17.6867	17.6956			N/A
1/17/2019	GBPZAR	3:30:00 PM	17.77	17.7906			N/A
1/18/2019	GBPZAR	9:30:00 AM	17.8032	17.8231			N/A
1/18/2019	GBPZAR	11:30:00 AM	17.8519	17.8653			N/A
1/18/2019	GBPZAR	1:30:00 PM	17.8766	17.8972			N/A
1/18/2019	GBPZAR	3:30:00 PM	17.8114	17.8313			N/A
1/21/2019	GBPZAR	9:30:00 AM	17.8292	17.8574			N/A
1/21/2019	GBPZAR	11:30:00 AM					N/A
1/21/2019	GBPZAR	1:30:00 PM	17.828	17.8539			N/A
1/21/2019	GBPZAR	3:30:00 PM	17.8299	17.851			N/A
1/22/2019	GBPZAR	9:30:00 AM	17.879	17.9005			N/A
1/22/2019	GBPZAR	11:30:00 AM	17.94	17.9624			N/A
1/22/2019	GBPZAR	1:30:00 PM	17.9719	17.9955			N/A
1/22/2019	GBPZAR	3:30:00 PM	17.9143	17.9396			N/A
1/23/2019	GBPZAR	9:30:00 AM	18.0441	18.0679			N/A
1/23/2019	GBPZAR	11:30:00 AM					N/A
1/23/2019	GBPZAR	1:30:00 PM	18.0355	18.0619			N/A
1/23/2019	GBPZAR	3:30:00 PM	18.0741	18.0948			N/A
1/24/2019	GBPZAR	9:30:00 AM	18.0375	18.0638			N/A
1/24/2019	GBPZAR	11:30:00 AM	17.9931	18.0187			N/A
1/24/2019	GBPZAR	1:30:00 PM	18.0004	18.0236			N/A
1/24/2019	GBPZAR	3:30:00 PM	17.9859	18.0026			N/A
1/25/2019	GBPZAR	9:30:00 AM	17.9153	17.9317			N/A
1/25/2019	GBPZAR	11:30:00 AM					N/A
1/25/2019	GBPZAR	1:30:00 PM	17.9256	17.9503			N/A
1/25/2019	GBPZAR	3:30:00 PM	17.8455	17.868			N/A
1/28/2019	GBPZAR	9:30:00 AM	17.9468	17.9545			N/A
1/28/2019	GBPZAR	11:30:00 AM	17.9199	17.9473			N/A
1/28/2019	GBPZAR	1:30:00 PM	17.951	17.9719			N/A
1/28/2019	GBPZAR	3:30:00 PM	17.9671	17.9861			N/A
1/29/2019	GBPZAR	9:30:00 AM	17.9881	18.0045			N/A

1/29/2019	GBPZAR	11:30:00 AM					N/A
1/29/2019	GBPZAR	1:30:00 PM	17.9406	17.9643			N/A
1/29/2019	GBPZAR	3:30:00 PM	17.9253	17.9495			N/A
1/30/2019	GBPZAR	9:30:00 AM	17.7732	17.7927			N/A
1/30/2019	GBPZAR	11:30:00 AM	17.8077	17.8282			N/A
1/30/2019	GBPZAR	1:30:00 PM	17.8051	17.8324			N/A
1/30/2019	GBPZAR	3:30:00 PM	17.8028	17.8203			N/A
1/31/2019	GBPZAR	9:30:00 AM	17.5527	17.5716			N/A
1/31/2019	GBPZAR	11:30:00 AM					N/A
1/31/2019	GBPZAR	1:30:00 PM	17.4853	17.5032			N/A
1/31/2019	GBPZAR	3:30:00 PM	17.3909	17.4065			N/A
2/1/2019	GBPZAR	9:30:00 AM	17.468	17.4954			N/A
2/1/2019	GBPZAR	11:30:00 AM	17.3913	17.4023			N/A
2/1/2019	GBPZAR	1:30:00 PM	17.3323	17.3573			N/A
2/1/2019	GBPZAR	3:30:00 PM	17.41	17.3836			N/A
2/4/2019	GBPZAR	9:30:00 AM	17.4589	17.4817			N/A
2/4/2019	GBPZAR	11:30:00 AM					N/A
2/4/2019	GBPZAR	1:30:00 PM	17.4419	17.4699			N/A
2/4/2019	GBPZAR	3:30:00 PM	17.4886	17.511			N/A
2/5/2019	GBPZAR	9:30:00 AM	17.4722	17.4969			N/A
2/5/2019	GBPZAR	11:30:00 AM	17.4201	17.4244			N/A
2/5/2019	GBPZAR	1:30:00 PM	17.3933	17.4184			N/A
2/5/2019	GBPZAR	3:30:00 PM	17.3703	17.3861			N/A
2/6/2019	GBPZAR	9:30:00 AM	17.3861	17.4104			N/A
2/6/2019	GBPZAR	11:30:00 AM					N/A
2/6/2019	GBPZAR	1:30:00 PM	17.4488	17.476			N/A
2/6/2019	GBPZAR	3:30:00 PM	17.4443	17.4719			N/A
2/7/2019	GBPZAR	9:30:00 AM	17.5409	17.5636			N/A
2/7/2019	GBPZAR	11:30:00 AM	17.5159	17.5432			N/A
2/7/2019	GBPZAR	1:30:00 PM	17.5639	17.5906			N/A
2/7/2019	GBPZAR	3:30:00 PM	17.5969	17.6112			N/A
2/8/2019	GBPZAR	9:30:00 AM	17.6963	17.7232			N/A
2/8/2019	GBPZAR	11:30:00 AM					N/A
2/8/2019	GBPZAR	1:30:00 PM	17.649	17.6795			N/A
2/8/2019	GBPZAR	3:30:00 PM	17.6361	17.653			N/A
2/11/2019	GBPZAR	9:30:00 AM	17.5824	17.6098			N/A
2/11/2019	GBPZAR	11:30:00 AM	17.6	17.6113			N/A
2/11/2019	GBPZAR	1:30:00 PM	17.7394	17.7583			N/A
2/11/2019	GBPZAR	3:30:00 PM	17.7198	17.7389			N/A
2/12/2019	GBPZAR	9:30:00 AM	17.7086	17.7332			N/A
2/12/2019	GBPZAR	11:30:00 AM					N/A
2/12/2019	GBPZAR	1:30:00 PM	17.7057	17.7327			N/A
2/12/2019	GBPZAR	3:30:00 PM	17.7043	17.7334			N/A
2/13/2019	GBPZAR	9:30:00 AM	17.733	17.7573			N/A
2/13/2019	GBPZAR	11:30:00 AM	17.7756	17.7933			N/A
2/13/2019	GBPZAR	1:30:00 PM	17.8879	17.9084			N/A
2/13/2019	GBPZAR	3:30:00 PM	17.9186	17.9328			N/A
2/14/2019	GBPZAR	9:30:00 AM	17.9719	17.9943			N/A
2/14/2019	GBPZAR	11:30:00 AM					N/A
2/14/2019	GBPZAR	1:30:00 PM	18.0758	18.1034			N/A

2/14/2019	GBPZAR	3:30:00 PM	18.1493	18.1623			N/A
2/15/2019	GBPZAR	9:30:00 AM					N/A
2/15/2019	GBPZAR	11:30:00 AM					N/A
2/15/2019	GBPZAR	1:30:00 PM					N/A
2/15/2019	GBPZAR	3:30:00 PM					N/A
2/18/2019	GBPZAR	9:30:00 AM	18.1288	18.1483			N/A
2/18/2019	GBPZAR	11:30:00 AM					N/A
2/18/2019	GBPZAR	1:30:00 PM	18.1854	18.2127			N/A
2/18/2019	GBPZAR	3:30:00 PM	18.21	18.2363			N/A
2/19/2019	GBPZAR	9:30:00 AM	18.2375	18.2641			N/A
2/19/2019	GBPZAR	11:30:00 AM	18.3255	18.347			N/A
2/19/2019	GBPZAR	1:30:00 PM	18.2962	18.3236			N/A
2/19/2019	GBPZAR	3:30:00 PM	18.3332	18.3598			N/A
2/20/2019	GBPZAR	9:30:00 AM	18.38	18.405			N/A
2/20/2019	GBPZAR	11:30:00 AM					N/A
2/20/2019	GBPZAR	1:30:00 PM	18.4081	18.4247			N/A
2/20/2019	GBPZAR	3:30:00 PM	18.3966	18.4099			N/A
2/21/2019	GBPZAR	9:30:00 AM	18.1843	18.1997			N/A
2/21/2019	GBPZAR	11:30:00 AM	18.2043	18.2227			N/A
2/21/2019	GBPZAR	1:30:00 PM	18.1297	18.141			N/A
2/21/2019	GBPZAR	3:30:00 PM	18.2614	18.2765			N/A
2/22/2019	GBPZAR	9:30:00 AM	18.2	18.2276			N/A
2/22/2019	GBPZAR	11:30:00 AM					N/A
2/22/2019	GBPZAR	1:30:00 PM	18.2101	18.2358			N/A
2/22/2019	GBPZAR	3:30:00 PM	18.1617	18.1847			N/A
2/25/2019	GBPZAR	9:30:00 AM	18.1633	18.1917			N/A
2/25/2019	GBPZAR	11:30:00 AM	18.1336	18.1573			N/A
2/25/2019	GBPZAR	1:30:00 PM	18.1009	18.1241			N/A
2/25/2019	GBPZAR	3:30:00 PM	18.1317	18.1605			N/A
2/26/2019	GBPZAR	9:30:00 AM	18.2015	18.2241			N/A
2/26/2019	GBPZAR	11:30:00 AM					N/A
2/26/2019	GBPZAR	1:30:00 PM	18.2844	18.3083			N/A
2/26/2019	GBPZAR	3:30:00 PM	18.2738	18.2939			N/A
2/27/2019	GBPZAR	9:30:00 AM	18.3625	18.3746			N/A
2/27/2019	GBPZAR	11:30:00 AM	18.3733	18.3958			N/A
2/27/2019	GBPZAR	1:30:00 PM	18.4432	18.4676			N/A
2/27/2019	GBPZAR	3:30:00 PM	18.454	18.4831			N/A
2/28/2019	GBPZAR	9:30:00 AM	18.5436	18.5667			N/A
2/28/2019	GBPZAR	11:30:00 AM					N/A
2/28/2019	GBPZAR	1:30:00 PM	18.5627	18.5917			N/A
2/28/2019	GBPZAR	3:30:00 PM	18.5642	18.5768			N/A
3/1/2019	GBPZAR	9:30:00 AM	18.6522	18.6814			N/A
3/1/2019	GBPZAR	11:30:00 AM	18.7052	18.7174			N/A
3/1/2019	GBPZAR	1:30:00 PM	18.6668	18.6916			N/A
3/1/2019	GBPZAR	3:30:00 PM	18.755	18.7616			N/A
3/4/2019	GBPZAR	9:30:00 AM	18.7395	18.7621			N/A
3/4/2019	GBPZAR	11:30:00 AM					N/A
3/4/2019	GBPZAR	1:30:00 PM	18.7921	18.8161			N/A
3/4/2019	GBPZAR	3:30:00 PM	18.7764	18.7917			N/A
3/5/2019	GBPZAR	9:30:00 AM	18.6809	18.7039			N/A

3/5/2019	GBPZAR	11:30:00 AM	18.6633	18.6577			N/A
3/5/2019	GBPZAR	1:30:00 PM	18.5951	18.6183			N/A
3/5/2019	GBPZAR	3:30:00 PM	18.5598	18.5849			N/A
3/6/2019	GBPZAR	9:30:00 AM	18.6615	18.6866			N/A
3/6/2019	GBPZAR	11:30:00 AM					N/A
3/6/2019	GBPZAR	1:30:00 PM	18.6639	18.6901			N/A
3/6/2019	GBPZAR	3:30:00 PM	18.6646	18.6914			N/A
3/7/2019	GBPZAR	9:30:00 AM	18.7458	18.7741			N/A
3/7/2019	GBPZAR	11:30:00 AM	18.8301	18.844			N/A
3/7/2019	GBPZAR	1:30:00 PM	18.8293	18.8501			N/A
3/7/2019	GBPZAR	3:30:00 PM	18.8106	18.8296			N/A
3/8/2019	GBPZAR	9:30:00 AM	19.0543	19.0709			N/A
3/8/2019	GBPZAR	11:30:00 AM					N/A
3/8/2019	GBPZAR	1:30:00 PM	19.009	19.0139			N/A
3/8/2019	GBPZAR	3:30:00 PM	18.9973	18.9845			N/A
3/11/2019	GBPZAR	9:30:00 AM	18.7301	18.7527			N/A
3/11/2019	GBPZAR	11:30:00 AM	18.6328	18.6544			N/A
3/11/2019	GBPZAR	1:30:00 PM	18.7086	18.734			N/A
3/11/2019	GBPZAR	3:30:00 PM	18.7312	18.7515			N/A
3/12/2019	GBPZAR	9:30:00 AM	18.9119	18.9139			N/A
3/12/2019	GBPZAR	11:30:00 AM					N/A
3/12/2019	GBPZAR	1:30:00 PM	18.5869	18.6064			N/A
3/12/2019	GBPZAR	3:30:00 PM	18.7169	18.7125			N/A
3/13/2019	GBPZAR	9:30:00 AM	18.8206	18.8418			N/A
3/13/2019	GBPZAR	11:30:00 AM	18.8305	18.8444			N/A
3/13/2019	GBPZAR	1:30:00 PM	18.8571	18.8825			N/A
3/13/2019	GBPZAR	3:30:00 PM	18.8667	18.8929			N/A
3/14/2019	GBPZAR	9:30:00 AM	19.1762	19.1928			N/A
3/14/2019	GBPZAR	11:30:00 AM					N/A
3/14/2019	GBPZAR	1:30:00 PM	19.0962	19.1133			N/A
3/14/2019	GBPZAR	3:30:00 PM	19.2033	19.2281			N/A
3/15/2019	GBPZAR	9:30:00 AM	19.153	19.1791			N/A
3/15/2019	GBPZAR	11:30:00 AM	19.1183	19.1439			N/A
3/15/2019	GBPZAR	1:30:00 PM	19.1416	19.1572			N/A
3/15/2019	GBPZAR	3:30:00 PM	19.1195	19.1387			N/A
3/18/2019	GBPZAR	9:30:00 AM	19.1516	19.1721			N/A
3/18/2019	GBPZAR	11:30:00 AM					N/A
3/18/2019	GBPZAR	1:30:00 PM	19.1104	19.1361			N/A
3/18/2019	GBPZAR	3:30:00 PM	19.0526	19.0804			N/A
3/19/2019	GBPZAR	9:30:00 AM	19.1694	19.1942			N/A
3/19/2019	GBPZAR	11:30:00 AM	19.0688	19.0949			N/A
3/19/2019	GBPZAR	1:30:00 PM	19.0936	19.1141			N/A
3/19/2019	GBPZAR	3:30:00 PM	19.1279	19.1446			N/A
3/20/2019	GBPZAR	9:30:00 AM	19.1761	19.2035			N/A
3/20/2019	GBPZAR	11:30:00 AM					N/A
3/20/2019	GBPZAR	1:30:00 PM	19.1289	19.152			N/A
3/20/2019	GBPZAR	3:30:00 PM	18.9919	18.9974			N/A
3/21/2019	GBPZAR	9:30:00 AM	18.7018	18.7118			N/A
3/21/2019	GBPZAR	11:30:00 AM	18.6802	18.6951			N/A
3/21/2019	GBPZAR	1:30:00 PM	18.6424	18.6602			N/A

3/21/2019	GBPZAR	3:30:00 PM	18.6352	18.657			N/A
3/22/2019	GBPZAR	9:30:00 AM	18.6658	18.6861			N/A
3/22/2019	GBPZAR	11:30:00 AM					N/A
3/22/2019	GBPZAR	1:30:00 PM	18.9019	18.9232			N/A
3/22/2019	GBPZAR	3:30:00 PM	18.9392	18.9554			N/A
3/25/2019	GBPZAR	9:30:00 AM	19.094	19.0906			N/A
3/25/2019	GBPZAR	11:30:00 AM	19.0124	19.0376			N/A
3/25/2019	GBPZAR	1:30:00 PM	19.0455	19.0526			N/A
3/25/2019	GBPZAR	3:30:00 PM	19.0591	19.0721			N/A
3/26/2019	GBPZAR	9:30:00 AM	18.9587	18.9657			N/A
3/26/2019	GBPZAR	11:30:00 AM					N/A
3/26/2019	GBPZAR	1:30:00 PM	19.0069	19.0325			N/A
3/26/2019	GBPZAR	3:30:00 PM	19.0332	19.0535			N/A
3/27/2019	GBPZAR	9:30:00 AM	19.0786	19.0984			N/A
3/27/2019	GBPZAR	11:30:00 AM	19.0939	19.1191			N/A
3/27/2019	GBPZAR	1:30:00 PM	19.3202	19.3244			N/A
3/27/2019	GBPZAR	3:30:00 PM	19.3082	19.3261			N/A
3/28/2019	GBPZAR	9:30:00 AM	19.232	19.2517			N/A
3/28/2019	GBPZAR	11:30:00 AM					N/A
3/28/2019	GBPZAR	1:30:00 PM	19.2968	19.2994			N/A
3/28/2019	GBPZAR	3:30:00 PM	19.2378	19.2534			N/A
3/29/2019	GBPZAR	9:30:00 AM	19.0505	19.0664			N/A
3/29/2019	GBPZAR	11:30:00 AM	18.9555	18.9726			N/A
3/29/2019	GBPZAR	1:30:00 PM	18.9685	18.9871			N/A
3/29/2019	GBPZAR	3:30:00 PM	18.9332	18.9564			N/A
1/1/2019	GOLD	9:30:00 AM					N/A
1/1/2019	GOLD	11:30:00 AM					N/A
1/1/2019	GOLD	1:30:00 PM					N/A
1/1/2019	GOLD	3:30:00 PM					N/A
1/2/2019	GOLD	9:30:00 AM					N/A
1/2/2019	GOLD	11:30:00 AM					N/A
1/2/2019	GOLD	1:30:00 PM					N/A
1/2/2019	GOLD	3:30:00 PM					N/A
1/3/2019	GOLD	9:30:00 AM					N/A
1/3/2019	GOLD	11:30:00 AM					N/A
1/3/2019	GOLD	1:30:00 PM					N/A
1/3/2019	GOLD	3:30:00 PM					N/A
1/4/2019	GOLD	9:30:00 AM					N/A
1/4/2019	GOLD	11:30:00 AM					N/A
1/4/2019	GOLD	1:30:00 PM					N/A
1/4/2019	GOLD	3:30:00 PM					N/A
1/7/2019	GOLD	9:30:00 AM	1290.02	1290.21			N/A
1/7/2019	GOLD	11:30:00 AM					N/A
1/7/2019	GOLD	1:30:00 PM	1291.14	1291.32			N/A
1/7/2019	GOLD	3:30:00 PM	1294	1294.19			N/A
1/8/2019	GOLD	9:30:00 AM	1282.14	1282.46			N/A
1/8/2019	GOLD	11:30:00 AM	1283.71	1284			N/A
1/8/2019	GOLD	1:30:00 PM	1283.2	1283.57			N/A
1/8/2019	GOLD	3:30:00 PM	1281.22	1280.98			N/A
1/9/2019	GOLD	9:30:00 AM	1282.44	1282.64			N/A

1/9/2019	GOLD	11:30:00 AM					N/A
1/9/2019	GOLD	1:30:00 PM	1280.71	1280.77			N/A
1/9/2019	GOLD	3:30:00 PM	1284.34	1284.55			N/A
1/10/2019	GOLD	9:30:00 AM	1295.69	1296.01			N/A
1/10/2019	GOLD	11:30:00 AM	1293.16	1293.13			N/A
1/10/2019	GOLD	1:30:00 PM	1293.72	1293.93			N/A
1/10/2019	GOLD	3:30:00 PM	1292.41	1292.29			N/A
1/11/2019	GOLD	9:30:00 AM	1294.34	1294.56			N/A
1/11/2019	GOLD	11:30:00 AM					N/A
1/11/2019	GOLD	1:30:00 PM	1292.34	1292.24			N/A
1/11/2019	GOLD	3:30:00 PM	1293	1292.16			N/A
1/14/2019	GOLD	9:30:00 AM	1291.3	1291.29			N/A
1/14/2019	GOLD	11:30:00 AM	1293.64	1293.87			N/A
1/14/2019	GOLD	1:30:00 PM	1295.07	1295.21			N/A
1/14/2019	GOLD	3:30:00 PM	1293.77	1294.02			N/A
1/15/2019	GOLD	9:30:00 AM	1290.99	1291			N/A
1/15/2019	GOLD	11:30:00 AM					N/A
1/15/2019	GOLD	1:30:00 PM	1289.34	1289.71			N/A
1/15/2019	GOLD	3:30:00 PM	1289.39	1288.71			N/A
1/16/2019	GOLD	9:30:00 AM	1291.28	1291.39			N/A
1/16/2019	GOLD	11:30:00 AM	1290.06	1290.34			N/A
1/16/2019	GOLD	1:30:00 PM	1289.03	1289.34			N/A
1/16/2019	GOLD	3:30:00 PM	1290.6	1290.72			N/A
1/17/2019	GOLD	9:30:00 AM	1291.94	1292.11			N/A
1/17/2019	GOLD	11:30:00 AM					N/A
1/17/2019	GOLD	1:30:00 PM	1294.49	1294.83			N/A
1/17/2019	GOLD	3:30:00 PM	1293.49	1292.01			N/A
1/18/2019	GOLD	9:30:00 AM	1290.44	1290.69			N/A
1/18/2019	GOLD	11:30:00 AM	1284.67	1284.01			N/A
1/18/2019	GOLD	1:30:00 PM	1285.42	1285.78			N/A
1/18/2019	GOLD	3:30:00 PM	1282.23	1281.57			N/A
1/21/2019	GOLD	9:30:00 AM	1282.95	1283.27			N/A
1/21/2019	GOLD	11:30:00 AM					N/A
1/21/2019	GOLD	1:30:00 PM	1278.45	1278.75			N/A
1/21/2019	GOLD	3:30:00 PM	1277.19	1277.36			N/A
1/22/2019	GOLD	9:30:00 AM	1280.87	1280.94			N/A
1/22/2019	GOLD	11:30:00 AM	1284.14	1284.5			N/A
1/22/2019	GOLD	1:30:00 PM	1283.36	1283.69			N/A
1/22/2019	GOLD	3:30:00 PM	1282.64	1282.6			N/A
1/23/2019	GOLD	9:30:00 AM	1284.58	1284.84			N/A
1/23/2019	GOLD	11:30:00 AM					N/A
1/23/2019	GOLD	1:30:00 PM	1285.3	1285.53			N/A
1/23/2019	GOLD	3:30:00 PM	1282.17	1282.24			N/A
1/24/2019	GOLD	9:30:00 AM	1280.63	1280.96			N/A
1/24/2019	GOLD	11:30:00 AM	1279.09	1279.32			N/A
1/24/2019	GOLD	1:30:00 PM	1279.47	1279.71			N/A
1/24/2019	GOLD	3:30:00 PM	1278.28	1277.92			N/A
1/25/2019	GOLD	9:30:00 AM	1283.83	1284.07			N/A
1/25/2019	GOLD	11:30:00 AM					N/A
1/25/2019	GOLD	1:30:00 PM	1284.48	1284.79			N/A

1/25/2019	GOLD	3:30:00 PM	1285.43	1285.25			N/A
1/28/2019	GOLD	9:30:00 AM	1302.18	1302.31			N/A
1/28/2019	GOLD	11:30:00 AM	1300.52	1300.77			N/A
1/28/2019	GOLD	1:30:00 PM	1300.76	1301.09			N/A
1/28/2019	GOLD	3:30:00 PM	1299.93	1299.93			N/A
1/29/2019	GOLD	9:30:00 AM	1306.92	1307.15			N/A
1/29/2019	GOLD	11:30:00 AM					N/A
1/29/2019	GOLD	1:30:00 PM	1307.15	1307.49			N/A
1/29/2019	GOLD	3:30:00 PM	1308.64	1308.89			N/A
1/30/2019	GOLD	9:30:00 AM	1314.36	1314.67			N/A
1/30/2019	GOLD	11:30:00 AM	1313.65	1314.01			N/A
1/30/2019	GOLD	1:30:00 PM	1313.2	1313.59			N/A
1/30/2019	GOLD	3:30:00 PM	1311.18	1310.92			N/A
1/31/2019	GOLD	9:30:00 AM	1321.6	1321.75			N/A
1/31/2019	GOLD	11:30:00 AM					N/A
1/31/2019	GOLD	1:30:00 PM	1322.56	1322.92			N/A
1/31/2019	GOLD	3:30:00 PM	1324.41	1323.47			N/A
2/1/2019	GOLD	9:30:00 AM	1316.8	1317.17			N/A
2/1/2019	GOLD	11:30:00 AM	1319.09	1319.47			N/A
2/1/2019	GOLD	1:30:00 PM	1321.83	1322.09			N/A
2/1/2019	GOLD	3:30:00 PM	1321.34	1318			N/A
2/4/2019	GOLD	9:30:00 AM	1313.15	1313.46			N/A
2/4/2019	GOLD	11:30:00 AM					N/A
2/4/2019	GOLD	1:30:00 PM	1310.9	1311.18			N/A
2/4/2019	GOLD	3:30:00 PM	1311.8	1311.93			N/A
2/5/2019	GOLD	9:30:00 AM	1314.01	1314.28			N/A
2/5/2019	GOLD	11:30:00 AM	1311.18	1311.35			N/A
2/5/2019	GOLD	1:30:00 PM	1313.95	1314.26			N/A
2/5/2019	GOLD	3:30:00 PM	1316.06	1315.35			N/A
2/6/2019	GOLD	9:30:00 AM	1313.73	1313.8			N/A
2/6/2019	GOLD	11:30:00 AM					N/A
2/6/2019	GOLD	1:30:00 PM	1312.72	1313.03			N/A
2/6/2019	GOLD	3:30:00 PM	1313.67	1313.69			N/A
2/7/2019	GOLD	9:30:00 AM	1304.82	1305.24			N/A
2/7/2019	GOLD	11:30:00 AM	1305.3	1305.68			N/A
2/7/2019	GOLD	1:30:00 PM	1307.17	1307.42			N/A
2/7/2019	GOLD	3:30:00 PM	1309.39	1309.18			N/A
2/8/2019	GOLD	9:30:00 AM	1308.5	1308.7			N/A
2/8/2019	GOLD	11:30:00 AM					N/A
2/8/2019	GOLD	1:30:00 PM	1311.5	1311.87			N/A
2/8/2019	GOLD	3:30:00 PM	1314.59	1314.41			N/A
2/11/2019	GOLD	9:30:00 AM	1311.29	1311.68			N/A
2/11/2019	GOLD	11:30:00 AM	1308.32	1308.49			N/A
2/11/2019	GOLD	1:30:00 PM	1307.64	1308.01			N/A
2/11/2019	GOLD	3:30:00 PM	1306	1305.96			N/A
2/12/2019	GOLD	9:30:00 AM	1311.93	1311.9			N/A
2/12/2019	GOLD	11:30:00 AM					N/A
2/12/2019	GOLD	1:30:00 PM	1313.07	1313.32			N/A
2/12/2019	GOLD	3:30:00 PM	1312.89	1313.17			N/A
2/13/2019	GOLD	9:30:00 AM	1312.43	1312.64			N/A

2/13/2019	GOLD	11:30:00 AM	1312.33	1312.74			N/A
2/13/2019	GOLD	1:30:00 PM	1310.47	1310.74			N/A
2/13/2019	GOLD	3:30:00 PM	1309.56	1309.16			N/A
2/14/2019	GOLD	9:30:00 AM	1308.59	1308.68			N/A
2/14/2019	GOLD	11:30:00 AM					N/A
2/14/2019	GOLD	1:30:00 PM	1305.8	1306.22			N/A
2/14/2019	GOLD	3:30:00 PM	1308.22	1306.63			N/A
2/15/2019	GOLD	9:30:00 AM					N/A
2/15/2019	GOLD	11:30:00 AM					N/A
2/15/2019	GOLD	1:30:00 PM					N/A
2/15/2019	GOLD	3:30:00 PM					N/A
2/18/2019	GOLD	9:30:00 AM	1323.36	1323.6			N/A
2/18/2019	GOLD	11:30:00 AM					N/A
2/18/2019	GOLD	1:30:00 PM	1324.19	1324.55			N/A
2/18/2019	GOLD	3:30:00 PM	1325.71	1326.03			N/A
2/19/2019	GOLD	9:30:00 AM	1325.02	1325.24			N/A
2/19/2019	GOLD	11:30:00 AM	1329.36	1329.35			N/A
2/19/2019	GOLD	1:30:00 PM	1328.88	1329.12			N/A
2/19/2019	GOLD	3:30:00 PM	1332.37	1332.28			N/A
2/20/2019	GOLD	9:30:00 AM	1342.39	1342.43			N/A
2/20/2019	GOLD	11:30:00 AM					N/A
2/20/2019	GOLD	1:30:00 PM	1343.63	1343.99			N/A
2/20/2019	GOLD	3:30:00 PM	1343.56	1343.4			N/A
2/21/2019	GOLD	9:30:00 AM	1338.55	1338.76			N/A
2/21/2019	GOLD	11:30:00 AM	1333.51	1333.38			N/A
2/21/2019	GOLD	1:30:00 PM	1334.87	1335.24			N/A
2/21/2019	GOLD	3:30:00 PM	1337.08	1336.32			N/A
2/22/2019	GOLD	9:30:00 AM	1325.87	1325.79			N/A
2/22/2019	GOLD	11:30:00 AM					N/A
2/22/2019	GOLD	1:30:00 PM	1322.78	1323.12			N/A
2/22/2019	GOLD	3:30:00 PM	1326.13	1326.46			N/A
2/25/2019	GOLD	9:30:00 AM	1329.52	1329.57			N/A
2/25/2019	GOLD	11:30:00 AM	1328.11	1328.48			N/A
2/25/2019	GOLD	1:30:00 PM	1330.19	1330.37			N/A
2/25/2019	GOLD	3:30:00 PM	1328	1327.28			N/A
2/26/2019	GOLD	9:30:00 AM	1326.66	1326.84			N/A
2/26/2019	GOLD	11:30:00 AM					N/A
2/26/2019	GOLD	1:30:00 PM	1325.32	1325.53			N/A
2/26/2019	GOLD	3:30:00 PM	1326.89	1324.88			N/A
2/27/2019	GOLD	9:30:00 AM	1327.25	1327.36			N/A
2/27/2019	GOLD	11:30:00 AM	1326.12	1326.41			N/A
2/27/2019	GOLD	1:30:00 PM	1327.85	1327.82			N/A
2/27/2019	GOLD	3:30:00 PM	1326.46	1326.54			N/A
2/28/2019	GOLD	9:30:00 AM	1321.78	1321.92			N/A
2/28/2019	GOLD	11:30:00 AM					N/A
2/28/2019	GOLD	1:30:00 PM	1327.09	1326.86			N/A
2/28/2019	GOLD	3:30:00 PM	1323.72	1321.73			N/A
3/1/2019	GOLD	9:30:00 AM	1309.7	1309.95			N/A
3/1/2019	GOLD	11:30:00 AM	1306.37	1306.64			N/A
3/1/2019	GOLD	1:30:00 PM	1308.81	1309.15			N/A

3/1/2019	GOLD	3:30:00 PM	1305.92	1305.89			N/A
3/4/2019	GOLD	9:30:00 AM	1292.57	1292.69			N/A
3/4/2019	GOLD	11:30:00 AM					N/A
3/4/2019	GOLD	1:30:00 PM	1287.24	1287.67			N/A
3/4/2019	GOLD	3:30:00 PM	1288.25	1288.17			N/A
3/5/2019	GOLD	9:30:00 AM	1285.22	1285.31			N/A
3/5/2019	GOLD	11:30:00 AM	1284.28	1284.35			N/A
3/5/2019	GOLD	1:30:00 PM	1284.41	1284.86			N/A
3/5/2019	GOLD	3:30:00 PM	1286.77	1286.94			N/A
3/6/2019	GOLD	9:30:00 AM	1290.09	1290.42			N/A
3/6/2019	GOLD	11:30:00 AM					N/A
3/6/2019	GOLD	1:30:00 PM	1285.77	1285.79			N/A
3/6/2019	GOLD	3:30:00 PM	1286.32	1285.68			N/A
3/7/2019	GOLD	9:30:00 AM	1284.2	1284.57			N/A
3/7/2019	GOLD	11:30:00 AM	1286.68	1286.93			N/A
3/7/2019	GOLD	1:30:00 PM	1286.41	1286.78			N/A
3/7/2019	GOLD	3:30:00 PM	1285.34	1284.23			N/A
3/8/2019	GOLD	9:30:00 AM	1292.9	1293.13			N/A
3/8/2019	GOLD	11:30:00 AM					N/A
3/8/2019	GOLD	1:30:00 PM	1293.34	1293.69			N/A
3/8/2019	GOLD	3:30:00 PM	1298.07	1292.82			N/A
3/11/2019	GOLD	9:30:00 AM	1296.91	1297.03			N/A
3/11/2019	GOLD	11:30:00 AM	1297.08	1297.36			N/A
3/11/2019	GOLD	1:30:00 PM	1294.88	1295.2			N/A
3/11/2019	GOLD	3:30:00 PM	1296.79	1296.86			N/A
3/12/2019	GOLD	9:30:00 AM	1294.97	1295.12			N/A
3/12/2019	GOLD	11:30:00 AM					N/A
3/12/2019	GOLD	1:30:00 PM	1295.89	1295.93			N/A
3/12/2019	GOLD	3:30:00 PM	1297.59	1297.56			N/A
3/13/2019	GOLD	9:30:00 AM	1304.76	1304.74			N/A
3/13/2019	GOLD	11:30:00 AM	1307.94	1308.2			N/A
3/13/2019	GOLD	1:30:00 PM	1307.69	1307.89			N/A
3/13/2019	GOLD	3:30:00 PM	1307.87	1307.48			N/A
3/14/2019	GOLD	9:30:00 AM	1302.88	1303.16			N/A
3/14/2019	GOLD	11:30:00 AM					N/A
3/14/2019	GOLD	1:30:00 PM	1297.45	1297.64			N/A
3/14/2019	GOLD	3:30:00 PM	1294.91	1294.89			N/A
3/15/2019	GOLD	9:30:00 AM	1303.31	1303			N/A
3/15/2019	GOLD	11:30:00 AM	1302.51	1302.68			N/A
3/15/2019	GOLD	1:30:00 PM	1303.7	1303.89			N/A
3/15/2019	GOLD	3:30:00 PM	1303.35	1303.27			N/A
3/18/2019	GOLD	9:30:00 AM	1302.92	1303.12			N/A
3/18/2019	GOLD	11:30:00 AM					N/A
3/18/2019	GOLD	1:30:00 PM	1305.67	1305.87			N/A
3/18/2019	GOLD	3:30:00 PM	1305.71	1305.44		200	N/A
3/19/2019	GOLD	9:30:00 AM	1305.97	1306.02			N/A
3/19/2019	GOLD	11:30:00 AM	1305.98	1306.18			N/A
3/19/2019	GOLD	1:30:00 PM	1307.44	1307.67			N/A
3/19/2019	GOLD	3:30:00 PM	1310.12	1310			N/A
3/20/2019	GOLD	9:30:00 AM	1304.32	1303.53			N/A

3/20/2019	GOLD	11:30:00 AM					N/A
3/20/2019	GOLD	1:30:00 PM	1304.04	1304.34			N/A
3/20/2019	GOLD	3:30:00 PM	1309.2	1308.83			N/A
3/21/2019	GOLD	9:30:00 AM	1319.8	1319.77			N/A
3/21/2019	GOLD	11:30:00 AM	1317.85	1318.15			N/A
3/21/2019	GOLD	1:30:00 PM	1316.02	1316.22			N/A
3/21/2019	GOLD	3:30:00 PM	1316.44	1316.22			N/A
3/22/2019	GOLD	9:30:00 AM	1311.96	1312.26			N/A
3/22/2019	GOLD	11:30:00 AM					N/A
3/22/2019	GOLD	1:30:00 PM	1312.72	1312.91			N/A
3/22/2019	GOLD	3:30:00 PM	1311.81	1311.81			N/A
3/25/2019	GOLD	9:30:00 AM	1317.19	1317.29			N/A
3/25/2019	GOLD	11:30:00 AM	1317.22	1317.35			N/A
3/25/2019	GOLD	1:30:00 PM	1317.29	1317.44			N/A
3/25/2019	GOLD	3:30:00 PM	1318.58	1318.22			N/A
3/26/2019	GOLD	9:30:00 AM	1316.65	1316.63	100	100	N/A
3/26/2019	GOLD	11:30:00 AM					N/A
3/26/2019	GOLD	1:30:00 PM	1314.48	1314.1			N/A
3/26/2019	GOLD	3:30:00 PM	1317.93	1317.52			N/A
3/27/2019	GOLD	9:30:00 AM	1315.66	1315.45			N/A
3/27/2019	GOLD	11:30:00 AM	1316.42	1316.53			N/A
3/27/2019	GOLD	1:30:00 PM	1318.44	1318.22			N/A
3/27/2019	GOLD	3:30:00 PM	1316.38	1316.38			N/A
3/28/2019	GOLD	9:30:00 AM	1311.17	1311.42			N/A
3/28/2019	GOLD	11:30:00 AM					N/A
3/28/2019	GOLD	1:30:00 PM	1305	1304.99			N/A
3/28/2019	GOLD	3:30:00 PM	1294.75	1294.17			N/A
3/29/2019	GOLD	9:30:00 AM	1287.9	1287.8			N/A
3/29/2019	GOLD	11:30:00 AM	1291.87	1292.05			N/A
3/29/2019	GOLD	1:30:00 PM	1291.61	1291.88			N/A
3/29/2019	GOLD	3:30:00 PM	1298.36	1297.7			N/A
1/1/2019	HKDJPY	9:30:00 AM					N/A
1/1/2019	HKDJPY	11:30:00 AM					N/A
1/1/2019	HKDJPY	1:30:00 PM					N/A
1/1/2019	HKDJPY	3:30:00 PM					N/A
1/2/2019	HKDJPY	9:30:00 AM					N/A
1/2/2019	HKDJPY	11:30:00 AM					N/A
1/2/2019	HKDJPY	1:30:00 PM					N/A
1/2/2019	HKDJPY	3:30:00 PM					N/A
1/3/2019	HKDJPY	9:30:00 AM					N/A
1/3/2019	HKDJPY	11:30:00 AM					N/A
1/3/2019	HKDJPY	1:30:00 PM					N/A
1/3/2019	HKDJPY	3:30:00 PM					N/A
1/4/2019	HKDJPY	9:30:00 AM					N/A
1/4/2019	HKDJPY	11:30:00 AM					N/A
1/4/2019	HKDJPY	1:30:00 PM					N/A
1/4/2019	HKDJPY	3:30:00 PM					N/A
1/7/2019	HKDJPY	9:30:00 AM					N/A
1/7/2019	HKDJPY	11:30:00 AM					N/A
1/7/2019	HKDJPY	1:30:00 PM	13.82	13.84			N/A

1/7/2019	HKDJPY	3:30:00 PM					N/A
1/8/2019	HKDJPY	9:30:00 AM	13.91	13.92			N/A
1/8/2019	HKDJPY	11:30:00 AM	13.88	13.89			N/A
1/8/2019	HKDJPY	1:30:00 PM	13.87	13.88			N/A
1/8/2019	HKDJPY	3:30:00 PM	13.88	13.89			N/A
1/9/2019	HKDJPY	9:30:00 AM	13.89	13.91			N/A
1/9/2019	HKDJPY	11:30:00 AM					N/A
1/9/2019	HKDJPY	1:30:00 PM					N/A
1/9/2019	HKDJPY	3:30:00 PM	13.89	13.89			N/A
1/10/2019	HKDJPY	9:30:00 AM	13.77	13.78			N/A
1/10/2019	HKDJPY	11:30:00 AM	13.79	13.8			N/A
1/10/2019	HKDJPY	1:30:00 PM	13.78	13.78			N/A
1/10/2019	HKDJPY	3:30:00 PM	13.79	13.8			N/A
1/11/2019	HKDJPY	9:30:00 AM					N/A
1/11/2019	HKDJPY	11:30:00 AM					N/A
1/11/2019	HKDJPY	1:30:00 PM					N/A
1/11/2019	HKDJPY	3:30:00 PM	13.82	13.82			N/A
1/14/2019	HKDJPY	9:30:00 AM					N/A
1/14/2019	HKDJPY	11:30:00 AM	13.79	13.8			N/A
1/14/2019	HKDJPY	1:30:00 PM	13.77	13.78			N/A
1/14/2019	HKDJPY	3:30:00 PM	13.79	13.79			N/A
1/15/2019	HKDJPY	9:30:00 AM	13.85	13.86			N/A
1/15/2019	HKDJPY	11:30:00 AM					N/A
1/15/2019	HKDJPY	1:30:00 PM					N/A
1/15/2019	HKDJPY	3:30:00 PM	13.84	13.84			N/A
1/16/2019	HKDJPY	9:30:00 AM	13.84	13.86			N/A
1/16/2019	HKDJPY	11:30:00 AM	13.84	13.85			N/A
1/16/2019	HKDJPY	1:30:00 PM	13.87	13.88			N/A
1/16/2019	HKDJPY	3:30:00 PM	13.87	13.88			N/A
1/17/2019	HKDJPY	9:30:00 AM	13.88	13.88			N/A
1/17/2019	HKDJPY	11:30:00 AM					N/A
1/17/2019	HKDJPY	1:30:00 PM	13.87	13.89			N/A
1/17/2019	HKDJPY	3:30:00 PM	13.87	13.87			N/A
1/18/2019	HKDJPY	9:30:00 AM	13.95	13.96			N/A
1/18/2019	HKDJPY	11:30:00 AM	13.97	13.98			N/A
1/18/2019	HKDJPY	1:30:00 PM					N/A
1/18/2019	HKDJPY	3:30:00 PM	13.95	13.96			N/A
1/21/2019	HKDJPY	9:30:00 AM					N/A
1/21/2019	HKDJPY	11:30:00 AM					N/A
1/21/2019	HKDJPY	1:30:00 PM					N/A
1/21/2019	HKDJPY	3:30:00 PM	13.98	13.99			N/A
1/22/2019	HKDJPY	9:30:00 AM	13.95	13.95			N/A
1/22/2019	HKDJPY	11:30:00 AM	13.94	13.96			N/A
1/22/2019	HKDJPY	1:30:00 PM	13.94	13.95			N/A
1/22/2019	HKDJPY	3:30:00 PM	13.95	13.96			N/A
1/23/2019	HKDJPY	9:30:00 AM	13.97	13.98			N/A
1/23/2019	HKDJPY	11:30:00 AM					N/A
1/23/2019	HKDJPY	1:30:00 PM	13.97	13.98			N/A
1/23/2019	HKDJPY	3:30:00 PM	13.99	14			N/A
1/24/2019	HKDJPY	9:30:00 AM	13.98	13.99			N/A

1/24/2019	HKDJPY	11:30:00 AM	13.98	13.99			N/A
1/24/2019	HKDJPY	1:30:00 PM	13.99	14			N/A
1/24/2019	HKDJPY	3:30:00 PM	13.99	14			N/A
1/25/2019	HKDJPY	9:30:00 AM	14	14.01			N/A
1/25/2019	HKDJPY	11:30:00 AM					N/A
1/25/2019	HKDJPY	1:30:00 PM	13.99	14			N/A
1/25/2019	HKDJPY	3:30:00 PM	14.01	14.02			N/A
1/28/2019	HKDJPY	9:30:00 AM	13.93	13.95			N/A
1/28/2019	HKDJPY	11:30:00 AM	13.94	13.95			N/A
1/28/2019	HKDJPY	1:30:00 PM	13.95	13.96			N/A
1/28/2019	HKDJPY	3:30:00 PM	13.94	13.95			N/A
1/29/2019	HKDJPY	9:30:00 AM	13.93	13.93			N/A
1/29/2019	HKDJPY	11:30:00 AM					N/A
1/29/2019	HKDJPY	1:30:00 PM	13.95	13.96			N/A
1/29/2019	HKDJPY	3:30:00 PM	13.96	13.96			N/A
1/30/2019	HKDJPY	9:30:00 AM					N/A
1/30/2019	HKDJPY	11:30:00 AM					N/A
1/30/2019	HKDJPY	1:30:00 PM	13.95	13.96			N/A
1/30/2019	HKDJPY	3:30:00 PM					N/A
1/31/2019	HKDJPY	9:30:00 AM	13.86	13.86			N/A
1/31/2019	HKDJPY	11:30:00 AM					N/A
1/31/2019	HKDJPY	1:30:00 PM	13.85	13.86			N/A
1/31/2019	HKDJPY	3:30:00 PM	13.84	13.85			N/A
2/1/2019	HKDJPY	9:30:00 AM	13.88	13.89			N/A
2/1/2019	HKDJPY	11:30:00 AM	13.87	13.89			N/A
2/1/2019	HKDJPY	1:30:00 PM	13.87	13.89			N/A
2/1/2019	HKDJPY	3:30:00 PM	13.89	13.89			N/A
2/4/2019	HKDJPY	9:30:00 AM	13.99	14			N/A
2/4/2019	HKDJPY	11:30:00 AM					N/A
2/4/2019	HKDJPY	1:30:00 PM	14	14.01			N/A
2/4/2019	HKDJPY	3:30:00 PM	14.01	14.02			N/A
2/5/2019	HKDJPY	9:30:00 AM	14.01	14.01			N/A
2/5/2019	HKDJPY	11:30:00 AM	14.02	14.03			N/A
2/5/2019	HKDJPY	1:30:00 PM	14.01	14.02			N/A
2/5/2019	HKDJPY	3:30:00 PM	14	14.01			N/A
2/6/2019	HKDJPY	9:30:00 AM	13.98	13.99			N/A
2/6/2019	HKDJPY	11:30:00 AM					N/A
2/6/2019	HKDJPY	1:30:00 PM	13.97	13.99			N/A
2/6/2019	HKDJPY	3:30:00 PM	13.99	14			N/A
2/7/2019	HKDJPY	9:30:00 AM					N/A
2/7/2019	HKDJPY	11:30:00 AM	14.02	14.03			N/A
2/7/2019	HKDJPY	1:30:00 PM	14	14.01			N/A
2/7/2019	HKDJPY	3:30:00 PM	13.99	13.99			N/A
2/8/2019	HKDJPY	9:30:00 AM	13.98	13.99			N/A
2/8/2019	HKDJPY	11:30:00 AM					N/A
2/8/2019	HKDJPY	1:30:00 PM					N/A
2/8/2019	HKDJPY	3:30:00 PM	14	14			N/A
2/11/2019	HKDJPY	9:30:00 AM	14.01	14.02			N/A
2/11/2019	HKDJPY	11:30:00 AM	14.05	14.05			N/A
2/11/2019	HKDJPY	1:30:00 PM	14.04	14.05			N/A

2/11/2019	HKDJPY	3:30:00 PM	14.05	14.06			N/A
2/12/2019	HKDJPY	9:30:00 AM	14.09	14.1			N/A
2/12/2019	HKDJPY	11:30:00 AM					N/A
2/12/2019	HKDJPY	1:30:00 PM	14.08	14.09			N/A
2/12/2019	HKDJPY	3:30:00 PM	14.07	14.08			N/A
2/13/2019	HKDJPY	9:30:00 AM	14.1	14.11			N/A
2/13/2019	HKDJPY	11:30:00 AM	14.11	14.12			N/A
2/13/2019	HKDJPY	1:30:00 PM					N/A
2/13/2019	HKDJPY	3:30:00 PM	14.11	14.11			N/A
2/14/2019	HKDJPY	9:30:00 AM	14.16	14.16			N/A
2/14/2019	HKDJPY	11:30:00 AM					N/A
2/14/2019	HKDJPY	1:30:00 PM					N/A
2/14/2019	HKDJPY	3:30:00 PM	14.13	14.14			N/A
2/15/2019	HKDJPY	9:30:00 AM					N/A
2/15/2019	HKDJPY	11:30:00 AM					N/A
2/15/2019	HKDJPY	1:30:00 PM					N/A
2/15/2019	HKDJPY	3:30:00 PM					N/A
2/18/2019	HKDJPY	9:30:00 AM	14.09	14.1			N/A
2/18/2019	HKDJPY	11:30:00 AM					N/A
2/18/2019	HKDJPY	1:30:00 PM	14.09	14.09			N/A
2/18/2019	HKDJPY	3:30:00 PM	14.09	14.1			N/A
2/19/2019	HKDJPY	9:30:00 AM	14.11	14.11			N/A
2/19/2019	HKDJPY	11:30:00 AM	14.11	14.12			N/A
2/19/2019	HKDJPY	1:30:00 PM					N/A
2/19/2019	HKDJPY	3:30:00 PM	14.11	14.12			N/A
2/20/2019	HKDJPY	9:30:00 AM	14.12	14.14			N/A
2/20/2019	HKDJPY	11:30:00 AM					N/A
2/20/2019	HKDJPY	1:30:00 PM	14.12	14.13			N/A
2/20/2019	HKDJPY	3:30:00 PM	14.11	14.12			N/A
2/21/2019	HKDJPY	9:30:00 AM	14.12	14.13			N/A
2/21/2019	HKDJPY	11:30:00 AM	14.11	14.11			N/A
2/21/2019	HKDJPY	1:30:00 PM					N/A
2/21/2019	HKDJPY	3:30:00 PM	14.1	14.1			N/A
2/22/2019	HKDJPY	9:30:00 AM	14.11	14.12			N/A
2/22/2019	HKDJPY	11:30:00 AM					N/A
2/22/2019	HKDJPY	1:30:00 PM	14.13	14.13			N/A
2/22/2019	HKDJPY	3:30:00 PM	14.12	14.12			N/A
2/25/2019	HKDJPY	9:30:00 AM					N/A
2/25/2019	HKDJPY	11:30:00 AM	14.1	14.11			N/A
2/25/2019	HKDJPY	1:30:00 PM	14.11	14.12			N/A
2/25/2019	HKDJPY	3:30:00 PM	14.12	14.12			N/A
2/26/2019	HKDJPY	9:30:00 AM	14.11	14.12			N/A
2/26/2019	HKDJPY	11:30:00 AM					N/A
2/26/2019	HKDJPY	1:30:00 PM					N/A
2/26/2019	HKDJPY	3:30:00 PM	14.12	14.12			N/A
2/27/2019	HKDJPY	9:30:00 AM					N/A
2/27/2019	HKDJPY	11:30:00 AM	14.07	14.08			N/A
2/27/2019	HKDJPY	1:30:00 PM					N/A
2/27/2019	HKDJPY	3:30:00 PM	14.09	14.1			N/A
2/28/2019	HKDJPY	9:30:00 AM					N/A

2/28/2019	HKDJPY	11:30:00 AM					N/A
2/28/2019	HKDJPY	1:30:00 PM	14.1	14.12			N/A
2/28/2019	HKDJPY	3:30:00 PM	14.13	14.13			N/A
3/1/2019	HKDJPY	9:30:00 AM	14.25	14.27			N/A
3/1/2019	HKDJPY	11:30:00 AM	14.27	14.28			N/A
3/1/2019	HKDJPY	1:30:00 PM	14.24	14.26			N/A
3/1/2019	HKDJPY	3:30:00 PM	14.25	14.26			N/A
3/4/2019	HKDJPY	9:30:00 AM	14.26	14.27			N/A
3/4/2019	HKDJPY	11:30:00 AM					N/A
3/4/2019	HKDJPY	1:30:00 PM	14.25	14.26			N/A
3/4/2019	HKDJPY	3:30:00 PM	14.25	14.26			N/A
3/5/2019	HKDJPY	9:30:00 AM	14.26	14.27			N/A
3/5/2019	HKDJPY	11:30:00 AM	14.27	14.27			N/A
3/5/2019	HKDJPY	1:30:00 PM					N/A
3/5/2019	HKDJPY	3:30:00 PM	14.26	14.27			N/A
3/6/2019	HKDJPY	9:30:00 AM	14.24	14.25			N/A
3/6/2019	HKDJPY	11:30:00 AM					N/A
3/6/2019	HKDJPY	1:30:00 PM					N/A
3/6/2019	HKDJPY	3:30:00 PM	14.24	14.25			N/A
3/7/2019	HKDJPY	9:30:00 AM					N/A
3/7/2019	HKDJPY	11:30:00 AM					N/A
3/7/2019	HKDJPY	1:30:00 PM	14.23	14.24			N/A
3/7/2019	HKDJPY	3:30:00 PM	14.24	14.25			N/A
3/8/2019	HKDJPY	9:30:00 AM	14.14	14.15			N/A
3/8/2019	HKDJPY	11:30:00 AM					N/A
3/8/2019	HKDJPY	1:30:00 PM					N/A
3/8/2019	HKDJPY	3:30:00 PM	14.15	14.12			N/A
3/11/2019	HKDJPY	9:30:00 AM	14.17	14.18			N/A
3/11/2019	HKDJPY	11:30:00 AM	14.16	14.17			N/A
3/11/2019	HKDJPY	1:30:00 PM	14.17	14.18			N/A
3/11/2019	HKDJPY	3:30:00 PM	14.15	14.15			N/A
3/12/2019	HKDJPY	9:30:00 AM	14.19	14.19			N/A
3/12/2019	HKDJPY	11:30:00 AM					N/A
3/12/2019	HKDJPY	1:30:00 PM	14.17	14.17			N/A
3/12/2019	HKDJPY	3:30:00 PM	14.16	14.17			N/A
3/13/2019	HKDJPY	9:30:00 AM	14.18	14.19			N/A
3/13/2019	HKDJPY	11:30:00 AM					N/A
3/13/2019	HKDJPY	1:30:00 PM	14.19	14.19			N/A
3/13/2019	HKDJPY	3:30:00 PM	14.19	14.19			N/A
3/14/2019	HKDJPY	9:30:00 AM					N/A
3/14/2019	HKDJPY	11:30:00 AM					N/A
3/14/2019	HKDJPY	1:30:00 PM	14.22	14.23			N/A
3/14/2019	HKDJPY	3:30:00 PM	14.22	14.23			N/A
3/15/2019	HKDJPY	9:30:00 AM	14.23	14.24			N/A
3/15/2019	HKDJPY	11:30:00 AM	14.23	14.24			N/A
3/15/2019	HKDJPY	1:30:00 PM	14.23	14.24			N/A
3/15/2019	HKDJPY	3:30:00 PM	14.21	14.22			N/A
3/18/2019	HKDJPY	9:30:00 AM	14.21	14.22			N/A
3/18/2019	HKDJPY	11:30:00 AM					N/A
3/18/2019	HKDJPY	1:30:00 PM					N/A

3/18/2019	HKDJPY	3:30:00 PM	14.21	14.22			N/A
3/19/2019	HKDJPY	9:30:00 AM	14.17	14.18			N/A
3/19/2019	HKDJPY	11:30:00 AM	14.18	14.19			N/A
3/19/2019	HKDJPY	1:30:00 PM	14.18	14.19			N/A
3/19/2019	HKDJPY	3:30:00 PM	14.2	14.21			N/A
3/20/2019	HKDJPY	9:30:00 AM	14.22	14.23			N/A
3/20/2019	HKDJPY	11:30:00 AM					N/A
3/20/2019	HKDJPY	1:30:00 PM	14.21	14.22			N/A
3/20/2019	HKDJPY	3:30:00 PM	14.2	14.21			N/A
3/21/2019	HKDJPY	9:30:00 AM	14.07	14.08			N/A
3/21/2019	HKDJPY	11:30:00 AM	14.07	14.08			N/A
3/21/2019	HKDJPY	1:30:00 PM	14.09	14.09			N/A
3/21/2019	HKDJPY	3:30:00 PM	14.09	14.1			N/A
3/22/2019	HKDJPY	9:30:00 AM	14.12	14.12			N/A
3/22/2019	HKDJPY	11:30:00 AM					N/A
3/22/2019	HKDJPY	1:30:00 PM	14.07	14.08			N/A
3/22/2019	HKDJPY	3:30:00 PM	14.05	14.06			N/A
3/25/2019	HKDJPY	9:30:00 AM	14.02	14.03			N/A
3/25/2019	HKDJPY	11:30:00 AM	14.04	14.05			N/A
3/25/2019	HKDJPY	1:30:00 PM					N/A
3/25/2019	HKDJPY	3:30:00 PM	14.02	14.03			N/A
3/26/2019	HKDJPY	9:30:00 AM					N/A
3/26/2019	HKDJPY	11:30:00 AM					N/A
3/26/2019	HKDJPY	1:30:00 PM					N/A
3/26/2019	HKDJPY	3:30:00 PM	14.08	14.08			N/A
3/27/2019	HKDJPY	9:30:00 AM	14.09	14.1			N/A
3/27/2019	HKDJPY	11:30:00 AM					N/A
3/27/2019	HKDJPY	1:30:00 PM	14.06	14.07			N/A
3/27/2019	HKDJPY	3:30:00 PM	14.08	14.09			N/A
3/28/2019	HKDJPY	9:30:00 AM	14.03	14.04			N/A
3/28/2019	HKDJPY	11:30:00 AM					N/A
3/28/2019	HKDJPY	1:30:00 PM	14.05	14.06			N/A
3/28/2019	HKDJPY	3:30:00 PM	14.1	14.11			N/A
3/29/2019	HKDJPY	9:30:00 AM	14.09	14.1			N/A
3/29/2019	HKDJPY	11:30:00 AM					N/A
3/29/2019	HKDJPY	1:30:00 PM	14.11	14.12			N/A
3/29/2019	HKDJPY	3:30:00 PM	14.12	14.13			N/A
1/1/2019	HUFJPY	9:30:00 AM					N/A
1/1/2019	HUFJPY	11:30:00 AM					N/A
1/1/2019	HUFJPY	1:30:00 PM					N/A
1/1/2019	HUFJPY	3:30:00 PM					N/A
1/2/2019	HUFJPY	9:30:00 AM					N/A
1/2/2019	HUFJPY	11:30:00 AM					N/A
1/2/2019	HUFJPY	1:30:00 PM					N/A
1/2/2019	HUFJPY	3:30:00 PM					N/A
1/3/2019	HUFJPY	9:30:00 AM					N/A
1/3/2019	HUFJPY	11:30:00 AM					N/A
1/3/2019	HUFJPY	1:30:00 PM					N/A
1/3/2019	HUFJPY	3:30:00 PM					N/A
1/4/2019	HUFJPY	9:30:00 AM					N/A

1/4/2019	HUFJPY	11:30:00 AM					N/A
1/4/2019	HUFJPY	1:30:00 PM					N/A
1/4/2019	HUFJPY	3:30:00 PM					N/A
1/7/2019	HUFJPY	9:30:00 AM	0.3851	0.3855			N/A
1/7/2019	HUFJPY	11:30:00 AM					N/A
1/7/2019	HUFJPY	1:30:00 PM	0.386	0.3863			N/A
1/7/2019	HUFJPY	3:30:00 PM	0.3864	0.3868			N/A
1/8/2019	HUFJPY	9:30:00 AM	0.3885	0.3888			N/A
1/8/2019	HUFJPY	11:30:00 AM	0.3882	0.3885			N/A
1/8/2019	HUFJPY	1:30:00 PM	0.3872	0.3875			N/A
1/8/2019	HUFJPY	3:30:00 PM	0.3868	0.3871			N/A
1/9/2019	HUFJPY	9:30:00 AM	0.3888	0.3891			N/A
1/9/2019	HUFJPY	11:30:00 AM					N/A
1/9/2019	HUFJPY	1:30:00 PM	0.388	0.3884			N/A
1/9/2019	HUFJPY	3:30:00 PM	0.3877	0.388			N/A
1/10/2019	HUFJPY	9:30:00 AM	0.3879	0.3882			N/A
1/10/2019	HUFJPY	11:30:00 AM	0.3876	0.3879			N/A
1/10/2019	HUFJPY	1:30:00 PM	0.388	0.3883			N/A
1/10/2019	HUFJPY	3:30:00 PM	0.3888	0.3891			N/A
1/11/2019	HUFJPY	9:30:00 AM	0.3891	0.3894			N/A
1/11/2019	HUFJPY	11:30:00 AM					N/A
1/11/2019	HUFJPY	1:30:00 PM	0.3886	0.3889			N/A
1/11/2019	HUFJPY	3:30:00 PM	0.3885	0.3889			N/A
1/14/2019	HUFJPY	9:30:00 AM	0.3861	0.3864			N/A
1/14/2019	HUFJPY	11:30:00 AM	0.3865	0.3868			N/A
1/14/2019	HUFJPY	1:30:00 PM	0.3858	0.3861			N/A
1/14/2019	HUFJPY	3:30:00 PM	0.386	0.3863			N/A
1/15/2019	HUFJPY	9:30:00 AM	0.3879	0.3882			N/A
1/15/2019	HUFJPY	11:30:00 AM					N/A
1/15/2019	HUFJPY	1:30:00 PM	0.3855	0.3858			N/A
1/15/2019	HUFJPY	3:30:00 PM	0.3843	0.3846			N/A
1/16/2019	HUFJPY	9:30:00 AM	0.3833	0.3836			N/A
1/16/2019	HUFJPY	11:30:00 AM	0.3834	0.3837			N/A
1/16/2019	HUFJPY	1:30:00 PM	0.3854	0.3857			N/A
1/16/2019	HUFJPY	3:30:00 PM	0.3856	0.3859			N/A
1/17/2019	HUFJPY	9:30:00 AM	0.3853	0.3856			N/A
1/17/2019	HUFJPY	11:30:00 AM					N/A
1/17/2019	HUFJPY	1:30:00 PM	0.387	0.3872			N/A
1/17/2019	HUFJPY	3:30:00 PM	0.3875	0.3879			N/A
1/18/2019	HUFJPY	9:30:00 AM	0.3904	0.3906			N/A
1/18/2019	HUFJPY	11:30:00 AM	0.3916	0.3919			N/A
1/18/2019	HUFJPY	1:30:00 PM	0.392	0.3923			N/A
1/18/2019	HUFJPY	3:30:00 PM	0.3925	0.3928			N/A
1/21/2019	HUFJPY	9:30:00 AM	0.3924	0.3927			N/A
1/21/2019	HUFJPY	11:30:00 AM					N/A
1/21/2019	HUFJPY	1:30:00 PM	0.3922	0.3925			N/A
1/21/2019	HUFJPY	3:30:00 PM	0.3924	0.3927			N/A
1/22/2019	HUFJPY	9:30:00 AM	0.391	0.3913			N/A
1/22/2019	HUFJPY	11:30:00 AM	0.3913	0.3916			N/A
1/22/2019	HUFJPY	1:30:00 PM	0.3912	0.3915			N/A

1/22/2019	HUFJPY	3:30:00 PM	0.391	0.3913			N/A
1/23/2019	HUFJPY	9:30:00 AM	0.392	0.3923			N/A
1/23/2019	HUFJPY	11:30:00 AM					N/A
1/23/2019	HUFJPY	1:30:00 PM	0.3918	0.3921			N/A
1/23/2019	HUFJPY	3:30:00 PM	0.3923	0.3926			N/A
1/24/2019	HUFJPY	9:30:00 AM	0.3926	0.3929			N/A
1/24/2019	HUFJPY	11:30:00 AM					N/A
1/24/2019	HUFJPY	1:30:00 PM	0.3907	0.391			N/A
1/24/2019	HUFJPY	3:30:00 PM	0.391	0.3913			N/A
1/25/2019	HUFJPY	9:30:00 AM	0.3907	0.391			N/A
1/25/2019	HUFJPY	11:30:00 AM					N/A
1/25/2019	HUFJPY	1:30:00 PM					N/A
1/25/2019	HUFJPY	3:30:00 PM	0.3923	0.3926			N/A
1/28/2019	HUFJPY	9:30:00 AM	0.393	0.3933			N/A
1/28/2019	HUFJPY	11:30:00 AM	0.3926	0.3929			N/A
1/28/2019	HUFJPY	1:30:00 PM	0.3933	0.3936			N/A
1/28/2019	HUFJPY	3:30:00 PM	0.3937	0.394			N/A
1/29/2019	HUFJPY	9:30:00 AM	0.3942	0.3945			N/A
1/29/2019	HUFJPY	11:30:00 AM					N/A
1/29/2019	HUFJPY	1:30:00 PM	0.3948	0.3951			N/A
1/29/2019	HUFJPY	3:30:00 PM	0.3946	0.3949			N/A
1/30/2019	HUFJPY	9:30:00 AM	0.3943	0.3946			N/A
1/30/2019	HUFJPY	11:30:00 AM	0.3944	0.3948			N/A
1/30/2019	HUFJPY	1:30:00 PM	0.3946	0.3949			N/A
1/30/2019	HUFJPY	3:30:00 PM	0.3956	0.3959			N/A
1/31/2019	HUFJPY	9:30:00 AM					N/A
1/31/2019	HUFJPY	11:30:00 AM					N/A
1/31/2019	HUFJPY	1:30:00 PM	0.3948	0.3952			N/A
1/31/2019	HUFJPY	3:30:00 PM	0.3954	0.3957			N/A
2/1/2019	HUFJPY	9:30:00 AM	0.395	0.3953			N/A
2/1/2019	HUFJPY	11:30:00 AM	0.3937	0.3941			N/A
2/1/2019	HUFJPY	1:30:00 PM	0.3932	0.3935			N/A
2/1/2019	HUFJPY	3:30:00 PM	0.3934	0.3936			N/A
2/4/2019	HUFJPY	9:30:00 AM	0.3958	0.3961			N/A
2/4/2019	HUFJPY	11:30:00 AM					N/A
2/4/2019	HUFJPY	1:30:00 PM	0.3962	0.3965			N/A
2/4/2019	HUFJPY	3:30:00 PM	0.3961	0.3964			N/A
2/5/2019	HUFJPY	9:30:00 AM					N/A
2/5/2019	HUFJPY	11:30:00 AM	0.3959	0.3962			N/A
2/5/2019	HUFJPY	1:30:00 PM	0.3956	0.3959			N/A
2/5/2019	HUFJPY	3:30:00 PM	0.3959	0.3962			N/A
2/6/2019	HUFJPY	9:30:00 AM	0.3934	0.3936			N/A
2/6/2019	HUFJPY	11:30:00 AM					N/A
2/6/2019	HUFJPY	1:30:00 PM	0.3927	0.393			N/A
2/6/2019	HUFJPY	3:30:00 PM	0.3928	0.3931			N/A
2/7/2019	HUFJPY	9:30:00 AM	0.3919	0.3922			N/A
2/7/2019	HUFJPY	11:30:00 AM	0.391	0.3913			N/A
2/7/2019	HUFJPY	1:30:00 PM	0.3901	0.3904			N/A
2/7/2019	HUFJPY	3:30:00 PM	0.3898	0.39			N/A
2/8/2019	HUFJPY	9:30:00 AM	0.3906	0.3909			N/A

2/8/2019	HUFJPY	11:30:00 AM					N/A
2/8/2019	HUFJPY	1:30:00 PM	0.3911	0.3914			N/A
2/8/2019	HUFJPY	3:30:00 PM	0.3916	0.3919			N/A
2/11/2019	HUFJPY	9:30:00 AM	0.3911	0.3914			N/A
2/11/2019	HUFJPY	11:30:00 AM	0.3905	0.3908			N/A
2/11/2019	HUFJPY	1:30:00 PM	0.3899	0.3902			N/A
2/11/2019	HUFJPY	3:30:00 PM	0.3902	0.3905			N/A
2/12/2019	HUFJPY	9:30:00 AM	0.3903	0.3906			N/A
2/12/2019	HUFJPY	11:30:00 AM					N/A
2/12/2019	HUFJPY	1:30:00 PM	0.392	0.3923			N/A
2/12/2019	HUFJPY	3:30:00 PM	0.3925	0.3928			N/A
2/13/2019	HUFJPY	9:30:00 AM	0.3943	0.3946			N/A
2/13/2019	HUFJPY	11:30:00 AM	0.3951	0.3955			N/A
2/13/2019	HUFJPY	1:30:00 PM	0.3941	0.3944			N/A
2/13/2019	HUFJPY	3:30:00 PM	0.3937	0.3941			N/A
2/14/2019	HUFJPY	9:30:00 AM	0.3937	0.394			N/A
2/14/2019	HUFJPY	11:30:00 AM					N/A
2/14/2019	HUFJPY	1:30:00 PM	0.3931	0.3934			N/A
2/14/2019	HUFJPY	3:30:00 PM	0.3924	0.3928			N/A
2/15/2019	HUFJPY	9:30:00 AM					N/A
2/15/2019	HUFJPY	11:30:00 AM					N/A
2/15/2019	HUFJPY	1:30:00 PM					N/A
2/15/2019	HUFJPY	3:30:00 PM					N/A
2/18/2019	HUFJPY	9:30:00 AM	0.3937	0.3941			N/A
2/18/2019	HUFJPY	11:30:00 AM					N/A
2/18/2019	HUFJPY	1:30:00 PM	0.394	0.3944			N/A
2/18/2019	HUFJPY	3:30:00 PM	0.394	0.3943			N/A
2/19/2019	HUFJPY	9:30:00 AM	0.3937	0.394			N/A
2/19/2019	HUFJPY	11:30:00 AM	0.3938	0.3941			N/A
2/19/2019	HUFJPY	1:30:00 PM	0.393	0.3933			N/A
2/19/2019	HUFJPY	3:30:00 PM	0.393	0.3933			N/A
2/20/2019	HUFJPY	9:30:00 AM	0.3963	0.3966			N/A
2/20/2019	HUFJPY	11:30:00 AM					N/A
2/20/2019	HUFJPY	1:30:00 PM	0.3958	0.3961			N/A
2/20/2019	HUFJPY	3:30:00 PM	0.3961	0.3964			N/A
2/21/2019	HUFJPY	9:30:00 AM	0.3963	0.3966			N/A
2/21/2019	HUFJPY	11:30:00 AM	0.3959	0.3962			N/A
2/21/2019	HUFJPY	1:30:00 PM	0.3962	0.3966			N/A
2/21/2019	HUFJPY	3:30:00 PM					N/A
2/22/2019	HUFJPY	9:30:00 AM	0.396	0.3963			N/A
2/22/2019	HUFJPY	11:30:00 AM					N/A
2/22/2019	HUFJPY	1:30:00 PM	0.3959	0.3962			N/A
2/22/2019	HUFJPY	3:30:00 PM	0.3952	0.3955			N/A
2/25/2019	HUFJPY	9:30:00 AM	0.3962	0.3965			N/A
2/25/2019	HUFJPY	11:30:00 AM	0.3954	0.3958			N/A
2/25/2019	HUFJPY	1:30:00 PM	0.3963	0.3966			N/A
2/25/2019	HUFJPY	3:30:00 PM	0.3963	0.3965			N/A
2/26/2019	HUFJPY	9:30:00 AM	0.396	0.3963			N/A
2/26/2019	HUFJPY	11:30:00 AM					N/A
2/26/2019	HUFJPY	1:30:00 PM	0.3973	0.3976			N/A

2/26/2019	HUFJPY	3:30:00 PM	0.3975	0.3978			N/A
2/27/2019	HUFJPY	9:30:00 AM	0.3969	0.3972			N/A
2/27/2019	HUFJPY	11:30:00 AM	0.3979	0.3982			N/A
2/27/2019	HUFJPY	1:30:00 PM					N/A
2/27/2019	HUFJPY	3:30:00 PM					N/A
2/28/2019	HUFJPY	9:30:00 AM	0.3986	0.3989			N/A
2/28/2019	HUFJPY	11:30:00 AM					N/A
2/28/2019	HUFJPY	1:30:00 PM	0.4002	0.4005			N/A
2/28/2019	HUFJPY	3:30:00 PM	0.4003	0.4007			N/A
3/1/2019	HUFJPY	9:30:00 AM	0.4025	0.4028			N/A
3/1/2019	HUFJPY	11:30:00 AM	0.4032	0.4036			N/A
3/1/2019	HUFJPY	1:30:00 PM	0.403	0.4033			N/A
3/1/2019	HUFJPY	3:30:00 PM	0.4032	0.4035			N/A
3/4/2019	HUFJPY	9:30:00 AM	0.403	0.4033			N/A
3/4/2019	HUFJPY	11:30:00 AM					N/A
3/4/2019	HUFJPY	1:30:00 PM	0.4015	0.4018			N/A
3/4/2019	HUFJPY	3:30:00 PM	0.402	0.4023			N/A
3/5/2019	HUFJPY	9:30:00 AM	0.4015	0.4018			N/A
3/5/2019	HUFJPY	11:30:00 AM	0.4022	0.4025			N/A
3/5/2019	HUFJPY	1:30:00 PM	0.4021	0.4024			N/A
3/5/2019	HUFJPY	3:30:00 PM	0.402	0.4023			N/A
3/6/2019	HUFJPY	9:30:00 AM	0.4006	0.4009			N/A
3/6/2019	HUFJPY	11:30:00 AM					N/A
3/6/2019	HUFJPY	1:30:00 PM	0.4011	0.4014			N/A
3/6/2019	HUFJPY	3:30:00 PM	0.401	0.4013			N/A
3/7/2019	HUFJPY	9:30:00 AM	0.4005	0.4008			N/A
3/7/2019	HUFJPY	11:30:00 AM	0.401	0.4013			N/A
3/7/2019	HUFJPY	1:30:00 PM	0.4009	0.4012			N/A
3/7/2019	HUFJPY	3:30:00 PM	0.3997	0.4			N/A
3/8/2019	HUFJPY	9:30:00 AM	0.3933	0.3936			N/A
3/8/2019	HUFJPY	11:30:00 AM					N/A
3/8/2019	HUFJPY	1:30:00 PM	0.3949	0.3952			N/A
3/8/2019	HUFJPY	3:30:00 PM	0.3951	0.3954			N/A
3/11/2019	HUFJPY	9:30:00 AM	0.3965	0.3968			N/A
3/11/2019	HUFJPY	11:30:00 AM	0.3968	0.3971			N/A
3/11/2019	HUFJPY	1:30:00 PM	0.3961	0.3964			N/A
3/11/2019	HUFJPY	3:30:00 PM	0.3957	0.396			N/A
3/12/2019	HUFJPY	9:30:00 AM	0.3974	0.3977			N/A
3/12/2019	HUFJPY	11:30:00 AM					N/A
3/12/2019	HUFJPY	1:30:00 PM	0.3969	0.397			N/A
3/12/2019	HUFJPY	3:30:00 PM	0.3978	0.3981			N/A
3/13/2019	HUFJPY	9:30:00 AM	0.399	0.3993			N/A
3/13/2019	HUFJPY	11:30:00 AM	0.3999	0.4002			N/A
3/13/2019	HUFJPY	1:30:00 PM	0.3999	0.4002			N/A
3/13/2019	HUFJPY	3:30:00 PM	0.4004	0.4007			N/A
3/14/2019	HUFJPY	9:30:00 AM	0.4018	0.402			N/A
3/14/2019	HUFJPY	11:30:00 AM					N/A
3/14/2019	HUFJPY	1:30:00 PM	0.4016	0.4019			N/A
3/14/2019	HUFJPY	3:30:00 PM	0.4013	0.4017			N/A
3/15/2019	HUFJPY	9:30:00 AM	0.4024	0.4027			N/A

3/15/2019	HUFJPY	11:30:00 AM	0.4023	0.4026			N/A
3/15/2019	HUFJPY	1:30:00 PM					N/A
3/15/2019	HUFJPY	3:30:00 PM	0.4017	0.402			N/A
3/18/2019	HUFJPY	9:30:00 AM	0.4026	0.4029			N/A
3/18/2019	HUFJPY	11:30:00 AM					N/A
3/18/2019	HUFJPY	1:30:00 PM	0.403	0.4033			N/A
3/18/2019	HUFJPY	3:30:00 PM	0.4028	0.4031			N/A
3/19/2019	HUFJPY	9:30:00 AM	0.4026	0.4029			N/A
3/19/2019	HUFJPY	11:30:00 AM	0.403	0.4033			N/A
3/19/2019	HUFJPY	1:30:00 PM	0.4034	0.4038			N/A
3/19/2019	HUFJPY	3:30:00 PM	0.4043	0.4046			N/A
3/20/2019	HUFJPY	9:30:00 AM	0.4049	0.4052			N/A
3/20/2019	HUFJPY	11:30:00 AM					N/A
3/20/2019	HUFJPY	1:30:00 PM	0.405	0.4053			N/A
3/20/2019	HUFJPY	3:30:00 PM	0.4044	0.4047			N/A
3/21/2019	HUFJPY	9:30:00 AM	0.4024	0.4027			N/A
3/21/2019	HUFJPY	11:30:00 AM	0.4006	0.4009			N/A
3/21/2019	HUFJPY	1:30:00 PM					N/A
3/21/2019	HUFJPY	3:30:00 PM	0.4008	0.4011			N/A
3/22/2019	HUFJPY	9:30:00 AM	0.4012	0.4015			N/A
3/22/2019	HUFJPY	11:30:00 AM					N/A
3/22/2019	HUFJPY	1:30:00 PM	0.3956	0.396			N/A
3/22/2019	HUFJPY	3:30:00 PM	0.3943	0.3946			N/A
3/25/2019	HUFJPY	9:30:00 AM	0.3935	0.3938			N/A
3/25/2019	HUFJPY	11:30:00 AM	0.3943	0.3946			N/A
3/25/2019	HUFJPY	1:30:00 PM	0.3932	0.3935			N/A
3/25/2019	HUFJPY	3:30:00 PM	0.3933	0.3936			N/A
3/26/2019	HUFJPY	9:30:00 AM	0.3943	0.3946			N/A
3/26/2019	HUFJPY	11:30:00 AM					N/A
3/26/2019	HUFJPY	1:30:00 PM	0.3958	0.3961			N/A
3/26/2019	HUFJPY	3:30:00 PM	0.3949	0.3952			N/A
3/27/2019	HUFJPY	9:30:00 AM	0.39	0.3903			N/A
3/27/2019	HUFJPY	11:30:00 AM	0.3903	0.3905			N/A
3/27/2019	HUFJPY	1:30:00 PM	0.3884	0.3887			N/A
3/27/2019	HUFJPY	3:30:00 PM	0.3893	0.3896			N/A
3/28/2019	HUFJPY	9:30:00 AM	0.3881	0.3884			N/A
3/28/2019	HUFJPY	11:30:00 AM					N/A
3/28/2019	HUFJPY	1:30:00 PM					N/A
3/28/2019	HUFJPY	3:30:00 PM	0.3884	0.3888			N/A
3/29/2019	HUFJPY	9:30:00 AM	0.3884	0.3888			N/A
3/29/2019	HUFJPY	11:30:00 AM	0.3882	0.3886			N/A
3/29/2019	HUFJPY	1:30:00 PM	0.388	0.3883			N/A
3/29/2019	HUFJPY	3:30:00 PM	0.3879	0.3883			N/A
1/1/2019	MXNJPY	9:30:00 AM					N/A
1/1/2019	MXNJPY	11:30:00 AM					N/A
1/1/2019	MXNJPY	1:30:00 PM					N/A
1/1/2019	MXNJPY	3:30:00 PM					N/A
1/2/2019	MXNJPY	9:30:00 AM					N/A
1/2/2019	MXNJPY	11:30:00 AM					N/A
1/2/2019	MXNJPY	1:30:00 PM					N/A

1/2/2019	MXNJPY	3:30:00 PM					N/A
1/3/2019	MXNJPY	9:30:00 AM					N/A
1/3/2019	MXNJPY	11:30:00 AM					N/A
1/3/2019	MXNJPY	1:30:00 PM					N/A
1/3/2019	MXNJPY	3:30:00 PM					N/A
1/4/2019	MXNJPY	9:30:00 AM					N/A
1/4/2019	MXNJPY	11:30:00 AM					N/A
1/4/2019	MXNJPY	1:30:00 PM					N/A
1/4/2019	MXNJPY	3:30:00 PM					N/A
1/7/2019	MXNJPY	9:30:00 AM	5.58	5.58			N/A
1/7/2019	MXNJPY	11:30:00 AM					N/A
1/7/2019	MXNJPY	1:30:00 PM	5.57	5.58			N/A
1/7/2019	MXNJPY	3:30:00 PM	5.6	5.61			N/A
1/8/2019	MXNJPY	9:30:00 AM					N/A
1/8/2019	MXNJPY	11:30:00 AM	5.62	5.64			N/A
1/8/2019	MXNJPY	1:30:00 PM	5.61	5.62			N/A
1/8/2019	MXNJPY	3:30:00 PM	5.62	5.63			N/A
1/9/2019	MXNJPY	9:30:00 AM	5.64	5.65			N/A
1/9/2019	MXNJPY	11:30:00 AM					N/A
1/9/2019	MXNJPY	1:30:00 PM	5.62	5.63			N/A
1/9/2019	MXNJPY	3:30:00 PM	5.64	5.65			N/A
1/10/2019	MXNJPY	9:30:00 AM	5.61	5.62			N/A
1/10/2019	MXNJPY	11:30:00 AM					N/A
1/10/2019	MXNJPY	1:30:00 PM	5.61	5.62			N/A
1/10/2019	MXNJPY	3:30:00 PM	5.64	5.65			N/A
1/11/2019	MXNJPY	9:30:00 AM	5.68	5.69			N/A
1/11/2019	MXNJPY	11:30:00 AM					N/A
1/11/2019	MXNJPY	1:30:00 PM	5.67	5.68			N/A
1/11/2019	MXNJPY	3:30:00 PM	5.66	5.67			N/A
1/14/2019	MXNJPY	9:30:00 AM	5.64	5.65			N/A
1/14/2019	MXNJPY	11:30:00 AM	5.65	5.65			N/A
1/14/2019	MXNJPY	1:30:00 PM	5.64	5.64			N/A
1/14/2019	MXNJPY	3:30:00 PM	5.65	5.66			N/A
1/15/2019	MXNJPY	9:30:00 AM	5.73	5.73			N/A
1/15/2019	MXNJPY	11:30:00 AM					N/A
1/15/2019	MXNJPY	1:30:00 PM	5.72	5.72			N/A
1/15/2019	MXNJPY	3:30:00 PM	5.71	5.72			N/A
1/16/2019	MXNJPY	9:30:00 AM	5.73	5.73			N/A
1/16/2019	MXNJPY	11:30:00 AM	5.71	5.72			N/A
1/16/2019	MXNJPY	1:30:00 PM					N/A
1/16/2019	MXNJPY	3:30:00 PM					N/A
1/17/2019	MXNJPY	9:30:00 AM	5.74	5.75			N/A
1/17/2019	MXNJPY	11:30:00 AM					N/A
1/17/2019	MXNJPY	1:30:00 PM	5.74	5.76			N/A
1/17/2019	MXNJPY	3:30:00 PM	5.72	5.73			N/A
1/18/2019	MXNJPY	9:30:00 AM	5.76	5.77			N/A
1/18/2019	MXNJPY	11:30:00 AM	5.75	5.75			N/A
1/18/2019	MXNJPY	1:30:00 PM	5.74	5.75			N/A
1/18/2019	MXNJPY	3:30:00 PM	5.75	5.76			N/A
1/21/2019	MXNJPY	9:30:00 AM	5.71	5.73			N/A

1/21/2019	MXNJPY	11:30:00 AM					N/A
1/21/2019	MXNJPY	1:30:00 PM					N/A
1/21/2019	MXNJPY	3:30:00 PM	5.73	5.73			N/A
1/22/2019	MXNJPY	9:30:00 AM	5.69	5.7			N/A
1/22/2019	MXNJPY	11:30:00 AM					N/A
1/22/2019	MXNJPY	1:30:00 PM	5.69	5.7			N/A
1/22/2019	MXNJPY	3:30:00 PM	5.71	5.73			N/A
1/23/2019	MXNJPY	9:30:00 AM	5.73	5.74			N/A
1/23/2019	MXNJPY	11:30:00 AM					N/A
1/23/2019	MXNJPY	1:30:00 PM	5.74	5.76			N/A
1/23/2019	MXNJPY	3:30:00 PM	5.74	5.74			N/A
1/24/2019	MXNJPY	9:30:00 AM					N/A
1/24/2019	MXNJPY	11:30:00 AM					N/A
1/24/2019	MXNJPY	1:30:00 PM					N/A
1/24/2019	MXNJPY	3:30:00 PM	5.76	5.77			N/A
1/25/2019	MXNJPY	9:30:00 AM	5.79	5.8			N/A
1/25/2019	MXNJPY	11:30:00 AM					N/A
1/25/2019	MXNJPY	1:30:00 PM	5.79	5.8			N/A
1/25/2019	MXNJPY	3:30:00 PM	5.81	5.82			N/A
1/28/2019	MXNJPY	9:30:00 AM	5.74	5.76			N/A
1/28/2019	MXNJPY	11:30:00 AM					N/A
1/28/2019	MXNJPY	1:30:00 PM	5.75	5.76			N/A
1/28/2019	MXNJPY	3:30:00 PM	5.75	5.76			N/A
1/29/2019	MXNJPY	9:30:00 AM					N/A
1/29/2019	MXNJPY	11:30:00 AM					N/A
1/29/2019	MXNJPY	1:30:00 PM					N/A
1/29/2019	MXNJPY	3:30:00 PM	5.77	5.78			N/A
1/30/2019	MXNJPY	9:30:00 AM	5.72	5.73			N/A
1/30/2019	MXNJPY	11:30:00 AM	5.73	5.74			N/A
1/30/2019	MXNJPY	1:30:00 PM	5.72	5.73			N/A
1/30/2019	MXNJPY	3:30:00 PM	5.73	5.74			N/A
1/31/2019	MXNJPY	9:30:00 AM	5.69	5.7			N/A
1/31/2019	MXNJPY	11:30:00 AM					N/A
1/31/2019	MXNJPY	1:30:00 PM	5.68	5.68			N/A
1/31/2019	MXNJPY	3:30:00 PM	5.7	5.71			N/A
2/1/2019	MXNJPY	9:30:00 AM	5.68	5.69			N/A
2/1/2019	MXNJPY	11:30:00 AM	5.7	5.71			N/A
2/1/2019	MXNJPY	1:30:00 PM	5.7	5.71			N/A
2/1/2019	MXNJPY	3:30:00 PM	5.7	5.7			N/A
2/4/2019	MXNJPY	9:30:00 AM	5.74	5.75			N/A
2/4/2019	MXNJPY	11:30:00 AM					N/A
2/4/2019	MXNJPY	1:30:00 PM	5.74	5.75			N/A
2/4/2019	MXNJPY	3:30:00 PM	5.74	5.74			N/A
2/5/2019	MXNJPY	9:30:00 AM	5.77	5.77			N/A
2/5/2019	MXNJPY	11:30:00 AM	5.78	5.79			N/A
2/5/2019	MXNJPY	1:30:00 PM					N/A
2/5/2019	MXNJPY	3:30:00 PM	5.77	5.78			N/A
2/6/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
2/6/2019	MXNJPY	11:30:00 AM					N/A
2/6/2019	MXNJPY	1:30:00 PM					N/A

2/6/2019	MXNJPY	3:30:00 PM	5.74	5.74			N/A
2/7/2019	MXNJPY	9:30:00 AM	5.74	5.76			N/A
2/7/2019	MXNJPY	11:30:00 AM	5.75	5.76			N/A
2/7/2019	MXNJPY	1:30:00 PM	5.73	5.74			N/A
2/7/2019	MXNJPY	3:30:00 PM	5.73	5.74			N/A
2/8/2019	MXNJPY	9:30:00 AM	5.73	5.75			N/A
2/8/2019	MXNJPY	11:30:00 AM					N/A
2/8/2019	MXNJPY	1:30:00 PM	5.76	5.78			N/A
2/8/2019	MXNJPY	3:30:00 PM	5.76	5.77			N/A
2/11/2019	MXNJPY	9:30:00 AM	5.76	5.78			N/A
2/11/2019	MXNJPY	11:30:00 AM					N/A
2/11/2019	MXNJPY	1:30:00 PM	5.76	5.77			N/A
2/11/2019	MXNJPY	3:30:00 PM	5.78	5.78			N/A
2/12/2019	MXNJPY	9:30:00 AM	5.73	5.74			N/A
2/12/2019	MXNJPY	11:30:00 AM					N/A
2/12/2019	MXNJPY	1:30:00 PM	5.74	5.75			N/A
2/12/2019	MXNJPY	3:30:00 PM	5.74	5.75			N/A
2/13/2019	MXNJPY	9:30:00 AM	5.76	5.76			N/A
2/13/2019	MXNJPY	11:30:00 AM	5.75	5.76			N/A
2/13/2019	MXNJPY	1:30:00 PM					N/A
2/13/2019	MXNJPY	3:30:00 PM	5.72	5.72			N/A
2/14/2019	MXNJPY	9:30:00 AM	5.73	5.74			N/A
2/14/2019	MXNJPY	11:30:00 AM					N/A
2/14/2019	MXNJPY	1:30:00 PM	5.72	5.73			N/A
2/14/2019	MXNJPY	3:30:00 PM	5.72	5.73			N/A
2/15/2019	MXNJPY	9:30:00 AM					N/A
2/15/2019	MXNJPY	11:30:00 AM					N/A
2/15/2019	MXNJPY	1:30:00 PM					N/A
2/15/2019	MXNJPY	3:30:00 PM					N/A
2/18/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
2/18/2019	MXNJPY	11:30:00 AM					N/A
2/18/2019	MXNJPY	1:30:00 PM					N/A
2/18/2019	MXNJPY	3:30:00 PM	5.74	5.75			N/A
2/19/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
2/19/2019	MXNJPY	11:30:00 AM	5.74	5.75			N/A
2/19/2019	MXNJPY	1:30:00 PM	5.75	5.76			N/A
2/19/2019	MXNJPY	3:30:00 PM	5.77	5.79			N/A
2/20/2019	MXNJPY	9:30:00 AM	5.79	5.8			N/A
2/20/2019	MXNJPY	11:30:00 AM					N/A
2/20/2019	MXNJPY	1:30:00 PM	5.78	5.79			N/A
2/20/2019	MXNJPY	3:30:00 PM	5.78	5.79			N/A
2/21/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
2/21/2019	MXNJPY	11:30:00 AM	5.76	5.76			N/A
2/21/2019	MXNJPY	1:30:00 PM	5.77	5.78			N/A
2/21/2019	MXNJPY	3:30:00 PM	5.75	5.76			N/A
2/22/2019	MXNJPY	9:30:00 AM	5.74	5.76			N/A
2/22/2019	MXNJPY	11:30:00 AM					N/A
2/22/2019	MXNJPY	1:30:00 PM	5.76	5.77			N/A
2/22/2019	MXNJPY	3:30:00 PM					N/A
2/25/2019	MXNJPY	9:30:00 AM					N/A

2/25/2019	MXNJPY	11:30:00 AM	5.79	5.8			N/A
2/25/2019	MXNJPY	1:30:00 PM					N/A
2/25/2019	MXNJPY	3:30:00 PM	5.81	5.81			N/A
2/26/2019	MXNJPY	9:30:00 AM	5.78	5.79			N/A
2/26/2019	MXNJPY	11:30:00 AM					N/A
2/26/2019	MXNJPY	1:30:00 PM	5.8	5.82			N/A
2/26/2019	MXNJPY	3:30:00 PM	5.8	5.81			N/A
2/27/2019	MXNJPY	9:30:00 AM					N/A
2/27/2019	MXNJPY	11:30:00 AM					N/A
2/27/2019	MXNJPY	1:30:00 PM					N/A
2/27/2019	MXNJPY	3:30:00 PM	5.78	5.79			N/A
2/28/2019	MXNJPY	9:30:00 AM					N/A
2/28/2019	MXNJPY	11:30:00 AM					N/A
2/28/2019	MXNJPY	1:30:00 PM	5.78	5.79			N/A
2/28/2019	MXNJPY	3:30:00 PM	5.78	5.79			N/A
3/1/2019	MXNJPY	9:30:00 AM	5.8	5.81			N/A
3/1/2019	MXNJPY	11:30:00 AM	5.81	5.82			N/A
3/1/2019	MXNJPY	1:30:00 PM	5.81	5.82			N/A
3/1/2019	MXNJPY	3:30:00 PM	5.79	5.8			N/A
3/4/2019	MXNJPY	9:30:00 AM					N/A
3/4/2019	MXNJPY	11:30:00 AM					N/A
3/4/2019	MXNJPY	1:30:00 PM	5.78	5.79			N/A
3/4/2019	MXNJPY	3:30:00 PM	5.79	5.8			N/A
3/5/2019	MXNJPY	9:30:00 AM	5.8	5.82			N/A
3/5/2019	MXNJPY	11:30:00 AM	5.8	5.81			N/A
3/5/2019	MXNJPY	1:30:00 PM					N/A
3/5/2019	MXNJPY	3:30:00 PM					N/A
3/6/2019	MXNJPY	9:30:00 AM	5.8	5.81			N/A
3/6/2019	MXNJPY	11:30:00 AM					N/A
3/6/2019	MXNJPY	1:30:00 PM	5.81	5.82			N/A
3/6/2019	MXNJPY	3:30:00 PM	5.8	5.8			N/A
3/7/2019	MXNJPY	9:30:00 AM	5.78	5.78			N/A
3/7/2019	MXNJPY	11:30:00 AM	5.77	5.78			N/A
3/7/2019	MXNJPY	1:30:00 PM	5.75	5.77			N/A
3/7/2019	MXNJPY	3:30:00 PM	5.77	5.78			N/A
3/8/2019	MXNJPY	9:30:00 AM	5.67	5.68			N/A
3/8/2019	MXNJPY	11:30:00 AM					N/A
3/8/2019	MXNJPY	1:30:00 PM	5.69	5.7			N/A
3/8/2019	MXNJPY	3:30:00 PM	5.67	5.67			N/A
3/11/2019	MXNJPY	9:30:00 AM	5.7	5.71			N/A
3/11/2019	MXNJPY	11:30:00 AM	5.71	5.71			N/A
3/11/2019	MXNJPY	1:30:00 PM	5.71	5.72			N/A
3/11/2019	MXNJPY	3:30:00 PM	5.72	5.73			N/A
3/12/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
3/12/2019	MXNJPY	11:30:00 AM					N/A
3/12/2019	MXNJPY	1:30:00 PM	5.73	5.74			N/A
3/12/2019	MXNJPY	3:30:00 PM	5.76	5.77			N/A
3/13/2019	MXNJPY	9:30:00 AM					N/A
3/13/2019	MXNJPY	11:30:00 AM					N/A
3/13/2019	MXNJPY	1:30:00 PM	5.77	5.78			N/A

3/13/2019	MXNJPY	3:30:00 PM	5.77	5.78			N/A
3/14/2019	MXNJPY	9:30:00 AM	5.78	5.79			N/A
3/14/2019	MXNJPY	11:30:00 AM					N/A
3/14/2019	MXNJPY	1:30:00 PM	5.77	5.79			N/A
3/14/2019	MXNJPY	3:30:00 PM	5.77	5.78			N/A
3/15/2019	MXNJPY	9:30:00 AM	5.79	5.79			N/A
3/15/2019	MXNJPY	11:30:00 AM					N/A
3/15/2019	MXNJPY	1:30:00 PM					N/A
3/15/2019	MXNJPY	3:30:00 PM	5.81	5.81			N/A
3/18/2019	MXNJPY	9:30:00 AM					N/A
3/18/2019	MXNJPY	11:30:00 AM					N/A
3/18/2019	MXNJPY	1:30:00 PM	5.82	5.83			N/A
3/18/2019	MXNJPY	3:30:00 PM					N/A
3/19/2019	MXNJPY	9:30:00 AM					N/A
3/19/2019	MXNJPY	11:30:00 AM	5.84	5.85			N/A
3/19/2019	MXNJPY	1:30:00 PM	5.85	5.86			N/A
3/19/2019	MXNJPY	3:30:00 PM	5.86	5.87			N/A
3/20/2019	MXNJPY	9:30:00 AM	5.87	5.88			N/A
3/20/2019	MXNJPY	11:30:00 AM					N/A
3/20/2019	MXNJPY	1:30:00 PM	5.87	5.88			N/A
3/20/2019	MXNJPY	3:30:00 PM	5.88	5.89			N/A
3/21/2019	MXNJPY	9:30:00 AM	5.88	5.89			N/A
3/21/2019	MXNJPY	11:30:00 AM					N/A
3/21/2019	MXNJPY	1:30:00 PM	5.88	5.88			N/A
3/21/2019	MXNJPY	3:30:00 PM	5.88	5.89			N/A
3/22/2019	MXNJPY	9:30:00 AM	5.88	5.9			N/A
3/22/2019	MXNJPY	11:30:00 AM					N/A
3/22/2019	MXNJPY	1:30:00 PM	5.81	5.83			N/A
3/22/2019	MXNJPY	3:30:00 PM	5.81	5.82			N/A
3/25/2019	MXNJPY	9:30:00 AM	5.75	5.76			N/A
3/25/2019	MXNJPY	11:30:00 AM					N/A
3/25/2019	MXNJPY	1:30:00 PM	5.76	5.77			N/A
3/25/2019	MXNJPY	3:30:00 PM	5.76	5.77			N/A
3/26/2019	MXNJPY	9:30:00 AM	5.79	5.8			N/A
3/26/2019	MXNJPY	11:30:00 AM					N/A
3/26/2019	MXNJPY	1:30:00 PM	5.81	5.82			N/A
3/26/2019	MXNJPY	3:30:00 PM	5.8	5.81			N/A
3/27/2019	MXNJPY	9:30:00 AM	5.78	5.78			N/A
3/27/2019	MXNJPY	11:30:00 AM					N/A
3/27/2019	MXNJPY	1:30:00 PM	5.72	5.73			N/A
3/27/2019	MXNJPY	3:30:00 PM	5.74	5.75			N/A
3/28/2019	MXNJPY	9:30:00 AM	5.69	5.7			N/A
3/28/2019	MXNJPY	11:30:00 AM					N/A
3/28/2019	MXNJPY	1:30:00 PM	5.67	5.68			N/A
3/28/2019	MXNJPY	3:30:00 PM	5.71	5.71			N/A
3/29/2019	MXNJPY	9:30:00 AM	5.71	5.73			N/A
3/29/2019	MXNJPY	11:30:00 AM	5.73	5.74			N/A
3/29/2019	MXNJPY	1:30:00 PM					N/A
3/29/2019	MXNJPY	3:30:00 PM	5.73	5.74			N/A
1/1/2019	NOKJPY	9:30:00 AM					N/A

1/1/2019	NOKJPY	11:30:00 AM					N/A
1/1/2019	NOKJPY	1:30:00 PM					N/A
1/1/2019	NOKJPY	3:30:00 PM					N/A
1/2/2019	NOKJPY	9:30:00 AM					N/A
1/2/2019	NOKJPY	11:30:00 AM					N/A
1/2/2019	NOKJPY	1:30:00 PM					N/A
1/2/2019	NOKJPY	3:30:00 PM					N/A
1/3/2019	NOKJPY	9:30:00 AM					N/A
1/3/2019	NOKJPY	11:30:00 AM					N/A
1/3/2019	NOKJPY	1:30:00 PM					N/A
1/3/2019	NOKJPY	3:30:00 PM					N/A
1/4/2019	NOKJPY	9:30:00 AM					N/A
1/4/2019	NOKJPY	11:30:00 AM					N/A
1/4/2019	NOKJPY	1:30:00 PM					N/A
1/4/2019	NOKJPY	3:30:00 PM					N/A
1/7/2019	NOKJPY	9:30:00 AM	12.58	12.61			N/A
1/7/2019	NOKJPY	11:30:00 AM					N/A
1/7/2019	NOKJPY	1:30:00 PM	12.61	12.64			N/A
1/7/2019	NOKJPY	3:30:00 PM	12.64	12.67			N/A
1/8/2019	NOKJPY	9:30:00 AM	12.74	12.77			N/A
1/8/2019	NOKJPY	11:30:00 AM	12.74	12.77			N/A
1/8/2019	NOKJPY	1:30:00 PM	12.72	12.75			N/A
1/8/2019	NOKJPY	3:30:00 PM	12.73	12.76			N/A
1/9/2019	NOKJPY	9:30:00 AM	12.77	12.8			N/A
1/9/2019	NOKJPY	11:30:00 AM					N/A
1/9/2019	NOKJPY	1:30:00 PM	12.74	12.76			N/A
1/9/2019	NOKJPY	3:30:00 PM	12.75	12.78			N/A
1/10/2019	NOKJPY	9:30:00 AM	12.73	12.76			N/A
1/10/2019	NOKJPY	11:30:00 AM	12.74	12.77			N/A
1/10/2019	NOKJPY	1:30:00 PM	12.75	12.78			N/A
1/10/2019	NOKJPY	3:30:00 PM	12.78	12.81			N/A
1/11/2019	NOKJPY	9:30:00 AM	12.8	12.83			N/A
1/11/2019	NOKJPY	11:30:00 AM					N/A
1/11/2019	NOKJPY	1:30:00 PM					N/A
1/11/2019	NOKJPY	3:30:00 PM	12.79	12.82			N/A
1/14/2019	NOKJPY	9:30:00 AM	12.63	12.65			N/A
1/14/2019	NOKJPY	11:30:00 AM	12.64	12.67			N/A
1/14/2019	NOKJPY	1:30:00 PM	12.63	12.66			N/A
1/14/2019	NOKJPY	3:30:00 PM					N/A
1/15/2019	NOKJPY	9:30:00 AM	12.73	12.76			N/A
1/15/2019	NOKJPY	11:30:00 AM					N/A
1/15/2019	NOKJPY	1:30:00 PM	12.69	12.72			N/A
1/15/2019	NOKJPY	3:30:00 PM	12.7	12.72			N/A
1/16/2019	NOKJPY	9:30:00 AM	12.71	12.74			N/A
1/16/2019	NOKJPY	11:30:00 AM	12.72	12.75			N/A
1/16/2019	NOKJPY	1:30:00 PM	12.73	12.76			N/A
1/16/2019	NOKJPY	3:30:00 PM	12.71	12.74			N/A
1/17/2019	NOKJPY	9:30:00 AM	12.69	12.72			N/A
1/17/2019	NOKJPY	11:30:00 AM					N/A
1/17/2019	NOKJPY	1:30:00 PM	12.7	12.73			N/A

1/17/2019	NOKJPY	3:30:00 PM	12.69	12.72			N/A
1/18/2019	NOKJPY	9:30:00 AM	12.81	12.84			N/A
1/18/2019	NOKJPY	11:30:00 AM	12.83	12.86			N/A
1/18/2019	NOKJPY	1:30:00 PM	12.81	12.85			N/A
1/18/2019	NOKJPY	3:30:00 PM	12.83	12.86			N/A
1/21/2019	NOKJPY	9:30:00 AM					N/A
1/21/2019	NOKJPY	11:30:00 AM					N/A
1/21/2019	NOKJPY	1:30:00 PM	12.79	12.82			N/A
1/21/2019	NOKJPY	3:30:00 PM	12.77	12.8			N/A
1/22/2019	NOKJPY	9:30:00 AM	12.72	12.75			N/A
1/22/2019	NOKJPY	11:30:00 AM	12.73	12.76			N/A
1/22/2019	NOKJPY	1:30:00 PM	12.72	12.75			N/A
1/22/2019	NOKJPY	3:30:00 PM	12.71	12.74			N/A
1/23/2019	NOKJPY	9:30:00 AM	12.76	12.79			N/A
1/23/2019	NOKJPY	11:30:00 AM					N/A
1/23/2019	NOKJPY	1:30:00 PM	12.75	12.78			N/A
1/23/2019	NOKJPY	3:30:00 PM	12.77	12.8			N/A
1/24/2019	NOKJPY	9:30:00 AM	12.78	12.82			N/A
1/24/2019	NOKJPY	11:30:00 AM	12.79	12.82			N/A
1/24/2019	NOKJPY	1:30:00 PM	12.79	12.83			N/A
1/24/2019	NOKJPY	3:30:00 PM	12.77	12.8			N/A
1/25/2019	NOKJPY	9:30:00 AM	12.82	12.84			N/A
1/25/2019	NOKJPY	11:30:00 AM					N/A
1/25/2019	NOKJPY	1:30:00 PM	12.82	12.85			N/A
1/25/2019	NOKJPY	3:30:00 PM	12.84	12.87			N/A
1/28/2019	NOKJPY	9:30:00 AM	12.84	12.87			N/A
1/28/2019	NOKJPY	11:30:00 AM	12.81	12.85			N/A
1/28/2019	NOKJPY	1:30:00 PM	12.84	12.87			N/A
1/28/2019	NOKJPY	3:30:00 PM	12.83	12.86			N/A
1/29/2019	NOKJPY	9:30:00 AM	12.86	12.88			N/A
1/29/2019	NOKJPY	11:30:00 AM					N/A
1/29/2019	NOKJPY	1:30:00 PM					N/A
1/29/2019	NOKJPY	3:30:00 PM	12.87	12.9			N/A
1/30/2019	NOKJPY	9:30:00 AM	12.86	12.89			N/A
1/30/2019	NOKJPY	11:30:00 AM					N/A
1/30/2019	NOKJPY	1:30:00 PM					N/A
1/30/2019	NOKJPY	3:30:00 PM	12.9	12.93			N/A
1/31/2019	NOKJPY	9:30:00 AM	12.92	12.95			N/A
1/31/2019	NOKJPY	11:30:00 AM					N/A
1/31/2019	NOKJPY	1:30:00 PM	12.91	12.94			N/A
1/31/2019	NOKJPY	3:30:00 PM	12.9	12.93			N/A
2/1/2019	NOKJPY	9:30:00 AM	12.89	12.92			N/A
2/1/2019	NOKJPY	11:30:00 AM	12.9	12.93			N/A
2/1/2019	NOKJPY	1:30:00 PM	12.91	12.94			N/A
2/1/2019	NOKJPY	3:30:00 PM	12.92	12.95			N/A
2/4/2019	NOKJPY	9:30:00 AM	12.99	13.02			N/A
2/4/2019	NOKJPY	11:30:00 AM					N/A
2/4/2019	NOKJPY	1:30:00 PM	12.97	13			N/A
2/4/2019	NOKJPY	3:30:00 PM	12.96	12.99			N/A
2/5/2019	NOKJPY	9:30:00 AM	12.97	13			N/A

2/5/2019	NOKJPY	11:30:00 AM	12.98	13.01			N/A
2/5/2019	NOKJPY	1:30:00 PM	12.97	13			N/A
2/5/2019	NOKJPY	3:30:00 PM	12.96	12.99			N/A
2/6/2019	NOKJPY	9:30:00 AM	12.9	12.93			N/A
2/6/2019	NOKJPY	11:30:00 AM					N/A
2/6/2019	NOKJPY	1:30:00 PM	12.88	12.91			N/A
2/6/2019	NOKJPY	3:30:00 PM	12.89	12.92			N/A
2/7/2019	NOKJPY	9:30:00 AM	12.83	12.87			N/A
2/7/2019	NOKJPY	11:30:00 AM	12.83	12.85			N/A
2/7/2019	NOKJPY	1:30:00 PM	12.78	12.82			N/A
2/7/2019	NOKJPY	3:30:00 PM	12.78	12.81			N/A
2/8/2019	NOKJPY	9:30:00 AM	12.75	12.78			N/A
2/8/2019	NOKJPY	11:30:00 AM					N/A
2/8/2019	NOKJPY	1:30:00 PM	12.75	12.78			N/A
2/8/2019	NOKJPY	3:30:00 PM	12.75	12.78			N/A
2/11/2019	NOKJPY	9:30:00 AM	12.65	12.68			N/A
2/11/2019	NOKJPY	11:30:00 AM	12.68	12.71			N/A
2/11/2019	NOKJPY	1:30:00 PM					N/A
2/11/2019	NOKJPY	3:30:00 PM	12.69	12.72			N/A
2/12/2019	NOKJPY	9:30:00 AM	12.7	12.73			N/A
2/12/2019	NOKJPY	11:30:00 AM					N/A
2/12/2019	NOKJPY	1:30:00 PM	12.71	12.74			N/A
2/12/2019	NOKJPY	3:30:00 PM	12.72	12.75			N/A
2/13/2019	NOKJPY	9:30:00 AM	12.82	12.86			N/A
2/13/2019	NOKJPY	11:30:00 AM	12.83	12.85			N/A
2/13/2019	NOKJPY	1:30:00 PM	12.81	12.84			N/A
2/13/2019	NOKJPY	3:30:00 PM	12.81	12.84			N/A
2/14/2019	NOKJPY	9:30:00 AM	12.86	12.89			N/A
2/14/2019	NOKJPY	11:30:00 AM					N/A
2/14/2019	NOKJPY	1:30:00 PM	12.82	12.85			N/A
2/14/2019	NOKJPY	3:30:00 PM	12.8	12.83			N/A
2/15/2019	NOKJPY	9:30:00 AM					N/A
2/15/2019	NOKJPY	11:30:00 AM					N/A
2/15/2019	NOKJPY	1:30:00 PM					N/A
2/15/2019	NOKJPY	3:30:00 PM					N/A
2/18/2019	NOKJPY	9:30:00 AM	12.82	12.84			N/A
2/18/2019	NOKJPY	11:30:00 AM					N/A
2/18/2019	NOKJPY	1:30:00 PM					N/A
2/18/2019	NOKJPY	3:30:00 PM	12.83	12.86			N/A
2/19/2019	NOKJPY	9:30:00 AM					N/A
2/19/2019	NOKJPY	11:30:00 AM	12.83	12.85			N/A
2/19/2019	NOKJPY	1:30:00 PM	12.82	12.85			N/A
2/19/2019	NOKJPY	3:30:00 PM	12.83	12.86			N/A
2/20/2019	NOKJPY	9:30:00 AM	12.92	12.95			N/A
2/20/2019	NOKJPY	11:30:00 AM					N/A
2/20/2019	NOKJPY	1:30:00 PM	12.9	12.92			N/A
2/20/2019	NOKJPY	3:30:00 PM					N/A
2/21/2019	NOKJPY	9:30:00 AM	12.86	12.88			N/A
2/21/2019	NOKJPY	11:30:00 AM	12.81	12.84			N/A
2/21/2019	NOKJPY	1:30:00 PM	12.85	12.87			N/A

2/21/2019	NOKJPY	3:30:00 PM	12.84	12.86			N/A
2/22/2019	NOKJPY	9:30:00 AM	12.84	12.87			N/A
2/22/2019	NOKJPY	11:30:00 AM					N/A
2/22/2019	NOKJPY	1:30:00 PM					N/A
2/22/2019	NOKJPY	3:30:00 PM	12.85	12.87			N/A
2/25/2019	NOKJPY	9:30:00 AM	12.88	12.91			N/A
2/25/2019	NOKJPY	11:30:00 AM					N/A
2/25/2019	NOKJPY	1:30:00 PM					N/A
2/25/2019	NOKJPY	3:30:00 PM	12.88	12.9			N/A
2/26/2019	NOKJPY	9:30:00 AM	12.85	12.88			N/A
2/26/2019	NOKJPY	11:30:00 AM					N/A
2/26/2019	NOKJPY	1:30:00 PM					N/A
2/26/2019	NOKJPY	3:30:00 PM	12.88	12.9			N/A
2/27/2019	NOKJPY	9:30:00 AM					N/A
2/27/2019	NOKJPY	11:30:00 AM					N/A
2/27/2019	NOKJPY	1:30:00 PM	12.95	12.98			N/A
2/27/2019	NOKJPY	3:30:00 PM	12.96	12.99			N/A
2/28/2019	NOKJPY	9:30:00 AM	12.94	12.97			N/A
2/28/2019	NOKJPY	11:30:00 AM					N/A
2/28/2019	NOKJPY	1:30:00 PM	12.98	13.01			N/A
2/28/2019	NOKJPY	3:30:00 PM	12.99	13.01			N/A
3/1/2019	NOKJPY	9:30:00 AM	13.06	13.08			N/A
3/1/2019	NOKJPY	11:30:00 AM	13.06	13.09			N/A
3/1/2019	NOKJPY	1:30:00 PM	13.07	13.1			N/A
3/1/2019	NOKJPY	3:30:00 PM	13.07	13.1			N/A
3/4/2019	NOKJPY	9:30:00 AM	13.03	13.06			N/A
3/4/2019	NOKJPY	11:30:00 AM					N/A
3/4/2019	NOKJPY	1:30:00 PM					N/A
3/4/2019	NOKJPY	3:30:00 PM	12.99	13.02			N/A
3/5/2019	NOKJPY	9:30:00 AM	12.89	12.92			N/A
3/5/2019	NOKJPY	11:30:00 AM	12.92	12.95			N/A
3/5/2019	NOKJPY	1:30:00 PM	12.93	12.96			N/A
3/5/2019	NOKJPY	3:30:00 PM	12.92	12.95			N/A
3/6/2019	NOKJPY	9:30:00 AM	12.87	12.9			N/A
3/6/2019	NOKJPY	11:30:00 AM					N/A
3/6/2019	NOKJPY	1:30:00 PM	12.87	12.9			N/A
3/6/2019	NOKJPY	3:30:00 PM	12.87	12.89			N/A
3/7/2019	NOKJPY	9:30:00 AM					N/A
3/7/2019	NOKJPY	11:30:00 AM	12.89	12.92			N/A
3/7/2019	NOKJPY	1:30:00 PM	12.88	12.91			N/A
3/7/2019	NOKJPY	3:30:00 PM	12.85	12.88			N/A
3/8/2019	NOKJPY	9:30:00 AM	12.59	12.62			N/A
3/8/2019	NOKJPY	11:30:00 AM					N/A
3/8/2019	NOKJPY	1:30:00 PM	12.64	12.67			N/A
3/8/2019	NOKJPY	3:30:00 PM	12.62	12.63			N/A
3/11/2019	NOKJPY	9:30:00 AM	12.77	12.8			N/A
3/11/2019	NOKJPY	11:30:00 AM	12.78	12.81			N/A
3/11/2019	NOKJPY	1:30:00 PM	12.79	12.82			N/A
3/11/2019	NOKJPY	3:30:00 PM	12.78	12.81			N/A
3/12/2019	NOKJPY	9:30:00 AM	12.84	12.88			N/A

3/12/2019	NOKJPY	11:30:00 AM					N/A
3/12/2019	NOKJPY	1:30:00 PM	12.83	12.86			N/A
3/12/2019	NOKJPY	3:30:00 PM	12.86	12.88			N/A
3/13/2019	NOKJPY	9:30:00 AM	12.88	12.91			N/A
3/13/2019	NOKJPY	11:30:00 AM	12.92	12.95			N/A
3/13/2019	NOKJPY	1:30:00 PM	12.92	12.95			N/A
3/13/2019	NOKJPY	3:30:00 PM	12.93	12.96			N/A
3/14/2019	NOKJPY	9:30:00 AM	13.01	13.04			N/A
3/14/2019	NOKJPY	11:30:00 AM					N/A
3/14/2019	NOKJPY	1:30:00 PM	12.95	12.98			N/A
3/14/2019	NOKJPY	3:30:00 PM	12.97	13			N/A
3/15/2019	NOKJPY	9:30:00 AM	13.04	13.07			N/A
3/15/2019	NOKJPY	11:30:00 AM					N/A
3/15/2019	NOKJPY	1:30:00 PM	13.06	13.09			N/A
3/15/2019	NOKJPY	3:30:00 PM	13.02	13.04			N/A
3/18/2019	NOKJPY	9:30:00 AM	13.09	13.11			N/A
3/18/2019	NOKJPY	11:30:00 AM					N/A
3/18/2019	NOKJPY	1:30:00 PM					N/A
3/18/2019	NOKJPY	3:30:00 PM	13.07	13.1			N/A
3/19/2019	NOKJPY	9:30:00 AM	13	13.03			N/A
3/19/2019	NOKJPY	11:30:00 AM					N/A
3/19/2019	NOKJPY	1:30:00 PM	13.04	13.07			N/A
3/19/2019	NOKJPY	3:30:00 PM	13.07	13.1			N/A
3/20/2019	NOKJPY	9:30:00 AM					N/A
3/20/2019	NOKJPY	11:30:00 AM					N/A
3/20/2019	NOKJPY	1:30:00 PM	13.05	13.08			N/A
3/20/2019	NOKJPY	3:30:00 PM	13.06	13.08			N/A
3/21/2019	NOKJPY	9:30:00 AM	13.01	13.03			N/A
3/21/2019	NOKJPY	11:30:00 AM	13.09	13.12			N/A
3/21/2019	NOKJPY	1:30:00 PM	13.07	13.1			N/A
3/21/2019	NOKJPY	3:30:00 PM	13.09	13.12			N/A
3/22/2019	NOKJPY	9:30:00 AM	13.11	13.14			N/A
3/22/2019	NOKJPY	11:30:00 AM					N/A
3/22/2019	NOKJPY	1:30:00 PM	12.94	12.97			N/A
3/22/2019	NOKJPY	3:30:00 PM	12.91	12.94			N/A
3/25/2019	NOKJPY	9:30:00 AM	12.86	12.88			N/A
3/25/2019	NOKJPY	11:30:00 AM	12.92	12.95			N/A
3/25/2019	NOKJPY	1:30:00 PM	12.89	12.92			N/A
3/25/2019	NOKJPY	3:30:00 PM	12.87	12.9			N/A
3/26/2019	NOKJPY	9:30:00 AM					N/A
3/26/2019	NOKJPY	11:30:00 AM					N/A
3/26/2019	NOKJPY	1:30:00 PM	12.94	12.97			N/A
3/26/2019	NOKJPY	3:30:00 PM	12.93	12.96			N/A
3/27/2019	NOKJPY	9:30:00 AM	12.89	12.92			N/A
3/27/2019	NOKJPY	11:30:00 AM	12.9	12.93			N/A
3/27/2019	NOKJPY	1:30:00 PM	12.84	12.87			N/A
3/27/2019	NOKJPY	3:30:00 PM	12.83	12.86			N/A
3/28/2019	NOKJPY	9:30:00 AM	12.76	12.79			N/A
3/28/2019	NOKJPY	11:30:00 AM					N/A
3/28/2019	NOKJPY	1:30:00 PM	12.71	12.74			N/A

3/28/2019	NOKJPY	3:30:00 PM	12.75	12.78			N/A
3/29/2019	NOKJPY	9:30:00 AM					N/A
3/29/2019	NOKJPY	11:30:00 AM	12.81	12.84			N/A
3/29/2019	NOKJPY	1:30:00 PM	12.84	12.87			N/A
3/29/2019	NOKJPY	3:30:00 PM	12.87	12.9			N/A
1/1/2019	NZDCAD	9:30:00 AM					N/A
1/1/2019	NZDCAD	11:30:00 AM					N/A
1/1/2019	NZDCAD	1:30:00 PM					N/A
1/1/2019	NZDCAD	3:30:00 PM					N/A
1/2/2019	NZDCAD	9:30:00 AM					N/A
1/2/2019	NZDCAD	11:30:00 AM					N/A
1/2/2019	NZDCAD	1:30:00 PM					N/A
1/2/2019	NZDCAD	3:30:00 PM					N/A
1/3/2019	NZDCAD	9:30:00 AM					N/A
1/3/2019	NZDCAD	11:30:00 AM					N/A
1/3/2019	NZDCAD	1:30:00 PM					N/A
1/3/2019	NZDCAD	3:30:00 PM					N/A
1/4/2019	NZDCAD	9:30:00 AM					N/A
1/4/2019	NZDCAD	11:30:00 AM					N/A
1/4/2019	NZDCAD	1:30:00 PM					N/A
1/4/2019	NZDCAD	3:30:00 PM					N/A
1/7/2019	NZDCAD	9:30:00 AM	0.90121	0.90179			N/A
1/7/2019	NZDCAD	11:30:00 AM					N/A
1/7/2019	NZDCAD	1:30:00 PM	0.90272	0.9034			N/A
1/7/2019	NZDCAD	3:30:00 PM	0.90235	0.90277			N/A
1/8/2019	NZDCAD	9:30:00 AM	0.89481	0.89514			N/A
1/8/2019	NZDCAD	11:30:00 AM	0.8945	0.89502			N/A
1/8/2019	NZDCAD	1:30:00 PM	0.89426	0.89491			N/A
1/8/2019	NZDCAD	3:30:00 PM	0.89329	0.89381			N/A
1/9/2019	NZDCAD	9:30:00 AM	0.89368	0.89427			N/A
1/9/2019	NZDCAD	11:30:00 AM					N/A
1/9/2019	NZDCAD	1:30:00 PM	0.89681	0.89734			N/A
1/9/2019	NZDCAD	3:30:00 PM	0.89685	0.89755			N/A
1/10/2019	NZDCAD	9:30:00 AM	0.89808	0.89868			N/A
1/10/2019	NZDCAD	11:30:00 AM	0.89729	0.89781			N/A
1/10/2019	NZDCAD	1:30:00 PM	0.89598	0.89664			N/A
1/10/2019	NZDCAD	3:30:00 PM	0.89745	0.89799			N/A
1/11/2019	NZDCAD	9:30:00 AM	0.901	0.90158			N/A
1/11/2019	NZDCAD	11:30:00 AM					N/A
1/11/2019	NZDCAD	1:30:00 PM	0.90189	0.9025			N/A
1/11/2019	NZDCAD	3:30:00 PM	0.90326	0.90374			N/A
1/14/2019	NZDCAD	9:30:00 AM	0.90353	0.90414			N/A
1/14/2019	NZDCAD	11:30:00 AM	0.90324	0.90386			N/A
1/14/2019	NZDCAD	1:30:00 PM	0.90513	0.90575			N/A
1/14/2019	NZDCAD	3:30:00 PM	0.90477	0.9053			N/A
1/15/2019	NZDCAD	9:30:00 AM	0.90696	0.90761			N/A
1/15/2019	NZDCAD	11:30:00 AM					N/A
1/15/2019	NZDCAD	1:30:00 PM	0.90445	0.90514			N/A
1/15/2019	NZDCAD	3:30:00 PM	0.90335	0.90376			N/A
1/16/2019	NZDCAD	9:30:00 AM	0.90411	0.90478			N/A

1/16/2019	NZDCAD	11:30:00 AM	0.9018	0.90239			N/A
1/16/2019	NZDCAD	1:30:00 PM	0.89751	0.89772			N/A
1/16/2019	NZDCAD	3:30:00 PM	0.89749	0.89818			N/A
1/17/2019	NZDCAD	9:30:00 AM	0.89496	0.89535			N/A
1/17/2019	NZDCAD	11:30:00 AM					N/A
1/17/2019	NZDCAD	1:30:00 PM	0.89452	0.89513			N/A
1/17/2019	NZDCAD	3:30:00 PM	0.89725	0.89769			N/A
1/18/2019	NZDCAD	9:30:00 AM	0.89742	0.89803			N/A
1/18/2019	NZDCAD	11:30:00 AM	0.89612	0.89683			N/A
1/18/2019	NZDCAD	1:30:00 PM	0.89719	0.89791			N/A
1/18/2019	NZDCAD	3:30:00 PM	0.89625	0.89657			N/A
1/21/2019	NZDCAD	9:30:00 AM	0.89304	0.89366			N/A
1/21/2019	NZDCAD	11:30:00 AM					N/A
1/21/2019	NZDCAD	1:30:00 PM	0.89392	0.89465			N/A
1/21/2019	NZDCAD	3:30:00 PM	0.8939	0.89452			N/A
1/22/2019	NZDCAD	9:30:00 AM	0.89527	0.89567			N/A
1/22/2019	NZDCAD	11:30:00 AM	0.89447	0.89508			N/A
1/22/2019	NZDCAD	1:30:00 PM	0.89404	0.8946			N/A
1/22/2019	NZDCAD	3:30:00 PM	0.89564	0.89578			N/A
1/23/2019	NZDCAD	9:30:00 AM	0.90366	0.90432			N/A
1/23/2019	NZDCAD	11:30:00 AM					N/A
1/23/2019	NZDCAD	1:30:00 PM	0.90453	0.90528			N/A
1/23/2019	NZDCAD	3:30:00 PM	0.90386	0.90403			N/A
1/24/2019	NZDCAD	9:30:00 AM	0.90478	0.90539			N/A
1/24/2019	NZDCAD	11:30:00 AM	0.90376	0.90436			N/A
1/24/2019	NZDCAD	1:30:00 PM	0.90373	0.90434			N/A
1/24/2019	NZDCAD	3:30:00 PM	0.90494	0.90545			N/A
1/25/2019	NZDCAD	9:30:00 AM	0.90161	0.90204			N/A
1/25/2019	NZDCAD	11:30:00 AM					N/A
1/25/2019	NZDCAD	1:30:00 PM	0.90204	0.90266			N/A
1/25/2019	NZDCAD	3:30:00 PM	0.90341	0.90409			N/A
1/28/2019	NZDCAD	9:30:00 AM	0.90624	0.90683			N/A
1/28/2019	NZDCAD	11:30:00 AM	0.90535	0.90597			N/A
1/28/2019	NZDCAD	1:30:00 PM	0.90526	0.90595			N/A
1/28/2019	NZDCAD	3:30:00 PM	0.90604	0.90668			N/A
1/29/2019	NZDCAD	9:30:00 AM	0.90803	0.90861			N/A
1/29/2019	NZDCAD	11:30:00 AM					N/A
1/29/2019	NZDCAD	1:30:00 PM	0.90725	0.90778			N/A
1/29/2019	NZDCAD	3:30:00 PM	0.90694	0.90762			N/A
1/30/2019	NZDCAD	9:30:00 AM	0.90769	0.90837			N/A
1/30/2019	NZDCAD	11:30:00 AM	0.90555	0.90624			N/A
1/30/2019	NZDCAD	1:30:00 PM	0.90505	0.90579			N/A
1/30/2019	NZDCAD	3:30:00 PM	0.90212	0.90267			N/A
1/31/2019	NZDCAD	9:30:00 AM	0.90778	0.90834			N/A
1/31/2019	NZDCAD	11:30:00 AM					N/A
1/31/2019	NZDCAD	1:30:00 PM	0.90753	0.90821			N/A
1/31/2019	NZDCAD	3:30:00 PM	0.90966	0.91004			N/A
2/1/2019	NZDCAD	9:30:00 AM	0.90809	0.9088			N/A
2/1/2019	NZDCAD	11:30:00 AM	0.90916	0.90974			N/A
2/1/2019	NZDCAD	1:30:00 PM	0.90944	0.91015			N/A

2/1/2019	NZDCAD	3:30:00 PM	0.90948	0.90914			N/A
2/4/2019	NZDCAD	9:30:00 AM	0.90303	0.90368			N/A
2/4/2019	NZDCAD	11:30:00 AM					N/A
2/4/2019	NZDCAD	1:30:00 PM	0.90161	0.90222			N/A
2/4/2019	NZDCAD	3:30:00 PM	0.90225	0.90288			N/A
2/5/2019	NZDCAD	9:30:00 AM	0.9042	0.90487			N/A
2/5/2019	NZDCAD	11:30:00 AM	0.90239	0.90307			N/A
2/5/2019	NZDCAD	1:30:00 PM	0.90329	0.90377			N/A
2/5/2019	NZDCAD	3:30:00 PM	0.90543	0.90608			N/A
2/6/2019	NZDCAD	9:30:00 AM	0.90381	0.90421			N/A
2/6/2019	NZDCAD	11:30:00 AM					N/A
2/6/2019	NZDCAD	1:30:00 PM	0.90384	0.90455			N/A
2/6/2019	NZDCAD	3:30:00 PM	0.9031	0.90343			N/A
2/7/2019	NZDCAD	9:30:00 AM	0.89383	0.8945			N/A
2/7/2019	NZDCAD	11:30:00 AM	0.89378	0.8945			N/A
2/7/2019	NZDCAD	1:30:00 PM	0.8946	0.89517			N/A
2/7/2019	NZDCAD	3:30:00 PM	0.89669	0.89727			N/A
2/8/2019	NZDCAD	9:30:00 AM	0.89962	0.9002			N/A
2/8/2019	NZDCAD	11:30:00 AM					N/A
2/8/2019	NZDCAD	1:30:00 PM	0.89841	0.89909			N/A
2/8/2019	NZDCAD	3:30:00 PM	0.89624	0.89477			N/A
2/11/2019	NZDCAD	9:30:00 AM	0.89864	0.8994			N/A
2/11/2019	NZDCAD	11:30:00 AM	0.89586	0.89652			N/A
2/11/2019	NZDCAD	1:30:00 PM	0.89525	0.89595			N/A
2/11/2019	NZDCAD	3:30:00 PM	0.89532	0.89593			N/A
2/12/2019	NZDCAD	9:30:00 AM	0.89375	0.89448			N/A
2/12/2019	NZDCAD	11:30:00 AM					N/A
2/12/2019	NZDCAD	1:30:00 PM	0.89311	0.89374			N/A
2/12/2019	NZDCAD	3:30:00 PM	0.89278	0.89345			N/A
2/13/2019	NZDCAD	9:30:00 AM	0.9032	0.90382			N/A
2/13/2019	NZDCAD	11:30:00 AM	0.90227	0.90265			N/A
2/13/2019	NZDCAD	1:30:00 PM	0.90183	0.90258			N/A
2/13/2019	NZDCAD	3:30:00 PM	0.90237	0.90264			N/A
2/14/2019	NZDCAD	9:30:00 AM	0.90509	0.90568			N/A
2/14/2019	NZDCAD	11:30:00 AM					N/A
2/14/2019	NZDCAD	1:30:00 PM	0.90574	0.90635			N/A
2/14/2019	NZDCAD	3:30:00 PM	0.90844	0.90847			N/A
2/15/2019	NZDCAD	9:30:00 AM					N/A
2/15/2019	NZDCAD	11:30:00 AM					N/A
2/15/2019	NZDCAD	1:30:00 PM					N/A
2/15/2019	NZDCAD	3:30:00 PM					N/A
2/18/2019	NZDCAD	9:30:00 AM	0.90906	0.90968			N/A
2/18/2019	NZDCAD	11:30:00 AM					N/A
2/18/2019	NZDCAD	1:30:00 PM	0.90954	0.91017			N/A
2/18/2019	NZDCAD	3:30:00 PM	0.90988	0.91054			N/A
2/19/2019	NZDCAD	9:30:00 AM	0.9059	0.90662			N/A
2/19/2019	NZDCAD	11:30:00 AM	0.9051	0.90574			N/A
2/19/2019	NZDCAD	1:30:00 PM	0.90362	0.90432			N/A
2/19/2019	NZDCAD	3:30:00 PM	0.90375	0.90423			N/A
2/20/2019	NZDCAD	9:30:00 AM	0.90554	0.90601			N/A

2/20/2019	NZDCAD	11:30:00 AM					N/A
2/20/2019	NZDCAD	1:30:00 PM	0.90387	0.90438			N/A
2/20/2019	NZDCAD	3:30:00 PM	0.90575	0.90629			N/A
2/21/2019	NZDCAD	9:30:00 AM	0.89978	0.9001			N/A
2/21/2019	NZDCAD	11:30:00 AM	0.89931	0.90001			N/A
2/21/2019	NZDCAD	1:30:00 PM	0.89864	0.89931			N/A
2/21/2019	NZDCAD	3:30:00 PM	0.89835	0.89833			N/A
2/22/2019	NZDCAD	9:30:00 AM	0.89836	0.89892			N/A
2/22/2019	NZDCAD	11:30:00 AM					N/A
2/22/2019	NZDCAD	1:30:00 PM	0.89881	0.89942			N/A
2/22/2019	NZDCAD	3:30:00 PM	0.90126	0.90076			N/A
2/25/2019	NZDCAD	9:30:00 AM	0.90088	0.90157			N/A
2/25/2019	NZDCAD	11:30:00 AM	0.90263	0.90336			N/A
2/25/2019	NZDCAD	1:30:00 PM	0.90448	0.90516			N/A
2/25/2019	NZDCAD	3:30:00 PM	0.90601	0.90653			N/A
2/26/2019	NZDCAD	9:30:00 AM	0.90898	0.90954			N/A
2/26/2019	NZDCAD	11:30:00 AM					N/A
2/26/2019	NZDCAD	1:30:00 PM	0.90843	0.90906			N/A
2/26/2019	NZDCAD	3:30:00 PM	0.90939	0.90982			N/A
2/27/2019	NZDCAD	9:30:00 AM	0.90766	0.90818			N/A
2/27/2019	NZDCAD	11:30:00 AM	0.90422	0.90486			N/A
2/27/2019	NZDCAD	1:30:00 PM	0.90205	0.90276			N/A
2/27/2019	NZDCAD	3:30:00 PM	0.90263	0.90261			N/A
2/28/2019	NZDCAD	9:30:00 AM	0.9012	0.90188			N/A
2/28/2019	NZDCAD	11:30:00 AM					N/A
2/28/2019	NZDCAD	1:30:00 PM	0.90012	0.90067			N/A
2/28/2019	NZDCAD	3:30:00 PM	0.90209	0.9016			N/A
3/1/2019	NZDCAD	9:30:00 AM	0.89586	0.89657			N/A
3/1/2019	NZDCAD	11:30:00 AM	0.89505	0.89573			N/A
3/1/2019	NZDCAD	1:30:00 PM	0.89672	0.89733			N/A
3/1/2019	NZDCAD	3:30:00 PM	0.90145	0.90124			N/A
3/4/2019	NZDCAD	9:30:00 AM	0.90455	0.90526			N/A
3/4/2019	NZDCAD	11:30:00 AM					N/A
3/4/2019	NZDCAD	1:30:00 PM	0.90597	0.90651			N/A
3/4/2019	NZDCAD	3:30:00 PM	0.90579	0.90648			N/A
3/5/2019	NZDCAD	9:30:00 AM	0.90527	0.9058			N/A
3/5/2019	NZDCAD	11:30:00 AM	0.90667	0.90731			N/A
3/5/2019	NZDCAD	1:30:00 PM	0.90595	0.90654			N/A
3/5/2019	NZDCAD	3:30:00 PM	0.90607	0.90656			N/A
3/6/2019	NZDCAD	9:30:00 AM	0.90494	0.90557			N/A
3/6/2019	NZDCAD	11:30:00 AM					N/A
3/6/2019	NZDCAD	1:30:00 PM	0.90597	0.90667			N/A
3/6/2019	NZDCAD	3:30:00 PM	0.9066	0.90697			N/A
3/7/2019	NZDCAD	9:30:00 AM	0.91168	0.91239			N/A
3/7/2019	NZDCAD	11:30:00 AM	0.91089	0.91153			N/A
3/7/2019	NZDCAD	1:30:00 PM	0.91132	0.91186			N/A
3/7/2019	NZDCAD	3:30:00 PM	0.90976	0.91038			N/A
3/8/2019	NZDCAD	9:30:00 AM	0.90994	0.91057			N/A
3/8/2019	NZDCAD	11:30:00 AM					N/A
3/8/2019	NZDCAD	1:30:00 PM	0.9131	0.91381			N/A

3/8/2019	NZDCAD	3:30:00 PM	0.91302	0.91179			N/A
3/11/2019	NZDCAD	9:30:00 AM	0.91354	0.91423			N/A
3/11/2019	NZDCAD	11:30:00 AM	0.9142	0.91479			N/A
3/11/2019	NZDCAD	1:30:00 PM	0.91314	0.91378			N/A
3/11/2019	NZDCAD	3:30:00 PM	0.9152	0.91561			N/A
3/12/2019	NZDCAD	9:30:00 AM	0.91652	0.91716			N/A
3/12/2019	NZDCAD	11:30:00 AM					N/A
3/12/2019	NZDCAD	1:30:00 PM	0.91715	0.91784			N/A
3/12/2019	NZDCAD	3:30:00 PM	0.9186	0.91922			N/A
3/13/2019	NZDCAD	9:30:00 AM	0.91285	0.91358			N/A
3/13/2019	NZDCAD	11:30:00 AM	0.91344	0.91408			N/A
3/13/2019	NZDCAD	1:30:00 PM	0.91308	0.91373			N/A
3/13/2019	NZDCAD	3:30:00 PM	0.91174	0.91195			N/A
3/14/2019	NZDCAD	9:30:00 AM	0.91048	0.91112			N/A
3/14/2019	NZDCAD	11:30:00 AM					N/A
3/14/2019	NZDCAD	1:30:00 PM	0.90838	0.90898			N/A
3/14/2019	NZDCAD	3:30:00 PM	0.90882	0.90929			N/A
3/15/2019	NZDCAD	9:30:00 AM	0.9105	0.91104			N/A
3/15/2019	NZDCAD	11:30:00 AM	0.91119	0.91188			N/A
3/15/2019	NZDCAD	1:30:00 PM	0.91127	0.91195			N/A
3/15/2019	NZDCAD	3:30:00 PM	0.91425	0.91472			N/A
3/18/2019	NZDCAD	9:30:00 AM	0.91377	0.91447			N/A
3/18/2019	NZDCAD	11:30:00 AM					N/A
3/18/2019	NZDCAD	1:30:00 PM	0.91459	0.91516			N/A
3/18/2019	NZDCAD	3:30:00 PM	0.91505	0.91551			N/A
3/19/2019	NZDCAD	9:30:00 AM	0.91376	0.91448			N/A
3/19/2019	NZDCAD	11:30:00 AM	0.91315	0.91385			N/A
3/19/2019	NZDCAD	1:30:00 PM	0.91276	0.91339			N/A
3/19/2019	NZDCAD	3:30:00 PM	0.91021	0.91079			N/A
3/20/2019	NZDCAD	9:30:00 AM	0.91217	0.91282			N/A
3/20/2019	NZDCAD	11:30:00 AM					N/A
3/20/2019	NZDCAD	1:30:00 PM	0.91273	0.91337			N/A
3/20/2019	NZDCAD	3:30:00 PM	0.91279	0.91335			N/A
3/21/2019	NZDCAD	9:30:00 AM	0.92051	0.92105			N/A
3/21/2019	NZDCAD	11:30:00 AM	0.91991	0.92042			N/A
3/21/2019	NZDCAD	1:30:00 PM	0.91935	0.91997			N/A
3/21/2019	NZDCAD	3:30:00 PM	0.91973	0.92018			N/A
3/22/2019	NZDCAD	9:30:00 AM	0.92047	0.92116			N/A
3/22/2019	NZDCAD	11:30:00 AM					N/A
3/22/2019	NZDCAD	1:30:00 PM	0.91983	0.92042			N/A
3/22/2019	NZDCAD	3:30:00 PM	0.92198	0.92249			N/A
3/25/2019	NZDCAD	9:30:00 AM	0.92311	0.92378			N/A
3/25/2019	NZDCAD	11:30:00 AM	0.92232	0.92298			N/A
3/25/2019	NZDCAD	1:30:00 PM	0.92334	0.92384			N/A
3/25/2019	NZDCAD	3:30:00 PM	0.92626	0.92662			N/A
3/26/2019	NZDCAD	9:30:00 AM	0.92446	0.92515			N/A
3/26/2019	NZDCAD	11:30:00 AM					N/A
3/26/2019	NZDCAD	1:30:00 PM	0.92448	0.92504			N/A
3/26/2019	NZDCAD	3:30:00 PM	0.92512	0.92541			N/A
3/27/2019	NZDCAD	9:30:00 AM	0.91194	0.91258			N/A

3/27/2019	NZDCAD	11:30:00 AM	0.91129	0.9118			N/A
3/27/2019	NZDCAD	1:30:00 PM	0.91212	0.9128			N/A
3/27/2019	NZDCAD	3:30:00 PM	0.91193	0.91228			N/A
3/28/2019	NZDCAD	9:30:00 AM	0.91464	0.91535			N/A
3/28/2019	NZDCAD	11:30:00 AM					N/A
3/28/2019	NZDCAD	1:30:00 PM	0.91395	0.91448			N/A
3/28/2019	NZDCAD	3:30:00 PM	0.91227	0.9126			N/A
3/29/2019	NZDCAD	9:30:00 AM	0.91277	0.91344			N/A
3/29/2019	NZDCAD	11:30:00 AM	0.91173	0.91237			N/A
3/29/2019	NZDCAD	1:30:00 PM	0.91178	0.91242			N/A
3/29/2019	NZDCAD	3:30:00 PM	0.90912	0.90959			N/A
1/1/2019	NZDCHF	9:30:00 AM					N/A
1/1/2019	NZDCHF	11:30:00 AM					N/A
1/1/2019	NZDCHF	1:30:00 PM					N/A
1/1/2019	NZDCHF	3:30:00 PM					N/A
1/2/2019	NZDCHF	9:30:00 AM					N/A
1/2/2019	NZDCHF	11:30:00 AM					N/A
1/2/2019	NZDCHF	1:30:00 PM					N/A
1/2/2019	NZDCHF	3:30:00 PM					N/A
1/3/2019	NZDCHF	9:30:00 AM					N/A
1/3/2019	NZDCHF	11:30:00 AM					N/A
1/3/2019	NZDCHF	1:30:00 PM					N/A
1/3/2019	NZDCHF	3:30:00 PM					N/A
1/4/2019	NZDCHF	9:30:00 AM					N/A
1/4/2019	NZDCHF	11:30:00 AM					N/A
1/4/2019	NZDCHF	1:30:00 PM					N/A
1/4/2019	NZDCHF	3:30:00 PM					N/A
1/7/2019	NZDCHF	9:30:00 AM	0.66419	0.66478			N/A
1/7/2019	NZDCHF	11:30:00 AM					N/A
1/7/2019	NZDCHF	1:30:00 PM	0.66333	0.66408			N/A
1/7/2019	NZDCHF	3:30:00 PM	0.66317	0.66386			N/A
1/8/2019	NZDCHF	9:30:00 AM	0.66073	0.66125			N/A
1/8/2019	NZDCHF	11:30:00 AM	0.66048	0.66111			N/A
1/8/2019	NZDCHF	1:30:00 PM	0.66021	0.66093			N/A
1/8/2019	NZDCHF	3:30:00 PM	0.65946	0.66003			N/A
1/9/2019	NZDCHF	9:30:00 AM	0.66248	0.66314			N/A
1/9/2019	NZDCHF	11:30:00 AM					N/A
1/9/2019	NZDCHF	1:30:00 PM	0.66429	0.66478			N/A
1/9/2019	NZDCHF	3:30:00 PM	0.66443	0.66512			N/A
1/10/2019	NZDCHF	9:30:00 AM	0.65997	0.6606			N/A
1/10/2019	NZDCHF	11:30:00 AM	0.66153	0.66213			N/A
1/10/2019	NZDCHF	1:30:00 PM	0.66199	0.66248			N/A
1/10/2019	NZDCHF	3:30:00 PM	0.664	0.66452			N/A
1/11/2019	NZDCHF	9:30:00 AM	0.67053	0.67114			N/A
1/11/2019	NZDCHF	11:30:00 AM					N/A
1/11/2019	NZDCHF	1:30:00 PM	0.6715	0.67212			N/A
1/11/2019	NZDCHF	3:30:00 PM	0.67089	0.67141			N/A
1/14/2019	NZDCHF	9:30:00 AM	0.66863	0.66928			N/A
1/14/2019	NZDCHF	11:30:00 AM	0.66873	0.66937			N/A
1/14/2019	NZDCHF	1:30:00 PM	0.66923	0.66989			N/A

1/14/2019	NZDCHF	3:30:00 PM	0.66937	0.66999			N/A
1/15/2019	NZDCHF	9:30:00 AM	0.67095	0.67147			N/A
1/15/2019	NZDCHF	11:30:00 AM					N/A
1/15/2019	NZDCHF	1:30:00 PM	0.67284	0.6735			N/A
1/15/2019	NZDCHF	3:30:00 PM	0.67182	0.67233			N/A
1/16/2019	NZDCHF	9:30:00 AM	0.67443	0.67509			N/A
1/16/2019	NZDCHF	11:30:00 AM	0.6719	0.6726			N/A
1/16/2019	NZDCHF	1:30:00 PM	0.66848	0.66894			N/A
1/16/2019	NZDCHF	3:30:00 PM	0.66941	0.67008			N/A
1/17/2019	NZDCHF	9:30:00 AM	0.66776	0.66828			N/A
1/17/2019	NZDCHF	11:30:00 AM					N/A
1/17/2019	NZDCHF	1:30:00 PM	0.66807	0.66866			N/A
1/17/2019	NZDCHF	3:30:00 PM	0.66915	0.66947			N/A
1/18/2019	NZDCHF	9:30:00 AM	0.67229	0.67296			N/A
1/18/2019	NZDCHF	11:30:00 AM	0.67125	0.67195			N/A
1/18/2019	NZDCHF	1:30:00 PM	0.67224	0.67287			N/A
1/18/2019	NZDCHF	3:30:00 PM	0.67269	0.67327			N/A
1/21/2019	NZDCHF	9:30:00 AM	0.66948	0.67004			N/A
1/21/2019	NZDCHF	11:30:00 AM					N/A
1/21/2019	NZDCHF	1:30:00 PM	0.6707	0.6714			N/A
1/21/2019	NZDCHF	3:30:00 PM	0.67063	0.67132			N/A
1/22/2019	NZDCHF	9:30:00 AM	0.66969	0.67012			N/A
1/22/2019	NZDCHF	11:30:00 AM	0.66902	0.6697			N/A
1/22/2019	NZDCHF	1:30:00 PM	0.66832	0.66897			N/A
1/22/2019	NZDCHF	3:30:00 PM	0.67051	0.67117			N/A
1/23/2019	NZDCHF	9:30:00 AM	0.67648	0.67713			N/A
1/23/2019	NZDCHF	11:30:00 AM					N/A
1/23/2019	NZDCHF	1:30:00 PM	0.6774	0.67807			N/A
1/23/2019	NZDCHF	3:30:00 PM	0.67642	0.67701			N/A
1/24/2019	NZDCHF	9:30:00 AM	0.67334	0.67398			N/A
1/24/2019	NZDCHF	11:30:00 AM	0.67298	0.67359			N/A
1/24/2019	NZDCHF	1:30:00 PM	0.67341	0.674			N/A
1/24/2019	NZDCHF	3:30:00 PM	0.6742	0.67481			N/A
1/25/2019	NZDCHF	9:30:00 AM	0.67408	0.67462			N/A
1/25/2019	NZDCHF	11:30:00 AM					N/A
1/25/2019	NZDCHF	1:30:00 PM	0.67468	0.67535			N/A
1/25/2019	NZDCHF	3:30:00 PM	0.67666	0.67738			N/A
1/28/2019	NZDCHF	9:30:00 AM	0.67983	0.68049			N/A
1/28/2019	NZDCHF	11:30:00 AM	0.679	0.67956			N/A
1/28/2019	NZDCHF	1:30:00 PM	0.67894	0.67959			N/A
1/28/2019	NZDCHF	3:30:00 PM	0.67842	0.67915			N/A
1/29/2019	NZDCHF	9:30:00 AM	0.67903	0.67967			N/A
1/29/2019	NZDCHF	11:30:00 AM					N/A
1/29/2019	NZDCHF	1:30:00 PM	0.67925	0.67987			N/A
1/29/2019	NZDCHF	3:30:00 PM	0.67978	0.6805			N/A
1/30/2019	NZDCHF	9:30:00 AM	0.68177	0.68248			N/A
1/30/2019	NZDCHF	11:30:00 AM	0.68101	0.68177			N/A
1/30/2019	NZDCHF	1:30:00 PM	0.68173	0.68248			N/A
1/30/2019	NZDCHF	3:30:00 PM	0.68106	0.68169			N/A
1/31/2019	NZDCHF	9:30:00 AM	0.68626	0.68665			N/A

1/31/2019	NZDCHF	11:30:00 AM					N/A
1/31/2019	NZDCHF	1:30:00 PM	0.68596	0.68671			N/A
1/31/2019	NZDCHF	3:30:00 PM	0.68738	0.68765			N/A
2/1/2019	NZDCHF	9:30:00 AM	0.68726	0.68795			N/A
2/1/2019	NZDCHF	11:30:00 AM	0.68675	0.6872			N/A
2/1/2019	NZDCHF	1:30:00 PM	0.68681	0.68754			N/A
2/1/2019	NZDCHF	3:30:00 PM	0.68848	0.68825			N/A
2/4/2019	NZDCHF	9:30:00 AM	0.68705	0.68773			N/A
2/4/2019	NZDCHF	11:30:00 AM					N/A
2/4/2019	NZDCHF	1:30:00 PM	0.68663	0.68725			N/A
2/4/2019	NZDCHF	3:30:00 PM	0.68604	0.68669			N/A
2/5/2019	NZDCHF	9:30:00 AM	0.6887	0.68939			N/A
2/5/2019	NZDCHF	11:30:00 AM	0.68826	0.68894			N/A
2/5/2019	NZDCHF	1:30:00 PM	0.69004	0.69052			N/A
2/5/2019	NZDCHF	3:30:00 PM	0.69036	0.69101			N/A
2/6/2019	NZDCHF	9:30:00 AM	0.68619	0.68669			N/A
2/6/2019	NZDCHF	11:30:00 AM					N/A
2/6/2019	NZDCHF	1:30:00 PM	0.68516	0.68584			N/A
2/6/2019	NZDCHF	3:30:00 PM	0.68522	0.6859			N/A
2/7/2019	NZDCHF	9:30:00 AM	0.67627	0.67695			N/A
2/7/2019	NZDCHF	11:30:00 AM	0.67681	0.67752			N/A
2/7/2019	NZDCHF	1:30:00 PM	0.67635	0.67702			N/A
2/7/2019	NZDCHF	3:30:00 PM	0.67621	0.67692			N/A
2/8/2019	NZDCHF	9:30:00 AM	0.6766	0.67709			N/A
2/8/2019	NZDCHF	11:30:00 AM					N/A
2/8/2019	NZDCHF	1:30:00 PM	0.67561	0.67635			N/A
2/8/2019	NZDCHF	3:30:00 PM	0.67583	0.67641			N/A
2/11/2019	NZDCHF	9:30:00 AM	0.67653	0.67715			N/A
2/11/2019	NZDCHF	11:30:00 AM	0.67598	0.67658			N/A
2/11/2019	NZDCHF	1:30:00 PM	0.6765	0.67713			N/A
2/11/2019	NZDCHF	3:30:00 PM	0.67667	0.6773			N/A
2/12/2019	NZDCHF	9:30:00 AM	0.67588	0.67654			N/A
2/12/2019	NZDCHF	11:30:00 AM					N/A
2/12/2019	NZDCHF	1:30:00 PM	0.67864	0.67931			N/A
2/12/2019	NZDCHF	3:30:00 PM	0.67923	0.67962			N/A
2/13/2019	NZDCHF	9:30:00 AM	0.68753	0.68816			N/A
2/13/2019	NZDCHF	11:30:00 AM	0.68575	0.68638			N/A
2/13/2019	NZDCHF	1:30:00 PM	0.68507	0.68578			N/A
2/13/2019	NZDCHF	3:30:00 PM	0.68501	0.6853			N/A
2/14/2019	NZDCHF	9:30:00 AM	0.68938	0.69004			N/A
2/14/2019	NZDCHF	11:30:00 AM					N/A
2/14/2019	NZDCHF	1:30:00 PM	0.68872	0.68936			N/A
2/14/2019	NZDCHF	3:30:00 PM	0.68969	0.69009			N/A
2/15/2019	NZDCHF	9:30:00 AM					N/A
2/15/2019	NZDCHF	11:30:00 AM					N/A
2/15/2019	NZDCHF	1:30:00 PM					N/A
2/15/2019	NZDCHF	3:30:00 PM					N/A
2/18/2019	NZDCHF	9:30:00 AM	0.68944	0.69012			N/A
2/18/2019	NZDCHF	11:30:00 AM					N/A
2/18/2019	NZDCHF	1:30:00 PM	0.68895	0.68966			N/A

2/18/2019	NZDCHF	3:30:00 PM	0.68957	0.69019			N/A
2/19/2019	NZDCHF	9:30:00 AM	0.68687	0.68759			N/A
2/19/2019	NZDCHF	11:30:00 AM	0.68571	0.68633			N/A
2/19/2019	NZDCHF	1:30:00 PM	0.68532	0.68605			N/A
2/19/2019	NZDCHF	3:30:00 PM	0.68565	0.6863			N/A
2/20/2019	NZDCHF	9:30:00 AM	0.68739	0.68805			N/A
2/20/2019	NZDCHF	11:30:00 AM					N/A
2/20/2019	NZDCHF	1:30:00 PM	0.68661	0.68717			N/A
2/20/2019	NZDCHF	3:30:00 PM	0.68679	0.68742			N/A
2/21/2019	NZDCHF	9:30:00 AM	0.6831	0.68331			N/A
2/21/2019	NZDCHF	11:30:00 AM	0.68231	0.68304			N/A
2/21/2019	NZDCHF	1:30:00 PM	0.68205	0.68274			N/A
2/21/2019	NZDCHF	3:30:00 PM	0.68231	0.6828			N/A
2/22/2019	NZDCHF	9:30:00 AM	0.67966	0.68018			N/A
2/22/2019	NZDCHF	11:30:00 AM					N/A
2/22/2019	NZDCHF	1:30:00 PM	0.68064	0.68134			N/A
2/22/2019	NZDCHF	3:30:00 PM	0.68238	0.68306			N/A
2/25/2019	NZDCHF	9:30:00 AM	0.68591	0.68658			N/A
2/25/2019	NZDCHF	11:30:00 AM	0.68725	0.68799			N/A
2/25/2019	NZDCHF	1:30:00 PM	0.68853	0.68914			N/A
2/25/2019	NZDCHF	3:30:00 PM	0.6886	0.68924			N/A
2/26/2019	NZDCHF	9:30:00 AM	0.68852	0.68919			N/A
2/26/2019	NZDCHF	11:30:00 AM					N/A
2/26/2019	NZDCHF	1:30:00 PM	0.68782	0.68858			N/A
2/26/2019	NZDCHF	3:30:00 PM	0.68828	0.68886			N/A
2/27/2019	NZDCHF	9:30:00 AM	0.6887	0.68936			N/A
2/27/2019	NZDCHF	11:30:00 AM	0.68586	0.68647			N/A
2/27/2019	NZDCHF	1:30:00 PM	0.68415	0.68482			N/A
2/27/2019	NZDCHF	3:30:00 PM	0.68468	0.68532			N/A
2/28/2019	NZDCHF	9:30:00 AM	0.68224	0.68281			N/A
2/28/2019	NZDCHF	11:30:00 AM					N/A
2/28/2019	NZDCHF	1:30:00 PM	0.67932	0.67993			N/A
2/28/2019	NZDCHF	3:30:00 PM	0.67993	0.67995			N/A
3/1/2019	NZDCHF	9:30:00 AM	0.68043	0.68108			N/A
3/1/2019	NZDCHF	11:30:00 AM	0.6817	0.68234			N/A
3/1/2019	NZDCHF	1:30:00 PM	0.68145	0.68208			N/A
3/1/2019	NZDCHF	3:30:00 PM	0.68157	0.68221			N/A
3/4/2019	NZDCHF	9:30:00 AM	0.68071	0.68141			N/A
3/4/2019	NZDCHF	11:30:00 AM					N/A
3/4/2019	NZDCHF	1:30:00 PM	0.68096	0.68145			N/A
3/4/2019	NZDCHF	3:30:00 PM	0.68051	0.68102			N/A
3/5/2019	NZDCHF	9:30:00 AM	0.679	0.67969			N/A
3/5/2019	NZDCHF	11:30:00 AM	0.68028	0.68096			N/A
3/5/2019	NZDCHF	1:30:00 PM	0.67933	0.67999			N/A
3/5/2019	NZDCHF	3:30:00 PM	0.67929	0.67995			N/A
3/6/2019	NZDCHF	9:30:00 AM	0.68049	0.68112			N/A
3/6/2019	NZDCHF	11:30:00 AM					N/A
3/6/2019	NZDCHF	1:30:00 PM	0.68038	0.68108			N/A
3/6/2019	NZDCHF	3:30:00 PM	0.68048	0.68096			N/A
3/7/2019	NZDCHF	9:30:00 AM	0.68126	0.68194			N/A

3/7/2019	NZDCHF	11:30:00 AM	0.68082	0.68156			N/A
3/7/2019	NZDCHF	1:30:00 PM	0.6814	0.68203			N/A
3/7/2019	NZDCHF	3:30:00 PM	0.68258	0.68314			N/A
3/8/2019	NZDCHF	9:30:00 AM	0.68245	0.68315			N/A
3/8/2019	NZDCHF	11:30:00 AM					N/A
3/8/2019	NZDCHF	1:30:00 PM	0.68544	0.6861			N/A
3/8/2019	NZDCHF	3:30:00 PM	0.68585	0.68569			N/A
3/11/2019	NZDCHF	9:30:00 AM	0.68565	0.68633			N/A
3/11/2019	NZDCHF	11:30:00 AM	0.68661	0.68731			N/A
3/11/2019	NZDCHF	1:30:00 PM	0.68666	0.68731			N/A
3/11/2019	NZDCHF	3:30:00 PM	0.68846	0.68896			N/A
3/12/2019	NZDCHF	9:30:00 AM	0.69143	0.69208			N/A
3/12/2019	NZDCHF	11:30:00 AM					N/A
3/12/2019	NZDCHF	1:30:00 PM	0.68977	0.69047			N/A
3/12/2019	NZDCHF	3:30:00 PM	0.69145	0.69215			N/A
3/13/2019	NZDCHF	9:30:00 AM	0.68823	0.68892			N/A
3/13/2019	NZDCHF	11:30:00 AM	0.68806	0.68871			N/A
3/13/2019	NZDCHF	1:30:00 PM	0.68785	0.68848			N/A
3/13/2019	NZDCHF	3:30:00 PM	0.68703	0.68772			N/A
3/14/2019	NZDCHF	9:30:00 AM	0.68664	0.68729			N/A
3/14/2019	NZDCHF	11:30:00 AM					N/A
3/14/2019	NZDCHF	1:30:00 PM	0.68457	0.68512			N/A
3/14/2019	NZDCHF	3:30:00 PM	0.68443	0.68505			N/A
3/15/2019	NZDCHF	9:30:00 AM	0.68631	0.68697			N/A
3/15/2019	NZDCHF	11:30:00 AM	0.68738	0.68795			N/A
3/15/2019	NZDCHF	1:30:00 PM	0.68653	0.6872			N/A
3/15/2019	NZDCHF	3:30:00 PM	0.68693	0.68748			N/A
3/18/2019	NZDCHF	9:30:00 AM	0.68752	0.68824			N/A
3/18/2019	NZDCHF	11:30:00 AM					N/A
3/18/2019	NZDCHF	1:30:00 PM	0.68657	0.6873			N/A
3/18/2019	NZDCHF	3:30:00 PM	0.68654	0.68719			N/A
3/19/2019	NZDCHF	9:30:00 AM	0.68534	0.68602			N/A
3/19/2019	NZDCHF	11:30:00 AM	0.68545	0.68617			N/A
3/19/2019	NZDCHF	1:30:00 PM	0.68562	0.68629			N/A
3/19/2019	NZDCHF	3:30:00 PM	0.68627	0.68691			N/A
3/20/2019	NZDCHF	9:30:00 AM	0.68342	0.68412			N/A
3/20/2019	NZDCHF	11:30:00 AM					N/A
3/20/2019	NZDCHF	1:30:00 PM	0.68366	0.68441			N/A
3/20/2019	NZDCHF	3:30:00 PM	0.68377	0.68442			N/A
3/21/2019	NZDCHF	9:30:00 AM	0.68667	0.68722			N/A
3/21/2019	NZDCHF	11:30:00 AM	0.68653	0.68706			N/A
3/21/2019	NZDCHF	1:30:00 PM	0.68527	0.68594			N/A
3/21/2019	NZDCHF	3:30:00 PM	0.6841	0.68476			N/A
3/22/2019	NZDCHF	9:30:00 AM	0.68376	0.6844			N/A
3/22/2019	NZDCHF	11:30:00 AM					N/A
3/22/2019	NZDCHF	1:30:00 PM	0.68305	0.68371			N/A
3/22/2019	NZDCHF	3:30:00 PM	0.6842	0.68486			N/A
3/25/2019	NZDCHF	9:30:00 AM	0.68391	0.6846			N/A
3/25/2019	NZDCHF	11:30:00 AM	0.68354	0.68426			N/A
3/25/2019	NZDCHF	1:30:00 PM	0.68324	0.68395			N/A

3/25/2019	NZDCHF	3:30:00 PM	0.68431	0.68497			N/A
3/26/2019	NZDCHF	9:30:00 AM	0.68486	0.68556			N/A
3/26/2019	NZDCHF	11:30:00 AM					N/A
3/26/2019	NZDCHF	1:30:00 PM	0.68504	0.68572			N/A
3/26/2019	NZDCHF	3:30:00 PM	0.68626	0.68688			N/A
3/27/2019	NZDCHF	9:30:00 AM	0.67754	0.67818			N/A
3/27/2019	NZDCHF	11:30:00 AM	0.67655	0.67725			N/A
3/27/2019	NZDCHF	1:30:00 PM	0.67553	0.67617			N/A
3/27/2019	NZDCHF	3:30:00 PM	0.67624	0.67655			N/A
3/28/2019	NZDCHF	9:30:00 AM	0.67903	0.67974			N/A
3/28/2019	NZDCHF	11:30:00 AM					N/A
3/28/2019	NZDCHF	1:30:00 PM	0.67748	0.67813			N/A
3/28/2019	NZDCHF	3:30:00 PM	0.67683	0.67733			N/A
3/29/2019	NZDCHF	9:30:00 AM	0.67688	0.67758			N/A
3/29/2019	NZDCHF	11:30:00 AM	0.67606	0.67671			N/A
3/29/2019	NZDCHF	1:30:00 PM	0.67669	0.67743			N/A
3/29/2019	NZDCHF	3:30:00 PM	0.67695	0.67748			N/A
1/1/2019	NZDCZK	9:30:00 AM					N/A
1/1/2019	NZDCZK	11:30:00 AM					N/A
1/1/2019	NZDCZK	1:30:00 PM					N/A
1/1/2019	NZDCZK	3:30:00 PM					N/A
1/2/2019	NZDCZK	9:30:00 AM					N/A
1/2/2019	NZDCZK	11:30:00 AM					N/A
1/2/2019	NZDCZK	1:30:00 PM					N/A
1/2/2019	NZDCZK	3:30:00 PM					N/A
1/3/2019	NZDCZK	9:30:00 AM					N/A
1/3/2019	NZDCZK	11:30:00 AM					N/A
1/3/2019	NZDCZK	1:30:00 PM					N/A
1/3/2019	NZDCZK	3:30:00 PM					N/A
1/4/2019	NZDCZK	9:30:00 AM					N/A
1/4/2019	NZDCZK	11:30:00 AM					N/A
1/4/2019	NZDCZK	1:30:00 PM					N/A
1/4/2019	NZDCZK	3:30:00 PM					N/A
1/7/2019	NZDCZK	9:30:00 AM	15.076	15.086			N/A
1/7/2019	NZDCZK	11:30:00 AM					N/A
1/7/2019	NZDCZK	1:30:00 PM	15.082	15.092			N/A
1/7/2019	NZDCZK	3:30:00 PM	15.088	15.097			N/A
1/8/2019	NZDCZK	9:30:00 AM	15.041	15.05			N/A
1/8/2019	NZDCZK	11:30:00 AM	15.068	15.075			N/A
1/8/2019	NZDCZK	1:30:00 PM	15.061	15.072			N/A
1/8/2019	NZDCZK	3:30:00 PM	15.042	15.048			N/A
1/9/2019	NZDCZK	9:30:00 AM	15.087	15.095			N/A
1/9/2019	NZDCZK	11:30:00 AM					N/A
1/9/2019	NZDCZK	1:30:00 PM	15.148	15.155			N/A
1/9/2019	NZDCZK	3:30:00 PM	15.155	15.166			N/A
1/10/2019	NZDCZK	9:30:00 AM	15.035	15.045			N/A
1/10/2019	NZDCZK	11:30:00 AM	15.057	15.065			N/A
1/10/2019	NZDCZK	1:30:00 PM	15.051	15.061			N/A
1/10/2019	NZDCZK	3:30:00 PM	15.066	15.072			N/A
1/11/2019	NZDCZK	9:30:00 AM	15.123	15.133			N/A

1/11/2019	NZDCZK	11:30:00 AM					N/A
1/11/2019	NZDCZK	1:30:00 PM	15.165	15.172			N/A
1/11/2019	NZDCZK	3:30:00 PM	15.15	15.155			N/A
1/14/2019	NZDCZK	9:30:00 AM	15.142	15.149			N/A
1/14/2019	NZDCZK	11:30:00 AM	15.159	15.168			N/A
1/14/2019	NZDCZK	1:30:00 PM	15.191	15.198			N/A
1/14/2019	NZDCZK	3:30:00 PM	15.194	15.199			N/A
1/15/2019	NZDCZK	9:30:00 AM	15.211	15.222			N/A
1/15/2019	NZDCZK	11:30:00 AM					N/A
1/15/2019	NZDCZK	1:30:00 PM	15.235	15.246			N/A
1/15/2019	NZDCZK	3:30:00 PM	15.237	15.243			N/A
1/16/2019	NZDCZK	9:30:00 AM	15.267	15.276			N/A
1/16/2019	NZDCZK	11:30:00 AM	15.214	15.225			N/A
1/16/2019	NZDCZK	1:30:00 PM	15.156	15.162			N/A
1/16/2019	NZDCZK	3:30:00 PM	15.179	15.189			N/A
1/17/2019	NZDCZK	9:30:00 AM	15.103	15.113			N/A
1/17/2019	NZDCZK	11:30:00 AM					N/A
1/17/2019	NZDCZK	1:30:00 PM	15.072	15.08			N/A
1/17/2019	NZDCZK	3:30:00 PM	15.095	15.097			N/A
1/18/2019	NZDCZK	9:30:00 AM	15.149	15.16			N/A
1/18/2019	NZDCZK	11:30:00 AM	15.132	15.142			N/A
1/18/2019	NZDCZK	1:30:00 PM	15.157	15.169			N/A
1/18/2019	NZDCZK	3:30:00 PM	15.173	15.178			N/A
1/21/2019	NZDCZK	9:30:00 AM	15.108	15.119			N/A
1/21/2019	NZDCZK	11:30:00 AM					N/A
1/21/2019	NZDCZK	1:30:00 PM	15.123	15.135			N/A
1/21/2019	NZDCZK	3:30:00 PM	15.119	15.13			N/A
1/22/2019	NZDCZK	9:30:00 AM	15.12	15.127			N/A
1/22/2019	NZDCZK	11:30:00 AM	15.111	15.123			N/A
1/22/2019	NZDCZK	1:30:00 PM	15.107	15.118			N/A
1/22/2019	NZDCZK	3:30:00 PM	15.137	15.146			N/A
1/23/2019	NZDCZK	9:30:00 AM	15.283	15.295			N/A
1/23/2019	NZDCZK	11:30:00 AM					N/A
1/23/2019	NZDCZK	1:30:00 PM	15.331	15.342			N/A
1/23/2019	NZDCZK	3:30:00 PM	15.316	15.327			N/A
1/24/2019	NZDCZK	9:30:00 AM	15.287	15.299			N/A
1/24/2019	NZDCZK	11:30:00 AM	15.327	15.336			N/A
1/24/2019	NZDCZK	1:30:00 PM	15.325	15.327			N/A
1/24/2019	NZDCZK	3:30:00 PM	15.351	15.361			N/A
1/25/2019	NZDCZK	9:30:00 AM	15.381	15.389			N/A
1/25/2019	NZDCZK	11:30:00 AM					N/A
1/25/2019	NZDCZK	1:30:00 PM	15.337	15.345			N/A
1/25/2019	NZDCZK	3:30:00 PM	15.356	15.366			N/A
1/28/2019	NZDCZK	9:30:00 AM	15.41	15.417			N/A
1/28/2019	NZDCZK	11:30:00 AM	15.417	15.427			N/A
1/28/2019	NZDCZK	1:30:00 PM	15.408	15.419			N/A
1/28/2019	NZDCZK	3:30:00 PM	15.396	15.407			N/A
1/29/2019	NZDCZK	9:30:00 AM	15.411	15.422			N/A
1/29/2019	NZDCZK	11:30:00 AM					N/A
1/29/2019	NZDCZK	1:30:00 PM	15.393	15.404			N/A

1/29/2019	NZDCZK	3:30:00 PM	15.408	15.419			N/A
1/30/2019	NZDCZK	9:30:00 AM	15.414	15.425			N/A
1/30/2019	NZDCZK	11:30:00 AM	15.409	15.422			N/A
1/30/2019	NZDCZK	1:30:00 PM					N/A
1/30/2019	NZDCZK	3:30:00 PM	15.392	15.404			N/A
1/31/2019	NZDCZK	9:30:00 AM	15.466	15.468			N/A
1/31/2019	NZDCZK	11:30:00 AM					N/A
1/31/2019	NZDCZK	1:30:00 PM	15.486	15.496			N/A
1/31/2019	NZDCZK	3:30:00 PM	15.508	15.513			N/A
2/1/2019	NZDCZK	9:30:00 AM	15.528	15.54			N/A
2/1/2019	NZDCZK	11:30:00 AM	15.517	15.528			N/A
2/1/2019	NZDCZK	1:30:00 PM	15.516	15.527			N/A
2/1/2019	NZDCZK	3:30:00 PM	15.499	15.502			N/A
2/4/2019	NZDCZK	9:30:00 AM	15.472	15.482			N/A
2/4/2019	NZDCZK	11:30:00 AM					N/A
2/4/2019	NZDCZK	1:30:00 PM	15.463	15.474			N/A
2/4/2019	NZDCZK	3:30:00 PM	15.443	15.451			N/A
2/5/2019	NZDCZK	9:30:00 AM	15.491	15.502			N/A
2/5/2019	NZDCZK	11:30:00 AM	15.472	15.481			N/A
2/5/2019	NZDCZK	1:30:00 PM	15.49	15.497			N/A
2/5/2019	NZDCZK	3:30:00 PM	15.509	15.519			N/A
2/6/2019	NZDCZK	9:30:00 AM	15.472	15.48			N/A
2/6/2019	NZDCZK	11:30:00 AM					N/A
2/6/2019	NZDCZK	1:30:00 PM	15.479	15.491			N/A
2/6/2019	NZDCZK	3:30:00 PM	15.497	15.506			N/A
2/7/2019	NZDCZK	9:30:00 AM	15.317	15.329			N/A
2/7/2019	NZDCZK	11:30:00 AM	15.337	15.348			N/A
2/7/2019	NZDCZK	1:30:00 PM	15.355	15.365			N/A
2/7/2019	NZDCZK	3:30:00 PM	15.354	15.365			N/A
2/8/2019	NZDCZK	9:30:00 AM	15.355	15.366			N/A
2/8/2019	NZDCZK	11:30:00 AM					N/A
2/8/2019	NZDCZK	1:30:00 PM					N/A
2/8/2019	NZDCZK	3:30:00 PM	15.342	15.349			N/A
2/11/2019	NZDCZK	9:30:00 AM	15.404	15.415			N/A
2/11/2019	NZDCZK	11:30:00 AM	15.393	15.402			N/A
2/11/2019	NZDCZK	1:30:00 PM	15.39	15.401			N/A
2/11/2019	NZDCZK	3:30:00 PM	15.392	15.402			N/A
2/12/2019	NZDCZK	9:30:00 AM	15.416	15.429			N/A
2/12/2019	NZDCZK	11:30:00 AM					N/A
2/12/2019	NZDCZK	1:30:00 PM	15.413	15.425			N/A
2/12/2019	NZDCZK	3:30:00 PM	15.413	15.425			N/A
2/13/2019	NZDCZK	9:30:00 AM	15.584	15.591			N/A
2/13/2019	NZDCZK	11:30:00 AM	15.532	15.535			N/A
2/13/2019	NZDCZK	1:30:00 PM	15.538	15.549			N/A
2/13/2019	NZDCZK	3:30:00 PM	15.53	15.54			N/A
2/14/2019	NZDCZK	9:30:00 AM	15.608	15.619			N/A
2/14/2019	NZDCZK	11:30:00 AM					N/A
2/14/2019	NZDCZK	1:30:00 PM	15.606	15.617			N/A
2/14/2019	NZDCZK	3:30:00 PM	15.628	15.633			N/A
2/15/2019	NZDCZK	9:30:00 AM					N/A

2/15/2019	NZDCZK	11:30:00 AM					N/A
2/15/2019	NZDCZK	1:30:00 PM					N/A
2/15/2019	NZDCZK	3:30:00 PM					N/A
2/18/2019	NZDCZK	9:30:00 AM	15.577	15.587			N/A
2/18/2019	NZDCZK	11:30:00 AM					N/A
2/18/2019	NZDCZK	1:30:00 PM	15.586	15.599			N/A
2/18/2019	NZDCZK	3:30:00 PM	15.603	15.615			N/A
2/19/2019	NZDCZK	9:30:00 AM	15.547	15.558			N/A
2/19/2019	NZDCZK	11:30:00 AM	15.529	15.532			N/A
2/19/2019	NZDCZK	1:30:00 PM	15.53	15.541			N/A
2/19/2019	NZDCZK	3:30:00 PM	15.527	15.539			N/A
2/20/2019	NZDCZK	9:30:00 AM	15.533	15.544			N/A
2/20/2019	NZDCZK	11:30:00 AM					N/A
2/20/2019	NZDCZK	1:30:00 PM	15.526	15.536			N/A
2/20/2019	NZDCZK	3:30:00 PM	15.536	15.547			N/A
2/21/2019	NZDCZK	9:30:00 AM	15.445	15.445			N/A
2/21/2019	NZDCZK	11:30:00 AM	15.421	15.428			N/A
2/21/2019	NZDCZK	1:30:00 PM	15.398	15.407			N/A
2/21/2019	NZDCZK	3:30:00 PM	15.393	15.404			N/A
2/22/2019	NZDCZK	9:30:00 AM	15.334	15.343			N/A
2/22/2019	NZDCZK	11:30:00 AM					N/A
2/22/2019	NZDCZK	1:30:00 PM	15.378	15.389			N/A
2/22/2019	NZDCZK	3:30:00 PM	15.416	15.429			N/A
2/25/2019	NZDCZK	9:30:00 AM	15.492	15.502			N/A
2/25/2019	NZDCZK	11:30:00 AM					N/A
2/25/2019	NZDCZK	1:30:00 PM	15.542	15.553			N/A
2/25/2019	NZDCZK	3:30:00 PM	15.553	15.559			N/A
2/26/2019	NZDCZK	9:30:00 AM	15.525	15.536			N/A
2/26/2019	NZDCZK	11:30:00 AM					N/A
2/26/2019	NZDCZK	1:30:00 PM	15.51	15.522			N/A
2/26/2019	NZDCZK	3:30:00 PM	15.523	15.531			N/A
2/27/2019	NZDCZK	9:30:00 AM	15.519	15.529			N/A
2/27/2019	NZDCZK	11:30:00 AM	15.458	15.467			N/A
2/27/2019	NZDCZK	1:30:00 PM	15.432	15.443			N/A
2/27/2019	NZDCZK	3:30:00 PM	15.452	15.462			N/A
2/28/2019	NZDCZK	9:30:00 AM	15.404	15.416			N/A
2/28/2019	NZDCZK	11:30:00 AM					N/A
2/28/2019	NZDCZK	1:30:00 PM	15.329	15.338			N/A
2/28/2019	NZDCZK	3:30:00 PM	15.336	15.334			N/A
3/1/2019	NZDCZK	9:30:00 AM	15.345	15.353			N/A
3/1/2019	NZDCZK	11:30:00 AM	15.348	15.358			N/A
3/1/2019	NZDCZK	1:30:00 PM	15.361	15.373			N/A
3/1/2019	NZDCZK	3:30:00 PM	15.364	15.376			N/A
3/4/2019	NZDCZK	9:30:00 AM	15.339	15.351			N/A
3/4/2019	NZDCZK	11:30:00 AM					N/A
3/4/2019	NZDCZK	1:30:00 PM	15.37	15.381			N/A
3/4/2019	NZDCZK	3:30:00 PM	15.362	15.373			N/A
3/5/2019	NZDCZK	9:30:00 AM	15.353	15.364			N/A
3/5/2019	NZDCZK	11:30:00 AM	15.351	15.362			N/A
3/5/2019	NZDCZK	1:30:00 PM	15.339	15.35			N/A

3/5/2019	NZDCZK	3:30:00 PM	15.342	15.354			N/A
3/6/2019	NZDCZK	9:30:00 AM	15.35	15.359			N/A
3/6/2019	NZDCZK	11:30:00 AM					N/A
3/6/2019	NZDCZK	1:30:00 PM	15.33	15.341			N/A
3/6/2019	NZDCZK	3:30:00 PM	15.311	15.323			N/A
3/7/2019	NZDCZK	9:30:00 AM	15.35	15.361			N/A
3/7/2019	NZDCZK	11:30:00 AM	15.324	15.334			N/A
3/7/2019	NZDCZK	1:30:00 PM	15.344	15.353			N/A
3/7/2019	NZDCZK	3:30:00 PM	15.384	15.391			N/A
3/8/2019	NZDCZK	9:30:00 AM	15.45	15.461			N/A
3/8/2019	NZDCZK	11:30:00 AM					N/A
3/8/2019	NZDCZK	1:30:00 PM	15.485	15.496			N/A
3/8/2019	NZDCZK	3:30:00 PM	15.505	15.513			N/A
3/11/2019	NZDCZK	9:30:00 AM	15.503	15.515			N/A
3/11/2019	NZDCZK	11:30:00 AM	15.531	15.544			N/A
3/11/2019	NZDCZK	1:30:00 PM	15.52	15.533			N/A
3/11/2019	NZDCZK	3:30:00 PM	15.542	15.55			N/A
3/12/2019	NZDCZK	9:30:00 AM	15.581	15.591			N/A
3/12/2019	NZDCZK	11:30:00 AM					N/A
3/12/2019	NZDCZK	1:30:00 PM	15.583	15.594			N/A
3/12/2019	NZDCZK	3:30:00 PM	15.599	15.612			N/A
3/13/2019	NZDCZK	9:30:00 AM	15.525	15.538			N/A
3/13/2019	NZDCZK	11:30:00 AM	15.538	15.55			N/A
3/13/2019	NZDCZK	1:30:00 PM	15.527	15.538			N/A
3/13/2019	NZDCZK	3:30:00 PM	15.506	15.513			N/A
3/14/2019	NZDCZK	9:30:00 AM	15.477	15.488			N/A
3/14/2019	NZDCZK	11:30:00 AM					N/A
3/14/2019	NZDCZK	1:30:00 PM	15.466	15.475			N/A
3/14/2019	NZDCZK	3:30:00 PM	15.466	15.476			N/A
3/15/2019	NZDCZK	9:30:00 AM	15.514	15.525			N/A
3/15/2019	NZDCZK	11:30:00 AM	15.511	15.523			N/A
3/15/2019	NZDCZK	1:30:00 PM	15.499	15.511			N/A
3/15/2019	NZDCZK	3:30:00 PM	15.507	15.516			N/A
3/18/2019	NZDCZK	9:30:00 AM	15.515	15.526			N/A
3/18/2019	NZDCZK	11:30:00 AM					N/A
3/18/2019	NZDCZK	1:30:00 PM	15.492	15.504			N/A
3/18/2019	NZDCZK	3:30:00 PM	15.471	15.482			N/A
3/19/2019	NZDCZK	9:30:00 AM	15.451	15.464			N/A
3/19/2019	NZDCZK	11:30:00 AM	15.452	15.463			N/A
3/19/2019	NZDCZK	1:30:00 PM	15.45	15.46			N/A
3/19/2019	NZDCZK	3:30:00 PM	15.472	15.481			N/A
3/20/2019	NZDCZK	9:30:00 AM	15.429	15.44			N/A
3/20/2019	NZDCZK	11:30:00 AM					N/A
3/20/2019	NZDCZK	1:30:00 PM	15.442	15.455			N/A
3/20/2019	NZDCZK	3:30:00 PM	15.457	15.467			N/A
3/21/2019	NZDCZK	9:30:00 AM	15.528	15.535			N/A
3/21/2019	NZDCZK	11:30:00 AM	15.532	15.543			N/A
3/21/2019	NZDCZK	1:30:00 PM	15.519	15.53			N/A
3/21/2019	NZDCZK	3:30:00 PM	15.51	15.521			N/A
3/22/2019	NZDCZK	9:30:00 AM	15.517	15.528			N/A

3/22/2019	NZDCZK	11:30:00 AM					N/A
3/22/2019	NZDCZK	1:30:00 PM	15.611	15.617			N/A
3/22/2019	NZDCZK	3:30:00 PM	15.649	15.661			N/A
3/25/2019	NZDCZK	9:30:00 AM	15.657	15.666			N/A
3/25/2019	NZDCZK	11:30:00 AM	15.627	15.634			N/A
3/25/2019	NZDCZK	1:30:00 PM	15.656	15.667			N/A
3/25/2019	NZDCZK	3:30:00 PM	15.682	15.689			N/A
3/26/2019	NZDCZK	9:30:00 AM	15.701	15.714			N/A
3/26/2019	NZDCZK	11:30:00 AM					N/A
3/26/2019	NZDCZK	1:30:00 PM	15.702	15.713			N/A
3/26/2019	NZDCZK	3:30:00 PM	15.743	15.753			N/A
3/27/2019	NZDCZK	9:30:00 AM	15.563	15.572			N/A
3/27/2019	NZDCZK	11:30:00 AM	15.538	15.55			N/A
3/27/2019	NZDCZK	1:30:00 PM	15.543	15.554			N/A
3/27/2019	NZDCZK	3:30:00 PM	15.573	15.578			N/A
3/28/2019	NZDCZK	9:30:00 AM	15.613	15.625			N/A
3/28/2019	NZDCZK	11:30:00 AM					N/A
3/28/2019	NZDCZK	1:30:00 PM	15.609	15.618			N/A
3/28/2019	NZDCZK	3:30:00 PM	15.588	15.592			N/A
3/29/2019	NZDCZK	9:30:00 AM	15.592	15.605			N/A
3/29/2019	NZDCZK	11:30:00 AM	15.621	15.628			N/A
3/29/2019	NZDCZK	1:30:00 PM					N/A
3/29/2019	NZDCZK	3:30:00 PM	15.614	15.622			N/A
1/1/2019	NZDDKK	9:30:00 AM					N/A
1/1/2019	NZDDKK	11:30:00 AM					N/A
1/1/2019	NZDDKK	1:30:00 PM					N/A
1/1/2019	NZDDKK	3:30:00 PM					N/A
1/2/2019	NZDDKK	9:30:00 AM					N/A
1/2/2019	NZDDKK	11:30:00 AM					N/A
1/2/2019	NZDDKK	1:30:00 PM					N/A
1/2/2019	NZDDKK	3:30:00 PM					N/A
1/3/2019	NZDDKK	9:30:00 AM					N/A
1/3/2019	NZDDKK	11:30:00 AM					N/A
1/3/2019	NZDDKK	1:30:00 PM					N/A
1/3/2019	NZDDKK	3:30:00 PM					N/A
1/4/2019	NZDDKK	9:30:00 AM					N/A
1/4/2019	NZDDKK	11:30:00 AM					N/A
1/4/2019	NZDDKK	1:30:00 PM					N/A
1/4/2019	NZDDKK	3:30:00 PM					N/A
1/7/2019	NZDDKK	9:30:00 AM	4.411	4.415			N/A
1/7/2019	NZDDKK	11:30:00 AM					N/A
1/7/2019	NZDDKK	1:30:00 PM					N/A
1/7/2019	NZDDKK	3:30:00 PM					N/A
1/8/2019	NZDDKK	9:30:00 AM	4.395	4.397			N/A
1/8/2019	NZDDKK	11:30:00 AM					N/A
1/8/2019	NZDDKK	1:30:00 PM	4.39	4.394			N/A
1/8/2019	NZDDKK	3:30:00 PM	4.383	4.386			N/A
1/9/2019	NZDDKK	9:30:00 AM					N/A
1/9/2019	NZDDKK	11:30:00 AM					N/A
1/9/2019	NZDDKK	1:30:00 PM	4.417	4.42			N/A

1/9/2019	NZDDKK	3:30:00 PM	4.418	4.422			N/A
1/10/2019	NZDDKK	9:30:00 AM	4.384	4.388			N/A
1/10/2019	NZDDKK	11:30:00 AM	4.39	4.391			N/A
1/10/2019	NZDDKK	1:30:00 PM					N/A
1/10/2019	NZDDKK	3:30:00 PM	4.393	4.395			N/A
1/11/2019	NZDDKK	9:30:00 AM					N/A
1/11/2019	NZDDKK	11:30:00 AM					N/A
1/11/2019	NZDDKK	1:30:00 PM					N/A
1/11/2019	NZDDKK	3:30:00 PM	4.423	4.425			N/A
1/14/2019	NZDDKK	9:30:00 AM					N/A
1/14/2019	NZDDKK	11:30:00 AM					N/A
1/14/2019	NZDDKK	1:30:00 PM					N/A
1/14/2019	NZDDKK	3:30:00 PM	4.439	4.442			N/A
1/15/2019	NZDDKK	9:30:00 AM					N/A
1/15/2019	NZDDKK	11:30:00 AM					N/A
1/15/2019	NZDDKK	1:30:00 PM					N/A
1/15/2019	NZDDKK	3:30:00 PM	4.451	4.453			N/A
1/16/2019	NZDDKK	9:30:00 AM					N/A
1/16/2019	NZDDKK	11:30:00 AM					N/A
1/16/2019	NZDDKK	1:30:00 PM	4.427	4.431			N/A
1/16/2019	NZDDKK	3:30:00 PM					N/A
1/17/2019	NZDDKK	9:30:00 AM	4.416	4.419			N/A
1/17/2019	NZDDKK	11:30:00 AM					N/A
1/17/2019	NZDDKK	1:30:00 PM	4.409	4.412			N/A
1/17/2019	NZDDKK	3:30:00 PM	4.415	4.417			N/A
1/18/2019	NZDDKK	9:30:00 AM					N/A
1/18/2019	NZDDKK	11:30:00 AM	4.423	4.426			N/A
1/18/2019	NZDDKK	1:30:00 PM	4.428	4.431			N/A
1/18/2019	NZDDKK	3:30:00 PM	4.43	4.433			N/A
1/21/2019	NZDDKK	9:30:00 AM	4.412	4.415			N/A
1/21/2019	NZDDKK	11:30:00 AM					N/A
1/21/2019	NZDDKK	1:30:00 PM	4.415	4.419			N/A
1/21/2019	NZDDKK	3:30:00 PM					N/A
1/22/2019	NZDDKK	9:30:00 AM	4.414	4.418			N/A
1/22/2019	NZDDKK	11:30:00 AM	4.408	4.41			N/A
1/22/2019	NZDDKK	1:30:00 PM	4.408	4.412			N/A
1/22/2019	NZDDKK	3:30:00 PM	4.418	4.422			N/A
1/23/2019	NZDDKK	9:30:00 AM					N/A
1/23/2019	NZDDKK	11:30:00 AM					N/A
1/23/2019	NZDDKK	1:30:00 PM	4.461	4.465			N/A
1/23/2019	NZDDKK	3:30:00 PM					N/A
1/24/2019	NZDDKK	9:30:00 AM	4.444	4.448			N/A
1/24/2019	NZDDKK	11:30:00 AM	4.455	4.458			N/A
1/24/2019	NZDDKK	1:30:00 PM	4.454	4.457			N/A
1/24/2019	NZDDKK	3:30:00 PM					N/A
1/25/2019	NZDDKK	9:30:00 AM	4.464	4.468			N/A
1/25/2019	NZDDKK	11:30:00 AM					N/A
1/25/2019	NZDDKK	1:30:00 PM	4.457	4.46			N/A
1/25/2019	NZDDKK	3:30:00 PM					N/A
1/28/2019	NZDDKK	9:30:00 AM					N/A

1/28/2019	NZDDKK	11:30:00 AM	4.48	4.484			N/A
1/28/2019	NZDDKK	1:30:00 PM					N/A
1/28/2019	NZDDKK	3:30:00 PM	4.469	4.473			N/A
1/29/2019	NZDDKK	9:30:00 AM					N/A
1/29/2019	NZDDKK	11:30:00 AM					N/A
1/29/2019	NZDDKK	1:30:00 PM					N/A
1/29/2019	NZDDKK	3:30:00 PM					N/A
1/30/2019	NZDDKK	9:30:00 AM					N/A
1/30/2019	NZDDKK	11:30:00 AM	4.464	4.468			N/A
1/30/2019	NZDDKK	1:30:00 PM					N/A
1/30/2019	NZDDKK	3:30:00 PM					N/A
1/31/2019	NZDDKK	9:30:00 AM	4.481	4.484			N/A
1/31/2019	NZDDKK	11:30:00 AM					N/A
1/31/2019	NZDDKK	1:30:00 PM					N/A
1/31/2019	NZDDKK	3:30:00 PM	4.496	4.499			N/A
2/1/2019	NZDDKK	9:30:00 AM	4.502	4.506			N/A
2/1/2019	NZDDKK	11:30:00 AM	4.503	4.507			N/A
2/1/2019	NZDDKK	1:30:00 PM	4.503	4.507			N/A
2/1/2019	NZDDKK	3:30:00 PM	4.505	4.506			N/A
2/4/2019	NZDDKK	9:30:00 AM					N/A
2/4/2019	NZDDKK	11:30:00 AM					N/A
2/4/2019	NZDDKK	1:30:00 PM					N/A
2/4/2019	NZDDKK	3:30:00 PM	4.484	4.488			N/A
2/5/2019	NZDDKK	9:30:00 AM					N/A
2/5/2019	NZDDKK	11:30:00 AM	4.5	4.501			N/A
2/5/2019	NZDDKK	1:30:00 PM					N/A
2/5/2019	NZDDKK	3:30:00 PM					N/A
2/5/2019	NZDDKK	1:30:00 PM					N/A
2/5/2019	NZDDKK	3:30:00 PM					N/A
2/6/2019	NZDDKK	9:30:00 AM					N/A
2/6/2019	NZDDKK	11:30:00 AM					N/A
2/6/2019	NZDDKK	1:30:00 PM					N/A
2/6/2019	NZDDKK	3:30:00 PM	4.489	4.492			N/A
2/7/2019	NZDDKK	9:30:00 AM					N/A
2/7/2019	NZDDKK	11:30:00 AM					N/A
2/7/2019	NZDDKK	1:30:00 PM					N/A
2/7/2019	NZDDKK	3:30:00 PM	4.444	4.448			N/A
2/8/2019	NZDDKK	9:30:00 AM	4.446	4.45			N/A
2/8/2019	NZDDKK	11:30:00 AM					N/A
2/8/2019	NZDDKK	1:30:00 PM					N/A
2/8/2019	NZDDKK	3:30:00 PM	4.438	4.442			N/A
2/11/2019	NZDDKK	9:30:00 AM	4.456	4.459			N/A
2/11/2019	NZDDKK	11:30:00 AM	4.448	4.452			N/A
2/11/2019	NZDDKK	1:30:00 PM					N/A
2/11/2019	NZDDKK	3:30:00 PM	4.449	4.452			N/A
2/12/2019	NZDDKK	9:30:00 AM					N/A
2/12/2019	NZDDKK	11:30:00 AM					N/A
2/12/2019	NZDDKK	1:30:00 PM					N/A
2/12/2019	NZDDKK	3:30:00 PM					N/A
2/13/2019	NZDDKK	9:30:00 AM					N/A
2/13/2019	NZDDKK	11:30:00 AM					N/A
2/13/2019	NZDDKK	1:30:00 PM	4.493	4.496			N/A

2/13/2019	NZDDKK	3:30:00 PM	4.493	4.497			N/A
2/14/2019	NZDDKK	9:30:00 AM	4.521	4.524			N/A
2/14/2019	NZDDKK	11:30:00 AM					N/A
2/14/2019	NZDDKK	1:30:00 PM					N/A
2/14/2019	NZDDKK	3:30:00 PM	4.522	4.526			N/A
2/15/2019	NZDDKK	9:30:00 AM					N/A
2/15/2019	NZDDKK	11:30:00 AM					N/A
2/15/2019	NZDDKK	1:30:00 PM					N/A
2/15/2019	NZDDKK	3:30:00 PM					N/A
2/18/2019	NZDDKK	9:30:00 AM					N/A
2/18/2019	NZDDKK	11:30:00 AM					N/A
2/18/2019	NZDDKK	1:30:00 PM	4.526	4.529			N/A
2/18/2019	NZDDKK	3:30:00 PM					N/A
2/19/2019	NZDDKK	9:30:00 AM					N/A
2/19/2019	NZDDKK	11:30:00 AM					N/A
2/19/2019	NZDDKK	1:30:00 PM					N/A
2/19/2019	NZDDKK	3:30:00 PM	4.509	4.513			N/A
2/20/2019	NZDDKK	9:30:00 AM	4.516	4.52			N/A
2/20/2019	NZDDKK	11:30:00 AM					N/A
2/20/2019	NZDDKK	1:30:00 PM	4.514	4.518			N/A
2/20/2019	NZDDKK	3:30:00 PM	4.518	4.521			N/A
2/21/2019	NZDDKK	9:30:00 AM	4.494	4.494			N/A
2/21/2019	NZDDKK	11:30:00 AM					N/A
2/21/2019	NZDDKK	1:30:00 PM	4.481	4.485			N/A
2/21/2019	NZDDKK	3:30:00 PM					N/A
2/22/2019	NZDDKK	9:30:00 AM	4.466	4.47			N/A
2/22/2019	NZDDKK	11:30:00 AM					N/A
2/22/2019	NZDDKK	1:30:00 PM	4.477	4.481			N/A
2/22/2019	NZDDKK	3:30:00 PM					N/A
2/25/2019	NZDDKK	9:30:00 AM					N/A
2/25/2019	NZDDKK	11:30:00 AM					N/A
2/25/2019	NZDDKK	1:30:00 PM	4.526	4.529			N/A
2/25/2019	NZDDKK	3:30:00 PM	4.525	4.529			N/A
2/26/2019	NZDDKK	9:30:00 AM	4.522	4.526			N/A
2/26/2019	NZDDKK	11:30:00 AM					N/A
2/26/2019	NZDDKK	1:30:00 PM					N/A
2/26/2019	NZDDKK	3:30:00 PM	4.515	4.519			N/A
2/27/2019	NZDDKK	9:30:00 AM					N/A
2/27/2019	NZDDKK	11:30:00 AM	4.502	4.505			N/A
2/27/2019	NZDDKK	1:30:00 PM	4.493	4.497			N/A
2/27/2019	NZDDKK	3:30:00 PM	4.496	4.5			N/A
2/28/2019	NZDDKK	9:30:00 AM					N/A
2/28/2019	NZDDKK	11:30:00 AM					N/A
2/28/2019	NZDDKK	1:30:00 PM	4.468	4.472			N/A
2/28/2019	NZDDKK	3:30:00 PM	4.471	4.471			N/A
3/1/2019	NZDDKK	9:30:00 AM	4.473	4.477			N/A
3/1/2019	NZDDKK	11:30:00 AM					N/A
3/1/2019	NZDDKK	1:30:00 PM					N/A
3/1/2019	NZDDKK	3:30:00 PM					N/A
3/4/2019	NZDDKK	9:30:00 AM	4.469	4.473			N/A

3/4/2019	NZDDKK	11:30:00 AM					N/A
3/4/2019	NZDDKK	1:30:00 PM	4.477	4.481			N/A
3/4/2019	NZDDKK	3:30:00 PM					N/A
3/5/2019	NZDDKK	9:30:00 AM	4.474	4.476			N/A
3/5/2019	NZDDKK	11:30:00 AM					N/A
3/5/2019	NZDDKK	1:30:00 PM					N/A
3/5/2019	NZDDKK	3:30:00 PM	4.472	4.476			N/A
3/6/2019	NZDDKK	9:30:00 AM					N/A
3/6/2019	NZDDKK	11:30:00 AM					N/A
3/6/2019	NZDDKK	1:30:00 PM	4.472	4.475			N/A
3/6/2019	NZDDKK	3:30:00 PM	4.466	4.47			N/A
3/7/2019	NZDDKK	9:30:00 AM	4.476	4.48			N/A
3/7/2019	NZDDKK	11:30:00 AM					N/A
3/7/2019	NZDDKK	1:30:00 PM					N/A
3/7/2019	NZDDKK	3:30:00 PM	4.485	4.487			N/A
3/8/2019	NZDDKK	9:30:00 AM					N/A
3/8/2019	NZDDKK	11:30:00 AM					N/A
3/8/2019	NZDDKK	1:30:00 PM	4.513	4.516			N/A
3/8/2019	NZDDKK	3:30:00 PM	4.513	4.517			N/A
3/11/2019	NZDDKK	9:30:00 AM					N/A
3/11/2019	NZDDKK	11:30:00 AM					N/A
3/11/2019	NZDDKK	1:30:00 PM	4.516	4.52			N/A
3/11/2019	NZDDKK	3:30:00 PM					N/A
3/12/2019	NZDDKK	9:30:00 AM					N/A
3/12/2019	NZDDKK	11:30:00 AM					N/A
3/12/2019	NZDDKK	1:30:00 PM	4.532	4.535			N/A
3/12/2019	NZDDKK	3:30:00 PM					N/A
3/13/2019	NZDDKK	9:30:00 AM					N/A
3/13/2019	NZDDKK	11:30:00 AM					N/A
3/13/2019	NZDDKK	1:30:00 PM					N/A
3/13/2019	NZDDKK	3:30:00 PM					N/A
3/14/2019	NZDDKK	9:30:00 AM	4.504	4.508			N/A
3/14/2019	NZDDKK	11:30:00 AM					N/A
3/14/2019	NZDDKK	1:30:00 PM	4.5	4.503			N/A
3/14/2019	NZDDKK	3:30:00 PM	4.499	4.503			N/A
3/15/2019	NZDDKK	9:30:00 AM					N/A
3/15/2019	NZDDKK	11:30:00 AM	4.514	4.518			N/A
3/15/2019	NZDDKK	1:30:00 PM					N/A
3/15/2019	NZDDKK	3:30:00 PM	4.512	4.516			N/A
3/18/2019	NZDDKK	9:30:00 AM	4.518	4.522			N/A
3/18/2019	NZDDKK	11:30:00 AM					N/A
3/18/2019	NZDDKK	1:30:00 PM					N/A
3/18/2019	NZDDKK	3:30:00 PM	4.51	4.514			N/A
3/19/2019	NZDDKK	9:30:00 AM					N/A
3/19/2019	NZDDKK	11:30:00 AM					N/A
3/19/2019	NZDDKK	1:30:00 PM					N/A
3/19/2019	NZDDKK	3:30:00 PM	4.512	4.516			N/A
3/20/2019	NZDDKK	9:30:00 AM					N/A
3/20/2019	NZDDKK	11:30:00 AM					N/A
3/20/2019	NZDDKK	1:30:00 PM					N/A

3/20/2019	NZDDKK	3:30:00 PM					N/A
3/21/2019	NZDDKK	9:30:00 AM	4.522	4.526			N/A
3/21/2019	NZDDKK	11:30:00 AM					N/A
3/21/2019	NZDDKK	1:30:00 PM					N/A
3/21/2019	NZDDKK	3:30:00 PM					N/A
3/22/2019	NZDDKK	9:30:00 AM					N/A
3/22/2019	NZDDKK	11:30:00 AM					N/A
3/22/2019	NZDDKK	1:30:00 PM	4.534	4.538			N/A
3/22/2019	NZDDKK	3:30:00 PM					N/A
3/25/2019	NZDDKK	9:30:00 AM					N/A
3/25/2019	NZDDKK	11:30:00 AM	4.535	4.539			N/A
3/25/2019	NZDDKK	1:30:00 PM					N/A
3/25/2019	NZDDKK	3:30:00 PM	4.546	4.55			N/A
3/26/2019	NZDDKK	9:30:00 AM	4.552	4.556			N/A
3/26/2019	NZDDKK	11:30:00 AM					N/A
3/26/2019	NZDDKK	1:30:00 PM	4.552	4.556			N/A
3/26/2019	NZDDKK	3:30:00 PM	4.563	4.566			N/A
3/27/2019	NZDDKK	9:30:00 AM					N/A
3/27/2019	NZDDKK	11:30:00 AM					N/A
3/27/2019	NZDDKK	1:30:00 PM					N/A
3/27/2019	NZDDKK	3:30:00 PM	4.51	4.511			N/A
3/28/2019	NZDDKK	9:30:00 AM					N/A
3/28/2019	NZDDKK	11:30:00 AM					N/A
3/28/2019	NZDDKK	1:30:00 PM	4.521	4.524			N/A
3/28/2019	NZDDKK	3:30:00 PM	4.517	4.52			N/A
3/29/2019	NZDDKK	9:30:00 AM					N/A
3/29/2019	NZDDKK	11:30:00 AM	4.516	4.518			N/A
3/29/2019	NZDDKK	1:30:00 PM	4.516	4.519			N/A
3/29/2019	NZDDKK	3:30:00 PM					N/A
1/1/2019	NZDHKD	9:30:00 AM					N/A
1/1/2019	NZDHKD	11:30:00 AM					N/A
1/1/2019	NZDHKD	1:30:00 PM					N/A
1/1/2019	NZDHKD	3:30:00 PM					N/A
1/2/2019	NZDHKD	9:30:00 AM					N/A
1/2/2019	NZDHKD	11:30:00 AM					N/A
1/2/2019	NZDHKD	1:30:00 PM					N/A
1/2/2019	NZDHKD	3:30:00 PM					N/A
1/3/2019	NZDHKD	9:30:00 AM					N/A
1/3/2019	NZDHKD	11:30:00 AM					N/A
1/3/2019	NZDHKD	1:30:00 PM					N/A
1/3/2019	NZDHKD	3:30:00 PM					N/A
1/4/2019	NZDHKD	9:30:00 AM					N/A
1/4/2019	NZDHKD	11:30:00 AM					N/A
1/4/2019	NZDHKD	1:30:00 PM					N/A
1/4/2019	NZDHKD	3:30:00 PM					N/A
1/7/2019	NZDHKD	9:30:00 AM	5.2835	5.2859			N/A
1/7/2019	NZDHKD	11:30:00 AM					N/A
1/7/2019	NZDHKD	1:30:00 PM	5.2912	5.2941			N/A
1/7/2019	NZDHKD	3:30:00 PM	5.2976	5.3005			N/A
1/8/2019	NZDHKD	9:30:00 AM	5.2795	5.2807			N/A

1/8/2019	NZDHKD	11:30:00 AM	5.2832	5.2851			N/A
1/8/2019	NZDHKD	1:30:00 PM	5.2752	5.2774			N/A
1/8/2019	NZDHKD	3:30:00 PM	5.2643	5.2665			N/A
1/9/2019	NZDHKD	9:30:00 AM	5.2944	5.2967			N/A
1/9/2019	NZDHKD	11:30:00 AM					N/A
1/9/2019	NZDHKD	1:30:00 PM	5.3066	5.3094			N/A
1/9/2019	NZDHKD	3:30:00 PM	5.3104	5.3129			N/A
1/10/2019	NZDHKD	9:30:00 AM	5.3149	5.3177			N/A
1/10/2019	NZDHKD	11:30:00 AM	5.313	5.3142			N/A
1/10/2019	NZDHKD	1:30:00 PM	5.3144	5.3174			N/A
1/10/2019	NZDHKD	3:30:00 PM	5.3196	5.3224			N/A
1/11/2019	NZDHKD	9:30:00 AM	5.3501	5.3523			N/A
1/11/2019	NZDHKD	11:30:00 AM					N/A
1/11/2019	NZDHKD	1:30:00 PM	5.3565	5.3587			N/A
1/11/2019	NZDHKD	3:30:00 PM	5.3575	5.3566			N/A
1/14/2019	NZDHKD	9:30:00 AM	5.3301	5.3325			N/A
1/14/2019	NZDHKD	11:30:00 AM	5.3378	5.3405			N/A
1/14/2019	NZDHKD	1:30:00 PM	5.3444	5.3473			N/A
1/14/2019	NZDHKD	3:30:00 PM	5.3453	5.3475			N/A
1/15/2019	NZDHKD	9:30:00 AM	5.3653	5.3668			N/A
1/15/2019	NZDHKD	11:30:00 AM					N/A
1/15/2019	NZDHKD	1:30:00 PM	5.3505	5.3532			N/A
1/15/2019	NZDHKD	3:30:00 PM	5.3424	5.3439			N/A
1/16/2019	NZDHKD	9:30:00 AM	5.3504	5.3533			N/A
1/16/2019	NZDHKD	11:30:00 AM	5.3327	5.3356			N/A
1/16/2019	NZDHKD	1:30:00 PM	5.303	5.3033			N/A
1/16/2019	NZDHKD	3:30:00 PM	5.3086	5.3114			N/A
1/17/2019	NZDHKD	9:30:00 AM	5.2812	5.2827			N/A
1/17/2019	NZDHKD	11:30:00 AM					N/A
1/17/2019	NZDHKD	1:30:00 PM	5.2802	5.2822			N/A
1/17/2019	NZDHKD	3:30:00 PM	5.2848	5.287			N/A
1/18/2019	NZDHKD	9:30:00 AM	5.3054	5.308			N/A
1/18/2019	NZDHKD	11:30:00 AM	5.2948	5.2973			N/A
1/18/2019	NZDHKD	1:30:00 PM	5.3067	5.3096			N/A
1/18/2019	NZDHKD	3:30:00 PM	5.309	5.3101			N/A
1/21/2019	NZDHKD	9:30:00 AM	5.2781	5.281			N/A
1/21/2019	NZDHKD	11:30:00 AM					N/A
1/21/2019	NZDHKD	1:30:00 PM	5.275	5.2772			N/A
1/21/2019	NZDHKD	3:30:00 PM	5.2691	5.2719			N/A
1/22/2019	NZDHKD	9:30:00 AM	5.2668	5.2674			N/A
1/22/2019	NZDHKD	11:30:00 AM	5.2632	5.2656			N/A
1/22/2019	NZDHKD	1:30:00 PM	5.2619	5.2648			N/A
1/22/2019	NZDHKD	3:30:00 PM	5.2698	5.272			N/A
1/23/2019	NZDHKD	9:30:00 AM	5.3188	5.3216			N/A
1/23/2019	NZDHKD	11:30:00 AM					N/A
1/23/2019	NZDHKD	1:30:00 PM	5.3279	5.3306			N/A
1/23/2019	NZDHKD	3:30:00 PM	5.3198	5.3217			N/A
1/24/2019	NZDHKD	9:30:00 AM	5.3118	5.3146			N/A
1/24/2019	NZDHKD	11:30:00 AM	5.3093	5.3106			N/A
1/24/2019	NZDHKD	1:30:00 PM	5.3085	5.3112			N/A

1/24/2019	NZDHKD	3:30:00 PM	5.3132	5.3161			N/A
1/25/2019	NZDHKD	9:30:00 AM	5.3122	5.315			N/A
1/25/2019	NZDHKD	11:30:00 AM					N/A
1/25/2019	NZDHKD	1:30:00 PM	5.3134	5.3161			N/A
1/25/2019	NZDHKD	3:30:00 PM	5.3253	5.3281			N/A
1/28/2019	NZDHKD	9:30:00 AM	5.3787	5.38			N/A
1/28/2019	NZDHKD	11:30:00 AM	5.3699	5.3724			N/A
1/28/2019	NZDHKD	1:30:00 PM	5.3704	5.3721			N/A
1/28/2019	NZDHKD	3:30:00 PM	5.3642	5.3669			N/A
1/29/2019	NZDHKD	9:30:00 AM	5.3721	5.3749			N/A
1/29/2019	NZDHKD	11:30:00 AM					N/A
1/29/2019	NZDHKD	1:30:00 PM	5.3653	5.3682			N/A
1/29/2019	NZDHKD	3:30:00 PM	5.3655	5.3683			N/A
1/30/2019	NZDHKD	9:30:00 AM	5.3686	5.3714			N/A
1/30/2019	NZDHKD	11:30:00 AM	5.3616	5.3644			N/A
1/30/2019	NZDHKD	1:30:00 PM	5.3632	5.3661			N/A
1/30/2019	NZDHKD	3:30:00 PM	5.3534	5.3559			N/A
1/31/2019	NZDHKD	9:30:00 AM	5.4236	5.4237			N/A
1/31/2019	NZDHKD	11:30:00 AM					N/A
1/31/2019	NZDHKD	1:30:00 PM	5.4206	5.4232			N/A
1/31/2019	NZDHKD	3:30:00 PM	5.4313	5.4309			N/A
2/1/2019	NZDHKD	9:30:00 AM	5.415	5.4179			N/A
2/1/2019	NZDHKD	11:30:00 AM	5.424	5.4264			N/A
2/1/2019	NZDHKD	1:30:00 PM	5.43	5.4329			N/A
2/1/2019	NZDHKD	3:30:00 PM	5.4329	5.4308			N/A
2/4/2019	NZDHKD	9:30:00 AM	5.4071	5.4096			N/A
2/4/2019	NZDHKD	11:30:00 AM					N/A
2/4/2019	NZDHKD	1:30:00 PM	5.4018	5.4038			N/A
2/4/2019	NZDHKD	3:30:00 PM	5.397	5.399			N/A
2/5/2019	NZDHKD	9:30:00 AM	5.4103	5.4129			N/A
2/5/2019	NZDHKD	11:30:00 AM	5.3998	5.402			N/A
2/5/2019	NZDHKD	1:30:00 PM	5.4047	5.4067			N/A
2/5/2019	NZDHKD	3:30:00 PM	5.4117	5.4133			N/A
2/6/2019	NZDHKD	9:30:00 AM	5.3781	5.3794			N/A
2/6/2019	NZDHKD	11:30:00 AM					N/A
2/6/2019	NZDHKD	1:30:00 PM	5.3726	5.3754			N/A
2/6/2019	NZDHKD	3:30:00 PM	5.3747	5.3775			N/A
2/7/2019	NZDHKD	9:30:00 AM	5.2941	5.2959			N/A
2/7/2019	NZDHKD	11:30:00 AM	5.2956	5.2985			N/A
2/7/2019	NZDHKD	1:30:00 PM	5.2954	5.2981			N/A
2/7/2019	NZDHKD	3:30:00 PM	5.2977	5.3005			N/A
2/8/2019	NZDHKD	9:30:00 AM	5.2994	5.3015			N/A
2/8/2019	NZDHKD	11:30:00 AM					N/A
2/8/2019	NZDHKD	1:30:00 PM	5.2924	5.2951			N/A
2/8/2019	NZDHKD	3:30:00 PM	5.296	5.297			N/A
2/11/2019	NZDHKD	9:30:00 AM	5.3062	5.3091			N/A
2/11/2019	NZDHKD	11:30:00 AM	5.294	5.2963			N/A
2/11/2019	NZDHKD	1:30:00 PM	5.2945	5.2973			N/A
2/11/2019	NZDHKD	3:30:00 PM	5.29	5.2909			N/A
2/12/2019	NZDHKD	9:30:00 AM	5.2815	5.2843			N/A

2/12/2019	NZDHKD	11:30:00 AM					N/A
2/12/2019	NZDHKD	1:30:00 PM	5.2812	5.284			N/A
2/12/2019	NZDHKD	3:30:00 PM	5.2845	5.2874			N/A
2/13/2019	NZDHKD	9:30:00 AM	5.3636	5.3662			N/A
2/13/2019	NZDHKD	11:30:00 AM	5.35	5.3529			N/A
2/13/2019	NZDHKD	1:30:00 PM	5.3465	5.3492			N/A
2/13/2019	NZDHKD	3:30:00 PM	5.3446	5.3433			N/A
2/14/2019	NZDHKD	9:30:00 AM	5.3658	5.3687			N/A
2/14/2019	NZDHKD	11:30:00 AM					N/A
2/14/2019	NZDHKD	1:30:00 PM	5.3588	5.3616			N/A
2/14/2019	NZDHKD	3:30:00 PM	5.3686	5.3667			N/A
2/15/2019	NZDHKD	9:30:00 AM					N/A
2/15/2019	NZDHKD	11:30:00 AM					N/A
2/15/2019	NZDHKD	1:30:00 PM					N/A
2/15/2019	NZDHKD	3:30:00 PM					N/A
2/18/2019	NZDHKD	9:30:00 AM	5.3908	5.393			N/A
2/18/2019	NZDHKD	11:30:00 AM					N/A
2/18/2019	NZDHKD	1:30:00 PM	5.39	5.3927			N/A
2/18/2019	NZDHKD	3:30:00 PM	5.3943	5.3972			N/A
2/19/2019	NZDHKD	9:30:00 AM	5.3637	5.3666			N/A
2/19/2019	NZDHKD	11:30:00 AM	5.3562	5.3584			N/A
2/19/2019	NZDHKD	1:30:00 PM	5.35	5.3529			N/A
2/19/2019	NZDHKD	3:30:00 PM	5.3552	5.3567			N/A
2/20/2019	NZDHKD	9:30:00 AM	5.3859	5.3883			N/A
2/20/2019	NZDHKD	11:30:00 AM					N/A
2/20/2019	NZDHKD	1:30:00 PM	5.3822	5.3842			N/A
2/20/2019	NZDHKD	3:30:00 PM	5.387	5.3899			N/A
2/21/2019	NZDHKD	9:30:00 AM	5.3592	5.3577			N/A
2/21/2019	NZDHKD	11:30:00 AM	5.3463	5.3492			N/A
2/21/2019	NZDHKD	1:30:00 PM	5.3455	5.3467			N/A
2/21/2019	NZDHKD	3:30:00 PM	5.3497	5.3509			N/A
2/22/2019	NZDHKD	9:30:00 AM	5.3304	5.3333			N/A
2/22/2019	NZDHKD	11:30:00 AM					N/A
2/22/2019	NZDHKD	1:30:00 PM	5.34	5.3426			N/A
2/22/2019	NZDHKD	3:30:00 PM	5.3485	5.351			N/A
2/25/2019	NZDHKD	9:30:00 AM	5.3851	5.388			N/A
2/25/2019	NZDHKD	11:30:00 AM	5.3956	5.3985			N/A
2/25/2019	NZDHKD	1:30:00 PM	5.4097	5.4119			N/A
2/25/2019	NZDHKD	3:30:00 PM	5.4054	5.4071			N/A
2/26/2019	NZDHKD	9:30:00 AM	5.4008	5.4027			N/A
2/26/2019	NZDHKD	11:30:00 AM					N/A
2/26/2019	NZDHKD	1:30:00 PM	5.3944	5.3973			N/A
2/26/2019	NZDHKD	3:30:00 PM	5.3971	5.3975			N/A
2/27/2019	NZDHKD	9:30:00 AM	5.4074	5.4104			N/A
2/27/2019	NZDHKD	11:30:00 AM	5.3946	5.3968			N/A
2/27/2019	NZDHKD	1:30:00 PM	5.3884	5.3911			N/A
2/27/2019	NZDHKD	3:30:00 PM	5.3854	5.3878			N/A
2/28/2019	NZDHKD	9:30:00 AM	5.3708	5.3719			N/A
2/28/2019	NZDHKD	11:30:00 AM					N/A
2/28/2019	NZDHKD	1:30:00 PM	5.3651	5.368			N/A

2/28/2019	NZDHKD	3:30:00 PM	5.3651	5.3608			N/A
3/1/2019	NZDHKD	9:30:00 AM	5.3493	5.3521			N/A
3/1/2019	NZDHKD	11:30:00 AM	5.3459	5.3486			N/A
3/1/2019	NZDHKD	1:30:00 PM	5.3558	5.3581			N/A
3/1/2019	NZDHKD	3:30:00 PM	5.3575	5.359			N/A
3/4/2019	NZDHKD	9:30:00 AM	5.3419	5.3446			N/A
3/4/2019	NZDHKD	11:30:00 AM					N/A
3/4/2019	NZDHKD	1:30:00 PM	5.3405	5.3425			N/A
3/4/2019	NZDHKD	3:30:00 PM	5.3411	5.3439			N/A
3/5/2019	NZDHKD	9:30:00 AM	5.3267	5.3295			N/A
3/5/2019	NZDHKD	11:30:00 AM	5.3321	5.335			N/A
3/5/2019	NZDHKD	1:30:00 PM	5.3284	5.3313			N/A
3/5/2019	NZDHKD	3:30:00 PM	5.3268	5.3296			N/A
3/6/2019	NZDHKD	9:30:00 AM	5.3151	5.3179			N/A
3/6/2019	NZDHKD	11:30:00 AM					N/A
3/6/2019	NZDHKD	1:30:00 PM	5.3177	5.3205			N/A
3/6/2019	NZDHKD	3:30:00 PM	5.3138	5.3167			N/A
3/7/2019	NZDHKD	9:30:00 AM	5.3228	5.3246			N/A
3/7/2019	NZDHKD	11:30:00 AM	5.3201	5.3229			N/A
3/7/2019	NZDHKD	1:30:00 PM	5.326	5.3289			N/A
3/7/2019	NZDHKD	3:30:00 PM	5.3169	5.3194			N/A
3/8/2019	NZDHKD	9:30:00 AM	5.305	5.3078			N/A
3/8/2019	NZDHKD	11:30:00 AM					N/A
3/8/2019	NZDHKD	1:30:00 PM	5.3266	5.3295			N/A
3/8/2019	NZDHKD	3:30:00 PM	5.3299	5.3323			N/A
3/11/2019	NZDHKD	9:30:00 AM	5.3398	5.3427			N/A
3/11/2019	NZDHKD	11:30:00 AM	5.3475	5.3503			N/A
3/11/2019	NZDHKD	1:30:00 PM	5.3405	5.3428			N/A
3/11/2019	NZDHKD	3:30:00 PM	5.3513	5.3541			N/A
3/12/2019	NZDHKD	9:30:00 AM	5.3687	5.371			N/A
3/12/2019	NZDHKD	11:30:00 AM					N/A
3/12/2019	NZDHKD	1:30:00 PM	5.3659	5.3689			N/A
3/12/2019	NZDHKD	3:30:00 PM	5.3824	5.3853			N/A
3/13/2019	NZDHKD	9:30:00 AM	5.3601	5.363			N/A
3/13/2019	NZDHKD	11:30:00 AM	5.3689	5.3718			N/A
3/13/2019	NZDHKD	1:30:00 PM	5.3668	5.369			N/A
3/13/2019	NZDHKD	3:30:00 PM	5.3604	5.3633			N/A
3/14/2019	NZDHKD	9:30:00 AM	5.3669	5.3692			N/A
3/14/2019	NZDHKD	11:30:00 AM					N/A
3/14/2019	NZDHKD	1:30:00 PM	5.3488	5.3516			N/A
3/14/2019	NZDHKD	3:30:00 PM	5.3473	5.3491			N/A
3/15/2019	NZDHKD	9:30:00 AM	5.3737	5.3755			N/A
3/15/2019	NZDHKD	11:30:00 AM	5.3735	5.3761			N/A
3/15/2019	NZDHKD	1:30:00 PM	5.3679	5.3703			N/A
3/15/2019	NZDHKD	3:30:00 PM	5.3696	5.3713			N/A
3/18/2019	NZDHKD	9:30:00 AM	5.389	5.3918			N/A
3/18/2019	NZDHKD	11:30:00 AM					N/A
3/18/2019	NZDHKD	1:30:00 PM	5.3893	5.3921			N/A
3/18/2019	NZDHKD	3:30:00 PM	5.3819	5.3847			N/A
3/19/2019	NZDHKD	9:30:00 AM	5.378	5.3809			N/A

3/19/2019	NZDHKD	11:30:00 AM	5.38	5.3824			N/A
3/19/2019	NZDHKD	1:30:00 PM	5.3831	5.3851			N/A
3/19/2019	NZDHKD	3:30:00 PM	5.3876	5.3893			N/A
3/20/2019	NZDHKD	9:30:00 AM	5.366	5.3688			N/A
3/20/2019	NZDHKD	11:30:00 AM					N/A
3/20/2019	NZDHKD	1:30:00 PM	5.371	5.3738			N/A
3/20/2019	NZDHKD	3:30:00 PM	5.3768	5.3797			N/A
3/21/2019	NZDHKD	9:30:00 AM	5.434	5.4355			N/A
3/21/2019	NZDHKD	11:30:00 AM	5.4236	5.4265			N/A
3/21/2019	NZDHKD	1:30:00 PM	5.4103	5.4128			N/A
3/21/2019	NZDHKD	3:30:00 PM	5.4088	5.4104			N/A
3/22/2019	NZDHKD	9:30:00 AM	5.4065	5.409			N/A
3/22/2019	NZDHKD	11:30:00 AM					N/A
3/22/2019	NZDHKD	1:30:00 PM	5.3901	5.3922			N/A
3/22/2019	NZDHKD	3:30:00 PM	5.3961	5.399			N/A
3/25/2019	NZDHKD	9:30:00 AM	5.3974	5.4001			N/A
3/25/2019	NZDHKD	11:30:00 AM	5.3962	5.3986			N/A
3/25/2019	NZDHKD	1:30:00 PM	5.3957	5.3986			N/A
3/25/2019	NZDHKD	3:30:00 PM	5.4103	5.4112			N/A
3/26/2019	NZDHKD	9:30:00 AM	5.4144	5.4169			N/A
3/26/2019	NZDHKD	11:30:00 AM					N/A
3/26/2019	NZDHKD	1:30:00 PM	5.4155	5.4183			N/A
3/26/2019	NZDHKD	3:30:00 PM	5.4181	5.4205			N/A
3/27/2019	NZDHKD	9:30:00 AM	5.3406	5.3427			N/A
3/27/2019	NZDHKD	11:30:00 AM	5.3445	5.3473			N/A
3/27/2019	NZDHKD	1:30:00 PM	5.3395	5.3423			N/A
3/27/2019	NZDHKD	3:30:00 PM	5.3382	5.3381			N/A
3/28/2019	NZDHKD	9:30:00 AM	5.3552	5.3581			N/A
3/28/2019	NZDHKD	11:30:00 AM					N/A
3/28/2019	NZDHKD	1:30:00 PM	5.3385	5.341			N/A
3/28/2019	NZDHKD	3:30:00 PM	5.3318	5.3335			N/A
3/29/2019	NZDHKD	9:30:00 AM	5.3354	5.3382			N/A
3/29/2019	NZDHKD	11:30:00 AM	5.3312	5.334			N/A
3/29/2019	NZDHKD	1:30:00 PM	5.333	5.3359			N/A
3/29/2019	NZDHKD	3:30:00 PM	5.3394	5.3423			N/A
1/1/2019	NZDHUF	9:30:00 AM					N/A
1/1/2019	NZDHUF	11:30:00 AM					N/A
1/1/2019	NZDHUF	1:30:00 PM					N/A
1/1/2019	NZDHUF	3:30:00 PM					N/A
1/2/2019	NZDHUF	9:30:00 AM					N/A
1/2/2019	NZDHUF	11:30:00 AM					N/A
1/2/2019	NZDHUF	1:30:00 PM					N/A
1/2/2019	NZDHUF	3:30:00 PM					N/A
1/3/2019	NZDHUF	9:30:00 AM					N/A
1/3/2019	NZDHUF	11:30:00 AM					N/A
1/3/2019	NZDHUF	1:30:00 PM					N/A
1/3/2019	NZDHUF	3:30:00 PM					N/A
1/4/2019	NZDHUF	9:30:00 AM					N/A
1/4/2019	NZDHUF	11:30:00 AM					N/A
1/4/2019	NZDHUF	1:30:00 PM					N/A

1/4/2019	NZDHUF	3:30:00 PM					N/A
1/7/2019	NZDHUF	9:30:00 AM	189.51	189.73			N/A
1/7/2019	NZDHUF	11:30:00 AM					N/A
1/7/2019	NZDHUF	1:30:00 PM	189.49	189.74			N/A
1/7/2019	NZDHUF	3:30:00 PM	189.46	189.74			N/A
1/8/2019	NZDHUF	9:30:00 AM	189	189.18			N/A
1/8/2019	NZDHUF	11:30:00 AM	188.9	189.16			N/A
1/8/2019	NZDHUF	1:30:00 PM	189.03	189.29			N/A
1/8/2019	NZDHUF	3:30:00 PM	188.9	189.06			N/A
1/9/2019	NZDHUF	9:30:00 AM	189.19	189.48			N/A
1/9/2019	NZDHUF	11:30:00 AM					N/A
1/9/2019	NZDHUF	1:30:00 PM	190.15	190.3			N/A
1/9/2019	NZDHUF	3:30:00 PM	190.25	190.55			N/A
1/10/2019	NZDHUF	9:30:00 AM	188.64	188.91			N/A
1/10/2019	NZDHUF	11:30:00 AM	189.09	189.25			N/A
1/10/2019	NZDHUF	1:30:00 PM	188.8	189.03			N/A
1/10/2019	NZDHUF	3:30:00 PM	188.74	188.89			N/A
1/11/2019	NZDHUF	9:30:00 AM	189.96	190.25			N/A
1/11/2019	NZDHUF	11:30:00 AM					N/A
1/11/2019	NZDHUF	1:30:00 PM	190.38	190.65			N/A
1/11/2019	NZDHUF	3:30:00 PM	190.42	190.57			N/A
1/14/2019	NZDHUF	9:30:00 AM	190.3	190.57			N/A
1/14/2019	NZDHUF	11:30:00 AM	190.49	190.75			N/A
1/14/2019	NZDHUF	1:30:00 PM	190.83	191.09			N/A
1/14/2019	NZDHUF	3:30:00 PM	191.01	191.27			N/A
1/15/2019	NZDHUF	9:30:00 AM	191.6	191.86			N/A
1/15/2019	NZDHUF	11:30:00 AM					N/A
1/15/2019	NZDHUF	1:30:00 PM	192.03	192.32			N/A
1/15/2019	NZDHUF	3:30:00 PM	192.39	192.56			N/A
1/16/2019	NZDHUF	9:30:00 AM	193.28	193.49			N/A
1/16/2019	NZDHUF	11:30:00 AM	192.45	192.73			N/A
1/16/2019	NZDHUF	1:30:00 PM	190.75	190.95			N/A
1/16/2019	NZDHUF	3:30:00 PM	190.99	191.23			N/A
1/17/2019	NZDHUF	9:30:00 AM	190.24	190.49			N/A
1/17/2019	NZDHUF	11:30:00 AM					N/A
1/17/2019	NZDHUF	1:30:00 PM	189.19	189.43			N/A
1/17/2019	NZDHUF	3:30:00 PM	189.08	189.19			N/A
1/18/2019	NZDHUF	9:30:00 AM	189.52	189.8			N/A
1/18/2019	NZDHUF	11:30:00 AM	188.89	189.09			N/A
1/18/2019	NZDHUF	1:30:00 PM	188.79	189.08			N/A
1/18/2019	NZDHUF	3:30:00 PM	188.68	188.84			N/A
1/21/2019	NZDHUF	9:30:00 AM	187.82	188.06			N/A
1/21/2019	NZDHUF	11:30:00 AM					N/A
1/21/2019	NZDHUF	1:30:00 PM	187.81	188.1			N/A
1/21/2019	NZDHUF	3:30:00 PM	187.7	187.96			N/A
1/22/2019	NZDHUF	9:30:00 AM	187.84	187.95			N/A
1/22/2019	NZDHUF	11:30:00 AM	187.56	187.78			N/A
1/22/2019	NZDHUF	1:30:00 PM	187.63	187.92			N/A
1/22/2019	NZDHUF	3:30:00 PM	188.03	188.22			N/A
1/23/2019	NZDHUF	9:30:00 AM	189.68	189.97			N/A

1/23/2019	NZDHUF	11:30:00 AM					N/A
1/23/2019	NZDHUF	1:30:00 PM	189.93	190.23			N/A
1/23/2019	NZDHUF	3:30:00 PM	189.6	189.87			N/A
1/24/2019	NZDHUF	9:30:00 AM	189.17	189.45			N/A
1/24/2019	NZDHUF	11:30:00 AM	189.97	190.21			N/A
1/24/2019	NZDHUF	1:30:00 PM	190.05	190.25			N/A
1/24/2019	NZDHUF	3:30:00 PM	190.12	190.38			N/A
1/25/2019	NZDHUF	9:30:00 AM	190.31	190.55			N/A
1/25/2019	NZDHUF	11:30:00 AM					N/A
1/25/2019	NZDHUF	1:30:00 PM	189.87	190.06			N/A
1/25/2019	NZDHUF	3:30:00 PM	190.16	190.46			N/A
1/28/2019	NZDHUF	9:30:00 AM	190.61	190.89			N/A
1/28/2019	NZDHUF	11:30:00 AM	190.64	190.9			N/A
1/28/2019	NZDHUF	1:30:00 PM	190.39	190.67			N/A
1/28/2019	NZDHUF	3:30:00 PM	189.98	190.2			N/A
1/29/2019	NZDHUF	9:30:00 AM	189.84	190.1			N/A
1/29/2019	NZDHUF	11:30:00 AM					N/A
1/29/2019	NZDHUF	1:30:00 PM	189.6	189.86			N/A
1/29/2019	NZDHUF	3:30:00 PM	189.77	190.06			N/A
1/30/2019	NZDHUF	9:30:00 AM	189.7	189.97			N/A
1/30/2019	NZDHUF	11:30:00 AM					N/A
1/30/2019	NZDHUF	1:30:00 PM	189.54	189.84			N/A
1/30/2019	NZDHUF	3:30:00 PM	188.92	189.22			N/A
1/31/2019	NZDHUF	9:30:00 AM	189.36	189.57			N/A
1/31/2019	NZDHUF	11:30:00 AM					N/A
1/31/2019	NZDHUF	1:30:00 PM	190.01	190.3			N/A
1/31/2019	NZDHUF	3:30:00 PM	190.04	190.25			N/A
2/1/2019	NZDHUF	9:30:00 AM	190.33	190.54			N/A
2/1/2019	NZDHUF	11:30:00 AM	191.26	191.44			N/A
2/1/2019	NZDHUF	1:30:00 PM					N/A
2/1/2019	NZDHUF	3:30:00 PM	191.77	191.96			N/A
2/4/2019	NZDHUF	9:30:00 AM	191.15	191.44			N/A
2/4/2019	NZDHUF	11:30:00 AM					N/A
2/4/2019	NZDHUF	1:30:00 PM	190.88	191.16			N/A
2/4/2019	NZDHUF	3:30:00 PM	190.83	191.08			N/A
2/5/2019	NZDHUF	9:30:00 AM	191.39	191.67			N/A
2/5/2019	NZDHUF	11:30:00 AM	191.32	191.48			N/A
2/5/2019	NZDHUF	1:30:00 PM	191.47	191.72			N/A
2/5/2019	NZDHUF	3:30:00 PM	191.56	191.85			N/A
2/6/2019	NZDHUF	9:30:00 AM	191.3	191.53			N/A
2/6/2019	NZDHUF	11:30:00 AM					N/A
2/6/2019	NZDHUF	1:30:00 PM	191.42	191.71			N/A
2/6/2019	NZDHUF	3:30:00 PM	191.47	191.66			N/A
2/7/2019	NZDHUF	9:30:00 AM	189.33	189.61			N/A
2/7/2019	NZDHUF	11:30:00 AM	189.99	190.26			N/A
2/7/2019	NZDHUF	1:30:00 PM	190.06	190.34			N/A
2/7/2019	NZDHUF	3:30:00 PM	190.05	190.26			N/A
2/8/2019	NZDHUF	9:30:00 AM	189.72	189.98			N/A
2/8/2019	NZDHUF	11:30:00 AM					N/A
2/8/2019	NZDHUF	1:30:00 PM	189.43	189.71			N/A

2/8/2019	NZDHUF	3:30:00 PM	189.19	189.42			N/A
2/11/2019	NZDHUF	9:30:00 AM	190.13	190.37			N/A
2/11/2019	NZDHUF	11:30:00 AM	190.36	190.65			N/A
2/11/2019	NZDHUF	1:30:00 PM	190.52	190.81			N/A
2/11/2019	NZDHUF	3:30:00 PM	190.47	190.74			N/A
2/12/2019	NZDHUF	9:30:00 AM	190.51	190.8			N/A
2/12/2019	NZDHUF	11:30:00 AM					N/A
2/12/2019	NZDHUF	1:30:00 PM	189.69	189.96			N/A
2/12/2019	NZDHUF	3:30:00 PM	189.46	189.73			N/A
2/13/2019	NZDHUF	9:30:00 AM	191.78	192.05			N/A
2/13/2019	NZDHUF	11:30:00 AM	191	191.28			N/A
2/13/2019	NZDHUF	1:30:00 PM	191.32	191.61			N/A
2/13/2019	NZDHUF	3:30:00 PM	191.47	191.74			N/A
2/14/2019	NZDHUF	9:30:00 AM	192.86	193.13			N/A
2/14/2019	NZDHUF	11:30:00 AM					N/A
2/14/2019	NZDHUF	1:30:00 PM	192.94	193.19			N/A
2/14/2019	NZDHUF	3:30:00 PM	193.21	193.51			N/A
2/15/2019	NZDHUF	9:30:00 AM					N/A
2/15/2019	NZDHUF	11:30:00 AM					N/A
2/15/2019	NZDHUF	1:30:00 PM					N/A
2/15/2019	NZDHUF	3:30:00 PM					N/A
2/18/2019	NZDHUF	9:30:00 AM	192.91	193.18			N/A
2/18/2019	NZDHUF	11:30:00 AM					N/A
2/18/2019	NZDHUF	1:30:00 PM	192.68	192.98			N/A
2/18/2019	NZDHUF	3:30:00 PM	192.92	193.18			N/A
2/19/2019	NZDHUF	9:30:00 AM	192.08	192.36			N/A
2/19/2019	NZDHUF	11:30:00 AM	191.93	192.2			N/A
2/19/2019	NZDHUF	1:30:00 PM	192.26	192.51			N/A
2/19/2019	NZDHUF	3:30:00 PM	192.19	192.45			N/A
2/20/2019	NZDHUF	9:30:00 AM	192.05	192.31			N/A
2/20/2019	NZDHUF	11:30:00 AM					N/A
2/20/2019	NZDHUF	1:30:00 PM	191.97	192.23			N/A
2/20/2019	NZDHUF	3:30:00 PM	192.02	192.28			N/A
2/21/2019	NZDHUF	9:30:00 AM	190.86	190.86			N/A
2/21/2019	NZDHUF	11:30:00 AM	190.53	190.8			N/A
2/21/2019	NZDHUF	1:30:00 PM	190.42	190.64			N/A
2/21/2019	NZDHUF	3:30:00 PM	190.49	190.76			N/A
2/22/2019	NZDHUF	9:30:00 AM	189.83	190.04			N/A
2/22/2019	NZDHUF	11:30:00 AM					N/A
2/22/2019	NZDHUF	1:30:00 PM	190.58	190.85			N/A
2/22/2019	NZDHUF	3:30:00 PM	190.87	191.12			N/A
2/25/2019	NZDHUF	9:30:00 AM	191.66	191.94			N/A
2/25/2019	NZDHUF	11:30:00 AM	192.41	192.7			N/A
2/25/2019	NZDHUF	1:30:00 PM	192.58	192.85			N/A
2/25/2019	NZDHUF	3:30:00 PM	192.58	192.74			N/A
2/26/2019	NZDHUF	9:30:00 AM	192.43	192.73			N/A
2/26/2019	NZDHUF	11:30:00 AM					N/A
2/26/2019	NZDHUF	1:30:00 PM	191.75	192.05			N/A
2/26/2019	NZDHUF	3:30:00 PM	191.73	191.92			N/A
2/27/2019	NZDHUF	9:30:00 AM	191.64	191.91			N/A

2/27/2019	NZDHUF	11:30:00 AM	190.74	191.02			N/A
2/27/2019	NZDHUF	1:30:00 PM	190.46	190.75			N/A
2/27/2019	NZDHUF	3:30:00 PM	190.52	190.72			N/A
2/28/2019	NZDHUF	9:30:00 AM	190.07	190.34			N/A
2/28/2019	NZDHUF	11:30:00 AM					N/A
2/28/2019	NZDHUF	1:30:00 PM	189.13	189.36			N/A
2/28/2019	NZDHUF	3:30:00 PM	189.18	189.31			N/A
3/1/2019	NZDHUF	9:30:00 AM	189.38	189.58			N/A
3/1/2019	NZDHUF	11:30:00 AM	189.16	189.42			N/A
3/1/2019	NZDHUF	1:30:00 PM	189.32	189.61			N/A
3/1/2019	NZDHUF	3:30:00 PM	189.4	189.67			N/A
3/4/2019	NZDHUF	9:30:00 AM	189.11	189.39			N/A
3/4/2019	NZDHUF	11:30:00 AM					N/A
3/4/2019	NZDHUF	1:30:00 PM	189.46	189.72			N/A
3/4/2019	NZDHUF	3:30:00 PM	189.33	189.6			N/A
3/5/2019	NZDHUF	9:30:00 AM	189.31	189.49			N/A
3/5/2019	NZDHUF	11:30:00 AM	189.04	189.28			N/A
3/5/2019	NZDHUF	1:30:00 PM	188.99	189.27			N/A
3/5/2019	NZDHUF	3:30:00 PM	188.99	189.28			N/A
3/6/2019	NZDHUF	9:30:00 AM	188.98	189.24			N/A
3/6/2019	NZDHUF	11:30:00 AM					N/A
3/6/2019	NZDHUF	1:30:00 PM	188.97	189.25			N/A
3/6/2019	NZDHUF	3:30:00 PM	188.77	189.03			N/A
3/7/2019	NZDHUF	9:30:00 AM	189.17	189.45			N/A
3/7/2019	NZDHUF	11:30:00 AM	188.81	189.09			N/A
3/7/2019	NZDHUF	1:30:00 PM	189.05	189.34			N/A
3/7/2019	NZDHUF	3:30:00 PM	189.44	189.57			N/A
3/8/2019	NZDHUF	9:30:00 AM	190.72	191			N/A
3/8/2019	NZDHUF	11:30:00 AM					N/A
3/8/2019	NZDHUF	1:30:00 PM	191.01	191.3			N/A
3/8/2019	NZDHUF	3:30:00 PM	190.92	191.19			N/A
3/11/2019	NZDHUF	9:30:00 AM	190.84	191.01			N/A
3/11/2019	NZDHUF	11:30:00 AM	190.89	191.19			N/A
3/11/2019	NZDHUF	1:30:00 PM	191.1	191.38			N/A
3/11/2019	NZDHUF	3:30:00 PM	191.28	191.53			N/A
3/12/2019	NZDHUF	9:30:00 AM	191.62	191.89			N/A
3/12/2019	NZDHUF	11:30:00 AM					N/A
3/12/2019	NZDHUF	1:30:00 PM	191.65	191.92			N/A
3/12/2019	NZDHUF	3:30:00 PM	191.58	191.86			N/A
3/13/2019	NZDHUF	9:30:00 AM	190.59	190.87			N/A
3/13/2019	NZDHUF	11:30:00 AM	190.35	190.65			N/A
3/13/2019	NZDHUF	1:30:00 PM	190.37	190.65			N/A
3/13/2019	NZDHUF	3:30:00 PM	189.94	190.24			N/A
3/14/2019	NZDHUF	9:30:00 AM	189.82	190.02			N/A
3/14/2019	NZDHUF	11:30:00 AM					N/A
3/14/2019	NZDHUF	1:30:00 PM	189.46	189.7			N/A
3/14/2019	NZDHUF	3:30:00 PM	189.39	189.65			N/A
3/15/2019	NZDHUF	9:30:00 AM	190	190.28			N/A
3/15/2019	NZDHUF	11:30:00 AM	190.01	190.29			N/A
3/15/2019	NZDHUF	1:30:00 PM	189.78	190.06			N/A

3/15/2019	NZDHUF	3:30:00 PM	189.89	190.16			N/A
3/18/2019	NZDHUF	9:30:00 AM	190.2	190.47			N/A
3/18/2019	NZDHUF	11:30:00 AM					N/A
3/18/2019	NZDHUF	1:30:00 PM	189.89	190.18			N/A
3/18/2019	NZDHUF	3:30:00 PM	189.85	190.14			N/A
3/19/2019	NZDHUF	9:30:00 AM	189.37	189.64			N/A
3/19/2019	NZDHUF	11:30:00 AM	189.26	189.55			N/A
3/19/2019	NZDHUF	1:30:00 PM	189.12	189.41			N/A
3/19/2019	NZDHUF	3:30:00 PM	189.25	189.5			N/A
3/20/2019	NZDHUF	9:30:00 AM	188.36	188.65			N/A
3/20/2019	NZDHUF	11:30:00 AM					N/A
3/20/2019	NZDHUF	1:30:00 PM	188.47	188.76			N/A
3/20/2019	NZDHUF	3:30:00 PM	188.84	189.12			N/A
3/21/2019	NZDHUF	9:30:00 AM	190.07	190.32			N/A
3/21/2019	NZDHUF	11:30:00 AM	190.48	190.71			N/A
3/21/2019	NZDHUF	1:30:00 PM	190.22	190.49			N/A
3/21/2019	NZDHUF	3:30:00 PM	190.09	190.37			N/A
3/22/2019	NZDHUF	9:30:00 AM	190.16	190.44			N/A
3/22/2019	NZDHUF	11:30:00 AM					N/A
3/22/2019	NZDHUF	1:30:00 PM	191.62	191.9			N/A
3/22/2019	NZDHUF	3:30:00 PM	192.34	192.6			N/A
3/25/2019	NZDHUF	9:30:00 AM	192.38	192.65			N/A
3/25/2019	NZDHUF	11:30:00 AM	192.19	192.45			N/A
3/25/2019	NZDHUF	1:30:00 PM	192.63	192.88			N/A
3/25/2019	NZDHUF	3:30:00 PM	192.92	193.16			N/A
3/26/2019	NZDHUF	9:30:00 AM	192.62	192.9			N/A
3/26/2019	NZDHUF	11:30:00 AM					N/A
3/26/2019	NZDHUF	1:30:00 PM	192.45	192.71			N/A
3/26/2019	NZDHUF	3:30:00 PM	193.1	193.28			N/A
3/27/2019	NZDHUF	9:30:00 AM	192.91	193.17			N/A
3/27/2019	NZDHUF	11:30:00 AM	192.89	193.18			N/A
3/27/2019	NZDHUF	1:30:00 PM	193.1	193.35			N/A
3/27/2019	NZDHUF	3:30:00 PM	193.04	193.25			N/A
3/28/2019	NZDHUF	9:30:00 AM	193.68	193.97			N/A
3/28/2019	NZDHUF	11:30:00 AM					N/A
3/28/2019	NZDHUF	1:30:00 PM	193.91	194.1			N/A
3/28/2019	NZDHUF	3:30:00 PM	193.44	193.64			N/A
3/29/2019	NZDHUF	9:30:00 AM	193.59	193.77			N/A
3/29/2019	NZDHUF	11:30:00 AM	193.88	194.04			N/A
3/29/2019	NZDHUF	1:30:00 PM	194.08	194.35			N/A
3/29/2019	NZDHUF	3:30:00 PM	194.28	194.57			N/A
1/1/2019	NZDJPY	9:30:00 AM					N/A
1/1/2019	NZDJPY	11:30:00 AM					N/A
1/1/2019	NZDJPY	1:30:00 PM					N/A
1/1/2019	NZDJPY	3:30:00 PM					N/A
1/2/2019	NZDJPY	9:30:00 AM					N/A
1/2/2019	NZDJPY	11:30:00 AM					N/A
1/2/2019	NZDJPY	1:30:00 PM					N/A
1/2/2019	NZDJPY	3:30:00 PM					N/A
1/3/2019	NZDJPY	9:30:00 AM					N/A

1/3/2019	NZDJPY	11:30:00 AM					N/A
1/3/2019	NZDJPY	1:30:00 PM					N/A
1/3/2019	NZDJPY	3:30:00 PM					N/A
1/4/2019	NZDJPY	9:30:00 AM					N/A
1/4/2019	NZDJPY	11:30:00 AM					N/A
1/4/2019	NZDJPY	1:30:00 PM					N/A
1/4/2019	NZDJPY	3:30:00 PM					N/A
1/7/2019	NZDJPY	9:30:00 AM	72.991	73.042			N/A
1/7/2019	NZDJPY	11:30:00 AM					N/A
1/7/2019	NZDJPY	1:30:00 PM	73.171	73.239			N/A
1/7/2019	NZDJPY	3:30:00 PM	73.231	73.297			N/A
1/8/2019	NZDJPY	9:30:00 AM	73.448	73.467			N/A
1/8/2019	NZDJPY	11:30:00 AM	73.355	73.415			N/A
1/8/2019	NZDJPY	1:30:00 PM	73.19	73.232			N/A
1/8/2019	NZDJPY	3:30:00 PM	73.076	73.135			N/A
1/9/2019	NZDJPY	9:30:00 AM	73.601	73.666			N/A
1/9/2019	NZDJPY	11:30:00 AM					N/A
1/9/2019	NZDJPY	1:30:00 PM	73.739	73.778			N/A
1/9/2019	NZDJPY	3:30:00 PM	73.744	73.81			N/A
1/10/2019	NZDJPY	9:30:00 AM	73.196	73.24			N/A
1/10/2019	NZDJPY	11:30:00 AM	73.271	73.332			N/A
1/10/2019	NZDJPY	1:30:00 PM	73.227	73.286			N/A
1/10/2019	NZDJPY	3:30:00 PM	73.384	73.441			N/A
1/11/2019	NZDJPY	9:30:00 AM	73.953	74.02			N/A
1/11/2019	NZDJPY	11:30:00 AM					N/A
1/11/2019	NZDJPY	1:30:00 PM	74.007	74.054			N/A
1/11/2019	NZDJPY	3:30:00 PM	74.013	74.047			N/A
1/14/2019	NZDJPY	9:30:00 AM	73.517	73.585			N/A
1/14/2019	NZDJPY	11:30:00 AM	73.606	73.671			N/A
1/14/2019	NZDJPY	1:30:00 PM	73.617	73.676			N/A
1/14/2019	NZDJPY	3:30:00 PM	73.692	73.752			N/A
1/15/2019	NZDJPY	9:30:00 AM	74.307	74.359			N/A
1/15/2019	NZDJPY	11:30:00 AM					N/A
1/15/2019	NZDJPY	1:30:00 PM	74.012	74.074			N/A
1/15/2019	NZDJPY	3:30:00 PM	73.942	73.987			N/A
1/16/2019	NZDJPY	9:30:00 AM	74.065	74.131			N/A
1/16/2019	NZDJPY	11:30:00 AM	73.843	73.91			N/A
1/16/2019	NZDJPY	1:30:00 PM	73.538	73.586			N/A
1/16/2019	NZDJPY	3:30:00 PM	73.621	73.677			N/A
1/17/2019	NZDJPY	9:30:00 AM	73.293	73.337			N/A
1/17/2019	NZDJPY	11:30:00 AM					N/A
1/17/2019	NZDJPY	1:30:00 PM	73.263	73.324			N/A
1/17/2019	NZDJPY	3:30:00 PM	73.326	73.341			N/A
1/18/2019	NZDJPY	9:30:00 AM	74.017	74.081			N/A
1/18/2019	NZDJPY	11:30:00 AM	73.971	74.037			N/A
1/18/2019	NZDJPY	1:30:00 PM	74.048	74.113			N/A
1/18/2019	NZDJPY	3:30:00 PM	74.063	74.107			N/A
1/21/2019	NZDJPY	9:30:00 AM	73.708	73.763			N/A
1/21/2019	NZDJPY	11:30:00 AM					N/A
1/21/2019	NZDJPY	1:30:00 PM	73.699	73.768			N/A

1/21/2019	NZDJPY	3:30:00 PM	73.672	73.741			N/A
1/22/2019	NZDJPY	9:30:00 AM	73.449	73.491			N/A
1/22/2019	NZDJPY	11:30:00 AM	73.422	73.494			N/A
1/22/2019	NZDJPY	1:30:00 PM	73.381	73.442			N/A
1/22/2019	NZDJPY	3:30:00 PM	73.505	73.569			N/A
1/23/2019	NZDJPY	9:30:00 AM	74.331	74.392			N/A
1/23/2019	NZDJPY	11:30:00 AM					N/A
1/23/2019	NZDJPY	1:30:00 PM	74.455	74.522			N/A
1/23/2019	NZDJPY	3:30:00 PM	74.416	74.474			N/A
1/24/2019	NZDJPY	9:30:00 AM	74.259	74.324			N/A
1/24/2019	NZDJPY	11:30:00 AM	74.232	74.29			N/A
1/24/2019	NZDJPY	1:30:00 PM	74.241	74.308			N/A
1/24/2019	NZDJPY	3:30:00 PM	74.322	74.392			N/A
1/25/2019	NZDJPY	9:30:00 AM	74.372	74.41			N/A
1/25/2019	NZDJPY	11:30:00 AM					N/A
1/25/2019	NZDJPY	1:30:00 PM	74.34	74.41			N/A
1/25/2019	NZDJPY	3:30:00 PM	74.606	74.675			N/A
1/28/2019	NZDJPY	9:30:00 AM	74.961	75.017			N/A
1/28/2019	NZDJPY	11:30:00 AM	74.859	74.915			N/A
1/28/2019	NZDJPY	1:30:00 PM	74.907	74.977			N/A
1/28/2019	NZDJPY	3:30:00 PM	74.818	74.889			N/A
1/29/2019	NZDJPY	9:30:00 AM	74.826	74.877			N/A
1/29/2019	NZDJPY	11:30:00 AM					N/A
1/29/2019	NZDJPY	1:30:00 PM	74.849	74.918			N/A
1/29/2019	NZDJPY	3:30:00 PM	74.879	74.948			N/A
1/30/2019	NZDJPY	9:30:00 AM	74.807	74.875			N/A
1/30/2019	NZDJPY	11:30:00 AM	74.748	74.822			N/A
1/30/2019	NZDJPY	1:30:00 PM	74.812	74.879			N/A
1/30/2019	NZDJPY	3:30:00 PM	74.75	74.816			N/A
1/31/2019	NZDJPY	9:30:00 AM	75.175	75.221			N/A
1/31/2019	NZDJPY	11:30:00 AM					N/A
1/31/2019	NZDJPY	1:30:00 PM	75.067	75.139		500	N/A
1/31/2019	NZDJPY	3:30:00 PM	75.166	75.208			N/A
2/1/2019	NZDJPY	9:30:00 AM	75.206	75.279			N/A
2/1/2019	NZDJPY	11:30:00 AM	75.303	75.362			N/A
2/1/2019	NZDJPY	1:30:00 PM	75.349	75.423			N/A
2/1/2019	NZDJPY	3:30:00 PM	75.483	75.457			N/A
2/4/2019	NZDJPY	9:30:00 AM	75.666	75.731			N/A
2/4/2019	NZDJPY	11:30:00 AM					N/A
2/4/2019	NZDJPY	1:30:00 PM	75.634	75.693			N/A
2/4/2019	NZDJPY	3:30:00 PM	75.617	75.674			N/A
2/5/2019	NZDJPY	9:30:00 AM	75.772	75.831			N/A
2/5/2019	NZDJPY	11:30:00 AM	75.717	75.784			N/A
2/5/2019	NZDJPY	1:30:00 PM	75.773	75.826			N/A
2/5/2019	NZDJPY	3:30:00 PM	75.81	75.871			N/A
2/6/2019	NZDJPY	9:30:00 AM	75.202	75.263			N/A
2/6/2019	NZDJPY	11:30:00 AM					N/A
2/6/2019	NZDJPY	1:30:00 PM	75.148	75.218			N/A
2/6/2019	NZDJPY	3:30:00 PM	75.23	75.286			N/A
2/7/2019	NZDJPY	9:30:00 AM	74.192	74.26			N/A

2/7/2019	NZDJPY	11:30:00 AM	74.25	74.318			N/A
2/7/2019	NZDJPY	1:30:00 PM	74.137	74.197			N/A
2/7/2019	NZDJPY	3:30:00 PM	74.098	74.162			N/A
2/8/2019	NZDJPY	9:30:00 AM	74.128	74.17			N/A
2/8/2019	NZDJPY	11:30:00 AM					N/A
2/8/2019	NZDJPY	1:30:00 PM	74.095	74.165			N/A
2/8/2019	NZDJPY	3:30:00 PM	74.15	74.189			N/A
2/11/2019	NZDJPY	9:30:00 AM	74.37	74.44			N/A
2/11/2019	NZDJPY	11:30:00 AM	74.365	74.414			N/A
2/11/2019	NZDJPY	1:30:00 PM	74.331	74.399			N/A
2/11/2019	NZDJPY	3:30:00 PM	74.345	74.405			N/A
2/12/2019	NZDJPY	9:30:00 AM	74.403	74.469			N/A
2/12/2019	NZDJPY	11:30:00 AM					N/A
2/12/2019	NZDJPY	1:30:00 PM	74.378	74.447			N/A
2/12/2019	NZDJPY	3:30:00 PM	74.36	74.421			N/A
2/13/2019	NZDJPY	9:30:00 AM	75.637	75.697			N/A
2/13/2019	NZDJPY	11:30:00 AM	75.509	75.571			N/A
2/13/2019	NZDJPY	1:30:00 PM	75.396	75.471			N/A
2/13/2019	NZDJPY	3:30:00 PM	75.437	75.433			N/A
2/14/2019	NZDJPY	9:30:00 AM	75.968	76.033			N/A
2/14/2019	NZDJPY	11:30:00 AM					N/A
2/14/2019	NZDJPY	1:30:00 PM	75.84	75.904			N/A
2/14/2019	NZDJPY	3:30:00 PM	75.882	75.918			N/A
2/15/2019	NZDJPY	9:30:00 AM					N/A
2/15/2019	NZDJPY	11:30:00 AM					N/A
2/15/2019	NZDJPY	1:30:00 PM					N/A
2/15/2019	NZDJPY	3:30:00 PM					N/A
2/18/2019	NZDJPY	9:30:00 AM	75.96	76.025			N/A
2/18/2019	NZDJPY	11:30:00 AM					N/A
2/18/2019	NZDJPY	1:30:00 PM	75.923	75.991			N/A
2/18/2019	NZDJPY	3:30:00 PM	76.015	76.083			N/A
2/19/2019	NZDJPY	9:30:00 AM	75.661	75.729			N/A
2/19/2019	NZDJPY	11:30:00 AM	75.583	75.649			N/A
2/19/2019	NZDJPY	1:30:00 PM	75.508	75.582			N/A
2/19/2019	NZDJPY	3:30:00 PM	75.57	75.636			N/A
2/20/2019	NZDJPY	9:30:00 AM	76.094	76.159			N/A
2/20/2019	NZDJPY	11:30:00 AM					N/A
2/20/2019	NZDJPY	1:30:00 PM	75.997	76.064			N/A
2/20/2019	NZDJPY	3:30:00 PM	76.025	76.085			N/A
2/21/2019	NZDJPY	9:30:00 AM	75.594	75.593			N/A
2/21/2019	NZDJPY	11:30:00 AM	75.434	75.494			N/A
2/21/2019	NZDJPY	1:30:00 PM	75.462	75.526			N/A
2/21/2019	NZDJPY	3:30:00 PM	75.488	75.503			N/A
2/22/2019	NZDJPY	9:30:00 AM	75.225	75.274			N/A
2/22/2019	NZDJPY	11:30:00 AM					N/A
2/22/2019	NZDJPY	1:30:00 PM	75.433	75.499			N/A
2/22/2019	NZDJPY	3:30:00 PM	75.501	75.569			N/A
2/25/2019	NZDJPY	9:30:00 AM	75.96	76.017			N/A
2/25/2019	NZDJPY	11:30:00 AM	76.107	76.178			N/A
2/25/2019	NZDJPY	1:30:00 PM	76.349	76.409			N/A

2/25/2019	NZDJPY	3:30:00 PM	76.318	76.37			N/A
2/26/2019	NZDJPY	9:30:00 AM	76.241	76.294			N/A
2/26/2019	NZDJPY	11:30:00 AM					N/A
2/26/2019	NZDJPY	1:30:00 PM	76.185	76.258			N/A
2/26/2019	NZDJPY	3:30:00 PM	76.201	76.247			N/A
2/27/2019	NZDJPY	9:30:00 AM	76.052	76.117			N/A
2/27/2019	NZDJPY	11:30:00 AM	75.899	75.963			N/A
2/27/2019	NZDJPY	1:30:00 PM	75.835	75.898			N/A
2/27/2019	NZDJPY	3:30:00 PM	75.916	75.976			N/A
2/28/2019	NZDJPY	9:30:00 AM	75.794	75.846			N/A
2/28/2019	NZDJPY	11:30:00 AM					N/A
2/28/2019	NZDJPY	1:30:00 PM	75.712	75.775			N/A
2/28/2019	NZDJPY	3:30:00 PM	75.793	75.799			N/A
3/1/2019	NZDJPY	9:30:00 AM	76.214	76.285			N/A
3/1/2019	NZDJPY	11:30:00 AM	76.281	76.349			N/A
3/1/2019	NZDJPY	1:30:00 PM	76.343	76.41			N/A
3/1/2019	NZDJPY	3:30:00 PM	76.386	76.437			N/A
3/4/2019	NZDJPY	9:30:00 AM	76.203	76.271			N/A
3/4/2019	NZDJPY	11:30:00 AM					N/A
3/4/2019	NZDJPY	1:30:00 PM	76.095	76.153			N/A
3/4/2019	NZDJPY	3:30:00 PM	76.144	76.214			N/A
3/5/2019	NZDJPY	9:30:00 AM	75.967	76.039			N/A
3/5/2019	NZDJPY	11:30:00 AM	76.083	76.153			N/A
3/5/2019	NZDJPY	1:30:00 PM	76.007	76.076			N/A
3/5/2019	NZDJPY	3:30:00 PM	75.955	76.018			N/A
3/6/2019	NZDJPY	9:30:00 AM	75.7	75.766			N/A
3/6/2019	NZDJPY	11:30:00 AM					N/A
3/6/2019	NZDJPY	1:30:00 PM	75.784	75.853			N/A
3/6/2019	NZDJPY	3:30:00 PM	75.713	75.758			N/A
3/7/2019	NZDJPY	9:30:00 AM	75.763	75.828			N/A
3/7/2019	NZDJPY	11:30:00 AM	75.722	75.793			N/A
3/7/2019	NZDJPY	1:30:00 PM	75.794	75.852			N/A
3/7/2019	NZDJPY	3:30:00 PM	75.714	75.769			N/A
3/8/2019	NZDJPY	9:30:00 AM	75.029	75.093			N/A
3/8/2019	NZDJPY	11:30:00 AM					N/A
3/8/2019	NZDJPY	1:30:00 PM	75.444	75.511			N/A
3/8/2019	NZDJPY	3:30:00 PM	75.48	75.417			N/A
3/11/2019	NZDJPY	9:30:00 AM	75.663	75.732			N/A
3/11/2019	NZDJPY	11:30:00 AM	75.765	75.834			N/A
3/11/2019	NZDJPY	1:30:00 PM	75.67	75.743			N/A
3/11/2019	NZDJPY	3:30:00 PM	75.758	75.798			N/A
3/12/2019	NZDJPY	9:30:00 AM	76.156	76.224			N/A
3/12/2019	NZDJPY	11:30:00 AM					N/A
3/12/2019	NZDJPY	1:30:00 PM	76.036	76.099			N/A
3/12/2019	NZDJPY	3:30:00 PM	76.225	76.279			N/A
3/13/2019	NZDJPY	9:30:00 AM	76.017	76.091			N/A
3/13/2019	NZDJPY	11:30:00 AM	76.147	76.218			N/A
3/13/2019	NZDJPY	1:30:00 PM	76.126	76.192			N/A
3/13/2019	NZDJPY	3:30:00 PM	76.053	76.114			N/A
3/14/2019	NZDJPY	9:30:00 AM	76.294	76.355			N/A

3/14/2019	NZDJPY	11:30:00 AM					N/A
3/14/2019	NZDJPY	1:30:00 PM	76.059	76.122			N/A
3/14/2019	NZDJPY	3:30:00 PM	76.04	76.092			N/A
3/15/2019	NZDJPY	9:30:00 AM	76.46	76.521			N/A
3/15/2019	NZDJPY	11:30:00 AM	76.454	76.523			N/A
3/15/2019	NZDJPY	1:30:00 PM	76.414	76.486			N/A
3/15/2019	NZDJPY	3:30:00 PM	76.312	76.36			N/A
3/18/2019	NZDJPY	9:30:00 AM	76.593	76.655			N/A
3/18/2019	NZDJPY	11:30:00 AM					N/A
3/18/2019	NZDJPY	1:30:00 PM	76.543	76.613			N/A
3/18/2019	NZDJPY	3:30:00 PM	76.482	76.539			N/A
3/19/2019	NZDJPY	9:30:00 AM	76.237	76.302			N/A
3/19/2019	NZDJPY	11:30:00 AM	76.298	76.368			N/A
3/19/2019	NZDJPY	1:30:00 PM	76.314	76.382			N/A
3/19/2019	NZDJPY	3:30:00 PM	76.502	76.555			N/A
3/20/2019	NZDJPY	9:30:00 AM	76.291	76.359			N/A
3/20/2019	NZDJPY	11:30:00 AM					N/A
3/20/2019	NZDJPY	1:30:00 PM	76.318	76.382			N/A
3/20/2019	NZDJPY	3:30:00 PM	76.35	76.415			N/A
3/21/2019	NZDJPY	9:30:00 AM	76.462	76.521			N/A
3/21/2019	NZDJPY	11:30:00 AM	76.322	76.372			N/A
3/21/2019	NZDJPY	1:30:00 PM	76.219	76.289			N/A
3/21/2019	NZDJPY	3:30:00 PM	76.237	76.274			N/A
3/22/2019	NZDJPY	9:30:00 AM	76.332	76.398			N/A
3/22/2019	NZDJPY	11:30:00 AM					N/A
3/22/2019	NZDJPY	1:30:00 PM	75.835	75.9			N/A
3/22/2019	NZDJPY	3:30:00 PM	75.842	75.885			N/A
3/25/2019	NZDJPY	9:30:00 AM	75.682	75.733			N/A
3/25/2019	NZDJPY	11:30:00 AM	75.772	75.838			N/A
3/25/2019	NZDJPY	1:30:00 PM	75.734	75.797			N/A
3/25/2019	NZDJPY	3:30:00 PM	75.861	75.918			N/A
3/26/2019	NZDJPY	9:30:00 AM	75.98	76.049			N/A
3/26/2019	NZDJPY	11:30:00 AM					N/A
3/26/2019	NZDJPY	1:30:00 PM	76.172	76.242			N/A
3/26/2019	NZDJPY	3:30:00 PM	76.285	76.339			N/A
3/27/2019	NZDJPY	9:30:00 AM	75.233	75.296			N/A
3/27/2019	NZDJPY	11:30:00 AM	75.31	75.381			N/A
3/27/2019	NZDJPY	1:30:00 PM	75.055	75.126			N/A
3/27/2019	NZDJPY	3:30:00 PM	75.172	75.178			N/A
3/28/2019	NZDJPY	9:30:00 AM	75.171	75.242			N/A
3/28/2019	NZDJPY	11:30:00 AM					N/A
3/28/2019	NZDJPY	1:30:00 PM	75.014	75.078			N/A
3/28/2019	NZDJPY	3:30:00 PM	75.183	75.229			N/A
3/29/2019	NZDJPY	9:30:00 AM	75.172	75.24			N/A
3/29/2019	NZDJPY	11:30:00 AM	75.244	75.309			N/A
3/29/2019	NZDJPY	1:30:00 PM	75.279	75.347			N/A
3/29/2019	NZDJPY	3:30:00 PM	75.404	75.445			N/A
1/1/2019	NZDMXN	9:30:00 AM					N/A
1/1/2019	NZDMXN	11:30:00 AM					N/A
1/1/2019	NZDMXN	1:30:00 PM					N/A

1/1/2019	NZDMXN	3:30:00 PM					N/A
1/2/2019	NZDMXN	9:30:00 AM					N/A
1/2/2019	NZDMXN	11:30:00 AM					N/A
1/2/2019	NZDMXN	1:30:00 PM					N/A
1/2/2019	NZDMXN	3:30:00 PM					N/A
1/3/2019	NZDMXN	9:30:00 AM					N/A
1/3/2019	NZDMXN	11:30:00 AM					N/A
1/3/2019	NZDMXN	1:30:00 PM					N/A
1/3/2019	NZDMXN	3:30:00 PM					N/A
1/4/2019	NZDMXN	9:30:00 AM					N/A
1/4/2019	NZDMXN	11:30:00 AM					N/A
1/4/2019	NZDMXN	1:30:00 PM					N/A
1/4/2019	NZDMXN	3:30:00 PM					N/A
1/7/2019	NZDMXN	9:30:00 AM	13.0961	13.0949			N/A
1/7/2019	NZDMXN	11:30:00 AM					N/A
1/7/2019	NZDMXN	1:30:00 PM	13.1392	13.1402			N/A
1/7/2019	NZDMXN	3:30:00 PM	13.0665	13.0704			N/A
1/8/2019	NZDMXN	9:30:00 AM	13.0856	13.0817			N/A
1/8/2019	NZDMXN	11:30:00 AM	13.025	13.0307			N/A
1/8/2019	NZDMXN	1:30:00 PM	13.0588	13.0629			N/A
1/8/2019	NZDMXN	3:30:00 PM	13.0074	13.0053			N/A
1/9/2019	NZDMXN	9:30:00 AM	13.0373	13.0408			N/A
1/9/2019	NZDMXN	11:30:00 AM					N/A
1/9/2019	NZDMXN	1:30:00 PM	13.1167	13.1191			N/A
1/9/2019	NZDMXN	3:30:00 PM	13.0757	13.0788			N/A
1/10/2019	NZDMXN	9:30:00 AM	13.0491	13.0516			N/A
1/10/2019	NZDMXN	11:30:00 AM	13.053	13.0569			N/A
1/10/2019	NZDMXN	1:30:00 PM	13.0388	13.0405			N/A
1/10/2019	NZDMXN	3:30:00 PM	13.012	13.0124			N/A
1/11/2019	NZDMXN	9:30:00 AM	13.0286	13.0337			N/A
1/11/2019	NZDMXN	11:30:00 AM					N/A
1/11/2019	NZDMXN	1:30:00 PM	13.0404	13.0454			N/A
1/11/2019	NZDMXN	3:30:00 PM	13.0612	13.0614			N/A
1/14/2019	NZDMXN	9:30:00 AM	13.042	13.0444			N/A
1/14/2019	NZDMXN	11:30:00 AM	13.038	13.0411			N/A
1/14/2019	NZDMXN	1:30:00 PM	13.0632	13.0667			N/A
1/14/2019	NZDMXN	3:30:00 PM	13.0487	13.0531			N/A
1/15/2019	NZDMXN	9:30:00 AM	12.9755	12.9807			N/A
1/15/2019	NZDMXN	11:30:00 AM					N/A
1/15/2019	NZDMXN	1:30:00 PM	12.9462	12.9498			N/A
1/15/2019	NZDMXN	3:30:00 PM	12.9485	12.9513			N/A
1/16/2019	NZDMXN	9:30:00 AM	12.9378	12.94			N/A
1/16/2019	NZDMXN	11:30:00 AM	12.9213	12.9265			N/A
1/16/2019	NZDMXN	1:30:00 PM	12.852	12.8551			N/A
1/16/2019	NZDMXN	3:30:00 PM	12.8642	12.8671			N/A
1/17/2019	NZDMXN	9:30:00 AM	12.7525	12.758			N/A
1/17/2019	NZDMXN	11:30:00 AM					N/A
1/17/2019	NZDMXN	1:30:00 PM	12.7455	12.7447			N/A
1/17/2019	NZDMXN	3:30:00 PM	12.8089	12.8143			N/A
1/18/2019	NZDMXN	9:30:00 AM	12.8481	12.8508			N/A

1/18/2019	NZDMXN	11:30:00 AM	12.8742	12.8761			N/A
1/18/2019	NZDMXN	1:30:00 PM	12.9083	12.9075			N/A
1/18/2019	NZDMXN	3:30:00 PM	12.8685	12.8704			N/A
1/21/2019	NZDMXN	9:30:00 AM	12.8762	12.8798			N/A
1/21/2019	NZDMXN	11:30:00 AM					N/A
1/21/2019	NZDMXN	1:30:00 PM	12.8805	12.8846			N/A
1/21/2019	NZDMXN	3:30:00 PM	12.8693	12.8731			N/A
1/22/2019	NZDMXN	9:30:00 AM	12.9025	12.907			N/A
1/22/2019	NZDMXN	11:30:00 AM	12.8991	12.9021			N/A
1/22/2019	NZDMXN	1:30:00 PM	12.894	12.8962			N/A
1/22/2019	NZDMXN	3:30:00 PM	12.8734	12.8725			N/A
1/23/2019	NZDMXN	9:30:00 AM	12.9746	12.9808			N/A
1/23/2019	NZDMXN	11:30:00 AM					N/A
1/23/2019	NZDMXN	1:30:00 PM	12.9747	12.9809			N/A
1/23/2019	NZDMXN	3:30:00 PM	12.9744	12.9766			N/A
1/24/2019	NZDMXN	9:30:00 AM	12.911	12.917			N/A
1/24/2019	NZDMXN	11:30:00 AM	12.9064	12.9096			N/A
1/24/2019	NZDMXN	1:30:00 PM	12.8843	12.8897			N/A
1/24/2019	NZDMXN	3:30:00 PM	12.908	12.913			N/A
1/25/2019	NZDMXN	9:30:00 AM	12.8511	12.8526			N/A
1/25/2019	NZDMXN	11:30:00 AM					N/A
1/25/2019	NZDMXN	1:30:00 PM	12.8431	12.8478			N/A
1/25/2019	NZDMXN	3:30:00 PM	12.8411	12.8472			N/A
1/28/2019	NZDMXN	9:30:00 AM	13.0299	13.0325			N/A
1/28/2019	NZDMXN	11:30:00 AM	13.0375	13.0403			N/A
1/28/2019	NZDMXN	1:30:00 PM	13.0297	13.0335			N/A
1/28/2019	NZDMXN	3:30:00 PM	13.0131	13.0139			N/A
1/29/2019	NZDMXN	9:30:00 AM	13.03	13.035			N/A
1/29/2019	NZDMXN	11:30:00 AM					N/A
1/29/2019	NZDMXN	1:30:00 PM	13.0134	13.0123			N/A
1/29/2019	NZDMXN	3:30:00 PM	12.9934	12.992			N/A
1/30/2019	NZDMXN	9:30:00 AM	13.0819	13.0865			N/A
1/30/2019	NZDMXN	11:30:00 AM	13.0427	13.0431			N/A
1/30/2019	NZDMXN	1:30:00 PM	13.0791	13.0839			N/A
1/30/2019	NZDMXN	3:30:00 PM	13.0539	13.0577			N/A
1/31/2019	NZDMXN	9:30:00 AM	13.2106	13.2083			N/A
1/31/2019	NZDMXN	11:30:00 AM					N/A
1/31/2019	NZDMXN	1:30:00 PM	13.2269	13.2297			N/A
1/31/2019	NZDMXN	3:30:00 PM	13.1712	13.1714			N/A
2/1/2019	NZDMXN	9:30:00 AM	13.2395	13.2457			N/A
2/1/2019	NZDMXN	11:30:00 AM	13.2104	13.2141			N/A
2/1/2019	NZDMXN	1:30:00 PM	13.221	13.2231			N/A
2/1/2019	NZDMXN	3:30:00 PM	13.2389	13.2353			N/A
2/4/2019	NZDMXN	9:30:00 AM	13.1822	13.185			N/A
2/4/2019	NZDMXN	11:30:00 AM					N/A
2/4/2019	NZDMXN	1:30:00 PM	13.1837	13.1851			N/A
2/4/2019	NZDMXN	3:30:00 PM	13.1846	13.1898			N/A
2/5/2019	NZDMXN	9:30:00 AM	13.1423	13.1455			N/A
2/5/2019	NZDMXN	11:30:00 AM	13.1057	13.1059			N/A
2/5/2019	NZDMXN	1:30:00 PM	13.1268	13.1283			N/A

2/5/2019	NZDMXN	3:30:00 PM	13.1377	13.141			N/A
2/6/2019	NZDMXN	9:30:00 AM	13.086	13.0909			N/A
2/6/2019	NZDMXN	11:30:00 AM					N/A
2/6/2019	NZDMXN	1:30:00 PM	13.0829	13.0876			N/A
2/6/2019	NZDMXN	3:30:00 PM	13.1126	13.1173			N/A
2/7/2019	NZDMXN	9:30:00 AM	12.9123	12.9172			N/A
2/7/2019	NZDMXN	11:30:00 AM	12.9195	12.9226			N/A
2/7/2019	NZDMXN	1:30:00 PM	12.9425	12.945			N/A
2/7/2019	NZDMXN	3:30:00 PM	12.9263	12.9304			N/A
2/8/2019	NZDMXN	9:30:00 AM	12.9019	12.9068			N/A
2/8/2019	NZDMXN	11:30:00 AM					N/A
2/8/2019	NZDMXN	1:30:00 PM	12.8619	12.8687			N/A
2/8/2019	NZDMXN	3:30:00 PM	12.86	12.857			N/A
2/11/2019	NZDMXN	9:30:00 AM	12.911	12.9179			N/A
2/11/2019	NZDMXN	11:30:00 AM	12.9019	12.9072			N/A
2/11/2019	NZDMXN	1:30:00 PM	12.8933	12.8987			N/A
2/11/2019	NZDMXN	3:30:00 PM	12.8729	12.8741			N/A
2/12/2019	NZDMXN	9:30:00 AM	12.975	12.9797			N/A
2/12/2019	NZDMXN	11:30:00 AM					N/A
2/12/2019	NZDMXN	1:30:00 PM	12.9575	12.9643			N/A
2/12/2019	NZDMXN	3:30:00 PM	12.9514	12.9548			N/A
2/13/2019	NZDMXN	9:30:00 AM	13.1415	13.1471			N/A
2/13/2019	NZDMXN	11:30:00 AM	13.1295	13.1342			N/A
2/13/2019	NZDMXN	1:30:00 PM	13.1556	13.1589			N/A
2/13/2019	NZDMXN	3:30:00 PM	13.1812	13.1851			N/A
2/14/2019	NZDMXN	9:30:00 AM	13.2506	13.2515			N/A
2/14/2019	NZDMXN	11:30:00 AM					N/A
2/14/2019	NZDMXN	1:30:00 PM	13.2647	13.2686			N/A
2/14/2019	NZDMXN	3:30:00 PM	13.2684	13.2715			N/A
2/15/2019	NZDMXN	9:30:00 AM					N/A
2/15/2019	NZDMXN	11:30:00 AM					N/A
2/15/2019	NZDMXN	1:30:00 PM					N/A
2/15/2019	NZDMXN	3:30:00 PM					N/A
2/18/2019	NZDMXN	9:30:00 AM	13.2161	13.2198			N/A
2/18/2019	NZDMXN	11:30:00 AM					N/A
2/18/2019	NZDMXN	1:30:00 PM	13.2005	13.2036			N/A
2/18/2019	NZDMXN	3:30:00 PM	13.2492	13.255			N/A
2/19/2019	NZDMXN	9:30:00 AM	13.1653	13.1714			N/A
2/19/2019	NZDMXN	11:30:00 AM	13.164	13.1667			N/A
2/19/2019	NZDMXN	1:30:00 PM	13.1326	13.1339			N/A
2/19/2019	NZDMXN	3:30:00 PM	13.1042	13.1104			N/A
2/20/2019	NZDMXN	9:30:00 AM	13.143	13.146			N/A
2/20/2019	NZDMXN	11:30:00 AM					N/A
2/20/2019	NZDMXN	1:30:00 PM	13.1522	13.1575			N/A
2/20/2019	NZDMXN	3:30:00 PM	13.1621	13.1611			N/A
2/21/2019	NZDMXN	9:30:00 AM	13.1453	13.1421			N/A
2/21/2019	NZDMXN	11:30:00 AM	13.1054	13.111			N/A
2/21/2019	NZDMXN	1:30:00 PM	13.0786	13.0808			N/A
2/21/2019	NZDMXN	3:30:00 PM	13.1094	13.1135			N/A
2/22/2019	NZDMXN	9:30:00 AM	13.0813	13.0843			N/A

2/22/2019	NZDMXN	11:30:00 AM					N/A
2/22/2019	NZDMXN	1:30:00 PM	13.0947	13.0997			N/A
2/22/2019	NZDMXN	3:30:00 PM	13.0926	13.0938			N/A
2/25/2019	NZDMXN	9:30:00 AM	13.1149	13.1213			N/A
2/25/2019	NZDMXN	11:30:00 AM	13.1335	13.1388			N/A
2/25/2019	NZDMXN	1:30:00 PM	13.1328	13.1365			N/A
2/25/2019	NZDMXN	3:30:00 PM	13.1421	13.1457			N/A
2/26/2019	NZDMXN	9:30:00 AM	13.1871	13.1922			N/A
2/26/2019	NZDMXN	11:30:00 AM					N/A
2/26/2019	NZDMXN	1:30:00 PM	13.1443	13.1511			N/A
2/26/2019	NZDMXN	3:30:00 PM	13.1414	13.1453			N/A
2/27/2019	NZDMXN	9:30:00 AM	13.2196	13.2248			N/A
2/27/2019	NZDMXN	11:30:00 AM	13.1708	13.1748			N/A
2/27/2019	NZDMXN	1:30:00 PM	13.1624	13.1679			N/A
2/27/2019	NZDMXN	3:30:00 PM	13.144	13.1453			N/A
2/28/2019	NZDMXN	9:30:00 AM	13.1254	13.1299			N/A
2/28/2019	NZDMXN	11:30:00 AM					N/A
2/28/2019	NZDMXN	1:30:00 PM	13.104	13.108			N/A
2/28/2019	NZDMXN	3:30:00 PM	13.1108	13.1087			N/A
3/1/2019	NZDMXN	9:30:00 AM	13.1434	13.1483			N/A
3/1/2019	NZDMXN	11:30:00 AM	13.1334	13.1393			N/A
3/1/2019	NZDMXN	1:30:00 PM	13.1419	13.1469			N/A
3/1/2019	NZDMXN	3:30:00 PM	13.1946	13.1954			N/A
3/4/2019	NZDMXN	9:30:00 AM	13.132	13.1378			N/A
3/4/2019	NZDMXN	11:30:00 AM					N/A
3/4/2019	NZDMXN	1:30:00 PM	13.1711	13.1746			N/A
3/4/2019	NZDMXN	3:30:00 PM	13.1586	13.1618			N/A
3/5/2019	NZDMXN	9:30:00 AM	13.1011	13.1035			N/A
3/5/2019	NZDMXN	11:30:00 AM	13.1078	13.1096			N/A
3/5/2019	NZDMXN	1:30:00 PM	13.0771	13.0811			N/A
3/5/2019	NZDMXN	3:30:00 PM	13.0909	13.0936			N/A
3/6/2019	NZDMXN	9:30:00 AM	13.0548	13.0587			N/A
3/6/2019	NZDMXN	11:30:00 AM					N/A
3/6/2019	NZDMXN	1:30:00 PM	13.0496	13.0561			N/A
3/6/2019	NZDMXN	3:30:00 PM	13.0622	13.0665			N/A
3/7/2019	NZDMXN	9:30:00 AM	13.1204	13.1258			N/A
3/7/2019	NZDMXN	11:30:00 AM	13.1257	13.1309			N/A
3/7/2019	NZDMXN	1:30:00 PM	13.1609	13.1656			N/A
3/7/2019	NZDMXN	3:30:00 PM	13.1263	13.1244			N/A
3/8/2019	NZDMXN	9:30:00 AM	13.2412	13.244			N/A
3/8/2019	NZDMXN	11:30:00 AM					N/A
3/8/2019	NZDMXN	1:30:00 PM	13.2688	13.2711			N/A
3/8/2019	NZDMXN	3:30:00 PM	13.2972	13.2992			N/A
3/11/2019	NZDMXN	9:30:00 AM	13.266	13.2699			N/A
3/11/2019	NZDMXN	11:30:00 AM	13.2783	13.2853			N/A
3/11/2019	NZDMXN	1:30:00 PM	13.2596	13.2625			N/A
3/11/2019	NZDMXN	3:30:00 PM	13.2323	13.2355			N/A
3/12/2019	NZDMXN	9:30:00 AM	13.249	13.2514			N/A
3/12/2019	NZDMXN	11:30:00 AM					N/A
3/12/2019	NZDMXN	1:30:00 PM	13.2681	13.2726			N/A

3/12/2019	NZDMXN	3:30:00 PM	13.2378	13.2398			N/A
3/13/2019	NZDMXN	9:30:00 AM	13.215	13.2205			N/A
3/13/2019	NZDMXN	11:30:00 AM	13.2126	13.2171			N/A
3/13/2019	NZDMXN	1:30:00 PM	13.1976	13.1989			N/A
3/13/2019	NZDMXN	3:30:00 PM	13.1744	13.176			N/A
3/14/2019	NZDMXN	9:30:00 AM	13.2033	13.2081			N/A
3/14/2019	NZDMXN	11:30:00 AM					N/A
3/14/2019	NZDMXN	1:30:00 PM	13.1565	13.1551			N/A
3/14/2019	NZDMXN	3:30:00 PM	13.1888	13.1917			N/A
3/15/2019	NZDMXN	9:30:00 AM	13.2142	13.2188			N/A
3/15/2019	NZDMXN	11:30:00 AM	13.1973	13.2033			N/A
3/15/2019	NZDMXN	1:30:00 PM	13.1673	13.1712			N/A
3/15/2019	NZDMXN	3:30:00 PM	13.1429	13.1423			N/A
3/18/2019	NZDMXN	9:30:00 AM	13.1768	13.1836			N/A
3/18/2019	NZDMXN	11:30:00 AM					N/A
3/18/2019	NZDMXN	1:30:00 PM	13.1598	13.1626			N/A
3/18/2019	NZDMXN	3:30:00 PM	13.1344	13.1393			N/A
3/19/2019	NZDMXN	9:30:00 AM	13.0686	13.0751			N/A
3/19/2019	NZDMXN	11:30:00 AM	13.0532	13.0575			N/A
3/19/2019	NZDMXN	1:30:00 PM	13.0485	13.0536			N/A
3/19/2019	NZDMXN	3:30:00 PM	13.0516	13.0549			N/A
3/20/2019	NZDMXN	9:30:00 AM	12.9928	12.9953			N/A
3/20/2019	NZDMXN	11:30:00 AM					N/A
3/20/2019	NZDMXN	1:30:00 PM	12.9975	13.001			N/A
3/20/2019	NZDMXN	3:30:00 PM	12.9703	12.9744			N/A
3/21/2019	NZDMXN	9:30:00 AM	13.007	13.0103			N/A
3/21/2019	NZDMXN	11:30:00 AM	12.9928	12.9991			N/A
3/21/2019	NZDMXN	1:30:00 PM	12.9715	12.9753			N/A
3/21/2019	NZDMXN	3:30:00 PM	12.9649	12.9679			N/A
3/22/2019	NZDMXN	9:30:00 AM	12.9859	12.9925			N/A
3/22/2019	NZDMXN	11:30:00 AM					N/A
3/22/2019	NZDMXN	1:30:00 PM	13.0412	13.0437			N/A
3/22/2019	NZDMXN	3:30:00 PM	13.0543	13.0573			N/A
3/25/2019	NZDMXN	9:30:00 AM	13.1611	13.1646			N/A
3/25/2019	NZDMXN	11:30:00 AM	13.1283	13.1317			N/A
3/25/2019	NZDMXN	1:30:00 PM	13.1504	13.1499			N/A
3/25/2019	NZDMXN	3:30:00 PM	13.1677	13.1689			N/A
3/26/2019	NZDMXN	9:30:00 AM	13.1275	13.1321			N/A
3/26/2019	NZDMXN	11:30:00 AM					N/A
3/26/2019	NZDMXN	1:30:00 PM	13.1136	13.1168			N/A
3/26/2019	NZDMXN	3:30:00 PM	13.1448	13.1455			N/A
3/27/2019	NZDMXN	9:30:00 AM	13.0266	13.0301			N/A
3/27/2019	NZDMXN	11:30:00 AM	13.0478	13.0519			N/A
3/27/2019	NZDMXN	1:30:00 PM	13.122	13.1176			N/A
3/27/2019	NZDMXN	3:30:00 PM	13.0987	13.0997			N/A
3/28/2019	NZDMXN	9:30:00 AM	13.213	13.2191			N/A
3/28/2019	NZDMXN	11:30:00 AM					N/A
3/28/2019	NZDMXN	1:30:00 PM	13.219	13.2207			N/A
3/28/2019	NZDMXN	3:30:00 PM	13.176	13.176			N/A
3/29/2019	NZDMXN	9:30:00 AM	13.1386	13.145			N/A

3/29/2019	NZDMXN	11:30:00 AM	13.1222	13.1244			N/A
3/29/2019	NZDMXN	1:30:00 PM	13.1091	13.1147			N/A
3/29/2019	NZDMXN	3:30:00 PM	13.156	13.1599			N/A
1/1/2019	NZDNOK	9:30:00 AM					N/A
1/1/2019	NZDNOK	11:30:00 AM					N/A
1/1/2019	NZDNOK	1:30:00 PM					N/A
1/1/2019	NZDNOK	3:30:00 PM					N/A
1/2/2019	NZDNOK	9:30:00 AM					N/A
1/2/2019	NZDNOK	11:30:00 AM					N/A
1/2/2019	NZDNOK	1:30:00 PM					N/A
1/2/2019	NZDNOK	3:30:00 PM					N/A
1/3/2019	NZDNOK	9:30:00 AM					N/A
1/3/2019	NZDNOK	11:30:00 AM					N/A
1/3/2019	NZDNOK	1:30:00 PM					N/A
1/3/2019	NZDNOK	3:30:00 PM					N/A
1/4/2019	NZDNOK	9:30:00 AM					N/A
1/4/2019	NZDNOK	11:30:00 AM					N/A
1/4/2019	NZDNOK	1:30:00 PM					N/A
1/4/2019	NZDNOK	3:30:00 PM					N/A
1/7/2019	NZDNOK	9:30:00 AM	5.7945	5.7977			N/A
1/7/2019	NZDNOK	11:30:00 AM					N/A
1/7/2019	NZDNOK	1:30:00 PM	5.7964	5.7988			N/A
1/7/2019	NZDNOK	3:30:00 PM	5.7885	5.7917			N/A
1/8/2019	NZDNOK	9:30:00 AM	5.7563	5.7577			N/A
1/8/2019	NZDNOK	11:30:00 AM	5.7533	5.7568			N/A
1/8/2019	NZDNOK	1:30:00 PM	5.7449	5.748			N/A
1/8/2019	NZDNOK	3:30:00 PM	5.7368	5.7369			N/A
1/9/2019	NZDNOK	9:30:00 AM	5.7587	5.7601			N/A
1/9/2019	NZDNOK	11:30:00 AM					N/A
1/9/2019	NZDNOK	1:30:00 PM	5.7829	5.7836			N/A
1/9/2019	NZDNOK	3:30:00 PM	5.776	5.7796			N/A
1/10/2019	NZDNOK	9:30:00 AM	5.7438	5.746			N/A
1/10/2019	NZDNOK	11:30:00 AM	5.7431	5.7434			N/A
1/10/2019	NZDNOK	1:30:00 PM	5.7383	5.742			N/A
1/10/2019	NZDNOK	3:30:00 PM	5.735	5.7353			N/A
1/11/2019	NZDNOK	9:30:00 AM	5.7723	5.7756			N/A
1/11/2019	NZDNOK	11:30:00 AM					N/A
1/11/2019	NZDNOK	1:30:00 PM	5.7795	5.7833			N/A
1/11/2019	NZDNOK	3:30:00 PM	5.7789	5.7788			N/A
1/14/2019	NZDNOK	9:30:00 AM	5.8177	5.8209			N/A
1/14/2019	NZDNOK	11:30:00 AM	5.8167	5.8188			N/A
1/14/2019	NZDNOK	1:30:00 PM	5.822	5.825			N/A
1/14/2019	NZDNOK	3:30:00 PM	5.8188	5.822			N/A
1/15/2019	NZDNOK	9:30:00 AM	5.8321	5.8352			N/A
1/15/2019	NZDNOK	11:30:00 AM					N/A
1/15/2019	NZDNOK	1:30:00 PM	5.825	5.8284			N/A
1/15/2019	NZDNOK	3:30:00 PM	5.8181	5.8181			N/A
1/16/2019	NZDNOK	9:30:00 AM	5.822	5.8247			N/A
1/16/2019	NZDNOK	11:30:00 AM	5.794	5.7974			N/A
1/16/2019	NZDNOK	1:30:00 PM	5.7733	5.7757			N/A

1/16/2019	NZDNOK	3:30:00 PM	5.7869	5.7906			N/A
1/17/2019	NZDNOK	9:30:00 AM	5.7685	5.7701			N/A
1/17/2019	NZDNOK	11:30:00 AM					N/A
1/17/2019	NZDNOK	1:30:00 PM	5.7628	5.7645			N/A
1/17/2019	NZDNOK	3:30:00 PM	5.7685	5.768			N/A
1/18/2019	NZDNOK	9:30:00 AM	5.774	5.7772			N/A
1/18/2019	NZDNOK	11:30:00 AM	5.7602	5.7615			N/A
1/18/2019	NZDNOK	1:30:00 PM	5.7697	5.7729			N/A
1/18/2019	NZDNOK	3:30:00 PM	5.7672	5.7692			N/A
1/21/2019	NZDNOK	9:30:00 AM	5.7528	5.7552			N/A
1/21/2019	NZDNOK	11:30:00 AM					N/A
1/21/2019	NZDNOK	1:30:00 PM	5.7571	5.761			N/A
1/21/2019	NZDNOK	3:30:00 PM	5.7617	5.7656			N/A
1/22/2019	NZDNOK	9:30:00 AM	5.7685	5.7712			N/A
1/22/2019	NZDNOK	11:30:00 AM	5.7589	5.7604			N/A
1/22/2019	NZDNOK	1:30:00 PM	5.7638	5.7676			N/A
1/22/2019	NZDNOK	3:30:00 PM	5.7758	5.7762			N/A
1/23/2019	NZDNOK	9:30:00 AM	5.8199	5.8238			N/A
1/23/2019	NZDNOK	11:30:00 AM					N/A
1/23/2019	NZDNOK	1:30:00 PM	5.8348	5.8381			N/A
1/23/2019	NZDNOK	3:30:00 PM	5.8171	5.8204			N/A
1/24/2019	NZDNOK	9:30:00 AM	5.8045	5.8069			N/A
1/24/2019	NZDNOK	11:30:00 AM	5.7971	5.7988			N/A
1/24/2019	NZDNOK	1:30:00 PM	5.7983	5.7999			N/A
1/24/2019	NZDNOK	3:30:00 PM	5.8128	5.8167			N/A
1/25/2019	NZDNOK	9:30:00 AM	5.7969	5.7994			N/A
1/25/2019	NZDNOK	11:30:00 AM					N/A
1/25/2019	NZDNOK	1:30:00 PM	5.7931	5.7948			N/A
1/25/2019	NZDNOK	3:30:00 PM	5.8064	5.8097			N/A
1/28/2019	NZDNOK	9:30:00 AM	5.8319	5.8355			N/A
1/28/2019	NZDNOK	11:30:00 AM	5.8341	5.837			N/A
1/28/2019	NZDNOK	1:30:00 PM	5.8293	5.8327			N/A
1/28/2019	NZDNOK	3:30:00 PM	5.8267	5.8285			N/A
1/29/2019	NZDNOK	9:30:00 AM	5.8157	5.819			N/A
1/29/2019	NZDNOK	11:30:00 AM					N/A
1/29/2019	NZDNOK	1:30:00 PM	5.8093	5.8131			N/A
1/29/2019	NZDNOK	3:30:00 PM	5.8104	5.8137			N/A
1/30/2019	NZDNOK	9:30:00 AM	5.8128	5.8165			N/A
1/30/2019	NZDNOK	11:30:00 AM	5.8105	5.8144			N/A
1/30/2019	NZDNOK	1:30:00 PM	5.8068	5.8098			N/A
1/30/2019	NZDNOK	3:30:00 PM	5.7906	5.7936			N/A
1/31/2019	NZDNOK	9:30:00 AM	5.8088	5.8109			N/A
1/31/2019	NZDNOK	11:30:00 AM					N/A
1/31/2019	NZDNOK	1:30:00 PM	5.8097	5.8135			N/A
1/31/2019	NZDNOK	3:30:00 PM	5.8176	5.821			N/A
2/1/2019	NZDNOK	9:30:00 AM	5.8301	5.8314			N/A
2/1/2019	NZDNOK	11:30:00 AM	5.8314	5.8336			N/A
2/1/2019	NZDNOK	1:30:00 PM	5.8313	5.835			N/A
2/1/2019	NZDNOK	3:30:00 PM	5.8293	5.8306			N/A
2/4/2019	NZDNOK	9:30:00 AM	5.8211	5.8245			N/A

2/4/2019	NZDNOK	11:30:00 AM					N/A
2/4/2019	NZDNOK	1:30:00 PM	5.8265	5.83			N/A
2/4/2019	NZDNOK	3:30:00 PM	5.8283	5.832			N/A
2/5/2019	NZDNOK	9:30:00 AM	5.8366	5.8405			N/A
2/5/2019	NZDNOK	11:30:00 AM	5.8287	5.8299			N/A
2/5/2019	NZDNOK	1:30:00 PM	5.8348	5.8385			N/A
2/5/2019	NZDNOK	3:30:00 PM	5.8431	5.8453			N/A
2/6/2019	NZDNOK	9:30:00 AM	5.8244	5.8282			N/A
2/6/2019	NZDNOK	11:30:00 AM					N/A
2/6/2019	NZDNOK	1:30:00 PM	5.831	5.8341			N/A
2/6/2019	NZDNOK	3:30:00 PM	5.8288	5.8305			N/A
2/7/2019	NZDNOK	9:30:00 AM	5.7712	5.7742			N/A
2/7/2019	NZDNOK	11:30:00 AM	5.7836	5.7875			N/A
2/7/2019	NZDNOK	1:30:00 PM	5.7935	5.7968			N/A
2/7/2019	NZDNOK	3:30:00 PM	5.7917	5.7931			N/A
2/8/2019	NZDNOK	9:30:00 AM	5.807	5.8102			N/A
2/8/2019	NZDNOK	11:30:00 AM					N/A
2/8/2019	NZDNOK	1:30:00 PM	5.8079	5.8118			N/A
2/8/2019	NZDNOK	3:30:00 PM	5.8073	5.8104			N/A
2/11/2019	NZDNOK	9:30:00 AM	5.8694	5.872			N/A
2/11/2019	NZDNOK	11:30:00 AM	5.8541	5.8572			N/A
2/11/2019	NZDNOK	1:30:00 PM	5.8509	5.8548			N/A
2/11/2019	NZDNOK	3:30:00 PM	5.8511	5.8547			N/A
2/12/2019	NZDNOK	9:30:00 AM	5.8515	5.8531			N/A
2/12/2019	NZDNOK	11:30:00 AM					N/A
2/12/2019	NZDNOK	1:30:00 PM	5.8457	5.8496			N/A
2/12/2019	NZDNOK	3:30:00 PM	5.8408	5.8442			N/A
2/13/2019	NZDNOK	9:30:00 AM	5.8958	5.8986			N/A
2/13/2019	NZDNOK	11:30:00 AM	5.8783	5.8816			N/A
2/13/2019	NZDNOK	1:30:00 PM	5.8802	5.8835			N/A
2/13/2019	NZDNOK	3:30:00 PM	5.8777	5.8808			N/A
2/14/2019	NZDNOK	9:30:00 AM	5.9014	5.9038			N/A
2/14/2019	NZDNOK	11:30:00 AM					N/A
2/14/2019	NZDNOK	1:30:00 PM	5.9106	5.9144			N/A
2/14/2019	NZDNOK	3:30:00 PM	5.9181	5.9207			N/A
2/15/2019	NZDNOK	9:30:00 AM					N/A
2/15/2019	NZDNOK	11:30:00 AM					N/A
2/15/2019	NZDNOK	1:30:00 PM					N/A
2/15/2019	NZDNOK	3:30:00 PM					N/A
2/18/2019	NZDNOK	9:30:00 AM	5.9224	5.9257			N/A
2/18/2019	NZDNOK	11:30:00 AM					N/A
2/18/2019	NZDNOK	1:30:00 PM	5.916	5.9192			N/A
2/18/2019	NZDNOK	3:30:00 PM	5.9198	5.9233			N/A
2/19/2019	NZDNOK	9:30:00 AM	5.8863	5.89			N/A
2/19/2019	NZDNOK	11:30:00 AM	5.8844	5.8871			N/A
2/19/2019	NZDNOK	1:30:00 PM	5.885	5.8871			N/A
2/19/2019	NZDNOK	3:30:00 PM	5.8864	5.8888			N/A
2/20/2019	NZDNOK	9:30:00 AM	5.8865	5.8886			N/A
2/20/2019	NZDNOK	11:30:00 AM					N/A
2/20/2019	NZDNOK	1:30:00 PM	5.8883	5.8914			N/A

2/20/2019	NZDNOK	3:30:00 PM	5.8962	5.8992			N/A
2/21/2019	NZDNOK	9:30:00 AM	5.877	5.8752			N/A
2/21/2019	NZDNOK	11:30:00 AM	5.8792	5.8831			N/A
2/21/2019	NZDNOK	1:30:00 PM	5.8694	5.8723			N/A
2/21/2019	NZDNOK	3:30:00 PM	5.874	5.8771			N/A
2/22/2019	NZDNOK	9:30:00 AM	5.8503	5.8533			N/A
2/22/2019	NZDNOK	11:30:00 AM					N/A
2/22/2019	NZDNOK	1:30:00 PM	5.8634	5.8671			N/A
2/22/2019	NZDNOK	3:30:00 PM	5.8675	5.8715			N/A
2/25/2019	NZDNOK	9:30:00 AM	5.8911	5.895			N/A
2/25/2019	NZDNOK	11:30:00 AM	5.9024	5.9062			N/A
2/25/2019	NZDNOK	1:30:00 PM	5.9069	5.9105			N/A
2/25/2019	NZDNOK	3:30:00 PM	5.9214	5.9223			N/A
2/26/2019	NZDNOK	9:30:00 AM	5.9258	5.9284			N/A
2/26/2019	NZDNOK	11:30:00 AM					N/A
2/26/2019	NZDNOK	1:30:00 PM	5.9172	5.9212			N/A
2/26/2019	NZDNOK	3:30:00 PM	5.9109	5.9121			N/A
2/27/2019	NZDNOK	9:30:00 AM	5.8985	5.9024			N/A
2/27/2019	NZDNOK	11:30:00 AM	5.8731	5.8771			N/A
2/27/2019	NZDNOK	1:30:00 PM	5.8517	5.8555			N/A
2/27/2019	NZDNOK	3:30:00 PM	5.8523	5.8531			N/A
2/28/2019	NZDNOK	9:30:00 AM	5.8516	5.8533			N/A
2/28/2019	NZDNOK	11:30:00 AM					N/A
2/28/2019	NZDNOK	1:30:00 PM	5.825	5.8289			N/A
2/28/2019	NZDNOK	3:30:00 PM	5.8261	5.8261			N/A
3/1/2019	NZDNOK	9:30:00 AM	5.83	5.832			N/A
3/1/2019	NZDNOK	11:30:00 AM	5.8319	5.8357			N/A
3/1/2019	NZDNOK	1:30:00 PM	5.8333	5.8372			N/A
3/1/2019	NZDNOK	3:30:00 PM	5.8366	5.8398			N/A
3/4/2019	NZDNOK	9:30:00 AM	5.8413	5.8452			N/A
3/4/2019	NZDNOK	11:30:00 AM					N/A
3/4/2019	NZDNOK	1:30:00 PM	5.8567	5.8598			N/A
3/4/2019	NZDNOK	3:30:00 PM	5.8572	5.8611			N/A
3/5/2019	NZDNOK	9:30:00 AM	5.8868	5.8884			N/A
3/5/2019	NZDNOK	11:30:00 AM	5.8805	5.8835			N/A
3/5/2019	NZDNOK	1:30:00 PM	5.8749	5.8783			N/A
3/5/2019	NZDNOK	3:30:00 PM	5.8734	5.8766			N/A
3/6/2019	NZDNOK	9:30:00 AM	5.8772	5.881			N/A
3/6/2019	NZDNOK	11:30:00 AM					N/A
3/6/2019	NZDNOK	1:30:00 PM	5.8836	5.8874			N/A
3/6/2019	NZDNOK	3:30:00 PM	5.8733	5.8772			N/A
3/7/2019	NZDNOK	9:30:00 AM	5.8749	5.8787			N/A
3/7/2019	NZDNOK	11:30:00 AM	5.87	5.8739			N/A
3/7/2019	NZDNOK	1:30:00 PM	5.8795	5.8834			N/A
3/7/2019	NZDNOK	3:30:00 PM	5.8866	5.8864			N/A
3/8/2019	NZDNOK	9:30:00 AM	5.9514	5.9543			N/A
3/8/2019	NZDNOK	11:30:00 AM					N/A
3/8/2019	NZDNOK	1:30:00 PM	5.9649	5.9676			N/A
3/8/2019	NZDNOK	3:30:00 PM	5.9694	5.9722			N/A
3/11/2019	NZDNOK	9:30:00 AM	5.9183	5.9208			N/A

3/11/2019	NZDNOK	11:30:00 AM	5.9242	5.9273			N/A
3/11/2019	NZDNOK	1:30:00 PM	5.9107	5.9146			N/A
3/11/2019	NZDNOK	3:30:00 PM	5.9194	5.9231			N/A
3/12/2019	NZDNOK	9:30:00 AM	5.922	5.9252			N/A
3/12/2019	NZDNOK	11:30:00 AM					N/A
3/12/2019	NZDNOK	1:30:00 PM	5.9221	5.9252			N/A
3/12/2019	NZDNOK	3:30:00 PM	5.922	5.9259			N/A
3/13/2019	NZDNOK	9:30:00 AM	5.897	5.9009			N/A
3/13/2019	NZDNOK	11:30:00 AM	5.8896	5.8935			N/A
3/13/2019	NZDNOK	1:30:00 PM	5.8867	5.8904			N/A
3/13/2019	NZDNOK	3:30:00 PM	5.875	5.8789			N/A
3/14/2019	NZDNOK	9:30:00 AM	5.8583	5.8605			N/A
3/14/2019	NZDNOK	11:30:00 AM					N/A
3/14/2019	NZDNOK	1:30:00 PM	5.8647	5.8668			N/A
3/14/2019	NZDNOK	3:30:00 PM	5.855	5.8573			N/A
3/15/2019	NZDNOK	9:30:00 AM	5.858	5.8619			N/A
3/15/2019	NZDNOK	11:30:00 AM	5.8611	5.8648			N/A
3/15/2019	NZDNOK	1:30:00 PM	5.843	5.8465			N/A
3/15/2019	NZDNOK	3:30:00 PM	5.857	5.8607			N/A
3/18/2019	NZDNOK	9:30:00 AM	5.8472	5.8511			N/A
3/18/2019	NZDNOK	11:30:00 AM					N/A
3/18/2019	NZDNOK	1:30:00 PM	5.8464	5.8494			N/A
3/18/2019	NZDNOK	3:30:00 PM	5.8465	5.8501			N/A
3/19/2019	NZDNOK	9:30:00 AM	5.8602	5.8625			N/A
3/19/2019	NZDNOK	11:30:00 AM	5.8576	5.861			N/A
3/19/2019	NZDNOK	1:30:00 PM	5.8471	5.851			N/A
3/19/2019	NZDNOK	3:30:00 PM	5.8467	5.85			N/A
3/20/2019	NZDNOK	9:30:00 AM	5.8346	5.8384			N/A
3/20/2019	NZDNOK	11:30:00 AM					N/A
3/20/2019	NZDNOK	1:30:00 PM	5.84	5.8438			N/A
3/20/2019	NZDNOK	3:30:00 PM	5.8437	5.8476			N/A
3/21/2019	NZDNOK	9:30:00 AM	5.8729	5.8765			N/A
3/21/2019	NZDNOK	11:30:00 AM	5.822	5.8239			N/A
3/21/2019	NZDNOK	1:30:00 PM	5.8248	5.8285			N/A
3/21/2019	NZDNOK	3:30:00 PM	5.8166	5.8194			N/A
3/22/2019	NZDNOK	9:30:00 AM	5.817	5.8202			N/A
3/22/2019	NZDNOK	11:30:00 AM					N/A
3/22/2019	NZDNOK	1:30:00 PM	5.8554	5.8594			N/A
3/22/2019	NZDNOK	3:30:00 PM	5.8652	5.8689			N/A
3/25/2019	NZDNOK	9:30:00 AM	5.88	5.883			N/A
3/25/2019	NZDNOK	11:30:00 AM	5.8611	5.8641			N/A
3/25/2019	NZDNOK	1:30:00 PM	5.8705	5.8739			N/A
3/25/2019	NZDNOK	3:30:00 PM	5.8871	5.8886			N/A
3/26/2019	NZDNOK	9:30:00 AM	5.888	5.8917			N/A
3/26/2019	NZDNOK	11:30:00 AM					N/A
3/26/2019	NZDNOK	1:30:00 PM	5.8816	5.8853			N/A
3/26/2019	NZDNOK	3:30:00 PM	5.8913	5.891			N/A
3/27/2019	NZDNOK	9:30:00 AM	5.8326	5.8354			N/A
3/27/2019	NZDNOK	11:30:00 AM	5.8336	5.8368			N/A
3/27/2019	NZDNOK	1:30:00 PM	5.8402	5.8421			N/A

3/27/2019	NZDNOK	3:30:00 PM	5.849	5.8514			N/A
3/28/2019	NZDNOK	9:30:00 AM	5.8873	5.8906			N/A
3/28/2019	NZDNOK	11:30:00 AM					N/A
3/28/2019	NZDNOK	1:30:00 PM	5.8959	5.8959			N/A
3/28/2019	NZDNOK	3:30:00 PM	5.8909	5.8912			N/A
3/29/2019	NZDNOK	9:30:00 AM	5.8617	5.8656			N/A
3/29/2019	NZDNOK	11:30:00 AM	5.867	5.8679			N/A
3/29/2019	NZDNOK	1:30:00 PM	5.8573	5.8611			N/A
3/29/2019	NZDNOK	3:30:00 PM	5.8513	5.8546			N/A
1/1/2019	NZDPLN	9:30:00 AM					N/A
1/1/2019	NZDPLN	11:30:00 AM					N/A
1/1/2019	NZDPLN	1:30:00 PM					N/A
1/1/2019	NZDPLN	3:30:00 PM					N/A
1/2/2019	NZDPLN	9:30:00 AM					N/A
1/2/2019	NZDPLN	11:30:00 AM					N/A
1/2/2019	NZDPLN	1:30:00 PM					N/A
1/2/2019	NZDPLN	3:30:00 PM					N/A
1/3/2019	NZDPLN	9:30:00 AM					N/A
1/3/2019	NZDPLN	11:30:00 AM					N/A
1/3/2019	NZDPLN	1:30:00 PM					N/A
1/3/2019	NZDPLN	3:30:00 PM					N/A
1/4/2019	NZDPLN	9:30:00 AM					N/A
1/4/2019	NZDPLN	11:30:00 AM					N/A
1/4/2019	NZDPLN	1:30:00 PM					N/A
1/4/2019	NZDPLN	3:30:00 PM					N/A
1/7/2019	NZDPLN	9:30:00 AM	2.5354	2.5368			N/A
1/7/2019	NZDPLN	11:30:00 AM					N/A
1/7/2019	NZDPLN	1:30:00 PM	2.5355	2.5369			N/A
1/7/2019	NZDPLN	3:30:00 PM	2.534	2.5353			N/A
1/8/2019	NZDPLN	9:30:00 AM	2.53	2.5313			N/A
1/8/2019	NZDPLN	11:30:00 AM	2.5291	2.5305			N/A
1/8/2019	NZDPLN	1:30:00 PM	2.5302	2.5314			N/A
1/8/2019	NZDPLN	3:30:00 PM	2.5267	2.5268			N/A
1/9/2019	NZDPLN	9:30:00 AM	2.5297	2.5311			N/A
1/9/2019	NZDPLN	11:30:00 AM					N/A
1/9/2019	NZDPLN	1:30:00 PM	2.543	2.5431			N/A
1/9/2019	NZDPLN	3:30:00 PM	2.5419	2.5432			N/A
1/10/2019	NZDPLN	9:30:00 AM	2.5267	2.528			N/A
1/10/2019	NZDPLN	11:30:00 AM	2.5311	2.5318			N/A
1/10/2019	NZDPLN	1:30:00 PM	2.5262	2.5276			N/A
1/10/2019	NZDPLN	3:30:00 PM	2.5275	2.5284			N/A
1/11/2019	NZDPLN	9:30:00 AM	2.5411	2.5425			N/A
1/11/2019	NZDPLN	11:30:00 AM					N/A
1/11/2019	NZDPLN	1:30:00 PM	2.5465	2.5478			N/A
1/11/2019	NZDPLN	3:30:00 PM	2.5447	2.545			N/A
1/14/2019	NZDPLN	9:30:00 AM	2.5466	2.5478			N/A
1/14/2019	NZDPLN	11:30:00 AM	2.5479	2.5493			N/A
1/14/2019	NZDPLN	1:30:00 PM	2.5527	2.554			N/A
1/14/2019	NZDPLN	3:30:00 PM	2.5511	2.5525			N/A
1/15/2019	NZDPLN	9:30:00 AM	2.5566	2.5567			N/A

1/15/2019	NZDPLN	11:30:00 AM					N/A
1/15/2019	NZDPLN	1:30:00 PM	2.5591	2.5606			N/A
1/15/2019	NZDPLN	3:30:00 PM	2.56	2.5601			N/A
1/16/2019	NZDPLN	9:30:00 AM	2.5674	2.5689			N/A
1/16/2019	NZDPLN	11:30:00 AM	2.5546	2.5559			N/A
1/16/2019	NZDPLN	1:30:00 PM	2.5418	2.543			N/A
1/16/2019	NZDPLN	3:30:00 PM	2.5475	2.5489			N/A
1/17/2019	NZDPLN	9:30:00 AM	2.5359	2.5367			N/A
1/17/2019	NZDPLN	11:30:00 AM					N/A
1/17/2019	NZDPLN	1:30:00 PM	2.5284	2.5297			N/A
1/17/2019	NZDPLN	3:30:00 PM	2.5327	2.5327			N/A
1/18/2019	NZDPLN	9:30:00 AM	2.5453	2.5467			N/A
1/18/2019	NZDPLN	11:30:00 AM	2.5436	2.5443			N/A
1/18/2019	NZDPLN	1:30:00 PM	2.546	2.5474			N/A
1/18/2019	NZDPLN	3:30:00 PM	2.5462	2.5468			N/A
1/21/2019	NZDPLN	9:30:00 AM	2.5358	2.5372			N/A
1/21/2019	NZDPLN	11:30:00 AM					N/A
1/21/2019	NZDPLN	1:30:00 PM	2.5383	2.5397			N/A
1/21/2019	NZDPLN	3:30:00 PM	2.5355	2.5368			N/A
1/22/2019	NZDPLN	9:30:00 AM	2.5356	2.5368			N/A
1/22/2019	NZDPLN	11:30:00 AM	2.5297	2.5306			N/A
1/22/2019	NZDPLN	1:30:00 PM	2.5291	2.5305			N/A
1/22/2019	NZDPLN	3:30:00 PM	2.5337	2.5351			N/A
1/23/2019	NZDPLN	9:30:00 AM	2.5566	2.5577			N/A
1/23/2019	NZDPLN	11:30:00 AM					N/A
1/23/2019	NZDPLN	1:30:00 PM	2.5611	2.5625			N/A
1/23/2019	NZDPLN	3:30:00 PM	2.5577	2.559			N/A
1/24/2019	NZDPLN	9:30:00 AM	2.5548	2.5561			N/A
1/24/2019	NZDPLN	11:30:00 AM	2.5614	2.562			N/A
1/24/2019	NZDPLN	1:30:00 PM	2.5627	2.563			N/A
1/24/2019	NZDPLN	3:30:00 PM	2.5617	2.5622			N/A
1/25/2019	NZDPLN	9:30:00 AM	2.5629	2.5641			N/A
1/25/2019	NZDPLN	11:30:00 AM					N/A
1/25/2019	NZDPLN	1:30:00 PM	2.5618	2.5633			N/A
1/25/2019	NZDPLN	3:30:00 PM	2.5653	2.5667			N/A
1/28/2019	NZDPLN	9:30:00 AM	2.5765	2.5778			N/A
1/28/2019	NZDPLN	11:30:00 AM	2.5764	2.5778			N/A
1/28/2019	NZDPLN	1:30:00 PM	2.5692	2.5706			N/A
1/28/2019	NZDPLN	3:30:00 PM	2.5684	2.5696			N/A
1/29/2019	NZDPLN	9:30:00 AM	2.5689	2.5702			N/A
1/29/2019	NZDPLN	11:30:00 AM					N/A
1/29/2019	NZDPLN	1:30:00 PM	2.5696	2.5709			N/A
1/29/2019	NZDPLN	3:30:00 PM	2.5725	2.5739			N/A
1/30/2019	NZDPLN	9:30:00 AM	2.5707	2.572			N/A
1/30/2019	NZDPLN	11:30:00 AM	2.5694	2.5708			N/A
1/30/2019	NZDPLN	1:30:00 PM	2.5669	2.5683			N/A
1/30/2019	NZDPLN	3:30:00 PM	2.5632	2.5643			N/A
1/31/2019	NZDPLN	9:30:00 AM	2.5691	2.5705			N/A
1/31/2019	NZDPLN	11:30:00 AM					N/A
1/31/2019	NZDPLN	1:30:00 PM	2.5722	2.5735			N/A

1/31/2019	NZDPLN	3:30:00 PM	2.5731	2.5737			N/A
2/1/2019	NZDPLN	9:30:00 AM	2.5732	2.5747			N/A
2/1/2019	NZDPLN	11:30:00 AM	2.5784	2.5797			N/A
2/1/2019	NZDPLN	1:30:00 PM	2.575	2.5761			N/A
2/1/2019	NZDPLN	3:30:00 PM	2.5803	2.58			N/A
2/4/2019	NZDPLN	9:30:00 AM	2.5845	2.5859			N/A
2/4/2019	NZDPLN	11:30:00 AM					N/A
2/4/2019	NZDPLN	1:30:00 PM	2.576	2.5774			N/A
2/4/2019	NZDPLN	3:30:00 PM	2.5733	2.5747			N/A
2/5/2019	NZDPLN	9:30:00 AM	2.5858	2.5872			N/A
2/5/2019	NZDPLN	11:30:00 AM	2.5838	2.5836			N/A
2/5/2019	NZDPLN	1:30:00 PM	2.5877	2.5891			N/A
2/5/2019	NZDPLN	3:30:00 PM	2.5899	2.5912			N/A
2/6/2019	NZDPLN	9:30:00 AM	2.5831	2.5839			N/A
2/6/2019	NZDPLN	11:30:00 AM					N/A
2/6/2019	NZDPLN	1:30:00 PM	2.5812	2.5825			N/A
2/6/2019	NZDPLN	3:30:00 PM	2.5798	2.5801			N/A
2/7/2019	NZDPLN	9:30:00 AM	2.5525	2.5537			N/A
2/7/2019	NZDPLN	11:30:00 AM	2.5576	2.559			N/A
2/7/2019	NZDPLN	1:30:00 PM	2.5622	2.5635			N/A
2/7/2019	NZDPLN	3:30:00 PM	2.5603	2.5607			N/A
2/8/2019	NZDPLN	9:30:00 AM	2.5657	2.567			N/A
2/8/2019	NZDPLN	11:30:00 AM					N/A
2/8/2019	NZDPLN	1:30:00 PM	2.5609	2.5623			N/A
2/8/2019	NZDPLN	3:30:00 PM	2.5602	2.5614			N/A
2/11/2019	NZDPLN	9:30:00 AM	2.5724	2.5736			N/A
2/11/2019	NZDPLN	11:30:00 AM	2.5734	2.5745			N/A
2/11/2019	NZDPLN	1:30:00 PM	2.5749	2.5763			N/A
2/11/2019	NZDPLN	3:30:00 PM	2.5729	2.5743			N/A
2/12/2019	NZDPLN	9:30:00 AM	2.5782	2.5796			N/A
2/12/2019	NZDPLN	11:30:00 AM					N/A
2/12/2019	NZDPLN	1:30:00 PM	2.5816	2.583			N/A
2/12/2019	NZDPLN	3:30:00 PM	2.5792	2.5806			N/A
2/13/2019	NZDPLN	9:30:00 AM	2.6101	2.6115			N/A
2/13/2019	NZDPLN	11:30:00 AM	2.6054	2.6061			N/A
2/13/2019	NZDPLN	1:30:00 PM	2.6055	2.6069			N/A
2/13/2019	NZDPLN	3:30:00 PM	2.6058	2.6072			N/A
2/14/2019	NZDPLN	9:30:00 AM	2.6267	2.628			N/A
2/14/2019	NZDPLN	11:30:00 AM					N/A
2/14/2019	NZDPLN	1:30:00 PM	2.6249	2.6263			N/A
2/14/2019	NZDPLN	3:30:00 PM	2.6275	2.629			N/A
2/15/2019	NZDPLN	9:30:00 AM					N/A
2/15/2019	NZDPLN	11:30:00 AM					N/A
2/15/2019	NZDPLN	1:30:00 PM					N/A
2/15/2019	NZDPLN	3:30:00 PM					N/A
2/18/2019	NZDPLN	9:30:00 AM	2.6285	2.6297			N/A
2/18/2019	NZDPLN	11:30:00 AM					N/A
2/18/2019	NZDPLN	1:30:00 PM	2.6266	2.628			N/A
2/18/2019	NZDPLN	3:30:00 PM	2.6291	2.6305			N/A
2/19/2019	NZDPLN	9:30:00 AM	2.6177	2.6191			N/A

2/19/2019	NZDPLN	11:30:00 AM	2.6125	2.6137			N/A
2/19/2019	NZDPLN	1:30:00 PM	2.6164	2.6177			N/A
2/19/2019	NZDPLN	3:30:00 PM	2.6185	2.6199			N/A
2/20/2019	NZDPLN	9:30:00 AM	2.6228	2.624			N/A
2/20/2019	NZDPLN	11:30:00 AM					N/A
2/20/2019	NZDPLN	1:30:00 PM	2.6265	2.6279			N/A
2/20/2019	NZDPLN	3:30:00 PM	2.6299	2.631			N/A
2/21/2019	NZDPLN	9:30:00 AM	2.6097	2.61			N/A
2/21/2019	NZDPLN	11:30:00 AM	2.6042	2.6055			N/A
2/21/2019	NZDPLN	1:30:00 PM	2.6016	2.6028			N/A
2/21/2019	NZDPLN	3:30:00 PM	2.6042	2.6055			N/A
2/22/2019	NZDPLN	9:30:00 AM	2.5933	2.5947			N/A
2/22/2019	NZDPLN	11:30:00 AM					N/A
2/22/2019	NZDPLN	1:30:00 PM	2.6033	2.6047			N/A
2/22/2019	NZDPLN	3:30:00 PM	2.6067	2.6081			N/A
2/25/2019	NZDPLN	9:30:00 AM	2.6197	2.621			N/A
2/25/2019	NZDPLN	11:30:00 AM	2.628	2.6293			N/A
2/25/2019	NZDPLN	1:30:00 PM	2.6298	2.6311			N/A
2/25/2019	NZDPLN	3:30:00 PM	2.6298	2.6312			N/A
2/26/2019	NZDPLN	9:30:00 AM	2.6279	2.6293			N/A
2/26/2019	NZDPLN	11:30:00 AM					N/A
2/26/2019	NZDPLN	1:30:00 PM	2.6202	2.6214			N/A
2/26/2019	NZDPLN	3:30:00 PM	2.6201	2.6207			N/A
2/27/2019	NZDPLN	9:30:00 AM	2.6196	2.6209			N/A
2/27/2019	NZDPLN	11:30:00 AM	2.6037	2.6051			N/A
2/27/2019	NZDPLN	1:30:00 PM	2.5999	2.6008			N/A
2/27/2019	NZDPLN	3:30:00 PM	2.5995	2.6003			N/A
2/28/2019	NZDPLN	9:30:00 AM	2.5959	2.5972			N/A
2/28/2019	NZDPLN	11:30:00 AM					N/A
2/28/2019	NZDPLN	1:30:00 PM	2.5792	2.5806			N/A
2/28/2019	NZDPLN	3:30:00 PM	2.5821	2.5819			N/A
3/1/2019	NZDPLN	9:30:00 AM	2.5795	2.5809			N/A
3/1/2019	NZDPLN	11:30:00 AM	2.5811	2.5824			N/A
3/1/2019	NZDPLN	1:30:00 PM	2.5838	2.5852			N/A
3/1/2019	NZDPLN	3:30:00 PM	2.5845	2.5849			N/A
3/4/2019	NZDPLN	9:30:00 AM	2.5775	2.5788			N/A
3/4/2019	NZDPLN	11:30:00 AM					N/A
3/4/2019	NZDPLN	1:30:00 PM	2.5791	2.5804			N/A
3/4/2019	NZDPLN	3:30:00 PM	2.5791	2.5805			N/A
3/5/2019	NZDPLN	9:30:00 AM	2.5797	2.5803			N/A
3/5/2019	NZDPLN	11:30:00 AM	2.5801	2.5814			N/A
3/5/2019	NZDPLN	1:30:00 PM	2.577	2.5784			N/A
3/5/2019	NZDPLN	3:30:00 PM	2.5768	2.5783			N/A
3/6/2019	NZDPLN	9:30:00 AM	2.5771	2.5785			N/A
3/6/2019	NZDPLN	11:30:00 AM					N/A
3/6/2019	NZDPLN	1:30:00 PM	2.5774	2.5788			N/A
3/6/2019	NZDPLN	3:30:00 PM	2.5736	2.5744			N/A
3/7/2019	NZDPLN	9:30:00 AM	2.5797	2.581			N/A
3/7/2019	NZDPLN	11:30:00 AM	2.5768	2.5782			N/A
3/7/2019	NZDPLN	1:30:00 PM	2.5791	2.5801			N/A

3/7/2019	NZDPLN	3:30:00 PM	2.585	2.586			N/A
3/8/2019	NZDPLN	9:30:00 AM	2.6027	2.6041			N/A
3/8/2019	NZDPLN	11:30:00 AM					N/A
3/8/2019	NZDPLN	1:30:00 PM	2.6058	2.6072			N/A
3/8/2019	NZDPLN	3:30:00 PM	2.6033	2.6048			N/A
3/11/2019	NZDPLN	9:30:00 AM	2.602	2.6025			N/A
3/11/2019	NZDPLN	11:30:00 AM	2.6026	2.6039			N/A
3/11/2019	NZDPLN	1:30:00 PM	2.6021	2.6035			N/A
3/11/2019	NZDPLN	3:30:00 PM	2.6056	2.6071			N/A
3/12/2019	NZDPLN	9:30:00 AM	2.6126	2.614			N/A
3/12/2019	NZDPLN	11:30:00 AM					N/A
3/12/2019	NZDPLN	1:30:00 PM	2.615	2.6162			N/A
3/12/2019	NZDPLN	3:30:00 PM	2.6151	2.6162			N/A
3/13/2019	NZDPLN	9:30:00 AM	2.6026	2.6038			N/A
3/13/2019	NZDPLN	11:30:00 AM	2.6027	2.6041			N/A
3/13/2019	NZDPLN	1:30:00 PM	2.602	2.6034			N/A
3/13/2019	NZDPLN	3:30:00 PM	2.5982	2.5996			N/A
3/14/2019	NZDPLN	9:30:00 AM	2.5969	2.5984			N/A
3/14/2019	NZDPLN	11:30:00 AM					N/A
3/14/2019	NZDPLN	1:30:00 PM	2.5945	2.5948			N/A
3/14/2019	NZDPLN	3:30:00 PM	2.5944	2.5958			N/A
3/15/2019	NZDPLN	9:30:00 AM	2.6025	2.6039			N/A
3/15/2019	NZDPLN	11:30:00 AM	2.603	2.6043			N/A
3/15/2019	NZDPLN	1:30:00 PM	2.601	2.6023			N/A
3/15/2019	NZDPLN	3:30:00 PM	2.6021	2.6035			N/A
3/18/2019	NZDPLN	9:30:00 AM	2.6023	2.6033			N/A
3/18/2019	NZDPLN	11:30:00 AM					N/A
3/18/2019	NZDPLN	1:30:00 PM	2.5983	2.5996			N/A
3/18/2019	NZDPLN	3:30:00 PM	2.5974	2.5988			N/A
3/19/2019	NZDPLN	9:30:00 AM	2.5927	2.5941			N/A
3/19/2019	NZDPLN	11:30:00 AM	2.5903	2.5913			N/A
3/19/2019	NZDPLN	1:30:00 PM	2.5905	2.592			N/A
3/19/2019	NZDPLN	3:30:00 PM	2.5927	2.594			N/A
3/20/2019	NZDPLN	9:30:00 AM	2.5827	2.5841			N/A
3/20/2019	NZDPLN	11:30:00 AM					N/A
3/20/2019	NZDPLN	1:30:00 PM	2.5836	2.5849			N/A
3/20/2019	NZDPLN	3:30:00 PM	2.5837	2.5851			N/A
3/21/2019	NZDPLN	9:30:00 AM	2.5916	2.5929			N/A
3/21/2019	NZDPLN	11:30:00 AM	2.5968	2.5975			N/A
3/21/2019	NZDPLN	1:30:00 PM	2.5936	2.595			N/A
3/21/2019	NZDPLN	3:30:00 PM	2.5888	2.5902			N/A
3/22/2019	NZDPLN	9:30:00 AM	2.5923	2.5936			N/A
3/22/2019	NZDPLN	11:30:00 AM					N/A
3/22/2019	NZDPLN	1:30:00 PM	2.6087	2.6099			N/A
3/22/2019	NZDPLN	3:30:00 PM	2.6121	2.6134			N/A
3/25/2019	NZDPLN	9:30:00 AM	2.6126	2.6136			N/A
3/25/2019	NZDPLN	11:30:00 AM	2.6103	2.6118			N/A
3/25/2019	NZDPLN	1:30:00 PM	2.6146	2.6158			N/A
3/25/2019	NZDPLN	3:30:00 PM	2.6178	2.6192			N/A
3/26/2019	NZDPLN	9:30:00 AM	2.6177	2.6192			N/A

3/26/2019	NZDPLN	11:30:00 AM					N/A
3/26/2019	NZDPLN	1:30:00 PM	2.6183	2.6197			N/A
3/26/2019	NZDPLN	3:30:00 PM	2.6248	2.625			N/A
3/27/2019	NZDPLN	9:30:00 AM	2.5952	2.5966			N/A
3/27/2019	NZDPLN	11:30:00 AM	2.5951	2.5965			N/A
3/27/2019	NZDPLN	1:30:00 PM	2.592	2.5933			N/A
3/27/2019	NZDPLN	3:30:00 PM	2.5924	2.5937			N/A
3/28/2019	NZDPLN	9:30:00 AM	2.603	2.6042			N/A
3/28/2019	NZDPLN	11:30:00 AM					N/A
3/28/2019	NZDPLN	1:30:00 PM	2.6035	2.6043			N/A
3/28/2019	NZDPLN	3:30:00 PM	2.5988	2.5995			N/A
3/29/2019	NZDPLN	9:30:00 AM	2.5971	2.5985			N/A
3/29/2019	NZDPLN	11:30:00 AM	2.6011	2.6014			N/A
3/29/2019	NZDPLN	1:30:00 PM	2.6023	2.6037			N/A
3/29/2019	NZDPLN	3:30:00 PM	2.6044	2.6059			N/A
1/1/2019	NZDSEK	9:30:00 AM					N/A
1/1/2019	NZDSEK	11:30:00 AM					N/A
1/1/2019	NZDSEK	1:30:00 PM					N/A
1/1/2019	NZDSEK	3:30:00 PM					N/A
1/2/2019	NZDSEK	9:30:00 AM					N/A
1/2/2019	NZDSEK	11:30:00 AM					N/A
1/2/2019	NZDSEK	1:30:00 PM					N/A
1/2/2019	NZDSEK	3:30:00 PM					N/A
1/3/2019	NZDSEK	9:30:00 AM					N/A
1/3/2019	NZDSEK	11:30:00 AM					N/A
1/3/2019	NZDSEK	1:30:00 PM					N/A
1/3/2019	NZDSEK	3:30:00 PM					N/A
1/4/2019	NZDSEK	9:30:00 AM					N/A
1/4/2019	NZDSEK	11:30:00 AM					N/A
1/4/2019	NZDSEK	1:30:00 PM					N/A
1/4/2019	NZDSEK	3:30:00 PM					N/A
1/7/2019	NZDSEK	9:30:00 AM	6.0307	6.0359			N/A
1/7/2019	NZDSEK	11:30:00 AM					N/A
1/7/2019	NZDSEK	1:30:00 PM	6.0375	6.0438			N/A
1/7/2019	NZDSEK	3:30:00 PM	6.0334	6.0397			N/A
1/8/2019	NZDSEK	9:30:00 AM	6.0038	6.0099			N/A
1/8/2019	NZDSEK	11:30:00 AM	5.9891	5.9944			N/A
1/8/2019	NZDSEK	1:30:00 PM	5.9826	5.9882			N/A
1/8/2019	NZDSEK	3:30:00 PM	5.979	5.984			N/A
1/9/2019	NZDSEK	9:30:00 AM	6.0179	6.0241			N/A
1/9/2019	NZDSEK	11:30:00 AM					N/A
1/9/2019	NZDSEK	1:30:00 PM	6.0518	6.0563			N/A
1/9/2019	NZDSEK	3:30:00 PM	6.0453	6.0522			N/A
1/10/2019	NZDSEK	9:30:00 AM	6.0157	6.0212			N/A
1/10/2019	NZDSEK	11:30:00 AM	6.0243	6.0305			N/A
1/10/2019	NZDSEK	1:30:00 PM	6.014	6.02			N/A
1/10/2019	NZDSEK	3:30:00 PM	6.018	6.0225			N/A
1/11/2019	NZDSEK	9:30:00 AM	6.0554	6.0616			N/A
1/11/2019	NZDSEK	11:30:00 AM					N/A
1/11/2019	NZDSEK	1:30:00 PM	6.0652	6.0721			N/A

1/11/2019	NZDSEK	3:30:00 PM	6.0613	6.0666			N/A
1/14/2019	NZDSEK	9:30:00 AM	6.0826	6.0883			N/A
1/14/2019	NZDSEK	11:30:00 AM	6.0735	6.0796			N/A
1/14/2019	NZDSEK	1:30:00 PM	6.0911	6.0951			N/A
1/14/2019	NZDSEK	3:30:00 PM	6.0937	6.1			N/A
1/15/2019	NZDSEK	9:30:00 AM	6.1067	6.1129			N/A
1/15/2019	NZDSEK	11:30:00 AM					N/A
1/15/2019	NZDSEK	1:30:00 PM	6.1046	6.1113			N/A
1/15/2019	NZDSEK	3:30:00 PM	6.1052	6.1096			N/A
1/16/2019	NZDSEK	9:30:00 AM	6.1125	6.1184			N/A
1/16/2019	NZDSEK	11:30:00 AM	6.091	6.0979			N/A
1/16/2019	NZDSEK	1:30:00 PM	6.0657	6.0724			N/A
1/16/2019	NZDSEK	3:30:00 PM	6.0883	6.0941			N/A
1/17/2019	NZDSEK	9:30:00 AM	6.0769	6.0809			N/A
1/17/2019	NZDSEK	11:30:00 AM					N/A
1/17/2019	NZDSEK	1:30:00 PM	6.0708	6.0753			N/A
1/17/2019	NZDSEK	3:30:00 PM	6.0833	6.0868			N/A
1/18/2019	NZDSEK	9:30:00 AM	6.09	6.0964			N/A
1/18/2019	NZDSEK	11:30:00 AM	6.0744	6.0813			N/A
1/18/2019	NZDSEK	1:30:00 PM	6.0793	6.0857			N/A
1/18/2019	NZDSEK	3:30:00 PM	6.0815	6.0862			N/A
1/21/2019	NZDSEK	9:30:00 AM	6.0588	6.0643			N/A
1/21/2019	NZDSEK	11:30:00 AM					N/A
1/21/2019	NZDSEK	1:30:00 PM	6.0611	6.0679			N/A
1/21/2019	NZDSEK	3:30:00 PM	6.0601	6.0668			N/A
1/22/2019	NZDSEK	9:30:00 AM	6.0657	6.0704			N/A
1/22/2019	NZDSEK	11:30:00 AM	6.0484	6.0552			N/A
1/22/2019	NZDSEK	1:30:00 PM	6.0536	6.0605			N/A
1/22/2019	NZDSEK	3:30:00 PM	6.0647	6.0693			N/A
1/23/2019	NZDSEK	9:30:00 AM	6.1083	6.1152			N/A
1/23/2019	NZDSEK	11:30:00 AM					N/A
1/23/2019	NZDSEK	1:30:00 PM	6.125	6.1318			N/A
1/23/2019	NZDSEK	3:30:00 PM	6.1122	6.1185			N/A
1/24/2019	NZDSEK	9:30:00 AM	6.1098	6.1166			N/A
1/24/2019	NZDSEK	11:30:00 AM	6.1217	6.1257			N/A
1/24/2019	NZDSEK	1:30:00 PM	6.1389	6.1425			N/A
1/24/2019	NZDSEK	3:30:00 PM	6.1471	6.1529			N/A
1/25/2019	NZDSEK	9:30:00 AM	6.1354	6.1415			N/A
1/25/2019	NZDSEK	11:30:00 AM					N/A
1/25/2019	NZDSEK	1:30:00 PM	6.1468	6.153			N/A
1/25/2019	NZDSEK	3:30:00 PM	6.1606	6.1673			N/A
1/28/2019	NZDSEK	9:30:00 AM	6.1978	6.2024			N/A
1/28/2019	NZDSEK	11:30:00 AM	6.1925	6.1988			N/A
1/28/2019	NZDSEK	1:30:00 PM	6.198	6.2043			N/A
1/28/2019	NZDSEK	3:30:00 PM	6.1965	6.2034			N/A
1/29/2019	NZDSEK	9:30:00 AM	6.1908	6.1968			N/A
1/29/2019	NZDSEK	11:30:00 AM					N/A
1/29/2019	NZDSEK	1:30:00 PM	6.1951	6.2013			N/A
1/29/2019	NZDSEK	3:30:00 PM	6.1957	6.2027			N/A
1/30/2019	NZDSEK	9:30:00 AM	6.1996	6.2056			N/A

1/30/2019	NZDSEK	11:30:00 AM	6.2052	6.2121			N/A
1/30/2019	NZDSEK	1:30:00 PM	6.2153	6.2221			N/A
1/30/2019	NZDSEK	3:30:00 PM	6.1987	6.2056			N/A
1/31/2019	NZDSEK	9:30:00 AM	6.2331	6.2369			N/A
1/31/2019	NZDSEK	11:30:00 AM					N/A
1/31/2019	NZDSEK	1:30:00 PM	6.2324	6.2393			N/A
1/31/2019	NZDSEK	3:30:00 PM	6.2458	6.2506			N/A
2/1/2019	NZDSEK	9:30:00 AM	6.2493	6.2536			N/A
2/1/2019	NZDSEK	11:30:00 AM	6.2534	6.2603			N/A
2/1/2019	NZDSEK	1:30:00 PM	6.2585	6.2652			N/A
2/1/2019	NZDSEK	3:30:00 PM	6.2622	6.2659			N/A
2/4/2019	NZDSEK	9:30:00 AM	6.2472	6.2541			N/A
2/4/2019	NZDSEK	11:30:00 AM					N/A
2/4/2019	NZDSEK	1:30:00 PM	6.2471	6.2539			N/A
2/4/2019	NZDSEK	3:30:00 PM	6.2507	6.2567			N/A
2/5/2019	NZDSEK	9:30:00 AM	6.2823	6.2864			N/A
2/5/2019	NZDSEK	11:30:00 AM	6.2759	6.2813			N/A
2/5/2019	NZDSEK	1:30:00 PM	6.2808	6.2875			N/A
2/5/2019	NZDSEK	3:30:00 PM	6.2769	6.2821			N/A
2/6/2019	NZDSEK	9:30:00 AM	6.2631	6.2692			N/A
2/6/2019	NZDSEK	11:30:00 AM					N/A
2/6/2019	NZDSEK	1:30:00 PM	6.2704	6.2753			N/A
2/6/2019	NZDSEK	3:30:00 PM	6.2747	6.2791			N/A
2/7/2019	NZDSEK	9:30:00 AM	6.2104	6.2172			N/A
2/7/2019	NZDSEK	11:30:00 AM	6.2246	6.2315			N/A
2/7/2019	NZDSEK	1:30:00 PM	6.2435	6.2504			N/A
2/7/2019	NZDSEK	3:30:00 PM	6.2366	6.2389			N/A
2/8/2019	NZDSEK	9:30:00 AM	6.2558	6.2597			N/A
2/8/2019	NZDSEK	11:30:00 AM					N/A
2/8/2019	NZDSEK	1:30:00 PM	6.2485	6.255			N/A
2/8/2019	NZDSEK	3:30:00 PM	6.2415	6.2475			N/A
2/11/2019	NZDSEK	9:30:00 AM	6.2725	6.2793			N/A
2/11/2019	NZDSEK	11:30:00 AM	6.2475	6.2538			N/A
2/11/2019	NZDSEK	1:30:00 PM	6.2496	6.2558			N/A
2/11/2019	NZDSEK	3:30:00 PM	6.2467	6.2528			N/A
2/12/2019	NZDSEK	9:30:00 AM	6.242	6.2483			N/A
2/12/2019	NZDSEK	11:30:00 AM					N/A
2/12/2019	NZDSEK	1:30:00 PM	6.2347	6.2415			N/A
2/12/2019	NZDSEK	3:30:00 PM	6.2444	6.2512			N/A
2/13/2019	NZDSEK	9:30:00 AM	6.3242	6.3304			N/A
2/13/2019	NZDSEK	11:30:00 AM	6.2876	6.2935			N/A
2/13/2019	NZDSEK	1:30:00 PM	6.271	6.2779			N/A
2/13/2019	NZDSEK	3:30:00 PM	6.267	6.273			N/A
2/14/2019	NZDSEK	9:30:00 AM	6.3205	6.3246			N/A
2/14/2019	NZDSEK	11:30:00 AM					N/A
2/14/2019	NZDSEK	1:30:00 PM	6.3321	6.338			N/A
2/14/2019	NZDSEK	3:30:00 PM	6.3527	6.3588			N/A
2/15/2019	NZDSEK	9:30:00 AM					N/A
2/15/2019	NZDSEK	11:30:00 AM					N/A
2/15/2019	NZDSEK	1:30:00 PM					N/A

2/15/2019	NZDSEK	3:30:00 PM					N/A
2/18/2019	NZDSEK	9:30:00 AM	6.3566	6.3623			N/A
2/18/2019	NZDSEK	11:30:00 AM					N/A
2/18/2019	NZDSEK	1:30:00 PM	6.3506	6.3553			N/A
2/18/2019	NZDSEK	3:30:00 PM	6.3556	6.362			N/A
2/19/2019	NZDSEK	9:30:00 AM	6.3287	6.3355			N/A
2/19/2019	NZDSEK	11:30:00 AM	6.3877	6.3914			N/A
2/19/2019	NZDSEK	1:30:00 PM	6.3946	6.4016			N/A
2/19/2019	NZDSEK	3:30:00 PM	6.4004	6.4067			N/A
2/20/2019	NZDSEK	9:30:00 AM	6.3866	6.3921			N/A
2/20/2019	NZDSEK	11:30:00 AM					N/A
2/20/2019	NZDSEK	1:30:00 PM	6.3885	6.3952			N/A
2/20/2019	NZDSEK	3:30:00 PM	6.3985	6.4052			N/A
2/21/2019	NZDSEK	9:30:00 AM	6.3702	6.3724			N/A
2/21/2019	NZDSEK	11:30:00 AM	6.3647	6.3707			N/A
2/21/2019	NZDSEK	1:30:00 PM	6.3628	6.3682			N/A
2/21/2019	NZDSEK	3:30:00 PM	6.3784	6.3836			N/A
2/22/2019	NZDSEK	9:30:00 AM	6.3509	6.3563			N/A
2/22/2019	NZDSEK	11:30:00 AM					N/A
2/22/2019	NZDSEK	1:30:00 PM	6.3637	6.3697			N/A
2/22/2019	NZDSEK	3:30:00 PM	6.3723	6.3789			N/A
2/25/2019	NZDSEK	9:30:00 AM	6.3954	6.4023			N/A
2/25/2019	NZDSEK	11:30:00 AM	6.4037	6.4102			N/A
2/25/2019	NZDSEK	1:30:00 PM	6.4119	6.4175			N/A
2/25/2019	NZDSEK	3:30:00 PM	6.4146	6.4197			N/A
2/26/2019	NZDSEK	9:30:00 AM	6.4146	6.4211			N/A
2/26/2019	NZDSEK	11:30:00 AM					N/A
2/26/2019	NZDSEK	1:30:00 PM	6.4073	6.4127			N/A
2/26/2019	NZDSEK	3:30:00 PM	6.4019	6.4076			N/A
2/27/2019	NZDSEK	9:30:00 AM	6.4002	6.407			N/A
2/27/2019	NZDSEK	11:30:00 AM	6.3643	6.3713			N/A
2/27/2019	NZDSEK	1:30:00 PM	6.3488	6.3552			N/A
2/27/2019	NZDSEK	3:30:00 PM	6.3494	6.3562			N/A
2/28/2019	NZDSEK	9:30:00 AM	6.3369	6.3427			N/A
2/28/2019	NZDSEK	11:30:00 AM					N/A
2/28/2019	NZDSEK	1:30:00 PM	6.2742	6.2802			N/A
2/28/2019	NZDSEK	3:30:00 PM	6.2814	6.2822			N/A
3/1/2019	NZDSEK	9:30:00 AM	6.2968	6.2995			N/A
3/1/2019	NZDSEK	11:30:00 AM	6.2949	6.3007			N/A
3/1/2019	NZDSEK	1:30:00 PM	6.2945	6.3008			N/A
3/1/2019	NZDSEK	3:30:00 PM	6.2977	6.3045			N/A
3/4/2019	NZDSEK	9:30:00 AM	6.3071	6.3139			N/A
3/4/2019	NZDSEK	11:30:00 AM					N/A
3/4/2019	NZDSEK	1:30:00 PM	6.3234	6.3293			N/A
3/4/2019	NZDSEK	3:30:00 PM	6.3339	6.3408			N/A
3/5/2019	NZDSEK	9:30:00 AM	6.3531	6.3568			N/A
3/5/2019	NZDSEK	11:30:00 AM	6.3298	6.336			N/A
3/5/2019	NZDSEK	1:30:00 PM	6.3234	6.3289			N/A
3/5/2019	NZDSEK	3:30:00 PM	6.3195	6.3263			N/A
3/6/2019	NZDSEK	9:30:00 AM	6.3102	6.3147			N/A

3/6/2019	NZDSEK	11:30:00 AM					N/A
3/6/2019	NZDSEK	1:30:00 PM	6.319	6.3258			N/A
3/6/2019	NZDSEK	3:30:00 PM	6.3102	6.316			N/A
3/7/2019	NZDSEK	9:30:00 AM	6.3038	6.3107			N/A
3/7/2019	NZDSEK	11:30:00 AM	6.3071	6.3129			N/A
3/7/2019	NZDSEK	1:30:00 PM	6.3308	6.3373			N/A
3/7/2019	NZDSEK	3:30:00 PM	6.3504	6.3551			N/A
3/8/2019	NZDSEK	9:30:00 AM	6.4077	6.4146			N/A
3/8/2019	NZDSEK	11:30:00 AM					N/A
3/8/2019	NZDSEK	1:30:00 PM	6.4289	6.435			N/A
3/8/2019	NZDSEK	3:30:00 PM	6.4332	6.4392			N/A
3/11/2019	NZDSEK	9:30:00 AM	6.3989	6.4041			N/A
3/11/2019	NZDSEK	11:30:00 AM	6.416	6.4228			N/A
3/11/2019	NZDSEK	1:30:00 PM	6.3958	6.4025			N/A
3/11/2019	NZDSEK	3:30:00 PM	6.4074	6.4113			N/A
3/12/2019	NZDSEK	9:30:00 AM	6.4098	6.4165			N/A
3/12/2019	NZDSEK	11:30:00 AM					N/A
3/12/2019	NZDSEK	1:30:00 PM	6.4297	6.4352			N/A
3/12/2019	NZDSEK	3:30:00 PM	6.4293	6.4361			N/A
3/13/2019	NZDSEK	9:30:00 AM	6.3978	6.4046			N/A
3/13/2019	NZDSEK	11:30:00 AM	6.3874	6.3937			N/A
3/13/2019	NZDSEK	1:30:00 PM	6.3861	6.3927			N/A
3/13/2019	NZDSEK	3:30:00 PM	6.3744	6.3803			N/A
3/14/2019	NZDSEK	9:30:00 AM	6.3556	6.3626			N/A
3/14/2019	NZDSEK	11:30:00 AM					N/A
3/14/2019	NZDSEK	1:30:00 PM	6.3588	6.3647			N/A
3/14/2019	NZDSEK	3:30:00 PM	6.3513	6.3573			N/A
3/15/2019	NZDSEK	9:30:00 AM	6.3534	6.3598			N/A
3/15/2019	NZDSEK	11:30:00 AM	6.3551	6.3598			N/A
3/15/2019	NZDSEK	1:30:00 PM	6.3301	6.3354			N/A
3/15/2019	NZDSEK	3:30:00 PM	6.3445	6.3503			N/A
3/18/2019	NZDSEK	9:30:00 AM	6.3269	6.3324			N/A
3/18/2019	NZDSEK	11:30:00 AM					N/A
3/18/2019	NZDSEK	1:30:00 PM	6.3238	6.3303			N/A
3/18/2019	NZDSEK	3:30:00 PM	6.3254	6.3311			N/A
3/19/2019	NZDSEK	9:30:00 AM	6.3225	6.3261			N/A
3/19/2019	NZDSEK	11:30:00 AM	6.3239	6.3308			N/A
3/19/2019	NZDSEK	1:30:00 PM	6.3127	6.3189			N/A
3/19/2019	NZDSEK	3:30:00 PM	6.3152	6.3204			N/A
3/20/2019	NZDSEK	9:30:00 AM	6.2923	6.2985			N/A
3/20/2019	NZDSEK	11:30:00 AM					N/A
3/20/2019	NZDSEK	1:30:00 PM	6.2857	6.2926			N/A
3/20/2019	NZDSEK	3:30:00 PM	6.2876	6.2945			N/A
3/21/2019	NZDSEK	9:30:00 AM	6.3086	6.3147			N/A
3/21/2019	NZDSEK	11:30:00 AM	6.3141	6.32			N/A
3/21/2019	NZDSEK	1:30:00 PM	6.3093	6.3157			N/A
3/21/2019	NZDSEK	3:30:00 PM	6.3056	6.3123			N/A
3/22/2019	NZDSEK	9:30:00 AM	6.3123	6.3191			N/A
3/22/2019	NZDSEK	11:30:00 AM					N/A
3/22/2019	NZDSEK	1:30:00 PM	6.359	6.3658			N/A

3/22/2019	NZDSEK	3:30:00 PM	6.3697	6.3765			N/A
3/25/2019	NZDSEK	9:30:00 AM	6.364	6.3688			N/A
3/25/2019	NZDSEK	11:30:00 AM	6.3432	6.3501			N/A
3/25/2019	NZDSEK	1:30:00 PM	6.3464	6.3518			N/A
3/25/2019	NZDSEK	3:30:00 PM	6.3612	6.3652			N/A
3/26/2019	NZDSEK	9:30:00 AM	6.3759	6.3826			N/A
3/26/2019	NZDSEK	11:30:00 AM					N/A
3/26/2019	NZDSEK	1:30:00 PM	6.3631	6.3691			N/A
3/26/2019	NZDSEK	3:30:00 PM	6.3707	6.3767			N/A
3/27/2019	NZDSEK	9:30:00 AM	6.3039	6.3097			N/A
3/27/2019	NZDSEK	11:30:00 AM	6.2862	6.291			N/A
3/27/2019	NZDSEK	1:30:00 PM	6.2893	6.2947			N/A
3/27/2019	NZDSEK	3:30:00 PM	6.2904	6.2957			N/A
3/28/2019	NZDSEK	9:30:00 AM	6.3269	6.3331			N/A
3/28/2019	NZDSEK	11:30:00 AM					N/A
3/28/2019	NZDSEK	1:30:00 PM	6.355	6.3602			N/A
3/28/2019	NZDSEK	3:30:00 PM	6.3354	6.339			N/A
3/29/2019	NZDSEK	9:30:00 AM	6.3045	6.3114			N/A
3/29/2019	NZDSEK	11:30:00 AM	6.2997	6.3031			N/A
3/29/2019	NZDSEK	1:30:00 PM	6.2897	6.2966			N/A
3/29/2019	NZDSEK	3:30:00 PM	6.2956	6.3006			N/A
1/1/2019	NZDSGD	9:30:00 AM					N/A
1/1/2019	NZDSGD	11:30:00 AM					N/A
1/1/2019	NZDSGD	1:30:00 PM					N/A
1/1/2019	NZDSGD	3:30:00 PM					N/A
1/2/2019	NZDSGD	9:30:00 AM					N/A
1/2/2019	NZDSGD	11:30:00 AM					N/A
1/2/2019	NZDSGD	1:30:00 PM					N/A
1/2/2019	NZDSGD	3:30:00 PM					N/A
1/3/2019	NZDSGD	9:30:00 AM					N/A
1/3/2019	NZDSGD	11:30:00 AM					N/A
1/3/2019	NZDSGD	1:30:00 PM					N/A
1/3/2019	NZDSGD	3:30:00 PM					N/A
1/4/2019	NZDSGD	9:30:00 AM					N/A
1/4/2019	NZDSGD	11:30:00 AM					N/A
1/4/2019	NZDSGD	1:30:00 PM					N/A
1/4/2019	NZDSGD	3:30:00 PM					N/A
1/7/2019	NZDSGD	9:30:00 AM	0.9155	0.916			N/A
1/7/2019	NZDSGD	11:30:00 AM					N/A
1/7/2019	NZDSGD	1:30:00 PM	0.9171	0.9178			N/A
1/7/2019	NZDSGD	3:30:00 PM	0.9174	0.918			N/A
1/8/2019	NZDSGD	9:30:00 AM	0.9151	0.9154			N/A
1/8/2019	NZDSGD	11:30:00 AM	0.9156	0.916			N/A
1/8/2019	NZDSGD	1:30:00 PM	0.9148	0.9153			N/A
1/8/2019	NZDSGD	3:30:00 PM	0.9131	0.9136			N/A
1/9/2019	NZDSGD	9:30:00 AM	0.9166	0.917			N/A
1/9/2019	NZDSGD	11:30:00 AM					N/A
1/9/2019	NZDSGD	1:30:00 PM	0.9189	0.9192			N/A
1/9/2019	NZDSGD	3:30:00 PM	0.9191	0.9197			N/A
1/10/2019	NZDSGD	9:30:00 AM	0.9165	0.917			N/A

1/10/2019	NZDSGD	11:30:00 AM	0.9166	0.9169			N/A
1/10/2019	NZDSGD	1:30:00 PM	0.9164	0.917			N/A
1/10/2019	NZDSGD	3:30:00 PM	0.9174	0.918			N/A
1/11/2019	NZDSGD	9:30:00 AM	0.922	0.9225			N/A
1/11/2019	NZDSGD	11:30:00 AM					N/A
1/11/2019	NZDSGD	1:30:00 PM	0.9233	0.9236			N/A
1/11/2019	NZDSGD	3:30:00 PM	0.9234	0.9238			N/A
1/14/2019	NZDSGD	9:30:00 AM	0.9206	0.9211			N/A
1/14/2019	NZDSGD	11:30:00 AM	0.9221	0.9227			N/A
1/14/2019	NZDSGD	1:30:00 PM	0.9232	0.9237			N/A
1/14/2019	NZDSGD	3:30:00 PM	0.9236	0.924			N/A
1/15/2019	NZDSGD	9:30:00 AM	0.925	0.9255			N/A
1/15/2019	NZDSGD	11:30:00 AM					N/A
1/15/2019	NZDSGD	1:30:00 PM	0.9236	0.9242			N/A
1/15/2019	NZDSGD	3:30:00 PM	0.9232	0.9237			N/A
1/16/2019	NZDSGD	9:30:00 AM	0.9239	0.9245			N/A
1/16/2019	NZDSGD	11:30:00 AM	0.9213	0.9218			N/A
1/16/2019	NZDSGD	1:30:00 PM	0.9165	0.9169			N/A
1/16/2019	NZDSGD	3:30:00 PM	0.9178	0.9183			N/A
1/17/2019	NZDSGD	9:30:00 AM	0.9138	0.9142			N/A
1/17/2019	NZDSGD	11:30:00 AM					N/A
1/17/2019	NZDSGD	1:30:00 PM	0.9134	0.9139			N/A
1/17/2019	NZDSGD	3:30:00 PM	0.914	0.9145			N/A
1/18/2019	NZDSGD	9:30:00 AM	0.9175	0.918			N/A
1/18/2019	NZDSGD	11:30:00 AM	0.9161	0.9167			N/A
1/18/2019	NZDSGD	1:30:00 PM	0.9176	0.9183			N/A
1/18/2019	NZDSGD	3:30:00 PM	0.9181	0.9186			N/A
1/21/2019	NZDSGD	9:30:00 AM	0.9144	0.9148			N/A
1/21/2019	NZDSGD	11:30:00 AM					N/A
1/21/2019	NZDSGD	1:30:00 PM	0.9144	0.915			N/A
1/21/2019	NZDSGD	3:30:00 PM	0.9141	0.9146			N/A
1/22/2019	NZDSGD	9:30:00 AM	0.914	0.9143			N/A
1/22/2019	NZDSGD	11:30:00 AM	0.9132	0.9138			N/A
1/22/2019	NZDSGD	1:30:00 PM	0.913	0.9135			N/A
1/22/2019	NZDSGD	3:30:00 PM	0.9145	0.915			N/A
1/23/2019	NZDSGD	9:30:00 AM	0.9218	0.9224			N/A
1/23/2019	NZDSGD	11:30:00 AM					N/A
1/23/2019	NZDSGD	1:30:00 PM	0.9234	0.924			N/A
1/23/2019	NZDSGD	3:30:00 PM	0.9221	0.9225			N/A
1/24/2019	NZDSGD	9:30:00 AM	0.9208	0.9214			N/A
1/24/2019	NZDSGD	11:30:00 AM	0.9212	0.9217			N/A
1/24/2019	NZDSGD	1:30:00 PM	0.9206	0.9211			N/A
1/24/2019	NZDSGD	3:30:00 PM	0.9218	0.9223			N/A
1/25/2019	NZDSGD	9:30:00 AM	0.9197	0.9201			N/A
1/25/2019	NZDSGD	11:30:00 AM					N/A
1/25/2019	NZDSGD	1:30:00 PM	0.919	0.9195			N/A
1/25/2019	NZDSGD	3:30:00 PM	0.9209	0.9216			N/A
1/28/2019	NZDSGD	9:30:00 AM	0.9277	0.9282			N/A
1/28/2019	NZDSGD	11:30:00 AM	0.9266	0.9271			N/A
1/28/2019	NZDSGD	1:30:00 PM	0.9265	0.9271			N/A

1/28/2019	NZDSGD	3:30:00 PM	0.9257	0.9263			N/A
1/29/2019	NZDSGD	9:30:00 AM	0.9265	0.927			N/A
1/29/2019	NZDSGD	11:30:00 AM					N/A
1/29/2019	NZDSGD	1:30:00 PM	0.9251	0.9257			N/A
1/29/2019	NZDSGD	3:30:00 PM	0.925	0.9254			N/A
1/30/2019	NZDSGD	9:30:00 AM	0.9252	0.9258			N/A
1/30/2019	NZDSGD	11:30:00 AM	0.9237	0.9241			N/A
1/30/2019	NZDSGD	1:30:00 PM	0.9238	0.9239			N/A
1/30/2019	NZDSGD	3:30:00 PM	0.9222	0.9229			N/A
1/31/2019	NZDSGD	9:30:00 AM	0.9302	0.9304			N/A
1/31/2019	NZDSGD	11:30:00 AM					N/A
1/31/2019	NZDSGD	1:30:00 PM	0.9299	0.93			N/A
1/31/2019	NZDSGD	3:30:00 PM	0.9314	0.9317			N/A
2/1/2019	NZDSGD	9:30:00 AM	0.9316	0.9322			N/A
2/1/2019	NZDSGD	11:30:00 AM	0.9328	0.9332			N/A
2/1/2019	NZDSGD	1:30:00 PM	0.9333	0.934			N/A
2/1/2019	NZDSGD	3:30:00 PM	0.9347	0.9338			N/A
2/4/2019	NZDSGD	9:30:00 AM	0.9328	0.9334			N/A
2/4/2019	NZDSGD	11:30:00 AM					N/A
2/4/2019	NZDSGD	1:30:00 PM	0.9314	0.9319			N/A
2/4/2019	NZDSGD	3:30:00 PM	0.9309	0.9313			N/A
2/5/2019	NZDSGD	9:30:00 AM	0.9322	0.9327			N/A
2/5/2019	NZDSGD	11:30:00 AM	0.9313	0.9319			N/A
2/5/2019	NZDSGD	1:30:00 PM	0.9323	0.9327			N/A
2/5/2019	NZDSGD	3:30:00 PM	0.9328	0.9333			N/A
2/6/2019	NZDSGD	9:30:00 AM	0.9285	0.9289			N/A
2/6/2019	NZDSGD	11:30:00 AM					N/A
2/6/2019	NZDSGD	1:30:00 PM	0.9275	0.928			N/A
2/6/2019	NZDSGD	3:30:00 PM	0.9276	0.9283			N/A
2/7/2019	NZDSGD	9:30:00 AM	0.9148	0.9154			N/A
2/7/2019	NZDSGD	11:30:00 AM	0.9158	0.9164			N/A
2/7/2019	NZDSGD	1:30:00 PM	0.916	0.9166			N/A
2/7/2019	NZDSGD	3:30:00 PM	0.9162	0.9167			N/A
2/8/2019	NZDSGD	9:30:00 AM	0.9162	0.9168			N/A
2/8/2019	NZDSGD	11:30:00 AM					N/A
2/8/2019	NZDSGD	1:30:00 PM	0.9147	0.9153			N/A
2/8/2019	NZDSGD	3:30:00 PM	0.915	0.9155			N/A
2/11/2019	NZDSGD	9:30:00 AM	0.9175	0.9182			N/A
2/11/2019	NZDSGD	11:30:00 AM	0.9162	0.9168			N/A
2/11/2019	NZDSGD	1:30:00 PM	0.9165	0.9171			N/A
2/11/2019	NZDSGD	3:30:00 PM	0.9162	0.9166			N/A
2/12/2019	NZDSGD	9:30:00 AM	0.9144	0.9151			N/A
2/12/2019	NZDSGD	11:30:00 AM					N/A
2/12/2019	NZDSGD	1:30:00 PM	0.9139	0.9144			N/A
2/12/2019	NZDSGD	3:30:00 PM	0.9143	0.9149			N/A
2/13/2019	NZDSGD	9:30:00 AM	0.9266	0.9271			N/A
2/13/2019	NZDSGD	11:30:00 AM	0.9247	0.9252			N/A
2/13/2019	NZDSGD	1:30:00 PM	0.924	0.9245			N/A
2/13/2019	NZDSGD	3:30:00 PM	0.9244	0.9243			N/A
2/14/2019	NZDSGD	9:30:00 AM	0.928	0.9286			N/A

2/14/2019	NZDSGD	11:30:00 AM					N/A
2/14/2019	NZDSGD	1:30:00 PM	0.9279	0.9284			N/A
2/14/2019	NZDSGD	3:30:00 PM	0.9297	0.93			N/A
2/15/2019	NZDSGD	9:30:00 AM					N/A
2/15/2019	NZDSGD	11:30:00 AM					N/A
2/15/2019	NZDSGD	1:30:00 PM					N/A
2/15/2019	NZDSGD	3:30:00 PM					N/A
2/18/2019	NZDSGD	9:30:00 AM	0.9314	0.932			N/A
2/18/2019	NZDSGD	11:30:00 AM					N/A
2/18/2019	NZDSGD	1:30:00 PM	0.9313	0.9319			N/A
2/18/2019	NZDSGD	3:30:00 PM	0.9323	0.9329			N/A
2/19/2019	NZDSGD	9:30:00 AM	0.9278	0.9284			N/A
2/19/2019	NZDSGD	11:30:00 AM	0.9262	0.9267			N/A
2/19/2019	NZDSGD	1:30:00 PM	0.9253	0.9259			N/A
2/19/2019	NZDSGD	3:30:00 PM	0.9261	0.9266			N/A
2/20/2019	NZDSGD	9:30:00 AM	0.9284	0.9289			N/A
2/20/2019	NZDSGD	11:30:00 AM					N/A
2/20/2019	NZDSGD	1:30:00 PM	0.9272	0.9277			N/A
2/20/2019	NZDSGD	3:30:00 PM	0.9282	0.9287			N/A
2/21/2019	NZDSGD	9:30:00 AM	0.9227	0.9229			N/A
2/21/2019	NZDSGD	11:30:00 AM	0.9222	0.9228			N/A
2/21/2019	NZDSGD	1:30:00 PM	0.9219	0.9225			N/A
2/21/2019	NZDSGD	3:30:00 PM	0.9225	0.9227			N/A
2/22/2019	NZDSGD	9:30:00 AM	0.9192	0.9196			N/A
2/22/2019	NZDSGD	11:30:00 AM					N/A
2/22/2019	NZDSGD	1:30:00 PM	0.9203	0.9208			N/A
2/22/2019	NZDSGD	3:30:00 PM	0.9218	0.9224			N/A
2/25/2019	NZDSGD	9:30:00 AM	0.9271	0.9276			N/A
2/25/2019	NZDSGD	11:30:00 AM	0.9283	0.9286			N/A
2/25/2019	NZDSGD	1:30:00 PM	0.93	0.9306			N/A
2/25/2019	NZDSGD	3:30:00 PM	0.93	0.9304			N/A
2/26/2019	NZDSGD	9:30:00 AM	0.9288	0.9295			N/A
2/26/2019	NZDSGD	11:30:00 AM					N/A
2/26/2019	NZDSGD	1:30:00 PM	0.9279	0.9281			N/A
2/26/2019	NZDSGD	3:30:00 PM	0.9282	0.9286			N/A
2/27/2019	NZDSGD	9:30:00 AM	0.929	0.9295			N/A
2/27/2019	NZDSGD	11:30:00 AM	0.9263	0.9268			N/A
2/27/2019	NZDSGD	1:30:00 PM	0.9253	0.9259			N/A
2/27/2019	NZDSGD	3:30:00 PM	0.9251	0.9256			N/A
2/28/2019	NZDSGD	9:30:00 AM	0.9232	0.9236			N/A
2/28/2019	NZDSGD	11:30:00 AM					N/A
2/28/2019	NZDSGD	1:30:00 PM	0.922	0.9225			N/A
2/28/2019	NZDSGD	3:30:00 PM	0.9218	0.9215			N/A
3/1/2019	NZDSGD	9:30:00 AM	0.9222	0.9227			N/A
3/1/2019	NZDSGD	11:30:00 AM	0.9218	0.9223			N/A
3/1/2019	NZDSGD	1:30:00 PM	0.9233	0.9238			N/A
3/1/2019	NZDSGD	3:30:00 PM	0.9237	0.9243			N/A
3/4/2019	NZDSGD	9:30:00 AM	0.9216	0.9221			N/A
3/4/2019	NZDSGD	11:30:00 AM					N/A
3/4/2019	NZDSGD	1:30:00 PM	0.922	0.9225			N/A

3/4/2019	NZDSGD	3:30:00 PM	0.922	0.9226			N/A
3/5/2019	NZDSGD	9:30:00 AM	0.9199	0.9206			N/A
3/5/2019	NZDSGD	11:30:00 AM	0.9207	0.9212			N/A
3/5/2019	NZDSGD	1:30:00 PM	0.9204	0.9209			N/A
3/5/2019	NZDSGD	3:30:00 PM	0.9205	0.9209			N/A
3/6/2019	NZDSGD	9:30:00 AM	0.9194	0.9199			N/A
3/6/2019	NZDSGD	11:30:00 AM					N/A
3/6/2019	NZDSGD	1:30:00 PM	0.92	0.9205			N/A
3/6/2019	NZDSGD	3:30:00 PM	0.9198	0.9203			N/A
3/7/2019	NZDSGD	9:30:00 AM	0.9204	0.921			N/A
3/7/2019	NZDSGD	11:30:00 AM	0.9201	0.9207			N/A
3/7/2019	NZDSGD	1:30:00 PM	0.9211	0.9216			N/A
3/7/2019	NZDSGD	3:30:00 PM	0.9202	0.9205			N/A
3/8/2019	NZDSGD	9:30:00 AM	0.9193	0.9199			N/A
3/8/2019	NZDSGD	11:30:00 AM					N/A
3/8/2019	NZDSGD	1:30:00 PM	0.9231	0.9237			N/A
3/8/2019	NZDSGD	3:30:00 PM	0.9247	0.9241			N/A
3/11/2019	NZDSGD	9:30:00 AM	0.9246	0.9252			N/A
3/11/2019	NZDSGD	11:30:00 AM	0.926	0.9266			N/A
3/11/2019	NZDSGD	1:30:00 PM	0.9253	0.9259			N/A
3/11/2019	NZDSGD	3:30:00 PM	0.927	0.9273			N/A
3/12/2019	NZDSGD	9:30:00 AM	0.928	0.9285			N/A
3/12/2019	NZDSGD	11:30:00 AM					N/A
3/12/2019	NZDSGD	1:30:00 PM	0.9283	0.9288			N/A
3/12/2019	NZDSGD	3:30:00 PM	0.9302	0.9307			N/A
3/13/2019	NZDSGD	9:30:00 AM	0.9268	0.9273			N/A
3/13/2019	NZDSGD	11:30:00 AM	0.9275	0.928			N/A
3/13/2019	NZDSGD	1:30:00 PM	0.9273	0.9278			N/A
3/13/2019	NZDSGD	3:30:00 PM	0.9263	0.9268			N/A
3/14/2019	NZDSGD	9:30:00 AM	0.9267	0.9273			N/A
3/14/2019	NZDSGD	11:30:00 AM					N/A
3/14/2019	NZDSGD	1:30:00 PM	0.9245	0.925			N/A
3/14/2019	NZDSGD	3:30:00 PM	0.9243	0.9247			N/A
3/15/2019	NZDSGD	9:30:00 AM	0.9275	0.9279			N/A
3/15/2019	NZDSGD	11:30:00 AM	0.9273	0.9279			N/A
3/15/2019	NZDSGD	1:30:00 PM	0.9265	0.927			N/A
3/15/2019	NZDSGD	3:30:00 PM	0.9263	0.9268			N/A
3/18/2019	NZDSGD	9:30:00 AM	0.928	0.9286			N/A
3/18/2019	NZDSGD	11:30:00 AM					N/A
3/18/2019	NZDSGD	1:30:00 PM	0.928	0.9286			N/A
3/18/2019	NZDSGD	3:30:00 PM	0.927	0.9275			N/A
3/19/2019	NZDSGD	9:30:00 AM	0.926	0.9265			N/A
3/19/2019	NZDSGD	11:30:00 AM	0.9262	0.9268			N/A
3/19/2019	NZDSGD	1:30:00 PM	0.9264	0.927			N/A
3/19/2019	NZDSGD	3:30:00 PM	0.9276	0.928			N/A
3/20/2019	NZDSGD	9:30:00 AM	0.9242	0.9247			N/A
3/20/2019	NZDSGD	11:30:00 AM					N/A
3/20/2019	NZDSGD	1:30:00 PM	0.9244	0.9244			N/A
3/20/2019	NZDSGD	3:30:00 PM	0.9253	0.9259			N/A
3/21/2019	NZDSGD	9:30:00 AM	0.9323	0.9329			N/A

3/21/2019	NZDSGD	11:30:00 AM	0.9317	0.9321			N/A
3/21/2019	NZDSGD	1:30:00 PM	0.9298	0.9304			N/A
3/21/2019	NZDSGD	3:30:00 PM	0.9294	0.9298			N/A
3/22/2019	NZDSGD	9:30:00 AM	0.9298	0.9303			N/A
3/22/2019	NZDSGD	11:30:00 AM					N/A
3/22/2019	NZDSGD	1:30:00 PM	0.9282	0.9287			N/A
3/22/2019	NZDSGD	3:30:00 PM	0.9292	0.9298			N/A
3/25/2019	NZDSGD	9:30:00 AM	0.9296	0.9301			N/A
3/25/2019	NZDSGD	11:30:00 AM	0.9292	0.9297			N/A
3/25/2019	NZDSGD	1:30:00 PM	0.9291	0.9297			N/A
3/25/2019	NZDSGD	3:30:00 PM	0.9309	0.9313			N/A
3/26/2019	NZDSGD	9:30:00 AM	0.9317	0.9323			N/A
3/26/2019	NZDSGD	11:30:00 AM					N/A
3/26/2019	NZDSGD	1:30:00 PM	0.9321	0.9326			N/A
3/26/2019	NZDSGD	3:30:00 PM	0.933	0.9334			N/A
3/27/2019	NZDSGD	9:30:00 AM	0.9217	0.9221			N/A
3/27/2019	NZDSGD	11:30:00 AM	0.9219	0.9225			N/A
3/27/2019	NZDSGD	1:30:00 PM	0.9214	0.922			N/A
3/27/2019	NZDSGD	3:30:00 PM	0.9217	0.9217			N/A
3/28/2019	NZDSGD	9:30:00 AM	0.9244	0.9249			N/A
3/28/2019	NZDSGD	11:30:00 AM					N/A
3/28/2019	NZDSGD	1:30:00 PM	0.9228	0.9233			N/A
3/28/2019	NZDSGD	3:30:00 PM	0.922	0.9223			N/A
3/29/2019	NZDSGD	9:30:00 AM	0.9207	0.9213			N/A
3/29/2019	NZDSGD	11:30:00 AM	0.9207	0.9214			N/A
3/29/2019	NZDSGD	1:30:00 PM	0.9208	0.9215			N/A
3/29/2019	NZDSGD	3:30:00 PM	0.9217	0.9221			N/A
1/1/2019	NZDUSD	9:30:00 AM					N/A
1/1/2019	NZDUSD	11:30:00 AM					N/A
1/1/2019	NZDUSD	1:30:00 PM					N/A
1/1/2019	NZDUSD	3:30:00 PM					N/A
1/2/2019	NZDUSD	9:30:00 AM					N/A
1/2/2019	NZDUSD	11:30:00 AM					N/A
1/2/2019	NZDUSD	1:30:00 PM					N/A
1/2/2019	NZDUSD	3:30:00 PM					N/A
1/3/2019	NZDUSD	9:30:00 AM					N/A
1/3/2019	NZDUSD	11:30:00 AM					N/A
1/3/2019	NZDUSD	1:30:00 PM					N/A
1/3/2019	NZDUSD	3:30:00 PM					N/A
1/4/2019	NZDUSD	9:30:00 AM					N/A
1/4/2019	NZDUSD	11:30:00 AM					N/A
1/4/2019	NZDUSD	1:30:00 PM					N/A
1/4/2019	NZDUSD	3:30:00 PM					N/A
1/7/2019	NZDUSD	9:30:00 AM	0.67458	0.67458			N/A
1/7/2019	NZDUSD	11:30:00 AM					N/A
1/7/2019	NZDUSD	1:30:00 PM	0.67556	0.6757			N/A
1/7/2019	NZDUSD	3:30:00 PM	0.6764	0.6765			N/A
1/8/2019	NZDUSD	9:30:00 AM	0.67392	0.67371			N/A
1/8/2019	NZDUSD	11:30:00 AM	0.67428	0.67422			N/A
1/8/2019	NZDUSD	1:30:00 PM	0.67329	0.67334			N/A

1/8/2019	NZDUSD	3:30:00 PM	0.67202	0.67201			N/A
1/9/2019	NZDUSD	9:30:00 AM	0.67562	0.67571			N/A
1/9/2019	NZDUSD	11:30:00 AM					N/A
1/9/2019	NZDUSD	1:30:00 PM	0.67729	0.67721			N/A
1/9/2019	NZDUSD	3:30:00 PM	0.6778	0.6779			N/A
1/10/2019	NZDUSD	9:30:00 AM	0.67849	0.67854			N/A
1/10/2019	NZDUSD	11:30:00 AM	0.67803	0.67795			N/A
1/10/2019	NZDUSD	1:30:00 PM	0.67825	0.67836			N/A
1/10/2019	NZDUSD	3:30:00 PM	0.67904	0.67914			N/A
1/11/2019	NZDUSD	9:30:00 AM	0.6826	0.68265			N/A
1/11/2019	NZDUSD	11:30:00 AM					N/A
1/11/2019	NZDUSD	1:30:00 PM	0.68347	0.68345			N/A
1/11/2019	NZDUSD	3:30:00 PM	0.68363	0.68328			N/A
1/14/2019	NZDUSD	9:30:00 AM	0.67986	0.67993			N/A
1/14/2019	NZDUSD	11:30:00 AM	0.68096	0.68098			N/A
1/14/2019	NZDUSD	1:30:00 PM	0.68174	0.68175			N/A
1/14/2019	NZDUSD	3:30:00 PM	0.68189	0.68186			N/A
1/15/2019	NZDUSD	9:30:00 AM	0.68432	0.68433			N/A
1/15/2019	NZDUSD	11:30:00 AM					N/A
1/15/2019	NZDUSD	1:30:00 PM	0.68238	0.68248			N/A
1/15/2019	NZDUSD	3:30:00 PM	0.68162	0.68148			N/A
1/16/2019	NZDUSD	9:30:00 AM	0.68239	0.68246			N/A
1/16/2019	NZDUSD	11:30:00 AM	0.68021	0.6803			N/A
1/16/2019	NZDUSD	1:30:00 PM	0.67622	0.67607			N/A
1/16/2019	NZDUSD	3:30:00 PM	0.67709	0.67709			N/A
1/17/2019	NZDUSD	9:30:00 AM	0.67348	0.67339			N/A
1/17/2019	NZDUSD	11:30:00 AM					N/A
1/17/2019	NZDUSD	1:30:00 PM	0.67362	0.67364			N/A
1/17/2019	NZDUSD	3:30:00 PM	0.67407	0.67409			N/A
1/18/2019	NZDUSD	9:30:00 AM	0.67666	0.67675			N/A
1/18/2019	NZDUSD	11:30:00 AM	0.6753	0.6754			N/A
1/18/2019	NZDUSD	1:30:00 PM	0.67683	0.67697			N/A
1/18/2019	NZDUSD	3:30:00 PM	0.67716	0.67713			N/A
1/21/2019	NZDUSD	9:30:00 AM	0.67314	0.67312			N/A
1/21/2019	NZDUSD	11:30:00 AM					N/A
1/21/2019	NZDUSD	1:30:00 PM	0.6726	0.6727			N/A
1/21/2019	NZDUSD	3:30:00 PM	0.67197	0.672			N/A
1/22/2019	NZDUSD	9:30:00 AM	0.67161	0.67137			N/A
1/22/2019	NZDUSD	11:30:00 AM	0.67116	0.67128			N/A
1/22/2019	NZDUSD	1:30:00 PM	0.67098	0.67096			N/A
1/22/2019	NZDUSD	3:30:00 PM	0.67197	0.67197			N/A
1/23/2019	NZDUSD	9:30:00 AM	0.67821	0.67829			N/A
1/23/2019	NZDUSD	11:30:00 AM					N/A
1/23/2019	NZDUSD	1:30:00 PM	0.67929	0.67943			N/A
1/23/2019	NZDUSD	3:30:00 PM	0.67836	0.67836			N/A
1/24/2019	NZDUSD	9:30:00 AM	0.67733	0.67737			N/A
1/24/2019	NZDUSD	11:30:00 AM	0.67692	0.67698			N/A
1/24/2019	NZDUSD	1:30:00 PM	0.67672	0.67683			N/A
1/24/2019	NZDUSD	3:30:00 PM	0.6775	0.67761			N/A
1/25/2019	NZDUSD	9:30:00 AM	0.67732	0.6773			N/A

1/25/2019	NZDUSD	11:30:00 AM					N/A
1/25/2019	NZDUSD	1:30:00 PM	0.67755	0.67759			N/A
1/25/2019	NZDUSD	3:30:00 PM	0.679	0.67915			N/A
1/28/2019	NZDUSD	9:30:00 AM	0.68587	0.68586			N/A
1/28/2019	NZDUSD	11:30:00 AM	0.68477	0.68476			N/A
1/28/2019	NZDUSD	1:30:00 PM	0.68477	0.68483			N/A
1/28/2019	NZDUSD	3:30:00 PM	0.68405	0.68417			N/A
1/29/2019	NZDUSD	9:30:00 AM	0.68505	0.68509			N/A
1/29/2019	NZDUSD	11:30:00 AM					N/A
1/29/2019	NZDUSD	1:30:00 PM	0.68414	0.6842			N/A
1/29/2019	NZDUSD	3:30:00 PM	0.68411	0.68416			N/A
1/30/2019	NZDUSD	9:30:00 AM	0.68471	0.68479			N/A
1/30/2019	NZDUSD	11:30:00 AM	0.68374	0.68391			N/A
1/30/2019	NZDUSD	1:30:00 PM	0.684	0.68415			N/A
1/30/2019	NZDUSD	3:30:00 PM	0.68262	0.6827			N/A
1/31/2019	NZDUSD	9:30:00 AM	0.69181	0.69172			N/A
1/31/2019	NZDUSD	11:30:00 AM					N/A
1/31/2019	NZDUSD	1:30:00 PM	0.69113	0.6913			N/A
1/31/2019	NZDUSD	3:30:00 PM	0.6926	0.69228			N/A
2/1/2019	NZDUSD	9:30:00 AM	0.69052	0.69066			N/A
2/1/2019	NZDUSD	11:30:00 AM	0.6916	0.69159			N/A
2/1/2019	NZDUSD	1:30:00 PM	0.69221	0.6924			N/A
2/1/2019	NZDUSD	3:30:00 PM	0.69313	0.69169			N/A
2/4/2019	NZDUSD	9:30:00 AM	0.68952	0.68958			N/A
2/4/2019	NZDUSD	11:30:00 AM					N/A
2/4/2019	NZDUSD	1:30:00 PM	0.68864	0.68867			N/A
2/4/2019	NZDUSD	3:30:00 PM	0.68806	0.6881			N/A
2/5/2019	NZDUSD	9:30:00 AM	0.68992	0.69001			N/A
2/5/2019	NZDUSD	11:30:00 AM	0.6886	0.6887			N/A
2/5/2019	NZDUSD	1:30:00 PM	0.68933	0.68924			N/A
2/5/2019	NZDUSD	3:30:00 PM	0.69008	0.69005			N/A
2/6/2019	NZDUSD	9:30:00 AM	0.68581	0.68575			N/A
2/6/2019	NZDUSD	11:30:00 AM					N/A
2/6/2019	NZDUSD	1:30:00 PM	0.68505	0.68516			N/A
2/6/2019	NZDUSD	3:30:00 PM	0.68534	0.68541			N/A
2/7/2019	NZDUSD	9:30:00 AM	0.67508	0.67516			N/A
2/7/2019	NZDUSD	11:30:00 AM	0.67524	0.67537			N/A
2/7/2019	NZDUSD	1:30:00 PM	0.67522	0.67529			N/A
2/7/2019	NZDUSD	3:30:00 PM	0.67549	0.67558			N/A
2/8/2019	NZDUSD	9:30:00 AM	0.67562	0.6757			N/A
2/8/2019	NZDUSD	11:30:00 AM					N/A
2/8/2019	NZDUSD	1:30:00 PM	0.67471	0.67488			N/A
2/8/2019	NZDUSD	3:30:00 PM	0.67542	0.67538			N/A
2/11/2019	NZDUSD	9:30:00 AM	0.67651	0.67667			N/A
2/11/2019	NZDUSD	11:30:00 AM	0.67486	0.67492			N/A
2/11/2019	NZDUSD	1:30:00 PM	0.67499	0.67506			N/A
2/11/2019	NZDUSD	3:30:00 PM	0.67439	0.67438			N/A
2/12/2019	NZDUSD	9:30:00 AM	0.6732	0.67331			N/A
2/12/2019	NZDUSD	11:30:00 AM					N/A
2/12/2019	NZDUSD	1:30:00 PM	0.67315	0.6732			N/A

2/12/2019	NZDUSD	3:30:00 PM	0.67361	0.6737			N/A
2/13/2019	NZDUSD	9:30:00 AM	0.68375	0.68376			N/A
2/13/2019	NZDUSD	11:30:00 AM	0.68212	0.68219			N/A
2/13/2019	NZDUSD	1:30:00 PM	0.68144	0.68162			N/A
2/13/2019	NZDUSD	3:30:00 PM	0.68134	0.6809			N/A
2/14/2019	NZDUSD	9:30:00 AM	0.68409	0.68411			N/A
2/14/2019	NZDUSD	11:30:00 AM					N/A
2/14/2019	NZDUSD	1:30:00 PM	0.6831	0.68316			N/A
2/14/2019	NZDUSD	3:30:00 PM	0.68453	0.68424			N/A
2/15/2019	NZDUSD	9:30:00 AM					N/A
2/15/2019	NZDUSD	11:30:00 AM					N/A
2/15/2019	NZDUSD	1:30:00 PM					N/A
2/15/2019	NZDUSD	3:30:00 PM					N/A
2/18/2019	NZDUSD	9:30:00 AM	0.68725	0.68736			N/A
2/18/2019	NZDUSD	11:30:00 AM					N/A
2/18/2019	NZDUSD	1:30:00 PM	0.68708	0.6872			N/A
2/18/2019	NZDUSD	3:30:00 PM	0.68771	0.68778			N/A
2/19/2019	NZDUSD	9:30:00 AM	0.68367	0.6838			N/A
2/19/2019	NZDUSD	11:30:00 AM	0.68272	0.68278			N/A
2/19/2019	NZDUSD	1:30:00 PM	0.68194	0.6821			N/A
2/19/2019	NZDUSD	3:30:00 PM	0.68263	0.68272			N/A
2/20/2019	NZDUSD	9:30:00 AM	0.68646	0.6865			N/A
2/20/2019	NZDUSD	11:30:00 AM					N/A
2/20/2019	NZDUSD	1:30:00 PM	0.6859	0.686			N/A
2/20/2019	NZDUSD	3:30:00 PM	0.68667	0.68671			N/A
2/21/2019	NZDUSD	9:30:00 AM	0.68248	0.68207			N/A
2/21/2019	NZDUSD	11:30:00 AM	0.68163	0.68168			N/A
2/21/2019	NZDUSD	1:30:00 PM	0.68153	0.68161			N/A
2/21/2019	NZDUSD	3:30:00 PM	0.68252	0.68213			N/A
2/22/2019	NZDUSD	9:30:00 AM	0.67957	0.6795			N/A
2/22/2019	NZDUSD	11:30:00 AM					N/A
2/22/2019	NZDUSD	1:30:00 PM	0.68063	0.68072			N/A
2/22/2019	NZDUSD	3:30:00 PM	0.68178	0.68184			N/A
2/25/2019	NZDUSD	9:30:00 AM	0.68649	0.68656			N/A
2/25/2019	NZDUSD	11:30:00 AM	0.68772	0.68786			N/A
2/25/2019	NZDUSD	1:30:00 PM	0.68955	0.68963			N/A
2/25/2019	NZDUSD	3:30:00 PM	0.68902	0.68899			N/A
2/26/2019	NZDUSD	9:30:00 AM	0.68837	0.68839			N/A
2/26/2019	NZDUSD	11:30:00 AM					N/A
2/26/2019	NZDUSD	1:30:00 PM	0.68752	0.68769			N/A
2/26/2019	NZDUSD	3:30:00 PM	0.68801	0.68788			N/A
2/27/2019	NZDUSD	9:30:00 AM	0.6892	0.68923			N/A
2/27/2019	NZDUSD	11:30:00 AM	0.68753	0.6876			N/A
2/27/2019	NZDUSD	1:30:00 PM	0.68674	0.68682			N/A
2/27/2019	NZDUSD	3:30:00 PM	0.68642	0.68648			N/A
2/28/2019	NZDUSD	9:30:00 AM	0.68439	0.68435			N/A
2/28/2019	NZDUSD	11:30:00 AM					N/A
2/28/2019	NZDUSD	1:30:00 PM	0.68384	0.68388			N/A
2/28/2019	NZDUSD	3:30:00 PM	0.68347	0.68296			N/A
3/1/2019	NZDUSD	9:30:00 AM	0.68186	0.68198			N/A

3/1/2019	NZDUSD	11:30:00 AM	0.68144	0.6815			N/A
3/1/2019	NZDUSD	1:30:00 PM	0.68272	0.68278			N/A
3/1/2019	NZDUSD	3:30:00 PM	0.6829	0.68297			N/A
3/4/2019	NZDUSD	9:30:00 AM	0.68086	0.68097			N/A
3/4/2019	NZDUSD	11:30:00 AM					N/A
3/4/2019	NZDUSD	1:30:00 PM	0.68062	0.68061			N/A
3/4/2019	NZDUSD	3:30:00 PM	0.6808	0.6809			N/A
3/5/2019	NZDUSD	9:30:00 AM	0.67896	0.67912			N/A
3/5/2019	NZDUSD	11:30:00 AM	0.67963	0.67972			N/A
3/5/2019	NZDUSD	1:30:00 PM	0.67922	0.67932			N/A
3/5/2019	NZDUSD	3:30:00 PM	0.67896	0.67897			N/A
3/6/2019	NZDUSD	9:30:00 AM	0.6774	0.67748			N/A
3/6/2019	NZDUSD	11:30:00 AM					N/A
3/6/2019	NZDUSD	1:30:00 PM	0.67766	0.67777			N/A
3/6/2019	NZDUSD	3:30:00 PM	0.67731	0.67736			N/A
3/7/2019	NZDUSD	9:30:00 AM	0.67836	0.67842			N/A
3/7/2019	NZDUSD	11:30:00 AM	0.67797	0.67811			N/A
3/7/2019	NZDUSD	1:30:00 PM	0.6788	0.67882			N/A
3/7/2019	NZDUSD	3:30:00 PM	0.6776	0.67748			N/A
3/8/2019	NZDUSD	9:30:00 AM	0.67613	0.67622			N/A
3/8/2019	NZDUSD	11:30:00 AM					N/A
3/8/2019	NZDUSD	1:30:00 PM	0.6788	0.67895			N/A
3/8/2019	NZDUSD	3:30:00 PM	0.68083	0.6795			N/A
3/11/2019	NZDUSD	9:30:00 AM	0.68055	0.68071			N/A
3/11/2019	NZDUSD	11:30:00 AM	0.68161	0.68171			N/A
3/11/2019	NZDUSD	1:30:00 PM	0.68064	0.68076			N/A
3/11/2019	NZDUSD	3:30:00 PM	0.68243	0.68232			N/A
3/12/2019	NZDUSD	9:30:00 AM	0.68422	0.68423			N/A
3/12/2019	NZDUSD	11:30:00 AM					N/A
3/12/2019	NZDUSD	1:30:00 PM	0.68401	0.68412			N/A
3/12/2019	NZDUSD	3:30:00 PM	0.68603	0.68608			N/A
3/13/2019	NZDUSD	9:30:00 AM	0.68312	0.68326			N/A
3/13/2019	NZDUSD	11:30:00 AM	0.68424	0.68437			N/A
3/13/2019	NZDUSD	1:30:00 PM	0.68388	0.68397			N/A
3/13/2019	NZDUSD	3:30:00 PM	0.68321	0.68329			N/A
3/14/2019	NZDUSD	9:30:00 AM	0.68403	0.68416			N/A
3/14/2019	NZDUSD	11:30:00 AM					N/A
3/14/2019	NZDUSD	1:30:00 PM	0.68163	0.68178			N/A
3/14/2019	NZDUSD	3:30:00 PM	0.68152	0.68153			N/A
3/15/2019	NZDUSD	9:30:00 AM	0.68496	0.68494			N/A
3/15/2019	NZDUSD	11:30:00 AM	0.6848	0.6849			N/A
3/15/2019	NZDUSD	1:30:00 PM	0.68418	0.68432			N/A
3/15/2019	NZDUSD	3:30:00 PM	0.68441	0.68429			N/A
3/18/2019	NZDUSD	9:30:00 AM	0.68682	0.68691			N/A
3/18/2019	NZDUSD	11:30:00 AM					N/A
3/18/2019	NZDUSD	1:30:00 PM	0.68683	0.68698			N/A
3/18/2019	NZDUSD	3:30:00 PM	0.68593	0.68598			N/A
3/19/2019	NZDUSD	9:30:00 AM	0.6854	0.68546			N/A
3/19/2019	NZDUSD	11:30:00 AM	0.68569	0.68581			N/A
3/19/2019	NZDUSD	1:30:00 PM	0.68594	0.68603			N/A

3/19/2019	NZDUSD	3:30:00 PM	0.68668	0.68659			N/A
3/20/2019	NZDUSD	9:30:00 AM	0.68379	0.68388			N/A
3/20/2019	NZDUSD	11:30:00 AM					N/A
3/20/2019	NZDUSD	1:30:00 PM	0.68452	0.68465			N/A
3/20/2019	NZDUSD	3:30:00 PM	0.6853	0.68536			N/A
3/21/2019	NZDUSD	9:30:00 AM	0.69268	0.6927			N/A
3/21/2019	NZDUSD	11:30:00 AM	0.69149	0.69149			N/A
3/21/2019	NZDUSD	1:30:00 PM	0.68976	0.68983			N/A
3/21/2019	NZDUSD	3:30:00 PM	0.68957	0.68951			N/A
3/22/2019	NZDUSD	9:30:00 AM	0.68936	0.68948			N/A
3/22/2019	NZDUSD	11:30:00 AM					N/A
3/22/2019	NZDUSD	1:30:00 PM	0.68711	0.68717			N/A
3/22/2019	NZDUSD	3:30:00 PM	0.68804	0.68813			N/A
3/25/2019	NZDUSD	9:30:00 AM	0.68799	0.68806			N/A
3/25/2019	NZDUSD	11:30:00 AM	0.68782	0.68792			N/A
3/25/2019	NZDUSD	1:30:00 PM	0.68782	0.68791			N/A
3/25/2019	NZDUSD	3:30:00 PM	0.68959	0.6895			N/A
3/26/2019	NZDUSD	9:30:00 AM	0.69017	0.69023			N/A
3/26/2019	NZDUSD	11:30:00 AM					N/A
3/26/2019	NZDUSD	1:30:00 PM	0.69028	0.69037			N/A
3/26/2019	NZDUSD	3:30:00 PM	0.69066	0.69063			N/A
3/27/2019	NZDUSD	9:30:00 AM	0.68064	0.68067			N/A
3/27/2019	NZDUSD	11:30:00 AM	0.68113	0.68123			N/A
3/27/2019	NZDUSD	1:30:00 PM	0.68058	0.68069			N/A
3/27/2019	NZDUSD	3:30:00 PM	0.68046	0.68012			N/A
3/28/2019	NZDUSD	9:30:00 AM	0.68255	0.68264			N/A
3/28/2019	NZDUSD	11:30:00 AM					N/A
3/28/2019	NZDUSD	1:30:00 PM	0.6804	0.68043			N/A
3/28/2019	NZDUSD	3:30:00 PM	0.67948	0.67946			N/A
3/29/2019	NZDUSD	9:30:00 AM	0.67999	0.68008			N/A
3/29/2019	NZDUSD	11:30:00 AM	0.67944	0.67959			N/A
3/29/2019	NZDUSD	1:30:00 PM	0.67965	0.67981			N/A
3/29/2019	NZDUSD	3:30:00 PM	0.6805	0.68049			N/A
1/1/2019	NZDZAR	9:30:00 AM					N/A
1/1/2019	NZDZAR	11:30:00 AM					N/A
1/1/2019	NZDZAR	1:30:00 PM					N/A
1/1/2019	NZDZAR	3:30:00 PM					N/A
1/2/2019	NZDZAR	9:30:00 AM					N/A
1/2/2019	NZDZAR	11:30:00 AM					N/A
1/2/2019	NZDZAR	1:30:00 PM					N/A
1/2/2019	NZDZAR	3:30:00 PM					N/A
1/3/2019	NZDZAR	9:30:00 AM					N/A
1/3/2019	NZDZAR	11:30:00 AM					N/A
1/3/2019	NZDZAR	1:30:00 PM					N/A
1/3/2019	NZDZAR	3:30:00 PM					N/A
1/4/2019	NZDZAR	9:30:00 AM					N/A
1/4/2019	NZDZAR	11:30:00 AM					N/A
1/4/2019	NZDZAR	1:30:00 PM					N/A
1/4/2019	NZDZAR	3:30:00 PM					N/A
1/7/2019	NZDZAR	9:30:00 AM	9.3974	9.4119			N/A

1/7/2019	NZDZAR	11:30:00 AM					N/A
1/7/2019	NZDZAR	1:30:00 PM	9.3968	9.4139			N/A
1/7/2019	NZDZAR	3:30:00 PM	9.3577	9.3617			N/A
1/8/2019	NZDZAR	9:30:00 AM	9.4004	9.4092			N/A
1/8/2019	NZDZAR	11:30:00 AM	9.3917	9.4069			N/A
1/8/2019	NZDZAR	1:30:00 PM	9.4148	9.4262			N/A
1/8/2019	NZDZAR	3:30:00 PM	9.3903	9.4045			N/A
1/9/2019	NZDZAR	9:30:00 AM	9.3533	9.3688			N/A
1/9/2019	NZDZAR	11:30:00 AM					N/A
1/9/2019	NZDZAR	1:30:00 PM	9.4765	9.488			N/A
1/9/2019	NZDZAR	3:30:00 PM	9.4525	9.4653			N/A
1/10/2019	NZDZAR	9:30:00 AM	9.4049	9.417			N/A
1/10/2019	NZDZAR	11:30:00 AM	9.4378	9.4493			N/A
1/10/2019	NZDZAR	1:30:00 PM	9.4002	9.4117			N/A
1/10/2019	NZDZAR	3:30:00 PM	9.3966	9.4015			N/A
1/11/2019	NZDZAR	9:30:00 AM	9.4303	9.4456			N/A
1/11/2019	NZDZAR	11:30:00 AM					N/A
1/11/2019	NZDZAR	1:30:00 PM	9.4345	9.4473			N/A
1/11/2019	NZDZAR	3:30:00 PM	9.4414	9.4545			N/A
1/14/2019	NZDZAR	9:30:00 AM	9.4704	9.4785			N/A
1/14/2019	NZDZAR	11:30:00 AM	9.4623	9.4751			N/A
1/14/2019	NZDZAR	1:30:00 PM	9.4717	9.4878			N/A
1/14/2019	NZDZAR	3:30:00 PM	9.4484	9.4632			N/A
1/15/2019	NZDZAR	9:30:00 AM	9.4283	9.4422			N/A
1/15/2019	NZDZAR	11:30:00 AM					N/A
1/15/2019	NZDZAR	1:30:00 PM	9.4099	9.426			N/A
1/15/2019	NZDZAR	3:30:00 PM	9.3994	9.4101			N/A
1/16/2019	NZDZAR	9:30:00 AM	9.3497	9.3656			N/A
1/16/2019	NZDZAR	11:30:00 AM	9.2845	9.2984			N/A
1/16/2019	NZDZAR	1:30:00 PM	9.2579	9.2727			N/A
1/16/2019	NZDZAR	3:30:00 PM	9.2789	9.2921			N/A
1/17/2019	NZDZAR	9:30:00 AM	9.2429	9.2528			N/A
1/17/2019	NZDZAR	11:30:00 AM					N/A
1/17/2019	NZDZAR	1:30:00 PM	9.2259	9.2404			N/A
1/17/2019	NZDZAR	3:30:00 PM	9.2765	9.2897			N/A
1/18/2019	NZDZAR	9:30:00 AM	9.2878	9.299			N/A
1/18/2019	NZDZAR	11:30:00 AM	9.3091	9.3242			N/A
1/18/2019	NZDZAR	1:30:00 PM	9.336	9.3533			N/A
1/18/2019	NZDZAR	3:30:00 PM	9.3116	9.3266			N/A
1/21/2019	NZDZAR	9:30:00 AM	9.3147	9.329			N/A
1/21/2019	NZDZAR	11:30:00 AM					N/A
1/21/2019	NZDZAR	1:30:00 PM	9.3125	9.3302			N/A
1/21/2019	NZDZAR	3:30:00 PM	9.3037	9.3169			N/A
1/22/2019	NZDZAR	9:30:00 AM	9.3266	9.3411			N/A
1/22/2019	NZDZAR	11:30:00 AM	9.3228	9.3387			N/A
1/22/2019	NZDZAR	1:30:00 PM	9.3336	9.3488			N/A
1/22/2019	NZDZAR	3:30:00 PM	9.3188	9.3312			N/A
1/23/2019	NZDZAR	9:30:00 AM	9.4333	9.4467			N/A
1/23/2019	NZDZAR	11:30:00 AM					N/A
1/23/2019	NZDZAR	1:30:00 PM	9.4013	9.4165			N/A

1/23/2019	NZDZAR	3:30:00 PM	9.3963	9.4111			N/A
1/24/2019	NZDZAR	9:30:00 AM	9.3492	9.3663			N/A
1/24/2019	NZDZAR	11:30:00 AM	9.3352	9.3498			N/A
1/24/2019	NZDZAR	1:30:00 PM	9.3473	9.3611			N/A
1/24/2019	NZDZAR	3:30:00 PM	9.3405	9.3567			N/A
1/25/2019	NZDZAR	9:30:00 AM	9.2525	9.2604			N/A
1/25/2019	NZDZAR	11:30:00 AM					N/A
1/25/2019	NZDZAR	1:30:00 PM	9.2683	9.2831			N/A
1/25/2019	NZDZAR	3:30:00 PM	9.255	9.2703			N/A
1/28/2019	NZDZAR	9:30:00 AM	9.3338	9.341			N/A
1/28/2019	NZDZAR	11:30:00 AM	9.3211	9.3379			N/A
1/28/2019	NZDZAR	1:30:00 PM	9.3236	9.3381			N/A
1/28/2019	NZDZAR	3:30:00 PM	9.3369	9.3473			N/A
1/29/2019	NZDZAR	9:30:00 AM	9.3638	9.3724			N/A
1/29/2019	NZDZAR	11:30:00 AM					N/A
1/29/2019	NZDZAR	1:30:00 PM	9.328	9.3458			N/A
1/29/2019	NZDZAR	3:30:00 PM	9.3063	9.3237			N/A
1/30/2019	NZDZAR	9:30:00 AM	9.2947	9.3098			N/A
1/30/2019	NZDZAR	11:30:00 AM	9.2841	9.2964			N/A
1/30/2019	NZDZAR	1:30:00 PM	9.2923	9.3072			N/A
1/30/2019	NZDZAR	3:30:00 PM	9.2902	9.3013			N/A
1/31/2019	NZDZAR	9:30:00 AM	9.2228	9.235			N/A
1/31/2019	NZDZAR	11:30:00 AM					N/A
1/31/2019	NZDZAR	1:30:00 PM	9.1986	9.2094			N/A
1/31/2019	NZDZAR	3:30:00 PM	9.169	9.1845			N/A
2/1/2019	NZDZAR	9:30:00 AM	9.1964	9.2106			N/A
2/1/2019	NZDZAR	11:30:00 AM	9.1791	9.1889			N/A
2/1/2019	NZDZAR	1:30:00 PM	9.1775	9.1935			N/A
2/1/2019	NZDZAR	3:30:00 PM	9.21	9.2234			N/A
2/4/2019	NZDZAR	9:30:00 AM	9.2031	9.2163			N/A
2/4/2019	NZDZAR	11:30:00 AM					N/A
2/4/2019	NZDZAR	1:30:00 PM	9.1973	9.2125			N/A
2/4/2019	NZDZAR	3:30:00 PM	9.2113	9.2243			N/A
2/5/2019	NZDZAR	9:30:00 AM	9.2355	9.2502			N/A
2/5/2019	NZDZAR	11:30:00 AM	9.1929	9.2034			N/A
2/5/2019	NZDZAR	1:30:00 PM	9.2119	9.2273			N/A
2/5/2019	NZDZAR	3:30:00 PM	9.2129	9.2256			N/A
2/6/2019	NZDZAR	9:30:00 AM	9.2147	9.2298			N/A
2/6/2019	NZDZAR	11:30:00 AM					N/A
2/6/2019	NZDZAR	1:30:00 PM	9.2199	9.2369			N/A
2/6/2019	NZDZAR	3:30:00 PM	9.2209	9.2362			N/A
2/7/2019	NZDZAR	9:30:00 AM	9.1497	9.1647			N/A
2/7/2019	NZDZAR	11:30:00 AM	9.1628	9.1805			N/A
2/7/2019	NZDZAR	1:30:00 PM	9.187	9.203			N/A
2/7/2019	NZDZAR	3:30:00 PM	9.1869	9.194			N/A
2/8/2019	NZDZAR	9:30:00 AM	9.23	9.2464			N/A
2/8/2019	NZDZAR	11:30:00 AM					N/A
2/8/2019	NZDZAR	1:30:00 PM	9.1823	9.2			N/A
2/8/2019	NZDZAR	3:30:00 PM	9.1739	9.1858			N/A
2/11/2019	NZDZAR	9:30:00 AM	9.1866	9.2044			N/A

2/11/2019	NZDZAR	11:30:00 AM	9.191	9.2055			N/A
2/11/2019	NZDZAR	1:30:00 PM	9.2567	9.2711			N/A
2/11/2019	NZDZAR	3:30:00 PM	9.2555	9.2703			N/A
2/12/2019	NZDZAR	9:30:00 AM	9.2573	9.274			N/A
2/12/2019	NZDZAR	11:30:00 AM					N/A
2/12/2019	NZDZAR	1:30:00 PM	9.2674	9.2844			N/A
2/12/2019	NZDZAR	3:30:00 PM	9.2564	9.2743			N/A
2/13/2019	NZDZAR	9:30:00 AM	9.3828	9.3958			N/A
2/13/2019	NZDZAR	11:30:00 AM	9.3998	9.4137			N/A
2/13/2019	NZDZAR	1:30:00 PM	9.4542	9.4682			N/A
2/13/2019	NZDZAR	3:30:00 PM	9.4413	9.4517			N/A
2/14/2019	NZDZAR	9:30:00 AM	9.5467	9.5603			N/A
2/14/2019	NZDZAR	11:30:00 AM					N/A
2/14/2019	NZDZAR	1:30:00 PM	9.6194	9.6354			N/A
2/14/2019	NZDZAR	3:30:00 PM	9.6747	9.6919			N/A
2/15/2019	NZDZAR	9:30:00 AM					N/A
2/15/2019	NZDZAR	11:30:00 AM					N/A
2/15/2019	NZDZAR	1:30:00 PM					N/A
2/15/2019	NZDZAR	3:30:00 PM					N/A
2/18/2019	NZDZAR	9:30:00 AM	9.6465	9.6581			N/A
2/18/2019	NZDZAR	11:30:00 AM					N/A
2/18/2019	NZDZAR	1:30:00 PM	9.6568	9.6747			N/A
2/18/2019	NZDZAR	3:30:00 PM	9.6861	9.7038			N/A
2/19/2019	NZDZAR	9:30:00 AM	9.6532	9.6707			N/A
2/19/2019	NZDZAR	11:30:00 AM	9.6769	9.6924			N/A
2/19/2019	NZDZAR	1:30:00 PM	9.6564	9.6736			N/A
2/19/2019	NZDZAR	3:30:00 PM	9.6619	9.6777			N/A
2/20/2019	NZDZAR	9:30:00 AM	9.6663	9.6788			N/A
2/20/2019	NZDZAR	11:30:00 AM					N/A
2/20/2019	NZDZAR	1:30:00 PM	9.6915	9.7025			N/A
2/20/2019	NZDZAR	3:30:00 PM	9.6837	9.6955			N/A
2/21/2019	NZDZAR	9:30:00 AM	9.516	9.5228			N/A
2/21/2019	NZDZAR	11:30:00 AM	9.4843	9.4967			N/A
2/21/2019	NZDZAR	1:30:00 PM	9.469	9.4828			N/A
2/21/2019	NZDZAR	3:30:00 PM	9.5209	9.5365			N/A
2/22/2019	NZDZAR	9:30:00 AM	9.4758	9.4916			N/A
2/22/2019	NZDZAR	11:30:00 AM					N/A
2/22/2019	NZDZAR	1:30:00 PM	9.5175	9.5343			N/A
2/22/2019	NZDZAR	3:30:00 PM	9.5149	9.5308			N/A
2/25/2019	NZDZAR	9:30:00 AM	9.5385	9.5544			N/A
2/25/2019	NZDZAR	11:30:00 AM	9.5319	9.5477			N/A
2/25/2019	NZDZAR	1:30:00 PM	9.5431	9.5555			N/A
2/25/2019	NZDZAR	3:30:00 PM	9.5522	9.5648			N/A
2/26/2019	NZDZAR	9:30:00 AM	9.5292	9.5423			N/A
2/26/2019	NZDZAR	11:30:00 AM					N/A
2/26/2019	NZDZAR	1:30:00 PM	9.5215	9.5365			N/A
2/26/2019	NZDZAR	3:30:00 PM	9.5243	9.5357			N/A
2/27/2019	NZDZAR	9:30:00 AM	9.542	9.5525			N/A
2/27/2019	NZDZAR	11:30:00 AM	9.5114	9.5264			N/A
2/27/2019	NZDZAR	1:30:00 PM	9.5044	9.521			N/A

2/27/2019	NZDZAR	3:30:00 PM	9.5078	9.5211			N/A
2/28/2019	NZDZAR	9:30:00 AM	9.5412	9.5566			N/A
2/28/2019	NZDZAR	11:30:00 AM					N/A
2/28/2019	NZDZAR	1:30:00 PM	9.5268	9.5444			N/A
2/28/2019	NZDZAR	3:30:00 PM	9.5329	9.5421			N/A
3/1/2019	NZDZAR	9:30:00 AM	9.5931	9.6079			N/A
3/1/2019	NZDZAR	11:30:00 AM	9.6164	9.6311			N/A
3/1/2019	NZDZAR	1:30:00 PM	9.6171	9.6316			N/A
3/1/2019	NZDZAR	3:30:00 PM	9.6683	9.6833			N/A
3/4/2019	NZDZAR	9:30:00 AM	9.6304	9.6453			N/A
3/4/2019	NZDZAR	11:30:00 AM					N/A
3/4/2019	NZDZAR	1:30:00 PM	9.6835	9.6976			N/A
3/4/2019	NZDZAR	3:30:00 PM	9.6645	9.674			N/A
3/5/2019	NZDZAR	9:30:00 AM	9.6373	9.6482			N/A
3/5/2019	NZDZAR	11:30:00 AM	9.6253	9.6163			N/A
3/5/2019	NZDZAR	1:30:00 PM	9.5938	9.6083			N/A
3/5/2019	NZDZAR	3:30:00 PM	9.611	9.6261			N/A
3/6/2019	NZDZAR	9:30:00 AM	9.6214	9.6386			N/A
3/6/2019	NZDZAR	11:30:00 AM					N/A
3/6/2019	NZDZAR	1:30:00 PM	9.6157	9.6321			N/A
3/6/2019	NZDZAR	3:30:00 PM	9.6074	9.6246			N/A
3/7/2019	NZDZAR	9:30:00 AM	9.6465	9.6642			N/A
3/7/2019	NZDZAR	11:30:00 AM	9.6902	9.7015			N/A
3/7/2019	NZDZAR	1:30:00 PM	9.7195	9.734			N/A
3/7/2019	NZDZAR	3:30:00 PM	9.701	9.7146			N/A
3/8/2019	NZDZAR	9:30:00 AM	9.8421	9.8525			N/A
3/8/2019	NZDZAR	11:30:00 AM					N/A
3/8/2019	NZDZAR	1:30:00 PM	9.8568	9.8591			N/A
3/8/2019	NZDZAR	3:30:00 PM	9.8583	9.8736			N/A
3/11/2019	NZDZAR	9:30:00 AM	9.8037	9.8172			N/A
3/11/2019	NZDZAR	11:30:00 AM	9.7851	9.7992			N/A
3/11/2019	NZDZAR	1:30:00 PM	9.7841	9.8005			N/A
3/11/2019	NZDZAR	3:30:00 PM	9.7833	9.7989			N/A
3/12/2019	NZDZAR	9:30:00 AM	9.7791	9.7935			N/A
3/12/2019	NZDZAR	11:30:00 AM					N/A
3/12/2019	NZDZAR	1:30:00 PM	9.7627	9.7784			N/A
3/12/2019	NZDZAR	3:30:00 PM	9.788	9.7991			N/A
3/13/2019	NZDZAR	9:30:00 AM	9.801	9.8164			N/A
3/13/2019	NZDZAR	11:30:00 AM	9.8001	9.8149			N/A
3/13/2019	NZDZAR	1:30:00 PM	9.798	9.812			N/A
3/13/2019	NZDZAR	3:30:00 PM	9.7789	9.7946			N/A
3/14/2019	NZDZAR	9:30:00 AM	9.8683	9.8817			N/A
3/14/2019	NZDZAR	11:30:00 AM					N/A
3/14/2019	NZDZAR	1:30:00 PM	9.8407	9.8551			N/A
3/14/2019	NZDZAR	3:30:00 PM	9.8621	9.8783			N/A
3/15/2019	NZDZAR	9:30:00 AM	9.8926	9.9098			N/A
3/15/2019	NZDZAR	11:30:00 AM	9.8855	9.8997			N/A
3/15/2019	NZDZAR	1:30:00 PM	9.872	9.8837			N/A
3/15/2019	NZDZAR	3:30:00 PM	9.8654	9.8794			N/A
3/18/2019	NZDZAR	9:30:00 AM	9.8966	9.9113			N/A

3/18/2019	NZDZAR	11:30:00 AM					N/A
3/18/2019	NZDZAR	1:30:00 PM	9.887	9.9034			N/A
3/18/2019	NZDZAR	3:30:00 PM	9.8631	9.8792			N/A
3/19/2019	NZDZAR	9:30:00 AM	9.8962	9.9116			N/A
3/19/2019	NZDZAR	11:30:00 AM	9.8486	9.8648			N/A
3/19/2019	NZDZAR	1:30:00 PM	9.855	9.8702			N/A
3/19/2019	NZDZAR	3:30:00 PM	9.8975	9.9102			N/A
3/20/2019	NZDZAR	9:30:00 AM	9.892	9.9093			N/A
3/20/2019	NZDZAR	11:30:00 AM					N/A
3/20/2019	NZDZAR	1:30:00 PM	9.8943	9.9095			N/A
3/20/2019	NZDZAR	3:30:00 PM	9.8622	9.8773			N/A
3/21/2019	NZDZAR	9:30:00 AM	9.7976	9.8082			N/A
3/21/2019	NZDZAR	11:30:00 AM	9.7962	9.8129			N/A
3/21/2019	NZDZAR	1:30:00 PM	9.7984	9.8131			N/A
3/21/2019	NZDZAR	3:30:00 PM	9.7749	9.7887			N/A
3/22/2019	NZDZAR	9:30:00 AM	9.7903	9.8048			N/A
3/22/2019	NZDZAR	11:30:00 AM					N/A
3/22/2019	NZDZAR	1:30:00 PM	9.8679	9.8826			N/A
3/22/2019	NZDZAR	3:30:00 PM	9.8867	9.9011			N/A
3/25/2019	NZDZAR	9:30:00 AM	9.9613	9.9658			N/A
3/25/2019	NZDZAR	11:30:00 AM	9.9108	9.9245			N/A
3/25/2019	NZDZAR	1:30:00 PM	9.9371	9.9442			N/A
3/25/2019	NZDZAR	3:30:00 PM	9.9254	9.9342			N/A
3/26/2019	NZDZAR	9:30:00 AM	9.8928	9.9071			N/A
3/26/2019	NZDZAR	11:30:00 AM					N/A
3/26/2019	NZDZAR	1:30:00 PM	9.9055	9.9209			N/A
3/26/2019	NZDZAR	3:30:00 PM	9.9288	9.9405			N/A
3/27/2019	NZDZAR	9:30:00 AM	9.8537	9.8657			N/A
3/27/2019	NZDZAR	11:30:00 AM	9.8449	9.8597			N/A
3/27/2019	NZDZAR	1:30:00 PM	9.9454	9.9493			N/A
3/27/2019	NZDZAR	3:30:00 PM	9.9212	9.9334			N/A
3/28/2019	NZDZAR	9:30:00 AM	9.9529	9.9688			N/A
3/28/2019	NZDZAR	11:30:00 AM					N/A
3/28/2019	NZDZAR	1:30:00 PM	10.0031	10.01			N/A
3/28/2019	NZDZAR	3:30:00 PM	9.9661	9.9759			N/A
3/29/2019	NZDZAR	9:30:00 AM	9.8943	9.9089			N/A
3/29/2019	NZDZAR	11:30:00 AM	9.8755	9.8903			N/A
3/29/2019	NZDZAR	1:30:00 PM	9.8409	9.8588			N/A
3/29/2019	NZDZAR	3:30:00 PM	9.8439	9.8569			N/A
1/1/2019	SEKJPY	9:30:00 AM					N/A
1/1/2019	SEKJPY	11:30:00 AM					N/A
1/1/2019	SEKJPY	1:30:00 PM					N/A
1/1/2019	SEKJPY	3:30:00 PM					N/A
1/2/2019	SEKJPY	9:30:00 AM					N/A
1/2/2019	SEKJPY	11:30:00 AM					N/A
1/2/2019	SEKJPY	1:30:00 PM					N/A
1/2/2019	SEKJPY	3:30:00 PM					N/A
1/3/2019	SEKJPY	9:30:00 AM					N/A
1/3/2019	SEKJPY	11:30:00 AM					N/A
1/3/2019	SEKJPY	1:30:00 PM					N/A

1/3/2019	SEKJPY	3:30:00 PM					N/A
1/4/2019	SEKJPY	9:30:00 AM					N/A
1/4/2019	SEKJPY	11:30:00 AM					N/A
1/4/2019	SEKJPY	1:30:00 PM					N/A
1/4/2019	SEKJPY	3:30:00 PM					N/A
1/7/2019	SEKJPY	9:30:00 AM	12.1	12.11			N/A
1/7/2019	SEKJPY	11:30:00 AM					N/A
1/7/2019	SEKJPY	1:30:00 PM	12.12	12.12			N/A
1/7/2019	SEKJPY	3:30:00 PM					N/A
1/8/2019	SEKJPY	9:30:00 AM	12.22	12.23			N/A
1/8/2019	SEKJPY	11:30:00 AM	12.24	12.26			N/A
1/8/2019	SEKJPY	1:30:00 PM	12.23	12.24			N/A
1/8/2019	SEKJPY	3:30:00 PM	12.22	12.23			N/A
1/9/2019	SEKJPY	9:30:00 AM	12.22	12.23			N/A
1/9/2019	SEKJPY	11:30:00 AM					N/A
1/9/2019	SEKJPY	1:30:00 PM	12.18	12.18			N/A
1/9/2019	SEKJPY	3:30:00 PM					N/A
1/10/2019	SEKJPY	9:30:00 AM	12.16	12.17			N/A
1/10/2019	SEKJPY	11:30:00 AM	12.16	12.17			N/A
1/10/2019	SEKJPY	1:30:00 PM	12.17	12.18			N/A
1/10/2019	SEKJPY	3:30:00 PM	12.19	12.2			N/A
1/11/2019	SEKJPY	9:30:00 AM	12.21	12.22			N/A
1/11/2019	SEKJPY	11:30:00 AM					N/A
1/11/2019	SEKJPY	1:30:00 PM	12.2	12.21			N/A
1/11/2019	SEKJPY	3:30:00 PM	12.21	12.21			N/A
1/14/2019	SEKJPY	9:30:00 AM	12.08	12.09			N/A
1/14/2019	SEKJPY	11:30:00 AM	12.11	12.12			N/A
1/14/2019	SEKJPY	1:30:00 PM	12.09	12.09			N/A
1/14/2019	SEKJPY	3:30:00 PM	12.09	12.1			N/A
1/15/2019	SEKJPY	9:30:00 AM	12.17	12.17			N/A
1/15/2019	SEKJPY	11:30:00 AM					N/A
1/15/2019	SEKJPY	1:30:00 PM	12.12	12.13			N/A
1/15/2019	SEKJPY	3:30:00 PM	12.1	12.11			N/A
1/16/2019	SEKJPY	9:30:00 AM	12.11	12.12			N/A
1/16/2019	SEKJPY	11:30:00 AM	12.12	12.12			N/A
1/16/2019	SEKJPY	1:30:00 PM	12.12	12.12			N/A
1/16/2019	SEKJPY	3:30:00 PM	12.09	12.1			N/A
1/17/2019	SEKJPY	9:30:00 AM	12.06	12.06			N/A
1/17/2019	SEKJPY	11:30:00 AM					N/A
1/17/2019	SEKJPY	1:30:00 PM					N/A
1/17/2019	SEKJPY	3:30:00 PM	12.05	12.05			N/A
1/18/2019	SEKJPY	9:30:00 AM	12.15	12.16			N/A
1/18/2019	SEKJPY	11:30:00 AM	12.17	12.18			N/A
1/18/2019	SEKJPY	1:30:00 PM	12.18	12.19			N/A
1/18/2019	SEKJPY	3:30:00 PM	12.17	12.18			N/A
1/21/2019	SEKJPY	9:30:00 AM	12.16	12.17			N/A
1/21/2019	SEKJPY	11:30:00 AM					N/A
1/21/2019	SEKJPY	1:30:00 PM	12.15	12.16			N/A
1/21/2019	SEKJPY	3:30:00 PM	12.15	12.16			N/A
1/22/2019	SEKJPY	9:30:00 AM	12.09	12.11			N/A

1/22/2019	SEKJPY	11:30:00 AM	12.13	12.14			N/A
1/22/2019	SEKJPY	1:30:00 PM	12.12	12.13			N/A
1/22/2019	SEKJPY	3:30:00 PM	12.12	12.12			N/A
1/23/2019	SEKJPY	9:30:00 AM					N/A
1/23/2019	SEKJPY	11:30:00 AM					N/A
1/23/2019	SEKJPY	1:30:00 PM	12.14	12.16			N/A
1/23/2019	SEKJPY	3:30:00 PM	12.17	12.18			N/A
1/24/2019	SEKJPY	9:30:00 AM	12.15	12.16			N/A
1/24/2019	SEKJPY	11:30:00 AM	12.13	12.13			N/A
1/24/2019	SEKJPY	1:30:00 PM	12.1	12.1			N/A
1/24/2019	SEKJPY	3:30:00 PM	12.09	12.1			N/A
1/25/2019	SEKJPY	9:30:00 AM	12.11	12.12			N/A
1/25/2019	SEKJPY	11:30:00 AM					N/A
1/25/2019	SEKJPY	1:30:00 PM	12.09	12.1			N/A
1/25/2019	SEKJPY	3:30:00 PM	12.11	12.12			N/A
1/28/2019	SEKJPY	9:30:00 AM	12.09	12.1			N/A
1/28/2019	SEKJPY	11:30:00 AM					N/A
1/28/2019	SEKJPY	1:30:00 PM	12.08	12.09			N/A
1/28/2019	SEKJPY	3:30:00 PM	12.07	12.08			N/A
1/29/2019	SEKJPY	9:30:00 AM	12.08	12.09			N/A
1/29/2019	SEKJPY	11:30:00 AM					N/A
1/29/2019	SEKJPY	1:30:00 PM	12.08	12.09			N/A
1/29/2019	SEKJPY	3:30:00 PM	12.08	12.09			N/A
1/30/2019	SEKJPY	9:30:00 AM					N/A
1/30/2019	SEKJPY	11:30:00 AM					N/A
1/30/2019	SEKJPY	1:30:00 PM					N/A
1/30/2019	SEKJPY	3:30:00 PM	12.06	12.06			N/A
1/31/2019	SEKJPY	9:30:00 AM	12.05	12.06			N/A
1/31/2019	SEKJPY	11:30:00 AM					N/A
1/31/2019	SEKJPY	1:30:00 PM	12.04	12.05			N/A
1/31/2019	SEKJPY	3:30:00 PM	12.03	12.04			N/A
2/1/2019	SEKJPY	9:30:00 AM	12.03	12.04			N/A
2/1/2019	SEKJPY	11:30:00 AM	12.03	12.04			N/A
2/1/2019	SEKJPY	1:30:00 PM	12.04	12.04			N/A
2/1/2019	SEKJPY	3:30:00 PM	12.04	12.05			N/A
2/4/2019	SEKJPY	9:30:00 AM	12.11	12.12			N/A
2/4/2019	SEKJPY	11:30:00 AM					N/A
2/4/2019	SEKJPY	1:30:00 PM	12.1	12.11			N/A
2/4/2019	SEKJPY	3:30:00 PM	12.1	12.11			N/A
2/5/2019	SEKJPY	9:30:00 AM	12.06	12.07			N/A
2/5/2019	SEKJPY	11:30:00 AM	12.06	12.07			N/A
2/5/2019	SEKJPY	1:30:00 PM	12.06	12.07			N/A
2/5/2019	SEKJPY	3:30:00 PM	12.08	12.08			N/A
2/6/2019	SEKJPY	9:30:00 AM	12	12.01			N/A
2/6/2019	SEKJPY	11:30:00 AM					N/A
2/6/2019	SEKJPY	1:30:00 PM					N/A
2/6/2019	SEKJPY	3:30:00 PM	11.99	11.99			N/A
2/7/2019	SEKJPY	9:30:00 AM					N/A
2/7/2019	SEKJPY	11:30:00 AM	11.92	11.93			N/A
2/7/2019	SEKJPY	1:30:00 PM	11.86	11.88			N/A

2/7/2019	SEKJPY	3:30:00 PM	11.88	11.89			N/A
2/8/2019	SEKJPY	9:30:00 AM	11.85	11.85			N/A
2/8/2019	SEKJPY	11:30:00 AM					N/A
2/8/2019	SEKJPY	1:30:00 PM	11.86	11.86			N/A
2/8/2019	SEKJPY	3:30:00 PM	11.87	11.88			N/A
2/11/2019	SEKJPY	9:30:00 AM	11.85	11.86			N/A
2/11/2019	SEKJPY	11:30:00 AM	11.9	11.9			N/A
2/11/2019	SEKJPY	1:30:00 PM	11.89	11.9			N/A
2/11/2019	SEKJPY	3:30:00 PM	11.9	11.9			N/A
2/12/2019	SEKJPY	9:30:00 AM	11.92	11.92			N/A
2/12/2019	SEKJPY	11:30:00 AM					N/A
2/12/2019	SEKJPY	1:30:00 PM	11.93	11.93			N/A
2/12/2019	SEKJPY	3:30:00 PM					N/A
2/13/2019	SEKJPY	9:30:00 AM	11.96	11.96			N/A
2/13/2019	SEKJPY	11:30:00 AM	12	12.01			N/A
2/13/2019	SEKJPY	1:30:00 PM	12.02	12.03			N/A
2/13/2019	SEKJPY	3:30:00 PM	12.02	12.03			N/A
2/14/2019	SEKJPY	9:30:00 AM	12.01	12.02			N/A
2/14/2019	SEKJPY	11:30:00 AM					N/A
2/14/2019	SEKJPY	1:30:00 PM	11.97	11.98			N/A
2/14/2019	SEKJPY	3:30:00 PM	11.94	11.94			N/A
2/15/2019	SEKJPY	9:30:00 AM					N/A
2/15/2019	SEKJPY	11:30:00 AM					N/A
2/15/2019	SEKJPY	1:30:00 PM					N/A
2/15/2019	SEKJPY	3:30:00 PM					N/A
2/18/2019	SEKJPY	9:30:00 AM	11.94	11.95			N/A
2/18/2019	SEKJPY	11:30:00 AM					N/A
2/18/2019	SEKJPY	1:30:00 PM	11.96	11.96			N/A
2/18/2019	SEKJPY	3:30:00 PM	11.96	11.97			N/A
2/19/2019	SEKJPY	9:30:00 AM	11.95	11.96			N/A
2/19/2019	SEKJPY	11:30:00 AM	11.83	11.83			N/A
2/19/2019	SEKJPY	1:30:00 PM	11.8	11.81			N/A
2/19/2019	SEKJPY	3:30:00 PM					N/A
2/20/2019	SEKJPY	9:30:00 AM	11.91	11.92			N/A
2/20/2019	SEKJPY	11:30:00 AM					N/A
2/20/2019	SEKJPY	1:30:00 PM					N/A
2/20/2019	SEKJPY	3:30:00 PM	11.88	11.88			N/A
2/21/2019	SEKJPY	9:30:00 AM	11.87	11.88			N/A
2/21/2019	SEKJPY	11:30:00 AM	11.85	11.85			N/A
2/21/2019	SEKJPY	1:30:00 PM	11.86	11.86			N/A
2/21/2019	SEKJPY	3:30:00 PM	11.83	11.83			N/A
2/22/2019	SEKJPY	9:30:00 AM	11.84	11.85			N/A
2/22/2019	SEKJPY	11:30:00 AM					N/A
2/22/2019	SEKJPY	1:30:00 PM	11.85	11.86			N/A
2/22/2019	SEKJPY	3:30:00 PM					N/A
2/25/2019	SEKJPY	9:30:00 AM					N/A
2/25/2019	SEKJPY	11:30:00 AM					N/A
2/25/2019	SEKJPY	1:30:00 PM					N/A
2/25/2019	SEKJPY	3:30:00 PM	11.89	11.9			N/A
2/26/2019	SEKJPY	9:30:00 AM	11.88	11.89			N/A

2/26/2019	SEKJPY	11:30:00 AM					N/A
2/26/2019	SEKJPY	1:30:00 PM	11.89	11.9			N/A
2/26/2019	SEKJPY	3:30:00 PM	11.9	11.9			N/A
2/27/2019	SEKJPY	9:30:00 AM	11.88	11.89			N/A
2/27/2019	SEKJPY	11:30:00 AM	11.92	11.93			N/A
2/27/2019	SEKJPY	1:30:00 PM	11.94	11.95			N/A
2/27/2019	SEKJPY	3:30:00 PM	11.95	11.96			N/A
2/28/2019	SEKJPY	9:30:00 AM	11.96	11.96			N/A
2/28/2019	SEKJPY	11:30:00 AM					N/A
2/28/2019	SEKJPY	1:30:00 PM	12.06	12.07			N/A
2/28/2019	SEKJPY	3:30:00 PM	12.07	12.07			N/A
3/1/2019	SEKJPY	9:30:00 AM	12.11	12.11			N/A
3/1/2019	SEKJPY	11:30:00 AM	12.11	12.12			N/A
3/1/2019	SEKJPY	1:30:00 PM	12.12	12.13			N/A
3/1/2019	SEKJPY	3:30:00 PM	12.12	12.13			N/A
3/4/2019	SEKJPY	9:30:00 AM	12.08	12.09			N/A
3/4/2019	SEKJPY	11:30:00 AM					N/A
3/4/2019	SEKJPY	1:30:00 PM	12.03	12.04			N/A
3/4/2019	SEKJPY	3:30:00 PM	12.02	12.03			N/A
3/5/2019	SEKJPY	9:30:00 AM	11.95	11.96			N/A
3/5/2019	SEKJPY	11:30:00 AM	12.02	12.02			N/A
3/5/2019	SEKJPY	1:30:00 PM	12.02	12.03			N/A
3/5/2019	SEKJPY	3:30:00 PM	12.01	12.02			N/A
3/6/2019	SEKJPY	9:30:00 AM	12	12			N/A
3/6/2019	SEKJPY	11:30:00 AM					N/A
3/6/2019	SEKJPY	1:30:00 PM	11.99	12			N/A
3/6/2019	SEKJPY	3:30:00 PM	11.99	11.99			N/A
3/7/2019	SEKJPY	9:30:00 AM	12	12.02			N/A
3/7/2019	SEKJPY	11:30:00 AM					N/A
3/7/2019	SEKJPY	1:30:00 PM	11.97	11.98			N/A
3/7/2019	SEKJPY	3:30:00 PM	11.92	11.93			N/A
3/8/2019	SEKJPY	9:30:00 AM	11.71	11.71			N/A
3/8/2019	SEKJPY	11:30:00 AM					N/A
3/8/2019	SEKJPY	1:30:00 PM					N/A
3/8/2019	SEKJPY	3:30:00 PM	11.72	11.71			N/A
3/11/2019	SEKJPY	9:30:00 AM	11.82	11.83			N/A
3/11/2019	SEKJPY	11:30:00 AM	11.81	11.81			N/A
3/11/2019	SEKJPY	1:30:00 PM	11.83	11.85			N/A
3/11/2019	SEKJPY	3:30:00 PM	11.82	11.83			N/A
3/12/2019	SEKJPY	9:30:00 AM	11.88	11.89			N/A
3/12/2019	SEKJPY	11:30:00 AM					N/A
3/12/2019	SEKJPY	1:30:00 PM					N/A
3/12/2019	SEKJPY	3:30:00 PM	11.85	11.86			N/A
3/13/2019	SEKJPY	9:30:00 AM	11.88	11.89			N/A
3/13/2019	SEKJPY	11:30:00 AM	11.92	11.93			N/A
3/13/2019	SEKJPY	1:30:00 PM	11.92	11.93			N/A
3/13/2019	SEKJPY	3:30:00 PM	11.93	11.93			N/A
3/14/2019	SEKJPY	9:30:00 AM	12	12.01			N/A
3/14/2019	SEKJPY	11:30:00 AM					N/A
3/14/2019	SEKJPY	1:30:00 PM	11.96	11.96			N/A

3/14/2019	SEKJPY	3:30:00 PM	11.97	11.98			N/A
3/15/2019	SEKJPY	9:30:00 AM	12.03	12.04			N/A
3/15/2019	SEKJPY	11:30:00 AM	12.03	12.04			N/A
3/15/2019	SEKJPY	1:30:00 PM	12.07	12.08			N/A
3/15/2019	SEKJPY	3:30:00 PM	12.02	12.03			N/A
3/18/2019	SEKJPY	9:30:00 AM	12.1	12.11			N/A
3/18/2019	SEKJPY	11:30:00 AM					N/A
3/18/2019	SEKJPY	1:30:00 PM	12.1	12.11			N/A
3/18/2019	SEKJPY	3:30:00 PM	12.09	12.09			N/A
3/19/2019	SEKJPY	9:30:00 AM	12.06	12.06			N/A
3/19/2019	SEKJPY	11:30:00 AM	12.06	12.07			N/A
3/19/2019	SEKJPY	1:30:00 PM	12.09	12.1			N/A
3/19/2019	SEKJPY	3:30:00 PM	12.11	12.12			N/A
3/20/2019	SEKJPY	9:30:00 AM					N/A
3/20/2019	SEKJPY	11:30:00 AM					N/A
3/20/2019	SEKJPY	1:30:00 PM	12.14	12.15			N/A
3/20/2019	SEKJPY	3:30:00 PM	12.14	12.15			N/A
3/21/2019	SEKJPY	9:30:00 AM	12.12	12.12			N/A
3/21/2019	SEKJPY	11:30:00 AM	12.08	12.1			N/A
3/21/2019	SEKJPY	1:30:00 PM	12.08	12.08			N/A
3/21/2019	SEKJPY	3:30:00 PM	12.09	12.09			N/A
3/22/2019	SEKJPY	9:30:00 AM	12.08	12.1			N/A
3/22/2019	SEKJPY	11:30:00 AM					N/A
3/22/2019	SEKJPY	1:30:00 PM	11.92	11.93			N/A
3/22/2019	SEKJPY	3:30:00 PM	11.89	11.91			N/A
3/25/2019	SEKJPY	9:30:00 AM	11.89	11.89			N/A
3/25/2019	SEKJPY	11:30:00 AM	11.94	11.95			N/A
3/25/2019	SEKJPY	1:30:00 PM	11.93	11.94			N/A
3/25/2019	SEKJPY	3:30:00 PM	11.93	11.93			N/A
3/26/2019	SEKJPY	9:30:00 AM					N/A
3/26/2019	SEKJPY	11:30:00 AM					N/A
3/26/2019	SEKJPY	1:30:00 PM	11.97	11.98			N/A
3/26/2019	SEKJPY	3:30:00 PM	11.97	11.98			N/A
3/27/2019	SEKJPY	9:30:00 AM	11.93	11.94			N/A
3/27/2019	SEKJPY	11:30:00 AM	11.97	11.98			N/A
3/27/2019	SEKJPY	1:30:00 PM	11.93	11.94			N/A
3/27/2019	SEKJPY	3:30:00 PM	11.94	11.95			N/A
3/28/2019	SEKJPY	9:30:00 AM	11.88	11.88			N/A
3/28/2019	SEKJPY	11:30:00 AM					N/A
3/28/2019	SEKJPY	1:30:00 PM	11.8	11.81			N/A
3/28/2019	SEKJPY	3:30:00 PM	11.87	11.87			N/A
3/29/2019	SEKJPY	9:30:00 AM	11.92	11.93			N/A
3/29/2019	SEKJPY	11:30:00 AM	11.94	11.95			N/A
3/29/2019	SEKJPY	1:30:00 PM					N/A
3/29/2019	SEKJPY	3:30:00 PM	11.97	11.98			N/A
1/1/2019	SGDJPY	9:30:00 AM					N/A
1/1/2019	SGDJPY	11:30:00 AM					N/A
1/1/2019	SGDJPY	1:30:00 PM					N/A
1/1/2019	SGDJPY	3:30:00 PM					N/A
1/2/2019	SGDJPY	9:30:00 AM					N/A

1/2/2019	SGDJPY	11:30:00 AM					N/A
1/2/2019	SGDJPY	1:30:00 PM					N/A
1/2/2019	SGDJPY	3:30:00 PM					N/A
1/3/2019	SGDJPY	9:30:00 AM					N/A
1/3/2019	SGDJPY	11:30:00 AM					N/A
1/3/2019	SGDJPY	1:30:00 PM					N/A
1/3/2019	SGDJPY	3:30:00 PM					N/A
1/4/2019	SGDJPY	9:30:00 AM					N/A
1/4/2019	SGDJPY	11:30:00 AM					N/A
1/4/2019	SGDJPY	1:30:00 PM					N/A
1/4/2019	SGDJPY	3:30:00 PM					N/A
1/7/2019	SGDJPY	9:30:00 AM	79.71	79.73			N/A
1/7/2019	SGDJPY	11:30:00 AM					N/A
1/7/2019	SGDJPY	1:30:00 PM	79.78	79.8			N/A
1/7/2019	SGDJPY	3:30:00 PM	79.83	79.83			N/A
1/8/2019	SGDJPY	9:30:00 AM	80.24	80.24			N/A
1/8/2019	SGDJPY	11:30:00 AM	80.12	80.13			N/A
1/8/2019	SGDJPY	1:30:00 PM	79.99	80.01			N/A
1/8/2019	SGDJPY	3:30:00 PM	80.03	80.04			N/A
1/9/2019	SGDJPY	9:30:00 AM	80.29	80.32			N/A
1/9/2019	SGDJPY	11:30:00 AM					N/A
1/9/2019	SGDJPY	1:30:00 PM	80.28	80.25			N/A
1/9/2019	SGDJPY	3:30:00 PM	80.22	80.25			N/A
1/10/2019	SGDJPY	9:30:00 AM	79.85	79.85			N/A
1/10/2019	SGDJPY	11:30:00 AM	79.93	79.95			N/A
1/10/2019	SGDJPY	1:30:00 PM	79.93	79.91			N/A
1/10/2019	SGDJPY	3:30:00 PM	79.98	80			N/A
1/11/2019	SGDJPY	9:30:00 AM	80.2	80.23			N/A
1/11/2019	SGDJPY	11:30:00 AM					N/A
1/11/2019	SGDJPY	1:30:00 PM	80.15	80.17			N/A
1/11/2019	SGDJPY	3:30:00 PM	80.14	80.15			N/A
1/14/2019	SGDJPY	9:30:00 AM	79.84	79.87			N/A
1/14/2019	SGDJPY	11:30:00 AM	79.81	79.84			N/A
1/14/2019	SGDJPY	1:30:00 PM	79.74	79.76			N/A
1/14/2019	SGDJPY	3:30:00 PM	79.81	79.81			N/A
1/15/2019	SGDJPY	9:30:00 AM	80.36	80.34			N/A
1/15/2019	SGDJPY	11:30:00 AM					N/A
1/15/2019	SGDJPY	1:30:00 PM	80.14	80.14			N/A
1/15/2019	SGDJPY	3:30:00 PM	80.08	80.09			N/A
1/16/2019	SGDJPY	9:30:00 AM	80.14	80.17			N/A
1/16/2019	SGDJPY	11:30:00 AM	80.13	80.16			N/A
1/16/2019	SGDJPY	1:30:00 PM	80.22	80.25			N/A
1/16/2019	SGDJPY	3:30:00 PM	80.23	80.23			N/A
1/17/2019	SGDJPY	9:30:00 AM	80.2	80.21			N/A
1/17/2019	SGDJPY	11:30:00 AM					N/A
1/17/2019	SGDJPY	1:30:00 PM	80.25	80.22			N/A
1/17/2019	SGDJPY	3:30:00 PM	80.22	80.18			N/A
1/18/2019	SGDJPY	9:30:00 AM	80.69	80.69			N/A
1/18/2019	SGDJPY	11:30:00 AM	80.75	80.76			N/A
1/18/2019	SGDJPY	1:30:00 PM	80.68	80.7			N/A

1/18/2019	SGDJPY	3:30:00 PM	80.68	80.68			N/A
1/21/2019	SGDJPY	9:30:00 AM	80.6	80.62			N/A
1/21/2019	SGDJPY	11:30:00 AM					N/A
1/21/2019	SGDJPY	1:30:00 PM	80.6	80.62			N/A
1/21/2019	SGDJPY	3:30:00 PM	80.58	80.61			N/A
1/22/2019	SGDJPY	9:30:00 AM	80.34	80.37			N/A
1/22/2019	SGDJPY	11:30:00 AM	80.44	80.43			N/A
1/22/2019	SGDJPY	1:30:00 PM	80.35	80.38			N/A
1/22/2019	SGDJPY	3:30:00 PM	80.36	80.39			N/A
1/23/2019	SGDJPY	9:30:00 AM	80.63	80.64			N/A
1/23/2019	SGDJPY	11:30:00 AM					N/A
1/23/2019	SGDJPY	1:30:00 PM	80.64	80.65			N/A
1/23/2019	SGDJPY	3:30:00 PM	80.69	80.72			N/A
1/24/2019	SGDJPY	9:30:00 AM	80.64	80.66			N/A
1/24/2019	SGDJPY	11:30:00 AM	80.58	80.6			N/A
1/24/2019	SGDJPY	1:30:00 PM	80.67	80.67			N/A
1/24/2019	SGDJPY	3:30:00 PM	80.62	80.65			N/A
1/25/2019	SGDJPY	9:30:00 AM	80.84	80.86			N/A
1/25/2019	SGDJPY	11:30:00 AM					N/A
1/25/2019	SGDJPY	1:30:00 PM	80.89	80.91			N/A
1/25/2019	SGDJPY	3:30:00 PM	81	81.03			N/A
1/28/2019	SGDJPY	9:30:00 AM	80.81	80.81			N/A
1/28/2019	SGDJPY	11:30:00 AM	80.77	80.79			N/A
1/28/2019	SGDJPY	1:30:00 PM	80.83	80.86			N/A
1/28/2019	SGDJPY	3:30:00 PM	80.83	80.84			N/A
1/29/2019	SGDJPY	9:30:00 AM	80.74	80.77			N/A
1/29/2019	SGDJPY	11:30:00 AM					N/A
1/29/2019	SGDJPY	1:30:00 PM	80.89	80.92			N/A
1/29/2019	SGDJPY	3:30:00 PM	80.94	80.97			N/A
1/30/2019	SGDJPY	9:30:00 AM	80.86	80.86			N/A
1/30/2019	SGDJPY	11:30:00 AM	80.96	80.94			N/A
1/30/2019	SGDJPY	1:30:00 PM	80.98	81			N/A
1/30/2019	SGDJPY	3:30:00 PM	81.04	81.06			N/A
1/31/2019	SGDJPY	9:30:00 AM	80.81	80.83			N/A
1/31/2019	SGDJPY	11:30:00 AM					N/A
1/31/2019	SGDJPY	1:30:00 PM	80.71	80.73			N/A
1/31/2019	SGDJPY	3:30:00 PM	80.68	80.7			N/A
2/1/2019	SGDJPY	9:30:00 AM	80.76	80.74			N/A
2/1/2019	SGDJPY	11:30:00 AM	80.74	80.75			N/A
2/1/2019	SGDJPY	1:30:00 PM	80.72	80.74			N/A
2/1/2019	SGDJPY	3:30:00 PM	80.8	80.75			N/A
2/4/2019	SGDJPY	9:30:00 AM	81.11	81.13			N/A
2/4/2019	SGDJPY	11:30:00 AM					N/A
2/4/2019	SGDJPY	1:30:00 PM	81.21	81.22			N/A
2/4/2019	SGDJPY	3:30:00 PM	81.22	81.24			N/A
2/5/2019	SGDJPY	9:30:00 AM	81.26	81.29			N/A
2/5/2019	SGDJPY	11:30:00 AM	81.3	81.31			N/A
2/5/2019	SGDJPY	1:30:00 PM	81.27	81.29			N/A
2/5/2019	SGDJPY	3:30:00 PM	81.28	81.28			N/A
2/6/2019	SGDJPY	9:30:00 AM	80.99	81			N/A

2/6/2019	SGDJPY	11:30:00 AM					N/A
2/6/2019	SGDJPY	1:30:00 PM	81.03	81.04			N/A
2/6/2019	SGDJPY	3:30:00 PM	81.08	81.1			N/A
2/7/2019	SGDJPY	9:30:00 AM	81.1	81.11			N/A
2/7/2019	SGDJPY	11:30:00 AM	81.06	81.09			N/A
2/7/2019	SGDJPY	1:30:00 PM	80.92	80.94			N/A
2/7/2019	SGDJPY	3:30:00 PM	80.91	80.88			N/A
2/8/2019	SGDJPY	9:30:00 AM	80.86	80.89			N/A
2/8/2019	SGDJPY	11:30:00 AM					N/A
2/8/2019	SGDJPY	1:30:00 PM	80.99	81.02			N/A
2/8/2019	SGDJPY	3:30:00 PM	81.06	81.02			N/A
2/11/2019	SGDJPY	9:30:00 AM	81.08	81.07			N/A
2/11/2019	SGDJPY	11:30:00 AM	81.13	81.16			N/A
2/11/2019	SGDJPY	1:30:00 PM	81.09	81.12			N/A
2/11/2019	SGDJPY	3:30:00 PM	81.13	81.15			N/A
2/12/2019	SGDJPY	9:30:00 AM	81.38	81.38			N/A
2/12/2019	SGDJPY	11:30:00 AM					N/A
2/12/2019	SGDJPY	1:30:00 PM	81.41	81.4			N/A
2/12/2019	SGDJPY	3:30:00 PM	81.31	81.33			N/A
2/13/2019	SGDJPY	9:30:00 AM	81.61	81.64			N/A
2/13/2019	SGDJPY	11:30:00 AM	81.68	81.67			N/A
2/13/2019	SGDJPY	1:30:00 PM	81.63	81.62			N/A
2/13/2019	SGDJPY	3:30:00 PM	81.58	81.59			N/A
2/14/2019	SGDJPY	9:30:00 AM	81.85	81.87			N/A
2/14/2019	SGDJPY	11:30:00 AM					N/A
2/14/2019	SGDJPY	1:30:00 PM	81.72	81.75			N/A
2/14/2019	SGDJPY	3:30:00 PM	81.67	81.64			N/A
2/15/2019	SGDJPY	9:30:00 AM					N/A
2/15/2019	SGDJPY	11:30:00 AM					N/A
2/15/2019	SGDJPY	1:30:00 PM					N/A
2/15/2019	SGDJPY	3:30:00 PM					N/A
2/18/2019	SGDJPY	9:30:00 AM	81.56	81.57			N/A
2/18/2019	SGDJPY	11:30:00 AM					N/A
2/18/2019	SGDJPY	1:30:00 PM	81.51	81.54			N/A
2/18/2019	SGDJPY	3:30:00 PM	81.57	81.55			N/A
2/19/2019	SGDJPY	9:30:00 AM	81.53	81.56			N/A
2/19/2019	SGDJPY	11:30:00 AM	81.6	81.62			N/A
2/19/2019	SGDJPY	1:30:00 PM	81.59	81.62			N/A
2/19/2019	SGDJPY	3:30:00 PM	81.59	81.62			N/A
2/20/2019	SGDJPY	9:30:00 AM	81.95	81.97			N/A
2/20/2019	SGDJPY	11:30:00 AM					N/A
2/20/2019	SGDJPY	1:30:00 PM	81.94	81.97			N/A
2/20/2019	SGDJPY	3:30:00 PM	81.93	81.92			N/A
2/21/2019	SGDJPY	9:30:00 AM	81.91	81.91			N/A
2/21/2019	SGDJPY	11:30:00 AM	81.78	81.8			N/A
2/21/2019	SGDJPY	1:30:00 PM	81.88	81.86			N/A
2/21/2019	SGDJPY	3:30:00 PM	81.85	81.81			N/A
2/22/2019	SGDJPY	9:30:00 AM	81.86	81.85			N/A
2/22/2019	SGDJPY	11:30:00 AM					N/A
2/22/2019	SGDJPY	1:30:00 PM	81.97	81.97			N/A

2/22/2019	SGDJPY	3:30:00 PM	81.9	81.92			N/A
2/25/2019	SGDJPY	9:30:00 AM	81.93	81.94			N/A
2/25/2019	SGDJPY	11:30:00 AM	82.01	82			N/A
2/25/2019	SGDJPY	1:30:00 PM	82.08	82.1			N/A
2/25/2019	SGDJPY	3:30:00 PM	82.07	82.08			N/A
2/26/2019	SGDJPY	9:30:00 AM	82.05	82.08			N/A
2/26/2019	SGDJPY	11:30:00 AM					N/A
2/26/2019	SGDJPY	1:30:00 PM	82.15	82.12			N/A
2/26/2019	SGDJPY	3:30:00 PM	82.08	82.09			N/A
2/27/2019	SGDJPY	9:30:00 AM	81.91	81.89			N/A
2/27/2019	SGDJPY	11:30:00 AM	81.93	81.96			N/A
2/27/2019	SGDJPY	1:30:00 PM	81.96	81.97			N/A
2/27/2019	SGDJPY	3:30:00 PM	82.04	82.07			N/A
2/28/2019	SGDJPY	9:30:00 AM	82.12	82.11			N/A
2/28/2019	SGDJPY	11:30:00 AM					N/A
2/28/2019	SGDJPY	1:30:00 PM	82.17	82.14			N/A
2/28/2019	SGDJPY	3:30:00 PM	82.24	82.22			N/A
3/1/2019	SGDJPY	9:30:00 AM	82.67	82.67			N/A
3/1/2019	SGDJPY	11:30:00 AM	82.74	82.77			N/A
3/1/2019	SGDJPY	1:30:00 PM	82.7	82.71			N/A
3/1/2019	SGDJPY	3:30:00 PM	82.67	82.68			N/A
3/4/2019	SGDJPY	9:30:00 AM	82.69	82.7			N/A
3/4/2019	SGDJPY	11:30:00 AM					N/A
3/4/2019	SGDJPY	1:30:00 PM	82.56	82.55			N/A
3/4/2019	SGDJPY	3:30:00 PM	82.61	82.6			N/A
3/5/2019	SGDJPY	9:30:00 AM	82.57	82.59			N/A
3/5/2019	SGDJPY	11:30:00 AM	82.67	82.66			N/A
3/5/2019	SGDJPY	1:30:00 PM	82.58	82.6			N/A
3/5/2019	SGDJPY	3:30:00 PM	82.52	82.54			N/A
3/6/2019	SGDJPY	9:30:00 AM	82.32	82.35			N/A
3/6/2019	SGDJPY	11:30:00 AM					N/A
3/6/2019	SGDJPY	1:30:00 PM	82.4	82.39			N/A
3/6/2019	SGDJPY	3:30:00 PM	82.3	82.3			N/A
3/7/2019	SGDJPY	9:30:00 AM	82.31	82.33			N/A
3/7/2019	SGDJPY	11:30:00 AM	82.32	82.32			N/A
3/7/2019	SGDJPY	1:30:00 PM	82.27	82.3			N/A
3/7/2019	SGDJPY	3:30:00 PM	82.27	82.29			N/A
3/8/2019	SGDJPY	9:30:00 AM	81.63	81.62			N/A
3/8/2019	SGDJPY	11:30:00 AM					N/A
3/8/2019	SGDJPY	1:30:00 PM	81.71	81.74			N/A
3/8/2019	SGDJPY	3:30:00 PM	81.67	81.57			N/A
3/11/2019	SGDJPY	9:30:00 AM	81.81	81.84			N/A
3/11/2019	SGDJPY	11:30:00 AM	81.8	81.83			N/A
3/11/2019	SGDJPY	1:30:00 PM	81.82	81.79			N/A
3/11/2019	SGDJPY	3:30:00 PM	81.71	81.74			N/A
3/12/2019	SGDJPY	9:30:00 AM	82.08	82.08			N/A
3/12/2019	SGDJPY	11:30:00 AM					N/A
3/12/2019	SGDJPY	1:30:00 PM	81.93	81.92			N/A
3/12/2019	SGDJPY	3:30:00 PM	81.93	81.95			N/A
3/13/2019	SGDJPY	9:30:00 AM	82.03	82.05			N/A

3/13/2019	SGDJPY	11:30:00 AM	82.11	82.13			N/A
3/13/2019	SGDJPY	1:30:00 PM	82.13	82.13			N/A
3/13/2019	SGDJPY	3:30:00 PM	82.1	82.12			N/A
3/14/2019	SGDJPY	9:30:00 AM	82.38	82.33			N/A
3/14/2019	SGDJPY	11:30:00 AM					N/A
3/14/2019	SGDJPY	1:30:00 PM	82.26	82.28			N/A
3/14/2019	SGDJPY	3:30:00 PM	82.26	82.28			N/A
3/15/2019	SGDJPY	9:30:00 AM	82.42	82.45			N/A
3/15/2019	SGDJPY	11:30:00 AM	82.44	82.46			N/A
3/15/2019	SGDJPY	1:30:00 PM	82.49	82.5			N/A
3/15/2019	SGDJPY	3:30:00 PM	82.36	82.38			N/A
3/18/2019	SGDJPY	9:30:00 AM	82.54	82.54			N/A
3/18/2019	SGDJPY	11:30:00 AM					N/A
3/18/2019	SGDJPY	1:30:00 PM	82.51	82.5			N/A
3/18/2019	SGDJPY	3:30:00 PM	82.49	82.52			N/A
3/19/2019	SGDJPY	9:30:00 AM	82.31	82.34			N/A
3/19/2019	SGDJPY	11:30:00 AM	82.38	82.39			N/A
3/19/2019	SGDJPY	1:30:00 PM	82.38	82.39			N/A
3/19/2019	SGDJPY	3:30:00 PM	82.5	82.49			N/A
3/20/2019	SGDJPY	9:30:00 AM	82.53	82.55			N/A
3/20/2019	SGDJPY	11:30:00 AM					N/A
3/20/2019	SGDJPY	1:30:00 PM	82.57	82.58			N/A
3/20/2019	SGDJPY	3:30:00 PM	82.5	82.53			N/A
3/21/2019	SGDJPY	9:30:00 AM	81.99	82.01			N/A
3/21/2019	SGDJPY	11:30:00 AM	81.91	81.93			N/A
3/21/2019	SGDJPY	1:30:00 PM	81.95	81.98			N/A
3/21/2019	SGDJPY	3:30:00 PM	82.01	82.02			N/A
3/22/2019	SGDJPY	9:30:00 AM	82.12	82.11			N/A
3/22/2019	SGDJPY	11:30:00 AM					N/A
3/22/2019	SGDJPY	1:30:00 PM	81.69	81.72			N/A
3/22/2019	SGDJPY	3:30:00 PM	81.62	81.62			N/A
3/25/2019	SGDJPY	9:30:00 AM	81.39	81.42			N/A
3/25/2019	SGDJPY	11:30:00 AM	81.59	81.56			N/A
3/25/2019	SGDJPY	1:30:00 PM	81.49	81.52			N/A
3/25/2019	SGDJPY	3:30:00 PM	81.49	81.49			N/A
3/26/2019	SGDJPY	9:30:00 AM	81.54	81.56			N/A
3/26/2019	SGDJPY	11:30:00 AM					N/A
3/26/2019	SGDJPY	1:30:00 PM	81.73	81.74			N/A
3/26/2019	SGDJPY	3:30:00 PM	81.75	81.77			N/A
3/27/2019	SGDJPY	9:30:00 AM	81.65	81.65			N/A
3/27/2019	SGDJPY	11:30:00 AM	81.69	81.7			N/A
3/27/2019	SGDJPY	1:30:00 PM	81.46	81.48			N/A
3/27/2019	SGDJPY	3:30:00 PM	81.54	81.56			N/A
3/28/2019	SGDJPY	9:30:00 AM	81.32	81.34			N/A
3/28/2019	SGDJPY	11:30:00 AM					N/A
3/28/2019	SGDJPY	1:30:00 PM	81.27	81.3			N/A
3/28/2019	SGDJPY	3:30:00 PM	81.53	81.55			N/A
3/29/2019	SGDJPY	9:30:00 AM	81.63	81.66			N/A
3/29/2019	SGDJPY	11:30:00 AM	81.71	81.73			N/A
3/29/2019	SGDJPY	1:30:00 PM	81.77	81.76			N/A

3/29/2019	SGDJPY	3:30:00 PM	81.78	81.81			N/A
1/1/2019	SILVER	9:30:00 AM					N/A
1/1/2019	SILVER	11:30:00 AM					N/A
1/1/2019	SILVER	1:30:00 PM					N/A
1/1/2019	SILVER	3:30:00 PM					N/A
1/2/2019	SILVER	9:30:00 AM					N/A
1/2/2019	SILVER	11:30:00 AM					N/A
1/2/2019	SILVER	1:30:00 PM					N/A
1/2/2019	SILVER	3:30:00 PM					N/A
1/3/2019	SILVER	9:30:00 AM					N/A
1/3/2019	SILVER	11:30:00 AM					N/A
1/3/2019	SILVER	1:30:00 PM					N/A
1/3/2019	SILVER	3:30:00 PM					N/A
1/4/2019	SILVER	9:30:00 AM					N/A
1/4/2019	SILVER	11:30:00 AM					N/A
1/4/2019	SILVER	1:30:00 PM					N/A
1/4/2019	SILVER	3:30:00 PM					N/A
1/7/2019	SILVER	9:30:00 AM	15.55	15.94			N/A
1/7/2019	SILVER	11:30:00 AM					N/A
1/7/2019	SILVER	1:30:00 PM	15.57	15.95			N/A
1/7/2019	SILVER	3:30:00 PM	15.58	15.97			N/A
1/8/2019	SILVER	9:30:00 AM	15.36	15.74			N/A
1/8/2019	SILVER	11:30:00 AM	15.41	15.79			N/A
1/8/2019	SILVER	1:30:00 PM	15.4	15.79			N/A
1/8/2019	SILVER	3:30:00 PM	15.41	15.78			N/A
1/9/2019	SILVER	9:30:00 AM	15.42	15.8			N/A
1/9/2019	SILVER	11:30:00 AM					N/A
1/9/2019	SILVER	1:30:00 PM	15.42	15.8			N/A
1/9/2019	SILVER	3:30:00 PM	15.5	15.86			N/A
1/10/2019	SILVER	9:30:00 AM	15.54	15.91			N/A
1/10/2019	SILVER	11:30:00 AM	15.53	15.91			N/A
1/10/2019	SILVER	1:30:00 PM	15.53	15.91			N/A
1/10/2019	SILVER	3:30:00 PM	15.52	15.88			N/A
1/11/2019	SILVER	9:30:00 AM	15.53	15.92			N/A
1/11/2019	SILVER	11:30:00 AM					N/A
1/11/2019	SILVER	1:30:00 PM	15.51	15.88			N/A
1/11/2019	SILVER	3:30:00 PM	15.51	15.88			N/A
1/14/2019	SILVER	9:30:00 AM	15.36	15.75			N/A
1/14/2019	SILVER	11:30:00 AM	15.4	15.77			N/A
1/14/2019	SILVER	1:30:00 PM	15.4	15.78			N/A
1/14/2019	SILVER	3:30:00 PM	15.43	15.81			N/A
1/15/2019	SILVER	9:30:00 AM	15.46	15.83			N/A
1/15/2019	SILVER	11:30:00 AM					N/A
1/15/2019	SILVER	1:30:00 PM	15.37	15.75			N/A
1/15/2019	SILVER	3:30:00 PM	15.38	15.76			N/A
1/16/2019	SILVER	9:30:00 AM	15.39	15.78			N/A
1/16/2019	SILVER	11:30:00 AM	15.41	15.8			N/A
1/16/2019	SILVER	1:30:00 PM	15.39	15.77			N/A
1/16/2019	SILVER	3:30:00 PM	15.36	15.74			N/A
1/17/2019	SILVER	9:30:00 AM	15.35	15.73			N/A

1/17/2019	SILVER	11:30:00 AM					N/A
1/17/2019	SILVER	1:30:00 PM	15.4	15.78			N/A
1/17/2019	SILVER	3:30:00 PM	15.36	15.72			N/A
1/18/2019	SILVER	9:30:00 AM	15.34	15.72			N/A
1/18/2019	SILVER	11:30:00 AM	15.27	15.65			N/A
1/18/2019	SILVER	1:30:00 PM	15.28	15.66			N/A
1/18/2019	SILVER	3:30:00 PM	15.2	15.58			N/A
1/21/2019	SILVER	9:30:00 AM	15.14	15.53			N/A
1/21/2019	SILVER	11:30:00 AM					N/A
1/21/2019	SILVER	1:30:00 PM	15.03	15.41			N/A
1/21/2019	SILVER	3:30:00 PM	15.01	15.4			N/A
1/22/2019	SILVER	9:30:00 AM	15.07	15.45			N/A
1/22/2019	SILVER	11:30:00 AM	15.12	15.5			N/A
1/22/2019	SILVER	1:30:00 PM	15.09	15.47			N/A
1/22/2019	SILVER	3:30:00 PM	15.11	15.49			N/A
1/23/2019	SILVER	9:30:00 AM	15.21	15.59			N/A
1/23/2019	SILVER	11:30:00 AM					N/A
1/23/2019	SILVER	1:30:00 PM	15.22	15.61			N/A
1/23/2019	SILVER	3:30:00 PM	15.16	15.54			N/A
1/24/2019	SILVER	9:30:00 AM	15.12	15.5			N/A
1/24/2019	SILVER	11:30:00 AM	15.09	15.47			N/A
1/24/2019	SILVER	1:30:00 PM	15.1	15.48			N/A
1/24/2019	SILVER	3:30:00 PM	15.07	15.45			N/A
1/25/2019	SILVER	9:30:00 AM	15.19	15.58			N/A
1/25/2019	SILVER	11:30:00 AM					N/A
1/25/2019	SILVER	1:30:00 PM	15.18	15.57			N/A
1/25/2019	SILVER	3:30:00 PM	15.23	15.59			N/A
1/28/2019	SILVER	9:30:00 AM	15.58	15.96			N/A
1/28/2019	SILVER	11:30:00 AM	15.54	15.92			N/A
1/28/2019	SILVER	1:30:00 PM	15.53	15.91			N/A
1/28/2019	SILVER	3:30:00 PM	15.49	15.87			N/A
1/29/2019	SILVER	9:30:00 AM	15.64	16.02			N/A
1/29/2019	SILVER	11:30:00 AM					N/A
1/29/2019	SILVER	1:30:00 PM	15.67	16.05			N/A
1/29/2019	SILVER	3:30:00 PM	15.67	16.06			N/A
1/30/2019	SILVER	9:30:00 AM	15.74	16.11			N/A
1/30/2019	SILVER	11:30:00 AM	15.74	16.12			N/A
1/30/2019	SILVER	1:30:00 PM	15.74	16.11			N/A
1/30/2019	SILVER	3:30:00 PM	15.68	16.06			N/A
1/31/2019	SILVER	9:30:00 AM	15.85	16.23			N/A
1/31/2019	SILVER	11:30:00 AM					N/A
1/31/2019	SILVER	1:30:00 PM	15.9	16.29			N/A
1/31/2019	SILVER	3:30:00 PM	15.93	16.3			N/A
2/1/2019	SILVER	9:30:00 AM	15.73	16.12			N/A
2/1/2019	SILVER	11:30:00 AM	15.74	16.12			N/A
2/1/2019	SILVER	1:30:00 PM	15.81	16.19			N/A
2/1/2019	SILVER	3:30:00 PM	15.8	16.12			N/A
2/4/2019	SILVER	9:30:00 AM	15.64	16.02			N/A
2/4/2019	SILVER	11:30:00 AM					N/A
2/4/2019	SILVER	1:30:00 PM	15.55	15.93			N/A

2/4/2019	SILVER	3:30:00 PM	15.54	15.93			N/A
2/5/2019	SILVER	9:30:00 AM	15.71	16.1			N/A
2/5/2019	SILVER	11:30:00 AM	15.66	16.04			N/A
2/5/2019	SILVER	1:30:00 PM	15.67	16.06			N/A
2/5/2019	SILVER	3:30:00 PM	15.69	16.06			N/A
2/6/2019	SILVER	9:30:00 AM	15.59	15.97			N/A
2/6/2019	SILVER	11:30:00 AM					N/A
2/6/2019	SILVER	1:30:00 PM	15.54	15.93			N/A
2/6/2019	SILVER	3:30:00 PM	15.56	15.94			N/A
2/7/2019	SILVER	9:30:00 AM	15.48	15.86			N/A
2/7/2019	SILVER	11:30:00 AM	15.51	15.89			N/A
2/7/2019	SILVER	1:30:00 PM	15.54	15.92			N/A
2/7/2019	SILVER	3:30:00 PM	15.47	15.84			N/A
2/8/2019	SILVER	9:30:00 AM	15.47	15.85			N/A
2/8/2019	SILVER	11:30:00 AM					N/A
2/8/2019	SILVER	1:30:00 PM	15.59	15.96			N/A
2/8/2019	SILVER	3:30:00 PM	15.66	16.04			N/A
2/11/2019	SILVER	9:30:00 AM	15.56	15.94			N/A
2/11/2019	SILVER	11:30:00 AM	15.54	15.93			N/A
2/11/2019	SILVER	1:30:00 PM	15.53	15.91			N/A
2/11/2019	SILVER	3:30:00 PM	15.52	15.89			N/A
2/12/2019	SILVER	9:30:00 AM	15.6	15.98			N/A
2/12/2019	SILVER	11:30:00 AM					N/A
2/12/2019	SILVER	1:30:00 PM	15.63	16			N/A
2/12/2019	SILVER	3:30:00 PM	15.58	15.96			N/A
2/13/2019	SILVER	9:30:00 AM	15.55	15.93			N/A
2/13/2019	SILVER	11:30:00 AM	15.52	15.9			N/A
2/13/2019	SILVER	1:30:00 PM	15.48	15.86			N/A
2/13/2019	SILVER	3:30:00 PM	15.48	15.86			N/A
2/14/2019	SILVER	9:30:00 AM	15.48	15.85			N/A
2/14/2019	SILVER	11:30:00 AM					N/A
2/14/2019	SILVER	1:30:00 PM	15.38	15.77			N/A
2/14/2019	SILVER	3:30:00 PM	15.37	15.74			N/A
2/15/2019	SILVER	9:30:00 AM					N/A
2/15/2019	SILVER	11:30:00 AM					N/A
2/15/2019	SILVER	1:30:00 PM					N/A
2/15/2019	SILVER	3:30:00 PM					N/A
2/18/2019	SILVER	9:30:00 AM	15.61	15.99			N/A
2/18/2019	SILVER	11:30:00 AM					N/A
2/18/2019	SILVER	1:30:00 PM	15.61	15.98			N/A
2/18/2019	SILVER	3:30:00 PM	15.63	16			N/A
2/19/2019	SILVER	9:30:00 AM	15.58	15.96			N/A
2/19/2019	SILVER	11:30:00 AM	15.65	16.03			N/A
2/19/2019	SILVER	1:30:00 PM	15.61	16			N/A
2/19/2019	SILVER	3:30:00 PM	15.66	16.05			N/A
2/20/2019	SILVER	9:30:00 AM	15.82	16.19			N/A
2/20/2019	SILVER	11:30:00 AM					N/A
2/20/2019	SILVER	1:30:00 PM	15.86	16.24			N/A
2/20/2019	SILVER	3:30:00 PM	15.84	16.21			N/A
2/21/2019	SILVER	9:30:00 AM	15.79	16.17			N/A

2/21/2019	SILVER	11:30:00 AM	15.67	16.05			N/A
2/21/2019	SILVER	1:30:00 PM	15.71	16.09			N/A
2/21/2019	SILVER	3:30:00 PM	15.76	16.14			N/A
2/22/2019	SILVER	9:30:00 AM	15.68	16.06			N/A
2/22/2019	SILVER	11:30:00 AM					N/A
2/22/2019	SILVER	1:30:00 PM	15.66	16.05			N/A
2/22/2019	SILVER	3:30:00 PM	15.69	16.08			N/A
2/25/2019	SILVER	9:30:00 AM	15.79	16.16			N/A
2/25/2019	SILVER	11:30:00 AM	15.76	16.14			N/A
2/25/2019	SILVER	1:30:00 PM	15.79	16.17			N/A
2/25/2019	SILVER	3:30:00 PM	15.71	16.09			N/A
2/26/2019	SILVER	9:30:00 AM	15.68	16.07			N/A
2/26/2019	SILVER	11:30:00 AM					N/A
2/26/2019	SILVER	1:30:00 PM	15.65	16.03			N/A
2/26/2019	SILVER	3:30:00 PM	15.66	16.02			N/A
2/27/2019	SILVER	9:30:00 AM	15.67	16.06			N/A
2/27/2019	SILVER	11:30:00 AM	15.65	16.02			N/A
2/27/2019	SILVER	1:30:00 PM	15.67	16.04			N/A
2/27/2019	SILVER	3:30:00 PM	15.66	16.05			N/A
2/28/2019	SILVER	9:30:00 AM	15.58	15.95			N/A
2/28/2019	SILVER	11:30:00 AM					N/A
2/28/2019	SILVER	1:30:00 PM	15.62	15.99			N/A
2/28/2019	SILVER	3:30:00 PM	15.59	15.95			N/A
3/1/2019	SILVER	9:30:00 AM	15.38	15.76			N/A
3/1/2019	SILVER	11:30:00 AM	15.32	15.7			N/A
3/1/2019	SILVER	1:30:00 PM	15.36	15.74			N/A
3/1/2019	SILVER	3:30:00 PM	15.3	15.68			N/A
3/4/2019	SILVER	9:30:00 AM	15.01	15.4			N/A
3/4/2019	SILVER	11:30:00 AM					N/A
3/4/2019	SILVER	1:30:00 PM	14.96	15.35			N/A
3/4/2019	SILVER	3:30:00 PM	14.96	15.34			N/A
3/5/2019	SILVER	9:30:00 AM	14.89	15.27			N/A
3/5/2019	SILVER	11:30:00 AM	14.88	15.26			N/A
3/5/2019	SILVER	1:30:00 PM	14.89	15.27			N/A
3/5/2019	SILVER	3:30:00 PM	14.91	15.3			N/A
3/6/2019	SILVER	9:30:00 AM	14.95	15.33			N/A
3/6/2019	SILVER	11:30:00 AM					N/A
3/6/2019	SILVER	1:30:00 PM	14.9	15.28			N/A
3/6/2019	SILVER	3:30:00 PM	14.91	15.28			N/A
3/7/2019	SILVER	9:30:00 AM	14.85	15.24			N/A
3/7/2019	SILVER	11:30:00 AM	14.9	15.27			N/A
3/7/2019	SILVER	1:30:00 PM	14.89	15.27			N/A
3/7/2019	SILVER	3:30:00 PM	14.85	15.23			N/A
3/8/2019	SILVER	9:30:00 AM	14.9	15.29			N/A
3/8/2019	SILVER	11:30:00 AM					N/A
3/8/2019	SILVER	1:30:00 PM	14.92	15.3			N/A
3/8/2019	SILVER	3:30:00 PM	14.98	15.34			N/A
3/11/2019	SILVER	9:30:00 AM	15.12	15.51			N/A
3/11/2019	SILVER	11:30:00 AM	15.13	15.5			N/A
3/11/2019	SILVER	1:30:00 PM	15.1	15.49			N/A

3/11/2019	SILVER	3:30:00 PM	15.12	15.5			N/A
3/12/2019	SILVER	9:30:00 AM	15.19	15.57			N/A
3/12/2019	SILVER	11:30:00 AM					N/A
3/12/2019	SILVER	1:30:00 PM	15.22	15.59			N/A
3/12/2019	SILVER	3:30:00 PM	15.24	15.61			N/A
3/13/2019	SILVER	9:30:00 AM	15.26	15.64			N/A
3/13/2019	SILVER	11:30:00 AM	15.32	15.69			N/A
3/13/2019	SILVER	1:30:00 PM	15.32	15.7			N/A
3/13/2019	SILVER	3:30:00 PM	15.28	15.66			N/A
3/14/2019	SILVER	9:30:00 AM	15.13	15.5			N/A
3/14/2019	SILVER	11:30:00 AM					N/A
3/14/2019	SILVER	1:30:00 PM	15.03	15.42			N/A
3/14/2019	SILVER	3:30:00 PM	15	15.36			N/A
3/15/2019	SILVER	9:30:00 AM	15.17	15.54			N/A
3/15/2019	SILVER	11:30:00 AM	15.17	15.55			N/A
3/15/2019	SILVER	1:30:00 PM	15.18	15.57			N/A
3/15/2019	SILVER	3:30:00 PM	15.16	15.54			N/A
3/18/2019	SILVER	9:30:00 AM	15.13	15.52			N/A
3/18/2019	SILVER	11:30:00 AM					N/A
3/18/2019	SILVER	1:30:00 PM	15.16	15.55			N/A
3/18/2019	SILVER	3:30:00 PM	15.2	15.57			N/A
3/19/2019	SILVER	9:30:00 AM	15.17	15.55			N/A
3/19/2019	SILVER	11:30:00 AM	15.18	15.56			N/A
3/19/2019	SILVER	1:30:00 PM	15.2	15.58			N/A
3/19/2019	SILVER	3:30:00 PM	15.24	15.62			N/A
3/20/2019	SILVER	9:30:00 AM	15.13	15.51			N/A
3/20/2019	SILVER	11:30:00 AM					N/A
3/20/2019	SILVER	1:30:00 PM	15.12	15.5			N/A
3/20/2019	SILVER	3:30:00 PM	15.22	15.6			N/A
3/21/2019	SILVER	9:30:00 AM	15.43	15.81			N/A
3/21/2019	SILVER	11:30:00 AM	15.4	15.79			N/A
3/21/2019	SILVER	1:30:00 PM	15.37	15.75			N/A
3/21/2019	SILVER	3:30:00 PM	15.32	15.7			N/A
3/22/2019	SILVER	9:30:00 AM	15.34	15.73			N/A
3/22/2019	SILVER	11:30:00 AM					N/A
3/22/2019	SILVER	1:30:00 PM	15.29	15.65			N/A
3/22/2019	SILVER	3:30:00 PM	15.22	15.6			N/A
3/25/2019	SILVER	9:30:00 AM	15.3	15.69			N/A
3/25/2019	SILVER	11:30:00 AM	15.31	15.68			N/A
3/25/2019	SILVER	1:30:00 PM	15.33	15.71			N/A
3/25/2019	SILVER	3:30:00 PM	15.31	15.7			N/A
3/26/2019	SILVER	9:30:00 AM	15.27	15.65			N/A
3/26/2019	SILVER	11:30:00 AM					N/A
3/26/2019	SILVER	1:30:00 PM	15.26	15.65			N/A
3/26/2019	SILVER	3:30:00 PM	15.3	15.69			N/A
3/27/2019	SILVER	9:30:00 AM	15.21	15.59			N/A
3/27/2019	SILVER	11:30:00 AM	15.21	15.6			N/A
3/27/2019	SILVER	1:30:00 PM	15.26	15.65			N/A
3/27/2019	SILVER	3:30:00 PM	15.19	15.57			N/A
3/28/2019	SILVER	9:30:00 AM	15.11	15.49			N/A

3/28/2019	SILVER	11:30:00 AM					N/A
3/28/2019	SILVER	1:30:00 PM	15.01	15.39			N/A
3/28/2019	SILVER	3:30:00 PM	14.9	15.29			N/A
3/29/2019	SILVER	9:30:00 AM	14.82	15.2			N/A
3/29/2019	SILVER	11:30:00 AM	14.89	15.27			N/A
3/29/2019	SILVER	1:30:00 PM	14.88	15.27			N/A
3/29/2019	SILVER	3:30:00 PM	14.99	15.37			N/A
1/1/2019	USDCAD	9:30:00 AM					N/A
1/1/2019	USDCAD	11:30:00 AM					N/A
1/1/2019	USDCAD	1:30:00 PM					N/A
1/1/2019	USDCAD	3:30:00 PM					N/A
1/2/2019	USDCAD	9:30:00 AM					N/A
1/2/2019	USDCAD	11:30:00 AM					N/A
1/2/2019	USDCAD	1:30:00 PM					N/A
1/2/2019	USDCAD	3:30:00 PM					N/A
1/3/2019	USDCAD	9:30:00 AM					N/A
1/3/2019	USDCAD	11:30:00 AM					N/A
1/3/2019	USDCAD	1:30:00 PM					N/A
1/3/2019	USDCAD	3:30:00 PM					N/A
1/4/2019	USDCAD	9:30:00 AM					N/A
1/4/2019	USDCAD	11:30:00 AM					N/A
1/4/2019	USDCAD	1:30:00 PM					N/A
1/4/2019	USDCAD	3:30:00 PM					N/A
1/7/2019	USDCAD	9:30:00 AM	1.33634	1.33629			N/A
1/7/2019	USDCAD	11:30:00 AM					N/A
1/7/2019	USDCAD	1:30:00 PM	1.33651	1.3366			N/A
1/7/2019	USDCAD	3:30:00 PM	1.33444	1.33404			N/A
1/8/2019	USDCAD	9:30:00 AM	1.32813	1.32818			N/A
1/8/2019	USDCAD	11:30:00 AM	1.32693	1.32696			N/A
1/8/2019	USDCAD	1:30:00 PM	1.32851	1.32854			N/A
1/8/2019	USDCAD	3:30:00 PM	1.32955	1.32955			N/A
1/9/2019	USDCAD	9:30:00 AM	1.32297	1.32309			N/A
1/9/2019	USDCAD	11:30:00 AM					N/A
1/9/2019	USDCAD	1:30:00 PM	1.32472	1.3244			N/A
1/9/2019	USDCAD	3:30:00 PM	1.32352	1.32358			N/A
1/10/2019	USDCAD	9:30:00 AM	1.32411	1.32403			N/A
1/10/2019	USDCAD	11:30:00 AM	1.32383	1.32389			N/A
1/10/2019	USDCAD	1:30:00 PM	1.32139	1.32142			N/A
1/10/2019	USDCAD	3:30:00 PM	1.3221	1.32177			N/A
1/11/2019	USDCAD	9:30:00 AM	1.32021	1.32028			N/A
1/11/2019	USDCAD	11:30:00 AM					N/A
1/11/2019	USDCAD	1:30:00 PM	1.32003	1.32			N/A
1/11/2019	USDCAD	3:30:00 PM	1.32222	1.32161			N/A
1/14/2019	USDCAD	9:30:00 AM	1.32926	1.32928			N/A
1/14/2019	USDCAD	11:30:00 AM	1.32681	1.32681			N/A
1/14/2019	USDCAD	1:30:00 PM	1.32812	1.32799			N/A
1/14/2019	USDCAD	3:30:00 PM	1.32724	1.32727			N/A
1/15/2019	USDCAD	9:30:00 AM	1.32577	1.32571			N/A
1/15/2019	USDCAD	11:30:00 AM					N/A
1/15/2019	USDCAD	1:30:00 PM	1.32574	1.32578			N/A

1/15/2019	USDCAD	3:30:00 PM	1.32607	1.32516			N/A
1/16/2019	USDCAD	9:30:00 AM	1.3252	1.32532			N/A
1/16/2019	USDCAD	11:30:00 AM	1.32601	1.32605			N/A
1/16/2019	USDCAD	1:30:00 PM	1.32752	1.32746			N/A
1/16/2019	USDCAD	3:30:00 PM	1.32604	1.32586			N/A
1/17/2019	USDCAD	9:30:00 AM	1.3293	1.32934			N/A
1/17/2019	USDCAD	11:30:00 AM					N/A
1/17/2019	USDCAD	1:30:00 PM	1.32835	1.32842			N/A
1/17/2019	USDCAD	3:30:00 PM	1.3316	1.33126			N/A
1/18/2019	USDCAD	9:30:00 AM	1.32651	1.32653			N/A
1/18/2019	USDCAD	11:30:00 AM	1.3273	1.32737			N/A
1/18/2019	USDCAD	1:30:00 PM	1.3258	1.32599			N/A
1/18/2019	USDCAD	3:30:00 PM	1.32425	1.32338	2000	1	N/A
1/21/2019	USDCAD	9:30:00 AM	1.3271	1.32712			N/A
1/21/2019	USDCAD	11:30:00 AM					N/A
1/21/2019	USDCAD	1:30:00 PM	1.32941	1.32948			N/A
1/21/2019	USDCAD	3:30:00 PM	1.33064	1.33067			N/A
1/22/2019	USDCAD	9:30:00 AM	1.33352	1.33339			N/A
1/22/2019	USDCAD	11:30:00 AM	1.33313	1.33304			N/A
1/22/2019	USDCAD	1:30:00 PM	1.33275	1.3328			N/A
1/22/2019	USDCAD	3:30:00 PM	1.33314	1.3326			N/A
1/23/2019	USDCAD	9:30:00 AM	1.33275	1.33281			N/A
1/23/2019	USDCAD	11:30:00 AM					N/A
1/23/2019	USDCAD	1:30:00 PM	1.33188	1.332			N/A
1/23/2019	USDCAD	3:30:00 PM	1.33295	1.33204			N/A
1/24/2019	USDCAD	9:30:00 AM	1.33624	1.33629			N/A
1/24/2019	USDCAD	11:30:00 AM	1.33548	1.33536			N/A
1/24/2019	USDCAD	1:30:00 PM	1.33583	1.33578			N/A
1/24/2019	USDCAD	3:30:00 PM	1.33609	1.33593			N/A
1/25/2019	USDCAD	9:30:00 AM	1.33149	1.33143			N/A
1/25/2019	USDCAD	11:30:00 AM					N/A
1/25/2019	USDCAD	1:30:00 PM	1.33166	1.33171			N/A
1/25/2019	USDCAD	3:30:00 PM	1.33086	1.33083			N/A
1/28/2019	USDCAD	9:30:00 AM	1.3218	1.32166			N/A
1/28/2019	USDCAD	11:30:00 AM	1.32247	1.32248			N/A
1/28/2019	USDCAD	1:30:00 PM	1.32234	1.32245			N/A
1/28/2019	USDCAD	3:30:00 PM	1.32479	1.32484			N/A
1/29/2019	USDCAD	9:30:00 AM	1.32574	1.3259			N/A
1/29/2019	USDCAD	11:30:00 AM					N/A
1/29/2019	USDCAD	1:30:00 PM	1.32638	1.32634			N/A
1/29/2019	USDCAD	3:30:00 PM	1.32601	1.32605			N/A
1/30/2019	USDCAD	9:30:00 AM	1.32596	1.32594			N/A
1/30/2019	USDCAD	11:30:00 AM	1.32465	1.3247			N/A
1/30/2019	USDCAD	1:30:00 PM	1.32342	1.32359			N/A
1/30/2019	USDCAD	3:30:00 PM	1.32185	1.3217			N/A
1/31/2019	USDCAD	9:30:00 AM	1.31273	1.31267			N/A
1/31/2019	USDCAD	11:30:00 AM					N/A
1/31/2019	USDCAD	1:30:00 PM	1.31348	1.31345			N/A
1/31/2019	USDCAD	3:30:00 PM	1.31482	1.31334	2000	5000	N/A
2/1/2019	USDCAD	9:30:00 AM	1.31542	1.31536			N/A

2/1/2019	USDCAD	11:30:00 AM	1.31501	1.315			N/A
2/1/2019	USDCAD	1:30:00 PM	1.31405	1.31411			N/A
2/1/2019	USDCAD	3:30:00 PM	1.31413	1.31242	100	2	N/A
2/4/2019	USDCAD	9:30:00 AM	1.30998	1.3101			N/A
2/4/2019	USDCAD	11:30:00 AM					N/A
2/4/2019	USDCAD	1:30:00 PM	1.30969	1.30975			N/A
2/4/2019	USDCAD	3:30:00 PM	1.31163	1.31171			N/A
2/5/2019	USDCAD	9:30:00 AM	1.31092	1.31106			N/A
2/5/2019	USDCAD	11:30:00 AM	1.31082	1.31091			N/A
2/5/2019	USDCAD	1:30:00 PM	1.31099	1.31085			N/A
2/5/2019	USDCAD	3:30:00 PM	1.31264	1.31243			N/A
2/6/2019	USDCAD	9:30:00 AM	1.31825	1.31822			N/A
2/6/2019	USDCAD	11:30:00 AM					N/A
2/6/2019	USDCAD	1:30:00 PM	1.31966	1.31978			N/A
2/6/2019	USDCAD	3:30:00 PM	1.31799	1.31769			N/A
2/7/2019	USDCAD	9:30:00 AM	1.3244	1.32456			N/A
2/7/2019	USDCAD	11:30:00 AM	1.32395	1.32404			N/A
2/7/2019	USDCAD	1:30:00 PM	1.3252	1.32528			N/A
2/7/2019	USDCAD	3:30:00 PM	1.32789	1.32773		100	N/A
2/8/2019	USDCAD	9:30:00 AM	1.33182	1.3318			N/A
2/8/2019	USDCAD	11:30:00 AM					N/A
2/8/2019	USDCAD	1:30:00 PM	1.33178	1.33188			N/A
2/8/2019	USDCAD	3:30:00 PM	1.32727	1.32422			N/A
2/11/2019	USDCAD	9:30:00 AM	1.3286	1.32876			N/A
2/11/2019	USDCAD	11:30:00 AM	1.32789	1.3278			N/A
2/11/2019	USDCAD	1:30:00 PM	1.32669	1.32665			N/A
2/11/2019	USDCAD	3:30:00 PM	1.32797	1.32788			N/A
2/12/2019	USDCAD	9:30:00 AM	1.32799	1.32798			N/A
2/12/2019	USDCAD	11:30:00 AM					N/A
2/12/2019	USDCAD	1:30:00 PM	1.3271	1.32704			N/A
2/12/2019	USDCAD	3:30:00 PM	1.32573	1.32562			N/A
2/13/2019	USDCAD	9:30:00 AM	1.32131	1.3213			N/A
2/13/2019	USDCAD	11:30:00 AM	1.32295	1.32281			N/A
2/13/2019	USDCAD	1:30:00 PM	1.32366	1.32383			N/A
2/13/2019	USDCAD	3:30:00 PM	1.32525	1.32463	100	100	N/A
2/14/2019	USDCAD	9:30:00 AM	1.32347	1.32346			N/A
2/14/2019	USDCAD	11:30:00 AM					N/A
2/14/2019	USDCAD	1:30:00 PM	1.32625	1.32635			N/A
2/14/2019	USDCAD	3:30:00 PM	1.32768	1.32677			N/A
2/15/2019	USDCAD	9:30:00 AM					N/A
2/15/2019	USDCAD	11:30:00 AM					N/A
2/15/2019	USDCAD	1:30:00 PM					N/A
2/15/2019	USDCAD	3:30:00 PM					N/A
2/18/2019	USDCAD	9:30:00 AM	1.32316	1.32312			N/A
2/18/2019	USDCAD	11:30:00 AM					N/A
2/18/2019	USDCAD	1:30:00 PM	1.32406	1.32408			N/A
2/18/2019	USDCAD	3:30:00 PM	1.32341	1.3235			N/A
2/19/2019	USDCAD	9:30:00 AM	1.32533	1.32547			N/A
2/19/2019	USDCAD	11:30:00 AM	1.32609	1.32604			N/A
2/19/2019	USDCAD	1:30:00 PM	1.32533	1.32539			N/A

2/19/2019	USDCAD	3:30:00 PM	1.32415	1.32409			N/A
2/20/2019	USDCAD	9:30:00 AM	1.31934	1.31923			N/A
2/20/2019	USDCAD	11:30:00 AM					N/A
2/20/2019	USDCAD	1:30:00 PM	1.31802	1.31798			N/A
2/20/2019	USDCAD	3:30:00 PM	1.31933	1.31929			N/A
2/21/2019	USDCAD	9:30:00 AM	1.31919	1.31883			N/A
2/21/2019	USDCAD	11:30:00 AM	1.31987	1.31976			N/A
2/21/2019	USDCAD	1:30:00 PM	1.31898	1.319			N/A
2/21/2019	USDCAD	3:30:00 PM	1.31676	1.31659			N/A
2/22/2019	USDCAD	9:30:00 AM	1.32236	1.3224			N/A
2/22/2019	USDCAD	11:30:00 AM					N/A
2/22/2019	USDCAD	1:30:00 PM	1.32087	1.32092			N/A
2/22/2019	USDCAD	3:30:00 PM	1.32233	1.32041			N/A
2/25/2019	USDCAD	9:30:00 AM	1.31271	1.31269			N/A
2/25/2019	USDCAD	11:30:00 AM	1.31278	1.31288			N/A
2/25/2019	USDCAD	1:30:00 PM	1.312	1.31208			N/A
2/25/2019	USDCAD	3:30:00 PM	1.31532	1.31525			N/A
2/26/2019	USDCAD	9:30:00 AM	1.32074	1.3209			N/A
2/26/2019	USDCAD	11:30:00 AM					N/A
2/26/2019	USDCAD	1:30:00 PM	1.32155	1.32153			N/A
2/26/2019	USDCAD	3:30:00 PM	1.32222	1.3222			N/A
2/27/2019	USDCAD	9:30:00 AM	1.31721	1.31724			N/A
2/27/2019	USDCAD	11:30:00 AM	1.31545	1.31549			N/A
2/27/2019	USDCAD	1:30:00 PM	1.31393	1.31385			N/A
2/27/2019	USDCAD	3:30:00 PM	1.31542	1.3144			N/A
2/28/2019	USDCAD	9:30:00 AM	1.31742	1.31719			N/A
2/28/2019	USDCAD	11:30:00 AM					N/A
2/28/2019	USDCAD	1:30:00 PM	1.31662	1.31666			N/A
2/28/2019	USDCAD	3:30:00 PM	1.32004	1.31916			N/A
3/1/2019	USDCAD	9:30:00 AM	1.31417	1.31419			N/A
3/1/2019	USDCAD	11:30:00 AM	1.3139	1.31382			N/A
3/1/2019	USDCAD	1:30:00 PM	1.31377	1.31381			N/A
3/1/2019	USDCAD	3:30:00 PM	1.3204	1.31915			N/A
3/4/2019	USDCAD	9:30:00 AM	1.32881	1.32891			N/A
3/4/2019	USDCAD	11:30:00 AM					N/A
3/4/2019	USDCAD	1:30:00 PM	1.33138	1.33143			N/A
3/4/2019	USDCAD	3:30:00 PM	1.33078	1.3308	300	300	N/A
3/5/2019	USDCAD	9:30:00 AM	1.33358	1.3334			N/A
3/5/2019	USDCAD	11:30:00 AM	1.33443	1.33438			N/A
3/5/2019	USDCAD	1:30:00 PM	1.33421	1.33405			N/A
3/5/2019	USDCAD	3:30:00 PM	1.33484	1.33482			N/A
3/6/2019	USDCAD	9:30:00 AM	1.33631	1.3363			N/A
3/6/2019	USDCAD	11:30:00 AM					N/A
3/6/2019	USDCAD	1:30:00 PM	1.33718	1.33729			N/A
3/6/2019	USDCAD	3:30:00 PM	1.33889	1.33837			N/A
3/7/2019	USDCAD	9:30:00 AM	1.34436	1.34433			N/A
3/7/2019	USDCAD	11:30:00 AM	1.34394	1.34391			N/A
3/7/2019	USDCAD	1:30:00 PM	1.34292	1.34284			N/A
3/7/2019	USDCAD	3:30:00 PM	1.34338	1.3431			N/A
3/8/2019	USDCAD	9:30:00 AM	1.34611	1.34601			N/A

3/8/2019	USDCAD	11:30:00 AM					N/A
3/8/2019	USDCAD	1:30:00 PM	1.34542	1.34553			N/A
3/8/2019	USDCAD	3:30:00 PM	1.34262	1.34004			N/A
3/11/2019	USDCAD	9:30:00 AM	1.34263	1.3427			N/A
3/11/2019	USDCAD	11:30:00 AM	1.34149	1.3415			N/A
3/11/2019	USDCAD	1:30:00 PM	1.34188	1.34179			N/A
3/11/2019	USDCAD	3:30:00 PM	1.34141	1.34132	200	200	N/A
3/12/2019	USDCAD	9:30:00 AM	1.3399	1.33985			N/A
3/12/2019	USDCAD	11:30:00 AM					N/A
3/12/2019	USDCAD	1:30:00 PM	1.34109	1.34126			N/A
3/12/2019	USDCAD	3:30:00 PM	1.33936	1.33933			N/A
3/13/2019	USDCAD	9:30:00 AM	1.33657	1.33669			N/A
3/13/2019	USDCAD	11:30:00 AM	1.33522	1.3353			N/A
3/13/2019	USDCAD	1:30:00 PM	1.33554	1.33561			N/A
3/13/2019	USDCAD	3:30:00 PM	1.33497	1.33427	100	100	N/A
3/14/2019	USDCAD	9:30:00 AM	1.33133	1.33144			N/A
3/14/2019	USDCAD	11:30:00 AM					N/A
3/14/2019	USDCAD	1:30:00 PM	1.33301	1.3329			N/A
3/14/2019	USDCAD	3:30:00 PM	1.33388	1.33382			N/A
3/15/2019	USDCAD	9:30:00 AM	1.32959	1.32962			N/A
3/15/2019	USDCAD	11:30:00 AM	1.33093	1.33101			N/A
3/15/2019	USDCAD	1:30:00 PM	1.33223	1.33227			N/A
3/15/2019	USDCAD	3:30:00 PM	1.33621	1.33593			N/A
3/18/2019	USDCAD	9:30:00 AM	1.33082	1.33074			N/A
3/18/2019	USDCAD	11:30:00 AM					N/A
3/18/2019	USDCAD	1:30:00 PM	1.33187	1.33182			N/A
3/18/2019	USDCAD	3:30:00 PM	1.33428	1.33422			N/A
3/19/2019	USDCAD	9:30:00 AM	1.33362	1.33352			N/A
3/19/2019	USDCAD	11:30:00 AM	1.33201	1.33207			N/A
3/19/2019	USDCAD	1:30:00 PM	1.33099	1.33088			N/A
3/19/2019	USDCAD	3:30:00 PM	1.32608	1.32576			N/A
3/20/2019	USDCAD	9:30:00 AM	1.33435	1.33423			N/A
3/20/2019	USDCAD	11:30:00 AM					N/A
3/20/2019	USDCAD	1:30:00 PM	1.33369	1.33365			N/A
3/20/2019	USDCAD	3:30:00 PM	1.33224	1.3322			N/A
3/21/2019	USDCAD	9:30:00 AM	1.32923	1.32919			N/A
3/21/2019	USDCAD	11:30:00 AM	1.33072	1.33073			N/A
3/21/2019	USDCAD	1:30:00 PM	1.3333	1.33317			N/A
3/21/2019	USDCAD	3:30:00 PM	1.33416	1.33384			N/A
3/22/2019	USDCAD	9:30:00 AM	1.33551	1.33566			N/A
3/22/2019	USDCAD	11:30:00 AM					N/A
3/22/2019	USDCAD	1:30:00 PM	1.33907	1.33895			N/A
3/22/2019	USDCAD	3:30:00 PM	1.34025	1.34017			N/A
3/25/2019	USDCAD	9:30:00 AM	1.3422	1.34214			N/A
3/25/2019	USDCAD	11:30:00 AM	1.34118	1.34133			N/A
3/25/2019	USDCAD	1:30:00 PM	1.34271	1.34254			N/A
3/25/2019	USDCAD	3:30:00 PM	1.34355	1.34352			N/A
3/26/2019	USDCAD	9:30:00 AM	1.3399	1.33974			N/A
3/26/2019	USDCAD	11:30:00 AM					N/A
3/26/2019	USDCAD	1:30:00 PM	1.33959	1.33951			N/A

3/26/2019	USDCAD	3:30:00 PM	1.3399	1.33943			N/A
3/27/2019	USDCAD	9:30:00 AM	1.34023	1.34023			N/A
3/27/2019	USDCAD	11:30:00 AM	1.3382	1.33793			N/A
3/27/2019	USDCAD	1:30:00 PM	1.34056	1.34053	400	400	N/A
3/27/2019	USDCAD	3:30:00 PM	1.34092	1.34055			N/A
3/28/2019	USDCAD	9:30:00 AM	1.34052	1.34061			N/A
3/28/2019	USDCAD	11:30:00 AM					N/A
3/28/2019	USDCAD	1:30:00 PM	1.34376	1.34371			N/A
3/28/2019	USDCAD	3:30:00 PM	1.34301	1.34284			N/A
3/29/2019	USDCAD	9:30:00 AM	1.34269	1.34272			N/A
3/29/2019	USDCAD	11:30:00 AM	1.34217	1.34211			N/A
3/29/2019	USDCAD	1:30:00 PM	1.3418	1.34181			N/A
3/29/2019	USDCAD	3:30:00 PM	1.33626	1.33623			N/A
1/1/2019	USDCHF	9:30:00 AM					N/A
1/1/2019	USDCHF	11:30:00 AM					N/A
1/1/2019	USDCHF	1:30:00 PM					N/A
1/1/2019	USDCHF	3:30:00 PM					N/A
1/2/2019	USDCHF	9:30:00 AM					N/A
1/2/2019	USDCHF	11:30:00 AM					N/A
1/2/2019	USDCHF	1:30:00 PM					N/A
1/2/2019	USDCHF	3:30:00 PM				2	N/A
1/3/2019	USDCHF	9:30:00 AM					N/A
1/3/2019	USDCHF	11:30:00 AM					N/A
1/3/2019	USDCHF	1:30:00 PM					N/A
1/3/2019	USDCHF	3:30:00 PM					N/A
1/4/2019	USDCHF	9:30:00 AM					N/A
1/4/2019	USDCHF	11:30:00 AM					N/A
1/4/2019	USDCHF	1:30:00 PM					N/A
1/4/2019	USDCHF	3:30:00 PM				1	N/A
1/7/2019	USDCHF	9:30:00 AM	0.98499	0.98503			N/A
1/7/2019	USDCHF	11:30:00 AM					N/A
1/7/2019	USDCHF	1:30:00 PM	0.9818	0.98277			N/A
1/7/2019	USDCHF	3:30:00 PM	0.98038	0.98126			N/A
1/8/2019	USDCHF	9:30:00 AM	0.98077	0.98102			N/A
1/8/2019	USDCHF	11:30:00 AM	0.98	0.97994			N/A
1/8/2019	USDCHF	1:30:00 PM	0.98105	0.98094			N/A
1/8/2019	USDCHF	3:30:00 PM	0.98165	0.98174			N/A
1/9/2019	USDCHF	9:30:00 AM	0.98042	0.98134			N/A
1/9/2019	USDCHF	11:30:00 AM					N/A
1/9/2019	USDCHF	1:30:00 PM	0.98093	0.98141			N/A
1/9/2019	USDCHF	3:30:00 PM	0.98024	0.98107			N/A
1/10/2019	USDCHF	9:30:00 AM	0.97299	0.97311			N/A
1/10/2019	USDCHF	11:30:00 AM	0.97607	0.97614			N/A
1/10/2019	USDCHF	1:30:00 PM	0.97633	0.97612			N/A
1/10/2019	USDCHF	3:30:00 PM	0.97827	0.97803		500	N/A
1/11/2019	USDCHF	9:30:00 AM	0.98226	0.9831			N/A
1/11/2019	USDCHF	11:30:00 AM					N/A
1/11/2019	USDCHF	1:30:00 PM	0.98249	0.98329			N/A
1/11/2019	USDCHF	3:30:00 PM	0.98168	0.98219			N/A
1/14/2019	USDCHF	9:30:00 AM	0.98377	0.98382			N/A

1/14/2019	USDCHF	11:30:00 AM	0.98244	0.98228			N/A
1/14/2019	USDCHF	1:30:00 PM	0.98206	0.98201			N/A
1/14/2019	USDCHF	3:30:00 PM	0.98202	0.98209			N/A
1/15/2019	USDCHF	9:30:00 AM	0.98037	0.98121			N/A
1/15/2019	USDCHF	11:30:00 AM					N/A
1/15/2019	USDCHF	1:30:00 PM	0.98637	0.98637			N/A
1/15/2019	USDCHF	3:30:00 PM	0.98606	0.98592			N/A
1/16/2019	USDCHF	9:30:00 AM	0.98862	0.98872			N/A
1/16/2019	USDCHF	11:30:00 AM	0.98814	0.98824			N/A
1/16/2019	USDCHF	1:30:00 PM	0.98887	0.989			N/A
1/16/2019	USDCHF	3:30:00 PM	0.98916	0.98906			N/A
1/17/2019	USDCHF	9:30:00 AM	0.99182	0.99189			N/A
1/17/2019	USDCHF	11:30:00 AM					N/A
1/17/2019	USDCHF	1:30:00 PM	0.99211	0.99219			N/A
1/17/2019	USDCHF	3:30:00 PM	0.99316	0.99247		1	N/A
1/18/2019	USDCHF	9:30:00 AM	0.99392	0.99407			N/A
1/18/2019	USDCHF	11:30:00 AM	0.99443	0.99444			N/A
1/18/2019	USDCHF	1:30:00 PM	0.99359	0.9936			N/A
1/18/2019	USDCHF	3:30:00 PM	0.99386	0.99392			N/A
1/21/2019	USDCHF	9:30:00 AM	0.99488	0.99502			N/A
1/21/2019	USDCHF	11:30:00 AM					N/A
1/21/2019	USDCHF	1:30:00 PM	0.99753	0.99763			N/A
1/21/2019	USDCHF	3:30:00 PM	0.99842	0.99846			N/A
1/22/2019	USDCHF	9:30:00 AM	0.99754	0.9976			N/A
1/22/2019	USDCHF	11:30:00 AM	0.99713	0.99717			N/A
1/22/2019	USDCHF	1:30:00 PM	0.99642	0.99645			N/A
1/22/2019	USDCHF	3:30:00 PM	0.9983	0.99826			N/A
1/23/2019	USDCHF	9:30:00 AM	0.99773	0.99783			N/A
1/23/2019	USDCHF	11:30:00 AM					N/A
1/23/2019	USDCHF	1:30:00 PM	0.99755	0.99754			N/A
1/23/2019	USDCHF	3:30:00 PM	0.99759	0.9976			N/A
1/24/2019	USDCHF	9:30:00 AM	0.99453	0.99461			N/A
1/24/2019	USDCHF	11:30:00 AM	0.99462	0.9945			N/A
1/24/2019	USDCHF	1:30:00 PM	0.99548	0.99546			N/A
1/24/2019	USDCHF	3:30:00 PM	0.99552	0.99551			N/A
1/25/2019	USDCHF	9:30:00 AM	0.99563	0.99569			N/A
1/25/2019	USDCHF	11:30:00 AM					N/A
1/25/2019	USDCHF	1:30:00 PM	0.99621	0.99633			N/A
1/25/2019	USDCHF	3:30:00 PM	0.99698	0.99703			N/A
1/28/2019	USDCHF	9:30:00 AM	0.99162	0.99165			N/A
1/28/2019	USDCHF	11:30:00 AM	0.99192	0.99192			N/A
1/28/2019	USDCHF	1:30:00 PM	0.99182	0.99192			N/A
1/28/2019	USDCHF	3:30:00 PM	0.99207	0.99214			N/A
1/29/2019	USDCHF	9:30:00 AM	0.99156	0.99166			N/A
1/29/2019	USDCHF	11:30:00 AM					N/A
1/29/2019	USDCHF	1:30:00 PM	0.99313	0.99322			N/A
1/29/2019	USDCHF	3:30:00 PM	0.99407	0.99407			N/A
1/30/2019	USDCHF	9:30:00 AM	0.99604	0.99613	500	500	N/A
1/30/2019	USDCHF	11:30:00 AM	0.99628	0.99645			N/A
1/30/2019	USDCHF	1:30:00 PM	0.99699	0.99712			N/A

1/30/2019	USDCHF	3:30:00 PM	0.998	0.99806			N/A
1/31/2019	USDCHF	9:30:00 AM	0.99229	0.99225			N/A
1/31/2019	USDCHF	11:30:00 AM					N/A
1/31/2019	USDCHF	1:30:00 PM	0.99279	0.99295			N/A
1/31/2019	USDCHF	3:30:00 PM	0.99293	0.99285			N/A
2/1/2019	USDCHF	9:30:00 AM	0.99565	0.99563			N/A
2/1/2019	USDCHF	11:30:00 AM	0.9933	0.99319			N/A
2/1/2019	USDCHF	1:30:00 PM	0.99247	0.99259			N/A
2/1/2019	USDCHF	3:30:00 PM	0.99489	0.99346			N/A
2/4/2019	USDCHF	9:30:00 AM	0.99686	0.99699			N/A
2/4/2019	USDCHF	11:30:00 AM					N/A
2/4/2019	USDCHF	1:30:00 PM	0.99749	0.9976			N/A
2/4/2019	USDCHF	3:30:00 PM	0.99747	0.99756			N/A
2/5/2019	USDCHF	9:30:00 AM	0.99867	0.99877			N/A
2/5/2019	USDCHF	11:30:00 AM	0.99988	1.00003			N/A
2/5/2019	USDCHF	1:30:00 PM	1.00141	1.00156			N/A
2/5/2019	USDCHF	3:30:00 PM	1.00099	1.00083			N/A
2/6/2019	USDCHF	9:30:00 AM	1.00082	1.0009			N/A
2/6/2019	USDCHF	11:30:00 AM					N/A
2/6/2019	USDCHF	1:30:00 PM	1.00043	1.0006			N/A
2/6/2019	USDCHF	3:30:00 PM	1.00018	1.00017			N/A
2/7/2019	USDCHF	9:30:00 AM	1.00209	1.0022			N/A
2/7/2019	USDCHF	11:30:00 AM	1.00261	1.00268			N/A
2/7/2019	USDCHF	1:30:00 PM	1.00204	1.00213			N/A
2/7/2019	USDCHF	3:30:00 PM	1.00146	1.00149	100	100	N/A
2/8/2019	USDCHF	9:30:00 AM	1.00166	1.00167			N/A
2/8/2019	USDCHF	11:30:00 AM					N/A
2/8/2019	USDCHF	1:30:00 PM	1.00165	1.00178			N/A
2/8/2019	USDCHF	3:30:00 PM	1.00102	1.00101			N/A
2/11/2019	USDCHF	9:30:00 AM	1.00031	1.00028			N/A
2/11/2019	USDCHF	11:30:00 AM	1.00202	1.00188	100	100	N/A
2/11/2019	USDCHF	1:30:00 PM	1.00249	1.00266			N/A
2/11/2019	USDCHF	3:30:00 PM	1.00377	1.00377			N/A
2/12/2019	USDCHF	9:30:00 AM	1.0043	1.00427			N/A
2/12/2019	USDCHF	11:30:00 AM					N/A
2/12/2019	USDCHF	1:30:00 PM	1.00863	1.00851			N/A
2/12/2019	USDCHF	3:30:00 PM	1.00866	1.00838			N/A
2/13/2019	USDCHF	9:30:00 AM	1.00585	1.00594			N/A
2/13/2019	USDCHF	11:30:00 AM	1.00557	1.00566			N/A
2/13/2019	USDCHF	1:30:00 PM	1.0056	1.0057			N/A
2/13/2019	USDCHF	3:30:00 PM	1.00605	1.00557			N/A
2/14/2019	USDCHF	9:30:00 AM	1.00805	1.00814			N/A
2/14/2019	USDCHF	11:30:00 AM					N/A
2/14/2019	USDCHF	1:30:00 PM	1.00852	1.0086			N/A
2/14/2019	USDCHF	3:30:00 PM	1.00832	1.00764			N/A
2/15/2019	USDCHF	9:30:00 AM					N/A
2/15/2019	USDCHF	11:30:00 AM					N/A
2/15/2019	USDCHF	1:30:00 PM					N/A
2/15/2019	USDCHF	3:30:00 PM					N/A
2/18/2019	USDCHF	9:30:00 AM	1.00357	1.00363			N/A

2/18/2019	USDCHF	11:30:00 AM					N/A
2/18/2019	USDCHF	1:30:00 PM	1.00304	1.00314			N/A
2/18/2019	USDCHF	3:30:00 PM	1.00301	1.00312			N/A
2/19/2019	USDCHF	9:30:00 AM	1.00497	1.00509			N/A
2/19/2019	USDCHF	11:30:00 AM	1.00478	1.00476			N/A
2/19/2019	USDCHF	1:30:00 PM	1.00526	1.00534			N/A
2/19/2019	USDCHF	3:30:00 PM	1.00473	1.00481			N/A
2/20/2019	USDCHF	9:30:00 AM	1.00167	1.00174			N/A
2/20/2019	USDCHF	11:30:00 AM					N/A
2/20/2019	USDCHF	1:30:00 PM	1.00131	1.00131			N/A
2/20/2019	USDCHF	3:30:00 PM	1.00046	1.00054			N/A
2/21/2019	USDCHF	9:30:00 AM	1.00124	1.00132			N/A
2/21/2019	USDCHF	11:30:00 AM	1.00145	1.00138			N/A
2/21/2019	USDCHF	1:30:00 PM	1.00106	1.00115			N/A
2/21/2019	USDCHF	3:30:00 PM	1.00072	1.00003			N/A
2/22/2019	USDCHF	9:30:00 AM	1.00044	1.00052			N/A
2/22/2019	USDCHF	11:30:00 AM					N/A
2/22/2019	USDCHF	1:30:00 PM	1.00035	1.0005			N/A
2/22/2019	USDCHF	3:30:00 PM	1.00123	1.00135			N/A
2/25/2019	USDCHF	9:30:00 AM	0.99948	0.99957			N/A
2/25/2019	USDCHF	11:30:00 AM	0.99963	0.99974			N/A
2/25/2019	USDCHF	1:30:00 PM	0.99878	0.99888			N/A
2/25/2019	USDCHF	3:30:00 PM	0.99977	0.99985			N/A
2/26/2019	USDCHF	9:30:00 AM	1.00058	1.00069			N/A
2/26/2019	USDCHF	11:30:00 AM					N/A
2/26/2019	USDCHF	1:30:00 PM	1.00072	1.00086			N/A
2/26/2019	USDCHF	3:30:00 PM	1.00116	1.00077			N/A
2/27/2019	USDCHF	9:30:00 AM	0.99959	0.99969			N/A
2/27/2019	USDCHF	11:30:00 AM	0.99785	0.99791			N/A
2/27/2019	USDCHF	1:30:00 PM	0.99656	0.99663			N/A
2/27/2019	USDCHF	3:30:00 PM	0.99784	0.99782			N/A
2/28/2019	USDCHF	9:30:00 AM	0.99737	0.99704			N/A
2/28/2019	USDCHF	11:30:00 AM					N/A
2/28/2019	USDCHF	1:30:00 PM	0.9937	0.99378			N/A
2/28/2019	USDCHF	3:30:00 PM	0.99542	0.99436		500	N/A
3/1/2019	USDCHF	9:30:00 AM	0.99821	0.99821			N/A
3/1/2019	USDCHF	11:30:00 AM	1.00071	1.00072			N/A
3/1/2019	USDCHF	1:30:00 PM	0.99854	0.9985			N/A
3/1/2019	USDCHF	3:30:00 PM	0.99844	0.99841			N/A
3/4/2019	USDCHF	9:30:00 AM	1.00006	1.00017			N/A
3/4/2019	USDCHF	11:30:00 AM					N/A
3/4/2019	USDCHF	1:30:00 PM	1.00077	1.0008			N/A
3/4/2019	USDCHF	3:30:00 PM	0.99986	0.99972			N/A
3/5/2019	USDCHF	9:30:00 AM	1.00033	1.00042			N/A
3/5/2019	USDCHF	11:30:00 AM	1.0013	1.0013			N/A
3/5/2019	USDCHF	1:30:00 PM	1.00044	1.00052			N/A
3/5/2019	USDCHF	3:30:00 PM	1.00094	1.00087			N/A
3/6/2019	USDCHF	9:30:00 AM	1.00484	1.00493			N/A
3/6/2019	USDCHF	11:30:00 AM					N/A
3/6/2019	USDCHF	1:30:00 PM	1.00435	1.00443			N/A

3/6/2019	USDCHF	3:30:00 PM	1.00519	1.00471			N/A
3/7/2019	USDCHF	9:30:00 AM	1.00457	1.00472			N/A
3/7/2019	USDCHF	11:30:00 AM	1.0045	1.00464			N/A
3/7/2019	USDCHF	1:30:00 PM	1.00413	1.00419			N/A
3/7/2019	USDCHF	3:30:00 PM	1.00784	1.00768			N/A
3/8/2019	USDCHF	9:30:00 AM	1.00965	1.00977			N/A
3/8/2019	USDCHF	11:30:00 AM					N/A
3/8/2019	USDCHF	1:30:00 PM	1.01006	1.01009			N/A
3/8/2019	USDCHF	3:30:00 PM	1.00932	1.00742	100	100	N/A
3/11/2019	USDCHF	9:30:00 AM	1.00776	1.00784			N/A
3/11/2019	USDCHF	11:30:00 AM	1.00767	1.00775			N/A
3/11/2019	USDCHF	1:30:00 PM	1.00913	1.00916			N/A
3/11/2019	USDCHF	3:30:00 PM	1.00922	1.00925			N/A
3/12/2019	USDCHF	9:30:00 AM	1.01089	1.011			N/A
3/12/2019	USDCHF	11:30:00 AM					N/A
3/12/2019	USDCHF	1:30:00 PM	1.00873	1.00886			N/A
3/12/2019	USDCHF	3:30:00 PM	1.0083	1.00833			N/A
3/13/2019	USDCHF	9:30:00 AM	1.00779	1.00784			N/A
3/13/2019	USDCHF	11:30:00 AM	1.00585	1.00592			N/A
3/13/2019	USDCHF	1:30:00 PM	1.00621	1.00617			N/A
3/13/2019	USDCHF	3:30:00 PM	1.006	1.00603			N/A
3/14/2019	USDCHF	9:30:00 AM	1.00409	1.00411			N/A
3/14/2019	USDCHF	11:30:00 AM					N/A
3/14/2019	USDCHF	1:30:00 PM	1.00465	1.00449			N/A
3/14/2019	USDCHF	3:30:00 PM	1.00461	1.0047			N/A
3/15/2019	USDCHF	9:30:00 AM	1.00246	1.00245			N/A
3/15/2019	USDCHF	11:30:00 AM	1.00406	1.00401			N/A
3/15/2019	USDCHF	1:30:00 PM	1.00374	1.0038			N/A
3/15/2019	USDCHF	3:30:00 PM	1.00406	1.00398			N/A
3/18/2019	USDCHF	9:30:00 AM	1.00142	1.00143			N/A
3/18/2019	USDCHF	11:30:00 AM					N/A
3/18/2019	USDCHF	1:30:00 PM	0.99992	1.00002			N/A
3/18/2019	USDCHF	3:30:00 PM	1.00121	1.00131			N/A
3/19/2019	USDCHF	9:30:00 AM	1.00022	1.00028			N/A
3/19/2019	USDCHF	11:30:00 AM	0.99994	1.00012			N/A
3/19/2019	USDCHF	1:30:00 PM	0.99986	0.99993			N/A
3/19/2019	USDCHF	3:30:00 PM	0.99987	0.9998			N/A
3/20/2019	USDCHF	9:30:00 AM	0.99975	0.99985			N/A
3/20/2019	USDCHF	11:30:00 AM					N/A
3/20/2019	USDCHF	1:30:00 PM	0.99905	0.99922			N/A
3/20/2019	USDCHF	3:30:00 PM	0.99817	0.99816			N/A
3/21/2019	USDCHF	9:30:00 AM	0.99153	0.99162			N/A
3/21/2019	USDCHF	11:30:00 AM	0.99316	0.99319			N/A
3/21/2019	USDCHF	1:30:00 PM	0.99381	0.99393			N/A
3/21/2019	USDCHF	3:30:00 PM	0.99265	0.99241			N/A
3/22/2019	USDCHF	9:30:00 AM	0.99222	0.99222			N/A
3/22/2019	USDCHF	11:30:00 AM					N/A
3/22/2019	USDCHF	1:30:00 PM	0.99439	0.99455			N/A
3/22/2019	USDCHF	3:30:00 PM	0.99475	0.99476			N/A
3/25/2019	USDCHF	9:30:00 AM	0.99448	0.99453			N/A

3/25/2019	USDCHF	11:30:00 AM	0.99414	0.99419			N/A
3/25/2019	USDCHF	1:30:00 PM	0.99366	0.99382			N/A
3/25/2019	USDCHF	3:30:00 PM	0.99295	0.99281			N/A
3/26/2019	USDCHF	9:30:00 AM	0.99267	0.99273			N/A
3/26/2019	USDCHF	11:30:00 AM					N/A
3/26/2019	USDCHF	1:30:00 PM	0.99277	0.99283			N/A
3/26/2019	USDCHF	3:30:00 PM	0.99414	0.99407			N/A
3/27/2019	USDCHF	9:30:00 AM	0.99574	0.99583			N/A
3/27/2019	USDCHF	11:30:00 AM	0.99363	0.99369			N/A
3/27/2019	USDCHF	1:30:00 PM	0.99289	0.99293			N/A
3/27/2019	USDCHF	3:30:00 PM	0.9942	0.99422			N/A
3/28/2019	USDCHF	9:30:00 AM	0.99516	0.99529			N/A
3/28/2019	USDCHF	11:30:00 AM					N/A
3/28/2019	USDCHF	1:30:00 PM	0.99612	0.99617			N/A
3/28/2019	USDCHF	3:30:00 PM	0.99645	0.99639			N/A
3/29/2019	USDCHF	9:30:00 AM	0.9958	0.9959			N/A
3/29/2019	USDCHF	11:30:00 AM	0.99533	0.99534			N/A
3/29/2019	USDCHF	1:30:00 PM	0.99594	0.99607			N/A
3/29/2019	USDCHF	3:30:00 PM	0.99507	0.99509			N/A
1/1/2019	USDCZK	9:30:00 AM					N/A
1/1/2019	USDCZK	11:30:00 AM					N/A
1/1/2019	USDCZK	1:30:00 PM					N/A
1/1/2019	USDCZK	3:30:00 PM					N/A
1/2/2019	USDCZK	9:30:00 AM					N/A
1/2/2019	USDCZK	11:30:00 AM					N/A
1/2/2019	USDCZK	1:30:00 PM					N/A
1/2/2019	USDCZK	3:30:00 PM					N/A
1/3/2019	USDCZK	9:30:00 AM					N/A
1/3/2019	USDCZK	11:30:00 AM					N/A
1/3/2019	USDCZK	1:30:00 PM					N/A
1/3/2019	USDCZK	3:30:00 PM					N/A
1/4/2019	USDCZK	9:30:00 AM					N/A
1/4/2019	USDCZK	11:30:00 AM					N/A
1/4/2019	USDCZK	1:30:00 PM					N/A
1/4/2019	USDCZK	3:30:00 PM					N/A
1/7/2019	USDCZK	9:30:00 AM	22.368	22.389			N/A
1/7/2019	USDCZK	11:30:00 AM					N/A
1/7/2019	USDCZK	1:30:00 PM	22.342	22.359			N/A
1/7/2019	USDCZK	3:30:00 PM	22.322	22.34			N/A
1/8/2019	USDCZK	9:30:00 AM	22.341	22.354			N/A
1/8/2019	USDCZK	11:30:00 AM	22.366	22.378			N/A
1/8/2019	USDCZK	1:30:00 PM	22.385	22.406			N/A
1/8/2019	USDCZK	3:30:00 PM	22.398	22.42			N/A
1/9/2019	USDCZK	9:30:00 AM	22.344	22.364			N/A
1/9/2019	USDCZK	11:30:00 AM					N/A
1/9/2019	USDCZK	1:30:00 PM	22.385	22.395			N/A
1/9/2019	USDCZK	3:30:00 PM	22.377	22.397			N/A
1/10/2019	USDCZK	9:30:00 AM	22.176	22.196			N/A
1/10/2019	USDCZK	11:30:00 AM	22.224	22.244			N/A
1/10/2019	USDCZK	1:30:00 PM	22.205	22.225			N/A

1/10/2019	USDCZK	3:30:00 PM	22.203	22.221			N/A
1/11/2019	USDCZK	9:30:00 AM	22.168	22.19			N/A
1/11/2019	USDCZK	11:30:00 AM					N/A
1/11/2019	USDCZK	1:30:00 PM	22.203	22.22			N/A
1/11/2019	USDCZK	3:30:00 PM	22.188	22.198			N/A
1/14/2019	USDCZK	9:30:00 AM	22.287	22.302			N/A
1/14/2019	USDCZK	11:30:00 AM	22.278	22.294			N/A
1/14/2019	USDCZK	1:30:00 PM	22.301	22.31			N/A
1/14/2019	USDCZK	3:30:00 PM	22.301	22.313			N/A
1/15/2019	USDCZK	9:30:00 AM	22.245	22.266			N/A
1/15/2019	USDCZK	11:30:00 AM					N/A
1/15/2019	USDCZK	1:30:00 PM	22.341	22.36			N/A
1/15/2019	USDCZK	3:30:00 PM	22.376	22.39			N/A
1/16/2019	USDCZK	9:30:00 AM	22.39	22.405			N/A
1/16/2019	USDCZK	11:30:00 AM	22.384	22.403			N/A
1/16/2019	USDCZK	1:30:00 PM	22.428	22.448			N/A
1/16/2019	USDCZK	3:30:00 PM	22.437	22.453			N/A
1/17/2019	USDCZK	9:30:00 AM	22.446	22.465			N/A
1/17/2019	USDCZK	11:30:00 AM					N/A
1/17/2019	USDCZK	1:30:00 PM	22.392	22.414			N/A
1/17/2019	USDCZK	3:30:00 PM	22.416	22.415			N/A
1/18/2019	USDCZK	9:30:00 AM	22.402	22.424			N/A
1/18/2019	USDCZK	11:30:00 AM	22.421	22.439			N/A
1/18/2019	USDCZK	1:30:00 PM	22.407	22.428			N/A
1/18/2019	USDCZK	3:30:00 PM	22.427	22.441			N/A
1/21/2019	USDCZK	9:30:00 AM	22.461	22.483			N/A
1/21/2019	USDCZK	11:30:00 AM					N/A
1/21/2019	USDCZK	1:30:00 PM	22.5	22.521			N/A
1/21/2019	USDCZK	3:30:00 PM	22.516	22.537			N/A
1/22/2019	USDCZK	9:30:00 AM	22.533	22.552			N/A
1/22/2019	USDCZK	11:30:00 AM	22.533	22.553			N/A
1/22/2019	USDCZK	1:30:00 PM	22.531	22.551			N/A
1/22/2019	USDCZK	3:30:00 PM	22.542	22.561			N/A
1/23/2019	USDCZK	9:30:00 AM	22.55	22.572			N/A
1/23/2019	USDCZK	11:30:00 AM					N/A
1/23/2019	USDCZK	1:30:00 PM	22.585	22.602			N/A
1/23/2019	USDCZK	3:30:00 PM	22.599	22.619			N/A
1/24/2019	USDCZK	9:30:00 AM	22.587	22.609			N/A
1/24/2019	USDCZK	11:30:00 AM	22.659	22.674			N/A
1/24/2019	USDCZK	1:30:00 PM	22.657	22.667			N/A
1/24/2019	USDCZK	3:30:00 PM	22.674	22.692			N/A
1/25/2019	USDCZK	9:30:00 AM	22.725	22.743			N/A
1/25/2019	USDCZK	11:30:00 AM					N/A
1/25/2019	USDCZK	1:30:00 PM	22.654	22.673			N/A
1/25/2019	USDCZK	3:30:00 PM	22.629	22.646			N/A
1/28/2019	USDCZK	9:30:00 AM	22.486	22.5			N/A
1/28/2019	USDCZK	11:30:00 AM	22.529	22.549			N/A
1/28/2019	USDCZK	1:30:00 PM	22.515	22.537			N/A
1/28/2019	USDCZK	3:30:00 PM	22.523	22.545			N/A
1/29/2019	USDCZK	9:30:00 AM	22.514	22.536			N/A

1/29/2019	USDCZK	11:30:00 AM					N/A
1/29/2019	USDCZK	1:30:00 PM	22.515	22.535			N/A
1/29/2019	USDCZK	3:30:00 PM	22.537	22.559			N/A
1/30/2019	USDCZK	9:30:00 AM	22.527	22.548			N/A
1/30/2019	USDCZK	11:30:00 AM	22.549	22.573			N/A
1/30/2019	USDCZK	1:30:00 PM	22.548	22.571			N/A
1/30/2019	USDCZK	3:30:00 PM	22.564	22.583			N/A
1/31/2019	USDCZK	9:30:00 AM	22.378	22.397			N/A
1/31/2019	USDCZK	11:30:00 AM					N/A
1/31/2019	USDCZK	1:30:00 PM	22.42	22.44			N/A
1/31/2019	USDCZK	3:30:00 PM	22.415	22.427			N/A
2/1/2019	USDCZK	9:30:00 AM	22.503	22.526			N/A
2/1/2019	USDCZK	11:30:00 AM	22.457	22.475			N/A
2/1/2019	USDCZK	1:30:00 PM	22.428	22.449			N/A
2/1/2019	USDCZK	3:30:00 PM	22.421	22.401			N/A
2/4/2019	USDCZK	9:30:00 AM	22.454	22.474			N/A
2/4/2019	USDCZK	11:30:00 AM					N/A
2/4/2019	USDCZK	1:30:00 PM	22.472	22.493			N/A
2/4/2019	USDCZK	3:30:00 PM	22.461	22.479			N/A
2/5/2019	USDCZK	9:30:00 AM	22.468	22.49			N/A
2/5/2019	USDCZK	11:30:00 AM	22.488	22.505			N/A
2/5/2019	USDCZK	1:30:00 PM	22.485	22.508			N/A
2/5/2019	USDCZK	3:30:00 PM	22.492	22.51			N/A
2/6/2019	USDCZK	9:30:00 AM	22.576	22.598			N/A
2/6/2019	USDCZK	11:30:00 AM					N/A
2/6/2019	USDCZK	1:30:00 PM	22.612	22.634			N/A
2/6/2019	USDCZK	3:30:00 PM	22.627	22.646			N/A
2/7/2019	USDCZK	9:30:00 AM	22.705	22.727			N/A
2/7/2019	USDCZK	11:30:00 AM	22.729	22.749			N/A
2/7/2019	USDCZK	1:30:00 PM	22.756	22.775			N/A
2/7/2019	USDCZK	3:30:00 PM	22.747	22.768			N/A
2/8/2019	USDCZK	9:30:00 AM	22.742	22.764			N/A
2/8/2019	USDCZK	11:30:00 AM					N/A
2/8/2019	USDCZK	1:30:00 PM	22.739	22.761			N/A
2/8/2019	USDCZK	3:30:00 PM	22.732	22.752			N/A
2/11/2019	USDCZK	9:30:00 AM	22.785	22.807			N/A
2/11/2019	USDCZK	11:30:00 AM	22.826	22.843			N/A
2/11/2019	USDCZK	1:30:00 PM	22.815	22.835			N/A
2/11/2019	USDCZK	3:30:00 PM	22.836	22.858			N/A
2/12/2019	USDCZK	9:30:00 AM	22.914	22.936			N/A
2/12/2019	USDCZK	11:30:00 AM					N/A
2/12/2019	USDCZK	1:30:00 PM	22.915	22.935			N/A
2/12/2019	USDCZK	3:30:00 PM	22.894	22.917			N/A
2/13/2019	USDCZK	9:30:00 AM	22.809	22.824			N/A
2/13/2019	USDCZK	11:30:00 AM	22.785	22.799			N/A
2/13/2019	USDCZK	1:30:00 PM	22.815	22.837			N/A
2/13/2019	USDCZK	3:30:00 PM	22.828	22.832			N/A
2/14/2019	USDCZK	9:30:00 AM	22.832	22.853			N/A
2/14/2019	USDCZK	11:30:00 AM					N/A
2/14/2019	USDCZK	1:30:00 PM	22.862	22.882			N/A

2/14/2019	USDCZK	3:30:00 PM	22.856	22.859			N/A
2/15/2019	USDCZK	9:30:00 AM					N/A
2/15/2019	USDCZK	11:30:00 AM					N/A
2/15/2019	USDCZK	1:30:00 PM					N/A
2/15/2019	USDCZK	3:30:00 PM					N/A
2/18/2019	USDCZK	9:30:00 AM	22.683	22.701			N/A
2/18/2019	USDCZK	11:30:00 AM					N/A
2/18/2019	USDCZK	1:30:00 PM	22.699	22.721			N/A
2/18/2019	USDCZK	3:30:00 PM	22.704	22.726			N/A
2/19/2019	USDCZK	9:30:00 AM	22.755	22.775			N/A
2/19/2019	USDCZK	11:30:00 AM	22.761	22.769			N/A
2/19/2019	USDCZK	1:30:00 PM	22.787	22.808			N/A
2/19/2019	USDCZK	3:30:00 PM	22.76	22.782			N/A
2/20/2019	USDCZK	9:30:00 AM	22.644	22.663			N/A
2/20/2019	USDCZK	11:30:00 AM					N/A
2/20/2019	USDCZK	1:30:00 PM	22.649	22.67			N/A
2/20/2019	USDCZK	3:30:00 PM	22.642	22.662			N/A
2/21/2019	USDCZK	9:30:00 AM	22.625	22.643			N/A
2/21/2019	USDCZK	11:30:00 AM	22.644	22.656			N/A
2/21/2019	USDCZK	1:30:00 PM	22.613	22.628			N/A
2/21/2019	USDCZK	3:30:00 PM	22.586	22.581			N/A
2/22/2019	USDCZK	9:30:00 AM	22.58	22.602			N/A
2/22/2019	USDCZK	11:30:00 AM					N/A
2/22/2019	USDCZK	1:30:00 PM	22.609	22.631			N/A
2/22/2019	USDCZK	3:30:00 PM	22.635	22.658			N/A
2/25/2019	USDCZK	9:30:00 AM	22.582	22.604			N/A
2/25/2019	USDCZK	11:30:00 AM	22.576	22.598			N/A
2/25/2019	USDCZK	1:30:00 PM	22.554	22.575			N/A
2/25/2019	USDCZK	3:30:00 PM	22.585	22.608			N/A
2/26/2019	USDCZK	9:30:00 AM	22.57	22.591			N/A
2/26/2019	USDCZK	11:30:00 AM					N/A
2/26/2019	USDCZK	1:30:00 PM	22.573	22.595			N/A
2/26/2019	USDCZK	3:30:00 PM	22.589	22.6			N/A
2/27/2019	USDCZK	9:30:00 AM	22.532	22.553			N/A
2/27/2019	USDCZK	11:30:00 AM	22.499	22.516			N/A
2/27/2019	USDCZK	1:30:00 PM	22.488	22.507			N/A
2/27/2019	USDCZK	3:30:00 PM	22.527	22.547			N/A
2/28/2019	USDCZK	9:30:00 AM	22.531	22.546			N/A
2/28/2019	USDCZK	11:30:00 AM					N/A
2/28/2019	USDCZK	1:30:00 PM	22.431	22.452			N/A
2/28/2019	USDCZK	3:30:00 PM	22.465	22.459			N/A
3/1/2019	USDCZK	9:30:00 AM	22.522	22.54			N/A
3/1/2019	USDCZK	11:30:00 AM	22.54	22.56			N/A
3/1/2019	USDCZK	1:30:00 PM	22.514	22.535			N/A
3/1/2019	USDCZK	3:30:00 PM	22.517	22.538			N/A
3/4/2019	USDCZK	9:30:00 AM	22.542	22.565			N/A
3/4/2019	USDCZK	11:30:00 AM					N/A
3/4/2019	USDCZK	1:30:00 PM	22.596	22.616			N/A
3/4/2019	USDCZK	3:30:00 PM	22.579	22.6			N/A
3/5/2019	USDCZK	9:30:00 AM	22.626	22.647			N/A

3/5/2019	USDCZK	11:30:00 AM	22.604	22.623			N/A
3/5/2019	USDCZK	1:30:00 PM	22.594	22.617			N/A
3/5/2019	USDCZK	3:30:00 PM	22.613	22.633			N/A
3/6/2019	USDCZK	9:30:00 AM	22.676	22.696			N/A
3/6/2019	USDCZK	11:30:00 AM					N/A
3/6/2019	USDCZK	1:30:00 PM	22.634	22.657			N/A
3/6/2019	USDCZK	3:30:00 PM	22.647	22.643			N/A
3/7/2019	USDCZK	9:30:00 AM	22.641	22.664			N/A
3/7/2019	USDCZK	11:30:00 AM	22.617	22.636			N/A
3/7/2019	USDCZK	1:30:00 PM	22.618	22.639			N/A
3/7/2019	USDCZK	3:30:00 PM	22.724	22.734			N/A
3/8/2019	USDCZK	9:30:00 AM	22.863	22.884			N/A
3/8/2019	USDCZK	11:30:00 AM					N/A
3/8/2019	USDCZK	1:30:00 PM	22.825	22.847			N/A
3/8/2019	USDCZK	3:30:00 PM	22.837	22.824			N/A
3/11/2019	USDCZK	9:30:00 AM	22.796	22.815			N/A
3/11/2019	USDCZK	11:30:00 AM	22.799	22.82			N/A
3/11/2019	USDCZK	1:30:00 PM	22.816	22.837			N/A
3/11/2019	USDCZK	3:30:00 PM	22.792	22.811			N/A
3/12/2019	USDCZK	9:30:00 AM	22.788	22.809			N/A
3/12/2019	USDCZK	11:30:00 AM					N/A
3/12/2019	USDCZK	1:30:00 PM	22.798	22.817			N/A
3/12/2019	USDCZK	3:30:00 PM	22.755	22.772			N/A
3/13/2019	USDCZK	9:30:00 AM	22.742	22.764			N/A
3/13/2019	USDCZK	11:30:00 AM	22.723	22.746			N/A
3/13/2019	USDCZK	1:30:00 PM	22.72	22.742			N/A
3/13/2019	USDCZK	3:30:00 PM	22.71	22.726			N/A
3/14/2019	USDCZK	9:30:00 AM	22.641	22.664			N/A
3/14/2019	USDCZK	11:30:00 AM					N/A
3/14/2019	USDCZK	1:30:00 PM	22.704	22.718			N/A
3/14/2019	USDCZK	3:30:00 PM	22.709	22.728			N/A
3/15/2019	USDCZK	9:30:00 AM	22.666	22.685			N/A
3/15/2019	USDCZK	11:30:00 AM	22.667	22.688			N/A
3/15/2019	USDCZK	1:30:00 PM	22.666	22.69			N/A
3/15/2019	USDCZK	3:30:00 PM	22.676	22.692			N/A
3/18/2019	USDCZK	9:30:00 AM	22.604	22.622			N/A
3/18/2019	USDCZK	11:30:00 AM					N/A
3/18/2019	USDCZK	1:30:00 PM	22.568	22.589			N/A
3/18/2019	USDCZK	3:30:00 PM	22.569	22.59			N/A
3/19/2019	USDCZK	9:30:00 AM	22.557	22.579			N/A
3/19/2019	USDCZK	11:30:00 AM	22.55	22.572			N/A
3/19/2019	USDCZK	1:30:00 PM	22.538	22.56			N/A
3/19/2019	USDCZK	3:30:00 PM	22.547	22.568			N/A
3/20/2019	USDCZK	9:30:00 AM	22.578	22.599			N/A
3/20/2019	USDCZK	11:30:00 AM					N/A
3/20/2019	USDCZK	1:30:00 PM	22.575	22.597			N/A
3/20/2019	USDCZK	3:30:00 PM	22.569	22.591			N/A
3/21/2019	USDCZK	9:30:00 AM	22.429	22.449			N/A
3/21/2019	USDCZK	11:30:00 AM	22.478	22.498			N/A
3/21/2019	USDCZK	1:30:00 PM	22.514	22.534			N/A

3/21/2019	USDCZK	3:30:00 PM	22.51	22.526			N/A
3/22/2019	USDCZK	9:30:00 AM	22.524	22.545			N/A
3/22/2019	USDCZK	11:30:00 AM					N/A
3/22/2019	USDCZK	1:30:00 PM	22.734	22.746			N/A
3/22/2019	USDCZK	3:30:00 PM	22.757	22.78			N/A
3/25/2019	USDCZK	9:30:00 AM	22.773	22.79			N/A
3/25/2019	USDCZK	11:30:00 AM	22.736	22.749			N/A
3/25/2019	USDCZK	1:30:00 PM	22.775	22.795			N/A
3/25/2019	USDCZK	3:30:00 PM	22.759	22.772			N/A
3/26/2019	USDCZK	9:30:00 AM	22.765	22.786			N/A
3/26/2019	USDCZK	11:30:00 AM					N/A
3/26/2019	USDCZK	1:30:00 PM	22.762	22.782			N/A
3/26/2019	USDCZK	3:30:00 PM	22.812	22.831			N/A
3/27/2019	USDCZK	9:30:00 AM	22.883	22.9			N/A
3/27/2019	USDCZK	11:30:00 AM	22.828	22.848			N/A
3/27/2019	USDCZK	1:30:00 PM	22.853	22.875			N/A
3/27/2019	USDCZK	3:30:00 PM	22.907	22.924			N/A
3/28/2019	USDCZK	9:30:00 AM	22.887	22.91			N/A
3/28/2019	USDCZK	11:30:00 AM					N/A
3/28/2019	USDCZK	1:30:00 PM	22.959	22.977			N/A
3/28/2019	USDCZK	3:30:00 PM	22.953	22.968			N/A
3/29/2019	USDCZK	9:30:00 AM	22.946	22.967			N/A
3/29/2019	USDCZK	11:30:00 AM	23.004	23.023			N/A
3/29/2019	USDCZK	1:30:00 PM	22.978	23.001			N/A
3/29/2019	USDCZK	3:30:00 PM	22.958	22.978			N/A
1/1/2019	USDDKK	9:30:00 AM					N/A
1/1/2019	USDDKK	11:30:00 AM					N/A
1/1/2019	USDDKK	1:30:00 PM					N/A
1/1/2019	USDDKK	3:30:00 PM					N/A
1/2/2019	USDDKK	9:30:00 AM					N/A
1/2/2019	USDDKK	11:30:00 AM					N/A
1/2/2019	USDDKK	1:30:00 PM					N/A
1/2/2019	USDDKK	3:30:00 PM					N/A
1/3/2019	USDDKK	9:30:00 AM					N/A
1/3/2019	USDDKK	11:30:00 AM					N/A
1/3/2019	USDDKK	1:30:00 PM					N/A
1/3/2019	USDDKK	3:30:00 PM					N/A
1/4/2019	USDDKK	9:30:00 AM					N/A
1/4/2019	USDDKK	11:30:00 AM					N/A
1/4/2019	USDDKK	1:30:00 PM					N/A
1/4/2019	USDDKK	3:30:00 PM					N/A
1/7/2019	USDDKK	9:30:00 AM	6.5423	6.5452			N/A
1/7/2019	USDDKK	11:30:00 AM					N/A
1/7/2019	USDDKK	1:30:00 PM	6.5282	6.5317			N/A
1/7/2019	USDDKK	3:30:00 PM	6.5201	6.5237			N/A
1/8/2019	USDDKK	9:30:00 AM	6.5257	6.5268			N/A
1/8/2019	USDDKK	11:30:00 AM	6.5163	6.5182			N/A
1/8/2019	USDDKK	1:30:00 PM	6.5226	6.5259			N/A
1/8/2019	USDDKK	3:30:00 PM	6.5259	6.5288			N/A
1/9/2019	USDDKK	9:30:00 AM	6.5116	6.5147			N/A

1/9/2019	USDDKK	11:30:00 AM					N/A
1/9/2019	USDDKK	1:30:00 PM	6.5255	6.5251			N/A
1/9/2019	USDDKK	3:30:00 PM	6.5196	6.5229			N/A
1/10/2019	USDDKK	9:30:00 AM	6.4636	6.4666			N/A
1/10/2019	USDDKK	11:30:00 AM	6.478	6.4801			N/A
1/10/2019	USDDKK	1:30:00 PM	6.4717	6.4745			N/A
1/10/2019	USDDKK	3:30:00 PM	6.4713	6.4735			N/A
1/11/2019	USDDKK	9:30:00 AM	6.4731	6.4772			N/A
1/11/2019	USDDKK	11:30:00 AM					N/A
1/11/2019	USDDKK	1:30:00 PM	6.476	6.4794			N/A
1/11/2019	USDDKK	3:30:00 PM	6.4754	6.4741			N/A
1/14/2019	USDDKK	9:30:00 AM	6.5103	6.5133			N/A
1/14/2019	USDDKK	11:30:00 AM	6.5074	6.5094			N/A
1/14/2019	USDDKK	1:30:00 PM	6.5089	6.511			N/A
1/14/2019	USDDKK	3:30:00 PM	6.5113	6.5147			N/A
1/15/2019	USDDKK	9:30:00 AM	6.5013	6.5042			N/A
1/15/2019	USDDKK	11:30:00 AM					N/A
1/15/2019	USDDKK	1:30:00 PM	6.5281	6.5311			N/A
1/15/2019	USDDKK	3:30:00 PM	6.5336	6.5352			N/A
1/16/2019	USDDKK	9:30:00 AM	6.5445	6.5467			N/A
1/16/2019	USDDKK	11:30:00 AM	6.5358	6.5385			N/A
1/16/2019	USDDKK	1:30:00 PM	6.5509	6.5538			N/A
1/16/2019	USDDKK	3:30:00 PM	6.552	6.5544			N/A
1/17/2019	USDDKK	9:30:00 AM	6.5598	6.5626			N/A
1/17/2019	USDDKK	11:30:00 AM					N/A
1/17/2019	USDDKK	1:30:00 PM	6.5473	6.5509			N/A
1/17/2019	USDDKK	3:30:00 PM	6.5558	6.5515			N/A
1/18/2019	USDDKK	9:30:00 AM	6.5496	6.5528			N/A
1/18/2019	USDDKK	11:30:00 AM	6.5507	6.5535			N/A
1/18/2019	USDDKK	1:30:00 PM	6.5436	6.5462			N/A
1/18/2019	USDDKK	3:30:00 PM	6.5459	6.5491			N/A
1/21/2019	USDDKK	9:30:00 AM	6.5562	6.5599			N/A
1/21/2019	USDDKK	11:30:00 AM					N/A
1/21/2019	USDDKK	1:30:00 PM	6.565	6.569			N/A
1/21/2019	USDDKK	3:30:00 PM	6.5712	6.5742			N/A
1/22/2019	USDDKK	9:30:00 AM	6.5769	6.58			N/A
1/22/2019	USDDKK	11:30:00 AM	6.5704	6.5736			N/A
1/22/2019	USDDKK	1:30:00 PM	6.5724	6.5755			N/A
1/22/2019	USDDKK	3:30:00 PM	6.5768	6.5798			N/A
1/23/2019	USDDKK	9:30:00 AM	6.5688	6.5724			N/A
1/23/2019	USDDKK	11:30:00 AM					N/A
1/23/2019	USDDKK	1:30:00 PM	6.5692	6.5723			N/A
1/23/2019	USDDKK	3:30:00 PM	6.5698	6.5729			N/A
1/24/2019	USDDKK	9:30:00 AM	6.5641	6.5672			N/A
1/24/2019	USDDKK	11:30:00 AM	6.5835	6.5845			N/A
1/24/2019	USDDKK	1:30:00 PM	6.5836	6.5842			N/A
1/24/2019	USDDKK	3:30:00 PM	6.5861	6.5884			N/A
1/25/2019	USDDKK	9:30:00 AM	6.5934	6.5962			N/A
1/25/2019	USDDKK	11:30:00 AM					N/A
1/25/2019	USDDKK	1:30:00 PM	6.5807	6.5832			N/A

1/25/2019	USDDKK	3:30:00 PM	6.579	6.5818			N/A
1/28/2019	USDDKK	9:30:00 AM	6.5403	6.5431			N/A
1/28/2019	USDDKK	11:30:00 AM	6.5461	6.5484			N/A
1/28/2019	USDDKK	1:30:00 PM	6.537	6.5408			N/A
1/28/2019	USDDKK	3:30:00 PM	6.5356	6.5393			N/A
1/29/2019	USDDKK	9:30:00 AM	6.5249	6.5277			N/A
1/29/2019	USDDKK	11:30:00 AM					N/A
1/29/2019	USDDKK	1:30:00 PM	6.5291	6.5327			N/A
1/29/2019	USDDKK	3:30:00 PM	6.5356	6.5391			N/A
1/30/2019	USDDKK	9:30:00 AM	6.528	6.5315			N/A
1/30/2019	USDDKK	11:30:00 AM	6.5297	6.5334			N/A
1/30/2019	USDDKK	1:30:00 PM	6.5301	6.5341			N/A
1/30/2019	USDDKK	3:30:00 PM	6.5325	6.5358			N/A
1/31/2019	USDDKK	9:30:00 AM	6.4838	6.4865			N/A
1/31/2019	USDDKK	11:30:00 AM					N/A
1/31/2019	USDDKK	1:30:00 PM	6.5005	6.5036			N/A
1/31/2019	USDDKK	3:30:00 PM	6.4974	6.4986			N/A
2/1/2019	USDDKK	9:30:00 AM	6.5234	6.5268			N/A
2/1/2019	USDDKK	11:30:00 AM	6.5145	6.5172			N/A
2/1/2019	USDDKK	1:30:00 PM	6.5062	6.5102			N/A
2/1/2019	USDDKK	3:30:00 PM	6.5154	6.5087			N/A
2/4/2019	USDDKK	9:30:00 AM	6.5236	6.5272			N/A
2/4/2019	USDDKK	11:30:00 AM					N/A
2/4/2019	USDDKK	1:30:00 PM	6.5211	6.5247			N/A
2/4/2019	USDDKK	3:30:00 PM	6.5196	6.5229			N/A
2/5/2019	USDDKK	9:30:00 AM	6.5331	6.5364			N/A
2/5/2019	USDDKK	11:30:00 AM	6.5378	6.5404			N/A
2/5/2019	USDDKK	1:30:00 PM	6.5383	6.542			N/A
2/5/2019	USDDKK	3:30:00 PM	6.536	6.5382			N/A
2/6/2019	USDDKK	9:30:00 AM	6.557	6.5599			N/A
2/6/2019	USDDKK	11:30:00 AM					N/A
2/6/2019	USDDKK	1:30:00 PM	6.5561	6.5592			N/A
2/6/2019	USDDKK	3:30:00 PM	6.5523	6.5555			N/A
2/7/2019	USDDKK	9:30:00 AM	6.5709	6.5746			N/A
2/7/2019	USDDKK	11:30:00 AM	6.5784	6.582			N/A
2/7/2019	USDDKK	1:30:00 PM	6.5852	6.5884			N/A
2/7/2019	USDDKK	3:30:00 PM	6.5815	6.5844			N/A
2/8/2019	USDDKK	9:30:00 AM	6.5826	6.5864			N/A
2/8/2019	USDDKK	11:30:00 AM					N/A
2/8/2019	USDDKK	1:30:00 PM	6.5803	6.5845			N/A
2/8/2019	USDDKK	3:30:00 PM	6.5764	6.579			N/A
2/11/2019	USDDKK	9:30:00 AM	6.5893	6.593			N/A
2/11/2019	USDDKK	11:30:00 AM	6.5961	6.5991			N/A
2/11/2019	USDDKK	1:30:00 PM	6.5946	6.5982			N/A
2/11/2019	USDDKK	3:30:00 PM	6.5989	6.6021			N/A
2/12/2019	USDDKK	9:30:00 AM	6.6118	6.616			N/A
2/12/2019	USDDKK	11:30:00 AM					N/A
2/12/2019	USDDKK	1:30:00 PM	6.6168	6.6201			N/A
2/12/2019	USDDKK	3:30:00 PM	6.6066	6.6106			N/A
2/13/2019	USDDKK	9:30:00 AM	6.5862	6.5902			N/A

2/13/2019	USDDKK	11:30:00 AM	6.5883	6.5921			N/A
2/13/2019	USDDKK	1:30:00 PM	6.5929	6.5971			N/A
2/13/2019	USDDKK	3:30:00 PM	6.6045	6.6025			N/A
2/14/2019	USDDKK	9:30:00 AM	6.61	6.6134			N/A
2/14/2019	USDDKK	11:30:00 AM					N/A
2/14/2019	USDDKK	1:30:00 PM	6.6172	6.6203			N/A
2/14/2019	USDDKK	3:30:00 PM	6.6167	6.6144			N/A
2/15/2019	USDDKK	9:30:00 AM					N/A
2/15/2019	USDDKK	11:30:00 AM					N/A
2/15/2019	USDDKK	1:30:00 PM					N/A
2/15/2019	USDDKK	3:30:00 PM					N/A
2/18/2019	USDDKK	9:30:00 AM	6.5969	6.6			N/A
2/18/2019	USDDKK	11:30:00 AM					N/A
2/18/2019	USDDKK	1:30:00 PM	6.5874	6.5911			N/A
2/18/2019	USDDKK	3:30:00 PM	6.5885	6.5924			N/A
2/19/2019	USDDKK	9:30:00 AM	6.6011	6.6042			N/A
2/19/2019	USDDKK	11:30:00 AM	6.6009	6.603			N/A
2/19/2019	USDDKK	1:30:00 PM	6.6119	6.6154			N/A
2/19/2019	USDDKK	3:30:00 PM	6.6068	6.6106			N/A
2/20/2019	USDDKK	9:30:00 AM	6.5812	6.584			N/A
2/20/2019	USDDKK	11:30:00 AM					N/A
2/20/2019	USDDKK	1:30:00 PM	6.5837	6.5867			N/A
2/20/2019	USDDKK	3:30:00 PM	6.5809	6.5841			N/A
2/21/2019	USDDKK	9:30:00 AM	6.5813	6.5843			N/A
2/21/2019	USDDKK	11:30:00 AM	6.5851	6.5869			N/A
2/21/2019	USDDKK	1:30:00 PM	6.5778	6.5814			N/A
2/21/2019	USDDKK	3:30:00 PM	6.5721	6.5682			N/A
2/22/2019	USDDKK	9:30:00 AM	6.5742	6.5783			N/A
2/22/2019	USDDKK	11:30:00 AM					N/A
2/22/2019	USDDKK	1:30:00 PM	6.5804	6.5832			N/A
2/22/2019	USDDKK	3:30:00 PM	6.5834	6.587			N/A
2/25/2019	USDDKK	9:30:00 AM	6.572	6.5754			N/A
2/25/2019	USDDKK	11:30:00 AM	6.5738	6.5773			N/A
2/25/2019	USDDKK	1:30:00 PM	6.5657	6.5689			N/A
2/25/2019	USDDKK	3:30:00 PM	6.5699	6.5735			N/A
2/26/2019	USDDKK	9:30:00 AM	6.5711	6.5744			N/A
2/26/2019	USDDKK	11:30:00 AM					N/A
2/26/2019	USDDKK	1:30:00 PM	6.565	6.5693			N/A
2/26/2019	USDDKK	3:30:00 PM	6.5686	6.5688			N/A
2/27/2019	USDDKK	9:30:00 AM	6.558	6.5617			N/A
2/27/2019	USDDKK	11:30:00 AM	6.5497	6.5524			N/A
2/27/2019	USDDKK	1:30:00 PM	6.5441	6.547			N/A
2/27/2019	USDDKK	3:30:00 PM	6.5533	6.5557			N/A
2/28/2019	USDDKK	9:30:00 AM	6.5563	6.5583			N/A
2/28/2019	USDDKK	11:30:00 AM					N/A
2/28/2019	USDDKK	1:30:00 PM	6.5353	6.5381			N/A
2/28/2019	USDDKK	3:30:00 PM	6.5491	6.5444			N/A
3/1/2019	USDDKK	9:30:00 AM	6.5618	6.5655			N/A
3/1/2019	USDDKK	11:30:00 AM	6.5687	6.5716			N/A
3/1/2019	USDDKK	1:30:00 PM	6.5562	6.56			N/A

3/1/2019	USDDKK	3:30:00 PM	6.555	6.5581			N/A
3/4/2019	USDDKK	9:30:00 AM	6.5644	6.5683			N/A
3/4/2019	USDDKK	11:30:00 AM					N/A
3/4/2019	USDDKK	1:30:00 PM	6.5797	6.5832			N/A
3/4/2019	USDDKK	3:30:00 PM	6.5768	6.5804			N/A
3/5/2019	USDDKK	9:30:00 AM	6.5911	6.5945			N/A
3/5/2019	USDDKK	11:30:00 AM	6.5864	6.5898			N/A
3/5/2019	USDDKK	1:30:00 PM	6.5845	6.5883			N/A
3/5/2019	USDDKK	3:30:00 PM	6.5873	6.5905			N/A
3/6/2019	USDDKK	9:30:00 AM	6.6035	6.6064			N/A
3/6/2019	USDDKK	11:30:00 AM					N/A
3/6/2019	USDDKK	1:30:00 PM	6.5991	6.6031			N/A
3/6/2019	USDDKK	3:30:00 PM	6.6041	6.6008			N/A
3/7/2019	USDDKK	9:30:00 AM	6.5987	6.6029			N/A
3/7/2019	USDDKK	11:30:00 AM	6.5957	6.5998			N/A
3/7/2019	USDDKK	1:30:00 PM	6.5939	6.5978			N/A
3/7/2019	USDDKK	3:30:00 PM	6.6228	6.6242			N/A
3/8/2019	USDDKK	9:30:00 AM	6.6559	6.6593			N/A
3/8/2019	USDDKK	11:30:00 AM					N/A
3/8/2019	USDDKK	1:30:00 PM	6.649	6.652			N/A
3/8/2019	USDDKK	3:30:00 PM	6.6457	6.6401			N/A
3/11/2019	USDDKK	9:30:00 AM	6.6356	6.639			N/A
3/11/2019	USDDKK	11:30:00 AM	6.6317	6.635			N/A
3/11/2019	USDDKK	1:30:00 PM	6.6359	6.6393			N/A
3/11/2019	USDDKK	3:30:00 PM	6.6291	6.632			N/A
3/12/2019	USDDKK	9:30:00 AM	6.6264	6.6302			N/A
3/12/2019	USDDKK	11:30:00 AM					N/A
3/12/2019	USDDKK	1:30:00 PM	6.6257	6.6295			N/A
3/12/2019	USDDKK	3:30:00 PM	6.6151	6.6177			N/A
3/13/2019	USDDKK	9:30:00 AM	6.6096	6.6134			N/A
3/13/2019	USDDKK	11:30:00 AM	6.6034	6.6075			N/A
3/13/2019	USDDKK	1:30:00 PM	6.6048	6.6086			N/A
3/13/2019	USDDKK	3:30:00 PM	6.6017	6.6043			N/A
3/14/2019	USDDKK	9:30:00 AM	6.5864	6.5903			N/A
3/14/2019	USDDKK	11:30:00 AM					N/A
3/14/2019	USDDKK	1:30:00 PM	6.6034	6.6047			N/A
3/14/2019	USDDKK	3:30:00 PM	6.6035	6.607			N/A
3/15/2019	USDDKK	9:30:00 AM	6.592	6.5948			N/A
3/15/2019	USDDKK	11:30:00 AM	6.5932	6.5971			N/A
3/15/2019	USDDKK	1:30:00 PM	6.592	6.5963			N/A
3/15/2019	USDDKK	3:30:00 PM	6.5951	6.5974			N/A
3/18/2019	USDDKK	9:30:00 AM	6.5803	6.5832			N/A
3/18/2019	USDDKK	11:30:00 AM					N/A
3/18/2019	USDDKK	1:30:00 PM	6.5705	6.5742			N/A
3/18/2019	USDDKK	3:30:00 PM	6.5765	6.5802			N/A
3/19/2019	USDDKK	9:30:00 AM	6.5755	6.5785			N/A
3/19/2019	USDDKK	11:30:00 AM	6.5723	6.576			N/A
3/19/2019	USDDKK	1:30:00 PM	6.5706	6.574			N/A
3/19/2019	USDDKK	3:30:00 PM	6.5728	6.5761			N/A
3/20/2019	USDDKK	9:30:00 AM	6.5745	6.5782			N/A

3/20/2019	USDDKK	11:30:00 AM					N/A
3/20/2019	USDDKK	1:30:00 PM	6.5734	6.5773			N/A
3/20/2019	USDDKK	3:30:00 PM	6.5691	6.5725			N/A
3/21/2019	USDDKK	9:30:00 AM	6.5306	6.5325			N/A
3/21/2019	USDDKK	11:30:00 AM	6.5451	6.5478			N/A
3/21/2019	USDDKK	1:30:00 PM	6.552	6.5553			N/A
3/21/2019	USDDKK	3:30:00 PM	6.5511	6.5541			N/A
3/22/2019	USDDKK	9:30:00 AM	6.5539	6.5574			N/A
3/22/2019	USDDKK	11:30:00 AM					N/A
3/22/2019	USDDKK	1:30:00 PM	6.6001	6.6038			N/A
3/22/2019	USDDKK	3:30:00 PM	6.6013	6.6047			N/A
3/25/2019	USDDKK	9:30:00 AM	6.6004	6.6036			N/A
3/25/2019	USDDKK	11:30:00 AM	6.5946	6.5979			N/A
3/25/2019	USDDKK	1:30:00 PM	6.6	6.604			N/A
3/25/2019	USDDKK	3:30:00 PM	6.5958	6.5992			N/A
3/26/2019	USDDKK	9:30:00 AM	6.5975	6.6009			N/A
3/26/2019	USDDKK	11:30:00 AM					N/A
3/26/2019	USDDKK	1:30:00 PM	6.5961	6.5992			N/A
3/26/2019	USDDKK	3:30:00 PM	6.6106	6.6131			N/A
3/27/2019	USDDKK	9:30:00 AM	6.632	6.6352			N/A
3/27/2019	USDDKK	11:30:00 AM	6.6212	6.6241			N/A
3/27/2019	USDDKK	1:30:00 PM	6.6185	6.6224			N/A
3/27/2019	USDDKK	3:30:00 PM	6.6299	6.6325			N/A
3/28/2019	USDDKK	9:30:00 AM	6.6317	6.6355			N/A
3/28/2019	USDDKK	11:30:00 AM					N/A
3/28/2019	USDDKK	1:30:00 PM	6.6483	6.6505			N/A
3/28/2019	USDDKK	3:30:00 PM	6.6496	6.652			N/A
3/29/2019	USDDKK	9:30:00 AM	6.642	6.6454			N/A
3/29/2019	USDDKK	11:30:00 AM	6.6491	6.6519			N/A
3/29/2019	USDDKK	1:30:00 PM	6.6458	6.6489			N/A
3/29/2019	USDDKK	3:30:00 PM	6.6454	6.6475			N/A
1/1/2019	USDHKD	9:30:00 AM					N/A
1/1/2019	USDHKD	11:30:00 AM					N/A
1/1/2019	USDHKD	1:30:00 PM					N/A
1/1/2019	USDHKD	3:30:00 PM					N/A
1/2/2019	USDHKD	9:30:00 AM					N/A
1/2/2019	USDHKD	11:30:00 AM					N/A
1/2/2019	USDHKD	1:30:00 PM					N/A
1/2/2019	USDHKD	3:30:00 PM					N/A
1/3/2019	USDHKD	9:30:00 AM					N/A
1/3/2019	USDHKD	11:30:00 AM					N/A
1/3/2019	USDHKD	1:30:00 PM					N/A
1/3/2019	USDHKD	3:30:00 PM					N/A
1/4/2019	USDHKD	9:30:00 AM					N/A
1/4/2019	USDHKD	11:30:00 AM					N/A
1/4/2019	USDHKD	1:30:00 PM					N/A
1/4/2019	USDHKD	3:30:00 PM					N/A
1/7/2019	USDHKD	9:30:00 AM	7.8361	7.8363			N/A
1/7/2019	USDHKD	11:30:00 AM					N/A
1/7/2019	USDHKD	1:30:00 PM	7.8352	7.8354			N/A

1/7/2019	USDHKD	3:30:00 PM	7.8352	7.8356			N/A
1/8/2019	USDHKD	9:30:00 AM	7.8379	7.8383			N/A
1/8/2019	USDHKD	11:30:00 AM	7.8389	7.8391			N/A
1/8/2019	USDHKD	1:30:00 PM	7.8387	7.8383			N/A
1/8/2019	USDHKD	3:30:00 PM	7.838	7.8383			N/A
1/9/2019	USDHKD	9:30:00 AM	7.8393	7.8396			N/A
1/9/2019	USDHKD	11:30:00 AM					N/A
1/9/2019	USDHKD	1:30:00 PM	7.8392	7.8393			N/A
1/9/2019	USDHKD	3:30:00 PM	7.8381	7.8381			N/A
1/10/2019	USDHKD	9:30:00 AM	7.8377	7.8381			N/A
1/10/2019	USDHKD	11:30:00 AM	7.8398	7.8401			N/A
1/10/2019	USDHKD	1:30:00 PM	7.8388	7.8391			N/A
1/10/2019	USDHKD	3:30:00 PM	7.8385	7.8386			N/A
1/11/2019	USDHKD	9:30:00 AM	7.8415	7.8417			N/A
1/11/2019	USDHKD	11:30:00 AM					N/A
1/11/2019	USDHKD	1:30:00 PM	7.8404	7.8404			N/A
1/11/2019	USDHKD	3:30:00 PM	7.8406	7.8406			N/A
1/14/2019	USDHKD	9:30:00 AM	7.8423	7.8425			N/A
1/14/2019	USDHKD	11:30:00 AM	7.8422	7.8424			N/A
1/14/2019	USDHKD	1:30:00 PM	7.843	7.8434			N/A
1/14/2019	USDHKD	3:30:00 PM	7.8425	7.8429			N/A
1/15/2019	USDHKD	9:30:00 AM	7.8424	7.8427			N/A
1/15/2019	USDHKD	11:30:00 AM					N/A
1/15/2019	USDHKD	1:30:00 PM	7.843	7.8433			N/A
1/15/2019	USDHKD	3:30:00 PM	7.8426	7.8429			N/A
1/16/2019	USDHKD	9:30:00 AM	7.8444	7.8447			N/A
1/16/2019	USDHKD	11:30:00 AM	7.8442	7.8441			N/A
1/16/2019	USDHKD	1:30:00 PM	7.8441	7.8442			N/A
1/16/2019	USDHKD	3:30:00 PM	7.8439	7.8439			N/A
1/17/2019	USDHKD	9:30:00 AM	7.8446	7.8445			N/A
1/17/2019	USDHKD	11:30:00 AM					N/A
1/17/2019	USDHKD	1:30:00 PM	7.8435	7.8435			N/A
1/17/2019	USDHKD	3:30:00 PM	7.8441	7.8445			N/A
1/18/2019	USDHKD	9:30:00 AM	7.8444	7.8445			N/A
1/18/2019	USDHKD	11:30:00 AM	7.8434	7.8435			N/A
1/18/2019	USDHKD	1:30:00 PM	7.844	7.8444			N/A
1/18/2019	USDHKD	3:30:00 PM	7.8444	7.8439			N/A
1/21/2019	USDHKD	9:30:00 AM	7.8437	7.844			N/A
1/21/2019	USDHKD	11:30:00 AM					N/A
1/21/2019	USDHKD	1:30:00 PM	7.8449	7.8453			N/A
1/21/2019	USDHKD	3:30:00 PM	7.8448	7.8449			N/A
1/22/2019	USDHKD	9:30:00 AM	7.8459	7.846			N/A
1/22/2019	USDHKD	11:30:00 AM	7.846	7.8463			N/A
1/22/2019	USDHKD	1:30:00 PM	7.8461	7.8465			N/A
1/22/2019	USDHKD	3:30:00 PM	7.8463	7.8465			N/A
1/23/2019	USDHKD	9:30:00 AM	7.8457	7.846			N/A
1/23/2019	USDHKD	11:30:00 AM					N/A
1/23/2019	USDHKD	1:30:00 PM	7.8458	7.8461			N/A
1/23/2019	USDHKD	3:30:00 PM	7.8452	7.8457			N/A
1/24/2019	USDHKD	9:30:00 AM	7.8461	7.8463			N/A

1/24/2019	USDHKD	11:30:00 AM	7.8465	7.8462			N/A
1/24/2019	USDHKD	1:30:00 PM	7.8465	7.8469			N/A
1/24/2019	USDHKD	3:30:00 PM	7.8462	7.8464			N/A
1/25/2019	USDHKD	9:30:00 AM	7.8465	7.8468			N/A
1/25/2019	USDHKD	11:30:00 AM					N/A
1/25/2019	USDHKD	1:30:00 PM	7.8458	7.8456			N/A
1/25/2019	USDHKD	3:30:00 PM	7.8458	7.846			N/A
1/28/2019	USDHKD	9:30:00 AM	7.8458	7.846			N/A
1/28/2019	USDHKD	11:30:00 AM	7.8452	7.8456			N/A
1/28/2019	USDHKD	1:30:00 PM	7.8457	7.8461			N/A
1/28/2019	USDHKD	3:30:00 PM	7.8458	7.8459			N/A
1/29/2019	USDHKD	9:30:00 AM	7.8458	7.8463			N/A
1/29/2019	USDHKD	11:30:00 AM					N/A
1/29/2019	USDHKD	1:30:00 PM	7.8457	7.8454			N/A
1/29/2019	USDHKD	3:30:00 PM	7.8455	7.8455			N/A
1/30/2019	USDHKD	9:30:00 AM	7.8438	7.8439			N/A
1/30/2019	USDHKD	11:30:00 AM	7.8438	7.8439			N/A
1/30/2019	USDHKD	1:30:00 PM	7.8439	7.8441			N/A
1/30/2019	USDHKD	3:30:00 PM	7.8449	7.845			N/A
1/31/2019	USDHKD	9:30:00 AM	7.8461	7.8464			N/A
1/31/2019	USDHKD	11:30:00 AM					N/A
1/31/2019	USDHKD	1:30:00 PM	7.8466	7.8467			N/A
1/31/2019	USDHKD	3:30:00 PM	7.846	7.8463			N/A
2/1/2019	USDHKD	9:30:00 AM	7.8454	7.8456			N/A
2/1/2019	USDHKD	11:30:00 AM	7.8461	7.8464			N/A
2/1/2019	USDHKD	1:30:00 PM	7.8462	7.8465			N/A
2/1/2019	USDHKD	3:30:00 PM	7.8468	7.8471			N/A
2/4/2019	USDHKD	9:30:00 AM	7.8451	7.8455			N/A
2/4/2019	USDHKD	11:30:00 AM					N/A
2/4/2019	USDHKD	1:30:00 PM	7.846	7.8462			N/A
2/4/2019	USDHKD	3:30:00 PM	7.8464	7.8461			N/A
2/5/2019	USDHKD	9:30:00 AM	7.845	7.8454			N/A
2/5/2019	USDHKD	11:30:00 AM	7.8448	7.8446			N/A
2/5/2019	USDHKD	1:30:00 PM	7.8447	7.8448			N/A
2/5/2019	USDHKD	3:30:00 PM	7.8455	7.8455			N/A
2/6/2019	USDHKD	9:30:00 AM	7.8452	7.8452			N/A
2/6/2019	USDHKD	11:30:00 AM					N/A
2/6/2019	USDHKD	1:30:00 PM	7.8447	7.845			N/A
2/6/2019	USDHKD	3:30:00 PM	7.8456	7.8456			N/A
2/7/2019	USDHKD	9:30:00 AM					N/A
2/7/2019	USDHKD	11:30:00 AM	7.8452	7.8455			N/A
2/7/2019	USDHKD	1:30:00 PM					N/A
2/7/2019	USDHKD	3:30:00 PM	7.8465	7.8465			N/A
2/8/2019	USDHKD	9:30:00 AM	7.8461	7.8465			N/A
2/8/2019	USDHKD	11:30:00 AM					N/A
2/8/2019	USDHKD	1:30:00 PM	7.8458	7.8462			N/A
2/8/2019	USDHKD	3:30:00 PM	7.8457	7.8457			N/A
2/11/2019	USDHKD	9:30:00 AM	7.8468	7.8473			N/A
2/11/2019	USDHKD	11:30:00 AM	7.8466	7.8469			N/A
2/11/2019	USDHKD	1:30:00 PM	7.8468	7.8471			N/A

2/11/2019	USDHKD	3:30:00 PM	7.8475	7.8475			N/A
2/12/2019	USDHKD	9:30:00 AM	7.8478	7.8478			N/A
2/12/2019	USDHKD	11:30:00 AM					N/A
2/12/2019	USDHKD	1:30:00 PM	7.8481	7.8482			N/A
2/12/2019	USDHKD	3:30:00 PM	7.8483	7.8487			N/A
2/13/2019	USDHKD	9:30:00 AM	7.8482	7.8483			N/A
2/13/2019	USDHKD	11:30:00 AM	7.8476	7.848			N/A
2/13/2019	USDHKD	1:30:00 PM	7.8481	7.8483			N/A
2/13/2019	USDHKD	3:30:00 PM	7.8482	7.8487			N/A
2/14/2019	USDHKD	9:30:00 AM	7.8475	7.8477			N/A
2/14/2019	USDHKD	11:30:00 AM					N/A
2/14/2019	USDHKD	1:30:00 PM	7.8475	7.8475			N/A
2/14/2019	USDHKD	3:30:00 PM	7.8475	7.8477			N/A
2/15/2019	USDHKD	9:30:00 AM					N/A
2/15/2019	USDHKD	11:30:00 AM					N/A
2/15/2019	USDHKD	1:30:00 PM					N/A
2/15/2019	USDHKD	3:30:00 PM					N/A
2/18/2019	USDHKD	9:30:00 AM	7.8476	7.8474			N/A
2/18/2019	USDHKD	11:30:00 AM					N/A
2/18/2019	USDHKD	1:30:00 PM	7.8469	7.8471			N/A
2/18/2019	USDHKD	3:30:00 PM	7.8475	7.8473			N/A
2/19/2019	USDHKD	9:30:00 AM	7.848	7.8484			N/A
2/19/2019	USDHKD	11:30:00 AM	7.8483	7.8485			N/A
2/19/2019	USDHKD	1:30:00 PM	7.8485	7.8487			N/A
2/19/2019	USDHKD	3:30:00 PM	7.8481	7.8484			N/A
2/20/2019	USDHKD	9:30:00 AM	7.8485	7.8484			N/A
2/20/2019	USDHKD	11:30:00 AM					N/A
2/20/2019	USDHKD	1:30:00 PM	7.848	7.8485			N/A
2/20/2019	USDHKD	3:30:00 PM	7.8489	7.849			N/A
2/21/2019	USDHKD	9:30:00 AM	7.8471	7.8459			N/A
2/21/2019	USDHKD	11:30:00 AM	7.8476	7.8479			N/A
2/21/2019	USDHKD	1:30:00 PM	7.8474	7.8477			N/A
2/21/2019	USDHKD	3:30:00 PM	7.847	7.8475			N/A
2/22/2019	USDHKD	9:30:00 AM	7.8485	7.8489			N/A
2/22/2019	USDHKD	11:30:00 AM					N/A
2/22/2019	USDHKD	1:30:00 PM	7.8484	7.8485			N/A
2/22/2019	USDHKD	3:30:00 PM					N/A
2/25/2019	USDHKD	9:30:00 AM	7.8482	7.8486			N/A
2/25/2019	USDHKD	11:30:00 AM	7.8485	7.8488			N/A
2/25/2019	USDHKD	1:30:00 PM	7.8485	7.8488			N/A
2/25/2019	USDHKD	3:30:00 PM	7.8488	7.8487			N/A
2/26/2019	USDHKD	9:30:00 AM	7.8489	7.8492			N/A
2/26/2019	USDHKD	11:30:00 AM					N/A
2/26/2019	USDHKD	1:30:00 PM	7.8487	7.8489			N/A
2/26/2019	USDHKD	3:30:00 PM	7.849	7.8492			N/A
2/27/2019	USDHKD	9:30:00 AM	7.8492	7.8497			N/A
2/27/2019	USDHKD	11:30:00 AM	7.8492	7.8492			N/A
2/27/2019	USDHKD	1:30:00 PM	7.8495	7.8489			N/A
2/27/2019	USDHKD	3:30:00 PM	7.8496	7.8498			N/A
2/28/2019	USDHKD	9:30:00 AM	7.8495	7.8491			N/A

2/28/2019	USDHKD	11:30:00 AM					N/A
2/28/2019	USDHKD	1:30:00 PM	7.8488	7.8491			N/A
2/28/2019	USDHKD	3:30:00 PM	7.8496	7.8498			N/A
3/1/2019	USDHKD	9:30:00 AM	7.848	7.8481			N/A
3/1/2019	USDHKD	11:30:00 AM	7.8485	7.8487			N/A
3/1/2019	USDHKD	1:30:00 PM	7.8477	7.8479			N/A
3/1/2019	USDHKD	3:30:00 PM	7.8481	7.8477			N/A
3/4/2019	USDHKD	9:30:00 AM	7.8492	7.8495			N/A
3/4/2019	USDHKD	11:30:00 AM					N/A
3/4/2019	USDHKD	1:30:00 PM	7.8492	7.8494			N/A
3/4/2019	USDHKD	3:30:00 PM	7.849	7.8494			N/A
3/5/2019	USDHKD	9:30:00 AM	7.8495	7.8497			N/A
3/5/2019	USDHKD	11:30:00 AM	7.8496	7.85			N/A
3/5/2019	USDHKD	1:30:00 PM	7.8491	7.8493			N/A
3/5/2019	USDHKD	3:30:00 PM	7.8495	7.8495			N/A
3/6/2019	USDHKD	9:30:00 AM	7.8496	7.8494			N/A
3/6/2019	USDHKD	11:30:00 AM					N/A
3/6/2019	USDHKD	1:30:00 PM	7.8489	7.8494			N/A
3/6/2019	USDHKD	3:30:00 PM	7.8496	7.8499			N/A
3/7/2019	USDHKD	9:30:00 AM	7.8495	7.8496			N/A
3/7/2019	USDHKD	11:30:00 AM	7.849	7.8492			N/A
3/7/2019	USDHKD	1:30:00 PM	7.8496	7.8499			N/A
3/7/2019	USDHKD	3:30:00 PM	7.8494	7.8494			N/A
3/8/2019	USDHKD	9:30:00 AM	7.8497	7.8497			N/A
3/8/2019	USDHKD	11:30:00 AM					N/A
3/8/2019	USDHKD	1:30:00 PM	7.8493	7.8497			N/A
3/8/2019	USDHKD	3:30:00 PM	7.8497	7.8497			N/A
3/11/2019	USDHKD	9:30:00 AM	7.8494	7.8492			N/A
3/11/2019	USDHKD	11:30:00 AM	7.8492	7.8493			N/A
3/11/2019	USDHKD	1:30:00 PM	7.849	7.8491			N/A
3/11/2019	USDHKD	3:30:00 PM	7.8493	7.8492			N/A
3/12/2019	USDHKD	9:30:00 AM	7.8496	7.8498			N/A
3/12/2019	USDHKD	11:30:00 AM					N/A
3/12/2019	USDHKD	1:30:00 PM	7.8494	7.8494			N/A
3/12/2019	USDHKD	3:30:00 PM	7.8498	7.8502			N/A
3/13/2019	USDHKD	9:30:00 AM	7.8495	7.8497			N/A
3/13/2019	USDHKD	11:30:00 AM	7.8497	7.8496			N/A
3/13/2019	USDHKD	1:30:00 PM	7.8498	7.8498			N/A
3/13/2019	USDHKD	3:30:00 PM	7.8487	7.849			N/A
3/14/2019	USDHKD	9:30:00 AM	7.8496	7.85			N/A
3/14/2019	USDHKD	11:30:00 AM					N/A
3/14/2019	USDHKD	1:30:00 PM	7.8486	7.8491			N/A
3/14/2019	USDHKD	3:30:00 PM	7.8497	7.8493			N/A
3/15/2019	USDHKD	9:30:00 AM	7.8493	7.8497			N/A
3/15/2019	USDHKD	11:30:00 AM	7.8489	7.8494			N/A
3/15/2019	USDHKD	1:30:00 PM	7.8494	7.8497			N/A
3/15/2019	USDHKD	3:30:00 PM	7.8492	7.8494			N/A
3/18/2019	USDHKD	9:30:00 AM	7.8495	7.8498			N/A
3/18/2019	USDHKD	11:30:00 AM					N/A
3/18/2019	USDHKD	1:30:00 PM	7.8494	7.8499			N/A

3/18/2019	USDHKD	3:30:00 PM	7.8497	7.8498			N/A
3/19/2019	USDHKD	9:30:00 AM	7.8496	7.8497			N/A
3/19/2019	USDHKD	11:30:00 AM	7.8496	7.8495			N/A
3/19/2019	USDHKD	1:30:00 PM	7.849	7.8495			N/A
3/19/2019	USDHKD	3:30:00 PM	7.849	7.8492			N/A
3/20/2019	USDHKD	9:30:00 AM	7.8496	7.8499			N/A
3/20/2019	USDHKD	11:30:00 AM					N/A
3/20/2019	USDHKD	1:30:00 PM	7.8498	7.8498			N/A
3/20/2019	USDHKD	3:30:00 PM	7.8495	7.8496			N/A
3/21/2019	USDHKD	9:30:00 AM	7.8478	7.8481			N/A
3/21/2019	USDHKD	11:30:00 AM	7.8475	7.8477			N/A
3/21/2019	USDHKD	1:30:00 PM	7.8473	7.8476			N/A
3/21/2019	USDHKD	3:30:00 PM	7.8469	7.8472			N/A
3/22/2019	USDHKD	9:30:00 AM	7.8467	7.8468			N/A
3/22/2019	USDHKD	11:30:00 AM					N/A
3/22/2019	USDHKD	1:30:00 PM	7.8468	7.847			N/A
3/22/2019	USDHKD	3:30:00 PM	7.8462	7.8465			N/A
3/25/2019	USDHKD	9:30:00 AM	7.8483	7.8484			N/A
3/25/2019	USDHKD	11:30:00 AM	7.8478	7.8476			N/A
3/25/2019	USDHKD	1:30:00 PM	7.8481	7.8482			N/A
3/25/2019	USDHKD	3:30:00 PM	7.848	7.8483			N/A
3/26/2019	USDHKD	9:30:00 AM	7.8485	7.848			N/A
3/26/2019	USDHKD	11:30:00 AM					N/A
3/26/2019	USDHKD	1:30:00 PM	7.8482	7.8486			N/A
3/26/2019	USDHKD	3:30:00 PM	7.8482	7.8484			N/A
3/27/2019	USDHKD	9:30:00 AM	7.8491	7.8493			N/A
3/27/2019	USDHKD	11:30:00 AM	7.848	7.8485			N/A
3/27/2019	USDHKD	1:30:00 PM	7.8488	7.8492			N/A
3/27/2019	USDHKD	3:30:00 PM	7.8486	7.8487			N/A
3/28/2019	USDHKD	9:30:00 AM	7.849	7.8493			N/A
3/28/2019	USDHKD	11:30:00 AM					N/A
3/28/2019	USDHKD	1:30:00 PM	7.8496	7.8492			N/A
3/28/2019	USDHKD	3:30:00 PM	7.8488	7.8493			N/A
3/29/2019	USDHKD	9:30:00 AM	7.8496	7.8501			N/A
3/29/2019	USDHKD	11:30:00 AM	7.8497	7.8502			N/A
3/29/2019	USDHKD	1:30:00 PM	7.8485	7.849			N/A
3/29/2019	USDHKD	3:30:00 PM	7.8494	7.8495			N/A
1/1/2019	USDHUF	9:30:00 AM					N/A
1/1/2019	USDHUF	11:30:00 AM					N/A
1/1/2019	USDHUF	1:30:00 PM					N/A
1/1/2019	USDHUF	3:30:00 PM					N/A
1/2/2019	USDHUF	9:30:00 AM					N/A
1/2/2019	USDHUF	11:30:00 AM					N/A
1/2/2019	USDHUF	1:30:00 PM					N/A
1/2/2019	USDHUF	3:30:00 PM					N/A
1/3/2019	USDHUF	9:30:00 AM					N/A
1/3/2019	USDHUF	11:30:00 AM					N/A
1/3/2019	USDHUF	1:30:00 PM					N/A
1/3/2019	USDHUF	3:30:00 PM					N/A
1/4/2019	USDHUF	9:30:00 AM					N/A

1/4/2019	USDHUF	11:30:00 AM					N/A
1/4/2019	USDHUF	1:30:00 PM					N/A
1/4/2019	USDHUF	3:30:00 PM					N/A
1/7/2019	USDHUF	9:30:00 AM	281.05	281.41			N/A
1/7/2019	USDHUF	11:30:00 AM					N/A
1/7/2019	USDHUF	1:30:00 PM	280.6	281			N/A
1/7/2019	USDHUF	3:30:00 PM	280.2	280.63			N/A
1/8/2019	USDHUF	9:30:00 AM	280.66	281			N/A
1/8/2019	USDHUF	11:30:00 AM	280.31	280.67			N/A
1/8/2019	USDHUF	1:30:00 PM	280.84	281.28			N/A
1/8/2019	USDHUF	3:30:00 PM	281.23	281.68			N/A
1/9/2019	USDHUF	9:30:00 AM	280.28	280.72			N/A
1/9/2019	USDHUF	11:30:00 AM					N/A
1/9/2019	USDHUF	1:30:00 PM	280.88	281.14			N/A
1/9/2019	USDHUF	3:30:00 PM	280.8	281.24			N/A
1/10/2019	USDHUF	9:30:00 AM	278.16	278.59			N/A
1/10/2019	USDHUF	11:30:00 AM	279	279.41			N/A
1/10/2019	USDHUF	1:30:00 PM	278.45	278.84			N/A
1/10/2019	USDHUF	3:30:00 PM	278.06	278.48			N/A
1/11/2019	USDHUF	9:30:00 AM	278.38	278.85			N/A
1/11/2019	USDHUF	11:30:00 AM					N/A
1/11/2019	USDHUF	1:30:00 PM	278.65	279.1			N/A
1/11/2019	USDHUF	3:30:00 PM	278.82	279.08			N/A
1/14/2019	USDHUF	9:30:00 AM	280.02	280.45			N/A
1/14/2019	USDHUF	11:30:00 AM	279.86	280.23			N/A
1/14/2019	USDHUF	1:30:00 PM	280	280.39			N/A
1/14/2019	USDHUF	3:30:00 PM	280.2	280.65			N/A
1/15/2019	USDHUF	9:30:00 AM	280.1	280.48			N/A
1/15/2019	USDHUF	11:30:00 AM					N/A
1/15/2019	USDHUF	1:30:00 PM	281.5	281.92			N/A
1/15/2019	USDHUF	3:30:00 PM	282.44	282.79			N/A
1/16/2019	USDHUF	9:30:00 AM	283.35	283.68			N/A
1/16/2019	USDHUF	11:30:00 AM	283.17	283.62			N/A
1/16/2019	USDHUF	1:30:00 PM	282.19	282.55			N/A
1/16/2019	USDHUF	3:30:00 PM	282.15	282.56			N/A
1/17/2019	USDHUF	9:30:00 AM	282.61	283.05			N/A
1/17/2019	USDHUF	11:30:00 AM					N/A
1/17/2019	USDHUF	1:30:00 PM	280.97	281.32			N/A
1/17/2019	USDHUF	3:30:00 PM	280.82	280.94			N/A
1/18/2019	USDHUF	9:30:00 AM	280.19	280.63			N/A
1/18/2019	USDHUF	11:30:00 AM	279.81	280.23			N/A
1/18/2019	USDHUF	1:30:00 PM	279.01	279.45			N/A
1/18/2019	USDHUF	3:30:00 PM	278.84	279.26			N/A
1/21/2019	USDHUF	9:30:00 AM	279.1	279.57			N/A
1/21/2019	USDHUF	11:30:00 AM					N/A
1/21/2019	USDHUF	1:30:00 PM	279.34	279.79			N/A
1/21/2019	USDHUF	3:30:00 PM	279.43	279.85			N/A
1/22/2019	USDHUF	9:30:00 AM	279.72	280.08			N/A
1/22/2019	USDHUF	11:30:00 AM	279.61	280.05			N/A
1/22/2019	USDHUF	1:30:00 PM	279.77	280.2			N/A

1/22/2019	USDHUF	3:30:00 PM	279.93	280.36			N/A
1/23/2019	USDHUF	9:30:00 AM	279.77	280.22			N/A
1/23/2019	USDHUF	11:30:00 AM					N/A
1/23/2019	USDHUF	1:30:00 PM	279.7	280.13			N/A
1/23/2019	USDHUF	3:30:00 PM	279.75	280.2			N/A
1/24/2019	USDHUF	9:30:00 AM	279.42	279.88			N/A
1/24/2019	USDHUF	11:30:00 AM	280.72	281.1			N/A
1/24/2019	USDHUF	1:30:00 PM	280.9	281.24			N/A
1/24/2019	USDHUF	3:30:00 PM	280.7	281.11			N/A
1/25/2019	USDHUF	9:30:00 AM	281.07	281.5			N/A
1/25/2019	USDHUF	11:30:00 AM					N/A
1/25/2019	USDHUF	1:30:00 PM	280.33	280.78			N/A
1/25/2019	USDHUF	3:30:00 PM	280.16	280.59			N/A
1/28/2019	USDHUF	9:30:00 AM	278.05	278.46			N/A
1/28/2019	USDHUF	11:30:00 AM	278.51	278.95			N/A
1/28/2019	USDHUF	1:30:00 PM	278.14	278.6			N/A
1/28/2019	USDHUF	3:30:00 PM	277.87	278.32			N/A
1/29/2019	USDHUF	9:30:00 AM	277.2	277.67			N/A
1/29/2019	USDHUF	11:30:00 AM					N/A
1/29/2019	USDHUF	1:30:00 PM	277.21	277.67			N/A
1/29/2019	USDHUF	3:30:00 PM	277.49	277.95			N/A
1/30/2019	USDHUF	9:30:00 AM	277.15	277.58			N/A
1/30/2019	USDHUF	11:30:00 AM	277.18	277.65			N/A
1/30/2019	USDHUF	1:30:00 PM	277.15	277.62			N/A
1/30/2019	USDHUF	3:30:00 PM	276.87	277.3			N/A
1/31/2019	USDHUF	9:30:00 AM	273.94	274.39			N/A
1/31/2019	USDHUF	11:30:00 AM					N/A
1/31/2019	USDHUF	1:30:00 PM	275	275.45			N/A
1/31/2019	USDHUF	3:30:00 PM	274.73	275.04			N/A
2/1/2019	USDHUF	9:30:00 AM	275.75	276.22			N/A
2/1/2019	USDHUF	11:30:00 AM	276.67	277.09			N/A
2/1/2019	USDHUF	1:30:00 PM	276.99	277.47			N/A
2/1/2019	USDHUF	3:30:00 PM	277.51	277.33			N/A
2/4/2019	USDHUF	9:30:00 AM	277.31	277.78			N/A
2/4/2019	USDHUF	11:30:00 AM					N/A
2/4/2019	USDHUF	1:30:00 PM	277.29	277.74			N/A
2/4/2019	USDHUF	3:30:00 PM	277.42	277.85			N/A
2/5/2019	USDHUF	9:30:00 AM	277.5	277.96			N/A
2/5/2019	USDHUF	11:30:00 AM	277.94	278.35			N/A
2/5/2019	USDHUF	1:30:00 PM	277.84	278.3			N/A
2/5/2019	USDHUF	3:30:00 PM	277.72	278.14			N/A
2/6/2019	USDHUF	9:30:00 AM	279.05	279.47			N/A
2/6/2019	USDHUF	11:30:00 AM					N/A
2/6/2019	USDHUF	1:30:00 PM	279.53	279.99			N/A
2/6/2019	USDHUF	3:30:00 PM	279.49	279.92			N/A
2/7/2019	USDHUF	9:30:00 AM	280.55	281.02			N/A
2/7/2019	USDHUF	11:30:00 AM	281.42	281.86			N/A
2/7/2019	USDHUF	1:30:00 PM	281.58	282.01			N/A
2/7/2019	USDHUF	3:30:00 PM	281.49	281.93			N/A
2/8/2019	USDHUF	9:30:00 AM	280.88	281.34			N/A

2/8/2019	USDHUF	11:30:00 AM					N/A
2/8/2019	USDHUF	1:30:00 PM	280.81	281.28			N/A
2/8/2019	USDHUF	3:30:00 PM	280.33	280.77			N/A
2/11/2019	USDHUF	9:30:00 AM	281.29	281.66			N/A
2/11/2019	USDHUF	11:30:00 AM	282.31	282.77			N/A
2/11/2019	USDHUF	1:30:00 PM	282.35	282.79			N/A
2/11/2019	USDHUF	3:30:00 PM	282.54	282.96			N/A
2/12/2019	USDHUF	9:30:00 AM	283.1	283.55			N/A
2/12/2019	USDHUF	11:30:00 AM					N/A
2/12/2019	USDHUF	1:30:00 PM	281.89	282.31			N/A
2/12/2019	USDHUF	3:30:00 PM	281.35	281.77			N/A
2/13/2019	USDHUF	9:30:00 AM	280.58	281.04			N/A
2/13/2019	USDHUF	11:30:00 AM	280.26	280.7			N/A
2/13/2019	USDHUF	1:30:00 PM	280.8	281.29			N/A
2/13/2019	USDHUF	3:30:00 PM	281.47	281.7			N/A
2/14/2019	USDHUF	9:30:00 AM	282.01	282.46			N/A
2/14/2019	USDHUF	11:30:00 AM					N/A
2/14/2019	USDHUF	1:30:00 PM	282.52	282.95			N/A
2/14/2019	USDHUF	3:30:00 PM	282.71	282.88			N/A
2/15/2019	USDHUF	9:30:00 AM					N/A
2/15/2019	USDHUF	11:30:00 AM					N/A
2/15/2019	USDHUF	1:30:00 PM					N/A
2/15/2019	USDHUF	3:30:00 PM					N/A
2/18/2019	USDHUF	9:30:00 AM	280.79	281.23			N/A
2/18/2019	USDHUF	11:30:00 AM					N/A
2/18/2019	USDHUF	1:30:00 PM	280.5	280.97			N/A
2/18/2019	USDHUF	3:30:00 PM	280.62	281.06			N/A
2/19/2019	USDHUF	9:30:00 AM	281.04	281.5			N/A
2/19/2019	USDHUF	11:30:00 AM	281.4	281.78			N/A
2/19/2019	USDHUF	1:30:00 PM	282.02	282.4			N/A
2/19/2019	USDHUF	3:30:00 PM	281.64	282.05			N/A
2/20/2019	USDHUF	9:30:00 AM	279.85	280.27			N/A
2/20/2019	USDHUF	11:30:00 AM					N/A
2/20/2019	USDHUF	1:30:00 PM	279.94	280.38			N/A
2/20/2019	USDHUF	3:30:00 PM	279.74	280.18			N/A
2/21/2019	USDHUF	9:30:00 AM	279.4	279.79			N/A
2/21/2019	USDHUF	11:30:00 AM	279.81	280.22			N/A
2/21/2019	USDHUF	1:30:00 PM	279.51	279.96			N/A
2/21/2019	USDHUF	3:30:00 PM	279.4	279.53			N/A
2/22/2019	USDHUF	9:30:00 AM	279.49	279.85			N/A
2/22/2019	USDHUF	11:30:00 AM					N/A
2/22/2019	USDHUF	1:30:00 PM	280.09	280.53			N/A
2/22/2019	USDHUF	3:30:00 PM	280.28	280.74			N/A
2/25/2019	USDHUF	9:30:00 AM	279.3	279.74			N/A
2/25/2019	USDHUF	11:30:00 AM	279.86	280.31			N/A
2/25/2019	USDHUF	1:30:00 PM	279.37	279.81			N/A
2/25/2019	USDHUF	3:30:00 PM	279.6	280.03			N/A
2/26/2019	USDHUF	9:30:00 AM	279.66	280.09			N/A
2/26/2019	USDHUF	11:30:00 AM					N/A
2/26/2019	USDHUF	1:30:00 PM	278.96	279.42			N/A

2/26/2019	USDHUF	3:30:00 PM	278.92	279.23			N/A
2/27/2019	USDHUF	9:30:00 AM	278.15	278.6			N/A
2/27/2019	USDHUF	11:30:00 AM	277.53	277.96			N/A
2/27/2019	USDHUF	1:30:00 PM	277.46	277.88			N/A
2/27/2019	USDHUF	3:30:00 PM	277.7	278.12			N/A
2/28/2019	USDHUF	9:30:00 AM	277.86	278.27			N/A
2/28/2019	USDHUF	11:30:00 AM					N/A
2/28/2019	USDHUF	1:30:00 PM	276.66	277.07			N/A
2/28/2019	USDHUF	3:30:00 PM	277.16	277.28			N/A
3/1/2019	USDHUF	9:30:00 AM	277.84	278.3			N/A
3/1/2019	USDHUF	11:30:00 AM	277.82	278.27			N/A
3/1/2019	USDHUF	1:30:00 PM	277.38	277.85			N/A
3/1/2019	USDHUF	3:30:00 PM	277.54	278			N/A
3/4/2019	USDHUF	9:30:00 AM	277.83	278.29			N/A
3/4/2019	USDHUF	11:30:00 AM					N/A
3/4/2019	USDHUF	1:30:00 PM	278.43	278.88			N/A
3/4/2019	USDHUF	3:30:00 PM	278.17	278.6			N/A
3/5/2019	USDHUF	9:30:00 AM	278.9	279.34			N/A
3/5/2019	USDHUF	11:30:00 AM	278.41	278.77			N/A
3/5/2019	USDHUF	1:30:00 PM	278.3	278.77			N/A
3/5/2019	USDHUF	3:30:00 PM	278.47	278.9			N/A
3/6/2019	USDHUF	9:30:00 AM	279.07	279.5			N/A
3/6/2019	USDHUF	11:30:00 AM					N/A
3/6/2019	USDHUF	1:30:00 PM	278.93	279.39			N/A
3/6/2019	USDHUF	3:30:00 PM	279.19	279.32			N/A
3/7/2019	USDHUF	9:30:00 AM	278.97	279.42			N/A
3/7/2019	USDHUF	11:30:00 AM	278.55	279.01			N/A
3/7/2019	USDHUF	1:30:00 PM	278.59	279.05			N/A
3/7/2019	USDHUF	3:30:00 PM	279.64	280.06			N/A
3/8/2019	USDHUF	9:30:00 AM	282.15	282.59			N/A
3/8/2019	USDHUF	11:30:00 AM					N/A
3/8/2019	USDHUF	1:30:00 PM	281.47	281.93			N/A
3/8/2019	USDHUF	3:30:00 PM	281.3	281.2			N/A
3/11/2019	USDHUF	9:30:00 AM	280.51	280.79			N/A
3/11/2019	USDHUF	11:30:00 AM	280.14	280.59			N/A
3/11/2019	USDHUF	1:30:00 PM	280.82	281.26			N/A
3/11/2019	USDHUF	3:30:00 PM	280.42	280.83			N/A
3/12/2019	USDHUF	9:30:00 AM	280.15	280.62			N/A
3/12/2019	USDHUF	11:30:00 AM					N/A
3/12/2019	USDHUF	1:30:00 PM	280.24	280.65			N/A
3/12/2019	USDHUF	3:30:00 PM	279.37	279.76			N/A
3/13/2019	USDHUF	9:30:00 AM	279.08	279.51			N/A
3/13/2019	USDHUF	11:30:00 AM	278.27	278.74			N/A
3/13/2019	USDHUF	1:30:00 PM	278.45	278.9			N/A
3/13/2019	USDHUF	3:30:00 PM	278.22	278.57			N/A
3/14/2019	USDHUF	9:30:00 AM	277.62	278.01			N/A
3/14/2019	USDHUF	11:30:00 AM					N/A
3/14/2019	USDHUF	1:30:00 PM	278.1	278.43			N/A
3/14/2019	USDHUF	3:30:00 PM	277.99	278.44			N/A
3/15/2019	USDHUF	9:30:00 AM	277.51	277.91			N/A

3/15/2019	USDHUF	11:30:00 AM	277.54	278			N/A
3/15/2019	USDHUF	1:30:00 PM	277.44	277.92			N/A
3/15/2019	USDHUF	3:30:00 PM	277.59	277.99			N/A
3/18/2019	USDHUF	9:30:00 AM	277.05	277.45			N/A
3/18/2019	USDHUF	11:30:00 AM					N/A
3/18/2019	USDHUF	1:30:00 PM	276.53	276.99			N/A
3/18/2019	USDHUF	3:30:00 PM	276.89	277.32			N/A
3/19/2019	USDHUF	9:30:00 AM	276.37	276.82			N/A
3/19/2019	USDHUF	11:30:00 AM	276.1	276.56			N/A
3/19/2019	USDHUF	1:30:00 PM	275.79	276.24			N/A
3/19/2019	USDHUF	3:30:00 PM	275.72	276.15			N/A
3/20/2019	USDHUF	9:30:00 AM	275.54	276			N/A
3/20/2019	USDHUF	11:30:00 AM					N/A
3/20/2019	USDHUF	1:30:00 PM	275.42	275.85			N/A
3/20/2019	USDHUF	3:30:00 PM	275.66	276.1			N/A
3/21/2019	USDHUF	9:30:00 AM	274.46	274.93			N/A
3/21/2019	USDHUF	11:30:00 AM	275.65	276.07			N/A
3/21/2019	USDHUF	1:30:00 PM	275.86	276.26			N/A
3/21/2019	USDHUF	3:30:00 PM	275.79	276.19			N/A
3/22/2019	USDHUF	9:30:00 AM	275.93	276.39			N/A
3/22/2019	USDHUF	11:30:00 AM					N/A
3/22/2019	USDHUF	1:30:00 PM	278.98	279.44			N/A
3/22/2019	USDHUF	3:30:00 PM	279.63	280.05			N/A
3/25/2019	USDHUF	9:30:00 AM	279.75	280.18			N/A
3/25/2019	USDHUF	11:30:00 AM	279.49	279.94			N/A
3/25/2019	USDHUF	1:30:00 PM	280.12	280.54			N/A
3/25/2019	USDHUF	3:30:00 PM	279.84	280.29			N/A
3/26/2019	USDHUF	9:30:00 AM	279.18	279.65			N/A
3/26/2019	USDHUF	11:30:00 AM					N/A
3/26/2019	USDHUF	1:30:00 PM	278.92	279.32			N/A
3/26/2019	USDHUF	3:30:00 PM	279.72	280.13			N/A
3/27/2019	USDHUF	9:30:00 AM	283.52	283.94			N/A
3/27/2019	USDHUF	11:30:00 AM	283.28	283.72			N/A
3/27/2019	USDHUF	1:30:00 PM	283.83	284.22			N/A
3/27/2019	USDHUF	3:30:00 PM	283.85	284.24			N/A
3/28/2019	USDHUF	9:30:00 AM	283.87	284.32			N/A
3/28/2019	USDHUF	11:30:00 AM					N/A
3/28/2019	USDHUF	1:30:00 PM	285.13	285.56			N/A
3/28/2019	USDHUF	3:30:00 PM	284.74	285.13			N/A
3/29/2019	USDHUF	9:30:00 AM	284.83	285.11			N/A
3/29/2019	USDHUF	11:30:00 AM	285.45	285.85			N/A
3/29/2019	USDHUF	1:30:00 PM	285.62	286.09			N/A
3/29/2019	USDHUF	3:30:00 PM	285.61	286.06			N/A
1/1/2019	USDJPY	9:30:00 AM					N/A
1/1/2019	USDJPY	11:30:00 AM					N/A
1/1/2019	USDJPY	1:30:00 PM					N/A
1/1/2019	USDJPY	3:30:00 PM					N/A
1/2/2019	USDJPY	9:30:00 AM					N/A
1/2/2019	USDJPY	11:30:00 AM					N/A
1/2/2019	USDJPY	1:30:00 PM					N/A

1/2/2019	USDJPY	3:30:00 PM					N/A
1/3/2019	USDJPY	9:30:00 AM					N/A
1/3/2019	USDJPY	11:30:00 AM					N/A
1/3/2019	USDJPY	1:30:00 PM					N/A
1/3/2019	USDJPY	3:30:00 PM					N/A
1/4/2019	USDJPY	9:30:00 AM				5	N/A
1/4/2019	USDJPY	11:30:00 AM					N/A
1/4/2019	USDJPY	1:30:00 PM					N/A
1/4/2019	USDJPY	3:30:00 PM				1100	N/A
1/7/2019	USDJPY	9:30:00 AM	108.232	108.228			N/A
1/7/2019	USDJPY	11:30:00 AM					N/A
1/7/2019	USDJPY	1:30:00 PM	108.342	108.35			N/A
1/7/2019	USDJPY	3:30:00 PM	108.296	108.301			N/A
1/8/2019	USDJPY	9:30:00 AM	109.016	109.001			N/A
1/8/2019	USDJPY	11:30:00 AM	108.83	108.834			N/A
1/8/2019	USDJPY	1:30:00 PM	108.729	108.717			N/A
1/8/2019	USDJPY	3:30:00 PM	108.779	108.787			N/A
1/9/2019	USDJPY	9:30:00 AM	108.979	108.972			N/A
1/9/2019	USDJPY	11:30:00 AM					N/A
1/9/2019	USDJPY	1:30:00 PM	108.904	108.899			N/A
1/9/2019	USDJPY	3:30:00 PM	108.836	108.841			N/A
1/10/2019	USDJPY	9:30:00 AM	107.909	107.898			N/A
1/10/2019	USDJPY	11:30:00 AM	108.113	108.106	3	3	N/A
1/10/2019	USDJPY	1:30:00 PM	107.997	107.984			N/A
1/10/2019	USDJPY	3:30:00 PM	108.097	108.093			N/A
1/11/2019	USDJPY	9:30:00 AM	108.378	108.38			N/A
1/11/2019	USDJPY	11:30:00 AM					N/A
1/11/2019	USDJPY	1:30:00 PM	108.308	108.31			N/A
1/11/2019	USDJPY	3:30:00 PM	108.34	108.29			N/A
1/14/2019	USDJPY	9:30:00 AM	108.17	108.171			N/A
1/14/2019	USDJPY	11:30:00 AM	108.123	108.135			N/A
1/14/2019	USDJPY	1:30:00 PM	108.024	108.019			N/A
1/14/2019	USDJPY	3:30:00 PM	108.112	108.111			N/A
1/15/2019	USDJPY	9:30:00 AM	108.618	108.612			N/A
1/15/2019	USDJPY	11:30:00 AM					N/A
1/15/2019	USDJPY	1:30:00 PM	108.487	108.496			N/A
1/15/2019	USDJPY	3:30:00 PM	108.555	108.486			N/A
1/16/2019	USDJPY	9:30:00 AM	108.565	108.577			N/A
1/16/2019	USDJPY	11:30:00 AM	108.585	108.588			N/A
1/16/2019	USDJPY	1:30:00 PM	108.789	108.787			N/A
1/16/2019	USDJPY	3:30:00 PM	108.758	108.77			N/A
1/17/2019	USDJPY	9:30:00 AM	108.853	108.855			N/A
1/17/2019	USDJPY	11:30:00 AM					N/A
1/17/2019	USDJPY	1:30:00 PM	108.786	108.793			N/A
1/17/2019	USDJPY	3:30:00 PM	108.837	108.729			N/A
1/18/2019	USDJPY	9:30:00 AM	109.423	109.433			N/A
1/18/2019	USDJPY	11:30:00 AM	109.579	109.575			N/A
1/18/2019	USDJPY	1:30:00 PM	109.437	109.443			N/A
1/18/2019	USDJPY	3:30:00 PM	109.421	109.413			N/A
1/21/2019	USDJPY	9:30:00 AM	109.527	109.539			N/A

1/21/2019	USDJPY	11:30:00 AM					N/A
1/21/2019	USDJPY	1:30:00 PM	109.605	109.612			N/A
1/21/2019	USDJPY	3:30:00 PM	109.676	109.68			N/A
1/22/2019	USDJPY	9:30:00 AM	109.403	109.398			N/A
1/22/2019	USDJPY	11:30:00 AM	109.427	109.44			N/A
1/22/2019	USDJPY	1:30:00 PM	109.409	109.406			N/A
1/22/2019	USDJPY	3:30:00 PM	109.425	109.428			N/A
1/23/2019	USDJPY	9:30:00 AM	109.627	109.633			N/A
1/23/2019	USDJPY	11:30:00 AM					N/A
1/23/2019	USDJPY	1:30:00 PM	109.638	109.634			N/A
1/23/2019	USDJPY	3:30:00 PM	109.728	109.743			N/A
1/24/2019	USDJPY	9:30:00 AM	109.676	109.688			N/A
1/24/2019	USDJPY	11:30:00 AM	109.697	109.704			N/A
1/24/2019	USDJPY	1:30:00 PM	109.744	109.75			N/A
1/24/2019	USDJPY	3:30:00 PM	109.739	109.738			N/A
1/25/2019	USDJPY	9:30:00 AM	109.844	109.817			N/A
1/25/2019	USDJPY	11:30:00 AM					N/A
1/25/2019	USDJPY	1:30:00 PM	109.766	109.774			N/A
1/25/2019	USDJPY	3:30:00 PM	109.917	109.916			N/A
1/28/2019	USDJPY	9:30:00 AM	109.329	109.319			N/A
1/28/2019	USDJPY	11:30:00 AM	109.343	109.355			N/A
1/28/2019	USDJPY	1:30:00 PM	109.421	109.432			N/A
1/28/2019	USDJPY	3:30:00 PM	109.401	109.411			N/A
1/29/2019	USDJPY	9:30:00 AM	109.252	109.251			N/A
1/29/2019	USDJPY	11:30:00 AM					N/A
1/29/2019	USDJPY	1:30:00 PM	109.438	109.443			N/A
1/29/2019	USDJPY	3:30:00 PM	109.485	109.491			N/A
1/30/2019	USDJPY	9:30:00 AM	109.278	109.293			N/A
1/30/2019	USDJPY	11:30:00 AM	109.348	109.365			N/A
1/30/2019	USDJPY	1:30:00 PM	109.401	109.406			N/A
1/30/2019	USDJPY	3:30:00 PM	109.53	109.541			N/A
1/31/2019	USDJPY	9:30:00 AM	108.697	108.698			N/A
1/31/2019	USDJPY	11:30:00 AM					N/A
1/31/2019	USDJPY	1:30:00 PM	108.643	108.648			N/A
1/31/2019	USDJPY	3:30:00 PM	108.597	108.551			N/A
2/1/2019	USDJPY	9:30:00 AM	108.94	108.948			N/A
2/1/2019	USDJPY	11:30:00 AM	108.912	108.925			N/A
2/1/2019	USDJPY	1:30:00 PM	108.877	108.888			N/A
2/1/2019	USDJPY	3:30:00 PM	109.077	108.938			N/A
2/4/2019	USDJPY	9:30:00 AM	109.788	109.771			N/A
2/4/2019	USDJPY	11:30:00 AM					N/A
2/4/2019	USDJPY	1:30:00 PM	109.867	109.877			N/A
2/4/2019	USDJPY	3:30:00 PM	109.941	109.932			N/A
2/5/2019	USDJPY	9:30:00 AM	109.862	109.863			N/A
2/5/2019	USDJPY	11:30:00 AM	109.992	110.001			N/A
2/5/2019	USDJPY	1:30:00 PM	109.963	109.974			N/A
2/5/2019	USDJPY	3:30:00 PM	109.909	109.886			N/A
2/6/2019	USDJPY	9:30:00 AM	109.706	109.69			N/A
2/6/2019	USDJPY	11:30:00 AM					N/A
2/6/2019	USDJPY	1:30:00 PM	109.728	109.742			N/A

2/6/2019	USDJPY	3:30:00 PM	109.812	109.786		1	N/A
2/7/2019	USDJPY	9:30:00 AM	109.931	109.94			N/A
2/7/2019	USDJPY	11:30:00 AM	109.983	109.991			N/A
2/7/2019	USDJPY	1:30:00 PM	109.824	109.824			N/A
2/7/2019	USDJPY	3:30:00 PM	109.728	109.717			N/A
2/8/2019	USDJPY	9:30:00 AM	109.733	109.726			N/A
2/8/2019	USDJPY	11:30:00 AM					N/A
2/8/2019	USDJPY	1:30:00 PM	109.839	109.852			N/A
2/8/2019	USDJPY	3:30:00 PM	109.825	109.795			N/A
2/11/2019	USDJPY	9:30:00 AM	109.954	109.966			N/A
2/11/2019	USDJPY	11:30:00 AM	110.224	110.213			N/A
2/11/2019	USDJPY	1:30:00 PM	110.154	110.161			N/A
2/11/2019	USDJPY	3:30:00 PM	110.273	110.268			N/A
2/12/2019	USDJPY	9:30:00 AM	110.556	110.548			N/A
2/12/2019	USDJPY	11:30:00 AM					N/A
2/12/2019	USDJPY	1:30:00 PM	110.528	110.533			N/A
2/12/2019	USDJPY	3:30:00 PM	110.417	110.419			N/A
2/13/2019	USDJPY	9:30:00 AM	110.652	110.66			N/A
2/13/2019	USDJPY	11:30:00 AM	110.718	110.731			N/A
2/13/2019	USDJPY	1:30:00 PM	110.67	110.681			N/A
2/13/2019	USDJPY	3:30:00 PM	110.776	110.708			N/A
2/14/2019	USDJPY	9:30:00 AM	111.083	111.084			N/A
2/14/2019	USDJPY	11:30:00 AM					N/A
2/14/2019	USDJPY	1:30:00 PM	111.052	111.064			N/A
2/14/2019	USDJPY	3:30:00 PM	110.936	110.874	50000	100	N/A
2/15/2019	USDJPY	9:30:00 AM					N/A
2/15/2019	USDJPY	11:30:00 AM					N/A
2/15/2019	USDJPY	1:30:00 PM					N/A
2/15/2019	USDJPY	3:30:00 PM					N/A
2/18/2019	USDJPY	9:30:00 AM	110.554	110.571			N/A
2/18/2019	USDJPY	11:30:00 AM					N/A
2/18/2019	USDJPY	1:30:00 PM	110.528	110.538			N/A
2/18/2019	USDJPY	3:30:00 PM	110.568	110.575			N/A
2/19/2019	USDJPY	9:30:00 AM	110.694	110.705			N/A
2/19/2019	USDJPY	11:30:00 AM	110.74	110.749			N/A
2/19/2019	USDJPY	1:30:00 PM	110.756	110.766			N/A
2/19/2019	USDJPY	3:30:00 PM	110.732	110.744			N/A
2/20/2019	USDJPY	9:30:00 AM	110.883	110.888			N/A
2/20/2019	USDJPY	11:30:00 AM					N/A
2/20/2019	USDJPY	1:30:00 PM	110.825	110.833			N/A
2/20/2019	USDJPY	3:30:00 PM	110.747	110.747			N/A
2/21/2019	USDJPY	9:30:00 AM	110.788	110.778			N/A
2/21/2019	USDJPY	11:30:00 AM	110.695	110.7			N/A
2/21/2019	USDJPY	1:30:00 PM	110.752	110.764			N/A
2/21/2019	USDJPY	3:30:00 PM	110.718	110.583			N/A
2/22/2019	USDJPY	9:30:00 AM	110.721	110.734			N/A
2/22/2019	USDJPY	11:30:00 AM					N/A
2/22/2019	USDJPY	1:30:00 PM	110.856	110.867			N/A
2/22/2019	USDJPY	3:30:00 PM	110.777	110.783			N/A
2/25/2019	USDJPY	9:30:00 AM	110.675	110.672			N/A

2/25/2019	USDJPY	11:30:00 AM	110.692	110.701			N/A
2/25/2019	USDJPY	1:30:00 PM	110.746	110.755			N/A
2/25/2019	USDJPY	3:30:00 PM	110.797	110.793			N/A
2/26/2019	USDJPY	9:30:00 AM	110.78	110.786			N/A
2/26/2019	USDJPY	11:30:00 AM					N/A
2/26/2019	USDJPY	1:30:00 PM	110.835	110.848			N/A
2/26/2019	USDJPY	3:30:00 PM	110.836	110.787			N/A
2/27/2019	USDJPY	9:30:00 AM	110.382	110.386			N/A
2/27/2019	USDJPY	11:30:00 AM	110.419	110.435			N/A
2/27/2019	USDJPY	1:30:00 PM	110.454	110.463			N/A
2/27/2019	USDJPY	3:30:00 PM	110.629	110.628			N/A
2/28/2019	USDJPY	9:30:00 AM	110.771	110.775			N/A
2/28/2019	USDJPY	11:30:00 AM					N/A
2/28/2019	USDJPY	1:30:00 PM	110.745	110.759			N/A
2/28/2019	USDJPY	3:30:00 PM	110.982	110.808	100	100	N/A
3/1/2019	USDJPY	9:30:00 AM	111.802	111.816			N/A
3/1/2019	USDJPY	11:30:00 AM	111.971	111.984			N/A
3/1/2019	USDJPY	1:30:00 PM	111.85	111.865			N/A
3/1/2019	USDJPY	3:30:00 PM	111.886	111.865			N/A
3/4/2019	USDJPY	9:30:00 AM	111.957	111.956			N/A
3/4/2019	USDJPY	11:30:00 AM					N/A
3/4/2019	USDJPY	1:30:00 PM	111.83	111.844			N/A
3/4/2019	USDJPY	3:30:00 PM	111.878	111.88			N/A
3/5/2019	USDJPY	9:30:00 AM	111.912	111.922			N/A
3/5/2019	USDJPY	11:30:00 AM	111.977	111.986			N/A
3/5/2019	USDJPY	1:30:00 PM	111.927	111.944			N/A
3/5/2019	USDJPY	3:30:00 PM	111.906	111.906			N/A
3/6/2019	USDJPY	9:30:00 AM	111.781	111.79			N/A
3/6/2019	USDJPY	11:30:00 AM					N/A
3/6/2019	USDJPY	1:30:00 PM	111.857	111.87			N/A
3/6/2019	USDJPY	3:30:00 PM	111.812	111.792			N/A
3/7/2019	USDJPY	9:30:00 AM	111.712	111.719			N/A
3/7/2019	USDJPY	11:30:00 AM	111.715	111.728			N/A
3/7/2019	USDJPY	1:30:00 PM	111.683	111.694			N/A
3/7/2019	USDJPY	3:30:00 PM	111.796	111.773			N/A
3/8/2019	USDJPY	9:30:00 AM	110.997	110.996			N/A
3/8/2019	USDJPY	11:30:00 AM					N/A
3/8/2019	USDJPY	1:30:00 PM	111.168	111.174			N/A
3/8/2019	USDJPY	3:30:00 PM	111.128	110.8	2000	1000	N/A
3/11/2019	USDJPY	9:30:00 AM	111.203	111.212			N/A
3/11/2019	USDJPY	11:30:00 AM	111.183	111.193			N/A
3/11/2019	USDJPY	1:30:00 PM	111.204	111.213			N/A
3/11/2019	USDJPY	3:30:00 PM	111.042	111.046			N/A
3/12/2019	USDJPY	9:30:00 AM	111.34	111.343			N/A
3/12/2019	USDJPY	11:30:00 AM					N/A
3/12/2019	USDJPY	1:30:00 PM	111.199	111.189			N/A
3/12/2019	USDJPY	3:30:00 PM	111.147	111.135			N/A
3/13/2019	USDJPY	9:30:00 AM	111.305	111.318			N/A
3/13/2019	USDJPY	11:30:00 AM	111.314	111.331			N/A
3/13/2019	USDJPY	1:30:00 PM	111.353	111.358			N/A

3/13/2019	USDJPY	3:30:00 PM	111.347	111.35			N/A
3/14/2019	USDJPY	9:30:00 AM	111.562	111.56			N/A
3/14/2019	USDJPY	11:30:00 AM					N/A
3/14/2019	USDJPY	1:30:00 PM	111.612	111.609			N/A
3/14/2019	USDJPY	3:30:00 PM	111.606	111.597			N/A
3/15/2019	USDJPY	9:30:00 AM	111.663	111.673			N/A
3/15/2019	USDJPY	11:30:00 AM	111.672	111.685			N/A
3/15/2019	USDJPY	1:30:00 PM	111.715	111.725			N/A
3/15/2019	USDJPY	3:30:00 PM	111.547	111.515			N/A
3/18/2019	USDJPY	9:30:00 AM	111.547	111.549			N/A
3/18/2019	USDJPY	11:30:00 AM					N/A
3/18/2019	USDJPY	1:30:00 PM	111.471	111.48			N/A
3/18/2019	USDJPY	3:30:00 PM	111.527	111.534			N/A
3/19/2019	USDJPY	9:30:00 AM	111.256	111.26			N/A
3/19/2019	USDJPY	11:30:00 AM	111.298	111.313			N/A
3/19/2019	USDJPY	1:30:00 PM	111.283	111.293			N/A
3/19/2019	USDJPY	3:30:00 PM	111.452	111.442			N/A
3/20/2019	USDJPY	9:30:00 AM	111.594	111.595			N/A
3/20/2019	USDJPY	11:30:00 AM					N/A
3/20/2019	USDJPY	1:30:00 PM	111.515	111.522			N/A
3/20/2019	USDJPY	3:30:00 PM	111.45	111.445			N/A
3/21/2019	USDJPY	9:30:00 AM	110.411	110.41			N/A
3/21/2019	USDJPY	11:30:00 AM	110.397	110.405			N/A
3/21/2019	USDJPY	1:30:00 PM	110.532	110.539			N/A
3/21/2019	USDJPY	3:30:00 PM	110.588	110.566			N/A
3/22/2019	USDJPY	9:30:00 AM	110.76	110.76			N/A
3/22/2019	USDJPY	11:30:00 AM					N/A
3/22/2019	USDJPY	1:30:00 PM	110.393	110.403			N/A
3/22/2019	USDJPY	3:30:00 PM	110.253	110.232			N/A
3/25/2019	USDJPY	9:30:00 AM	110.035	110.025			N/A
3/25/2019	USDJPY	11:30:00 AM	110.194	110.195			N/A
3/25/2019	USDJPY	1:30:00 PM	110.134	110.136			N/A
3/25/2019	USDJPY	3:30:00 PM	110.062	110.03			N/A
3/26/2019	USDJPY	9:30:00 AM	110.127	110.128			N/A
3/26/2019	USDJPY	11:30:00 AM					N/A
3/26/2019	USDJPY	1:30:00 PM	110.38	110.388			N/A
3/26/2019	USDJPY	3:30:00 PM	110.498	110.481			N/A
3/27/2019	USDJPY	9:30:00 AM	110.567	110.575			N/A
3/27/2019	USDJPY	11:30:00 AM	110.597	110.608			N/A
3/27/2019	USDJPY	1:30:00 PM	110.311	110.319			N/A
3/27/2019	USDJPY	3:30:00 PM	110.497	110.493			N/A
3/28/2019	USDJPY	9:30:00 AM	110.167	110.174			N/A
3/28/2019	USDJPY	11:30:00 AM					N/A
3/28/2019	USDJPY	1:30:00 PM	110.286	110.289			N/A
3/28/2019	USDJPY	3:30:00 PM	110.678	110.667			N/A
3/29/2019	USDJPY	9:30:00 AM	110.582	110.591			N/A
3/29/2019	USDJPY	11:30:00 AM	110.777	110.771			N/A
3/29/2019	USDJPY	1:30:00 PM	110.789	110.795			N/A
3/29/2019	USDJPY	3:30:00 PM	110.834	110.824			N/A
1/1/2019	USDMXN	9:30:00 AM					N/A

1/1/2019	USDMXN	11:30:00 AM					N/A
1/1/2019	USDMXN	1:30:00 PM					N/A
1/1/2019	USDMXN	3:30:00 PM					N/A
1/2/2019	USDMXN	9:30:00 AM					N/A
1/2/2019	USDMXN	11:30:00 AM					N/A
1/2/2019	USDMXN	1:30:00 PM					N/A
1/2/2019	USDMXN	3:30:00 PM					N/A
1/3/2019	USDMXN	9:30:00 AM					N/A
1/3/2019	USDMXN	11:30:00 AM					N/A
1/3/2019	USDMXN	1:30:00 PM					N/A
1/3/2019	USDMXN	3:30:00 PM					N/A
1/4/2019	USDMXN	9:30:00 AM					N/A
1/4/2019	USDMXN	11:30:00 AM					N/A
1/4/2019	USDMXN	1:30:00 PM					N/A
1/4/2019	USDMXN	3:30:00 PM					N/A
1/7/2019	USDMXN	9:30:00 AM	19.421	19.419			N/A
1/7/2019	USDMXN	11:30:00 AM					N/A
1/7/2019	USDMXN	1:30:00 PM	19.455	19.456			N/A
1/7/2019	USDMXN	3:30:00 PM	19.324	19.327			N/A
1/8/2019	USDMXN	9:30:00 AM	19.424	19.425			N/A
1/8/2019	USDMXN	11:30:00 AM	19.327	19.332			N/A
1/8/2019	USDMXN	1:30:00 PM	19.4	19.405			N/A
1/8/2019	USDMXN	3:30:00 PM	19.365	19.365			N/A
1/9/2019	USDMXN	9:30:00 AM	19.303	19.309			N/A
1/9/2019	USDMXN	11:30:00 AM					N/A
1/9/2019	USDMXN	1:30:00 PM	19.374	19.378			N/A
1/9/2019	USDMXN	3:30:00 PM	19.298	19.3			N/A
1/10/2019	USDMXN	9:30:00 AM	19.241	19.242			N/A
1/10/2019	USDMXN	11:30:00 AM	19.261	19.266			N/A
1/10/2019	USDMXN	1:30:00 PM	19.229	19.234			N/A
1/10/2019	USDMXN	3:30:00 PM	19.169	19.171			N/A
1/11/2019	USDMXN	9:30:00 AM	19.092	19.101			N/A
1/11/2019	USDMXN	11:30:00 AM					N/A
1/11/2019	USDMXN	1:30:00 PM	19.088	19.092			N/A
1/11/2019	USDMXN	3:30:00 PM	19.125	19.115			N/A
1/14/2019	USDMXN	9:30:00 AM	19.186	19.192			N/A
1/14/2019	USDMXN	11:30:00 AM	19.154	19.156			N/A
1/14/2019	USDMXN	1:30:00 PM	19.169	19.172			N/A
1/14/2019	USDMXN	3:30:00 PM	19.142	19.149			N/A
1/15/2019	USDMXN	9:30:00 AM	18.968	18.972			N/A
1/15/2019	USDMXN	11:30:00 AM					N/A
1/15/2019	USDMXN	1:30:00 PM	18.979	18.98			N/A
1/15/2019	USDMXN	3:30:00 PM	19.01	19			N/A
1/16/2019	USDMXN	9:30:00 AM	18.965	18.967			N/A
1/16/2019	USDMXN	11:30:00 AM	19.006	19.012			N/A
1/16/2019	USDMXN	1:30:00 PM	19.013	19.016			N/A
1/16/2019	USDMXN	3:30:00 PM	19.003	19.006			N/A
1/17/2019	USDMXN	9:30:00 AM	18.945	18.95			N/A
1/17/2019	USDMXN	11:30:00 AM					N/A
1/17/2019	USDMXN	1:30:00 PM	18.929	18.931			N/A

1/17/2019	USDMXN	3:30:00 PM	19.015	19.018			N/A
1/18/2019	USDMXN	9:30:00 AM	18.993	18.995			N/A
1/18/2019	USDMXN	11:30:00 AM	19.07	19.072			N/A
1/18/2019	USDMXN	1:30:00 PM	19.076	19.073			N/A
1/18/2019	USDMXN	3:30:00 PM	19.014	19.018			N/A
1/21/2019	USDMXN	9:30:00 AM	19.134	19.142			N/A
1/21/2019	USDMXN	11:30:00 AM					N/A
1/21/2019	USDMXN	1:30:00 PM	19.156	19.159			N/A
1/21/2019	USDMXN	3:30:00 PM	19.159	19.162			N/A
1/22/2019	USDMXN	9:30:00 AM	19.228	19.224			N/A
1/22/2019	USDMXN	11:30:00 AM	19.227	19.231			N/A
1/22/2019	USDMXN	1:30:00 PM	19.223	19.228			N/A
1/22/2019	USDMXN	3:30:00 PM	19.162	19.165			N/A
1/23/2019	USDMXN	9:30:00 AM	19.138	19.145			N/A
1/23/2019	USDMXN	11:30:00 AM					N/A
1/23/2019	USDMXN	1:30:00 PM	19.105	19.112			N/A
1/23/2019	USDMXN	3:30:00 PM	19.133	19.139			N/A
1/24/2019	USDMXN	9:30:00 AM	19.069	19.076			N/A
1/24/2019	USDMXN	11:30:00 AM	19.07	19.074			N/A
1/24/2019	USDMXN	1:30:00 PM	19.045	19.051			N/A
1/24/2019	USDMXN	3:30:00 PM	19.058	19.063			N/A
1/25/2019	USDMXN	9:30:00 AM	18.979	18.984			N/A
1/25/2019	USDMXN	11:30:00 AM					N/A
1/25/2019	USDMXN	1:30:00 PM	18.963	18.968			N/A
1/25/2019	USDMXN	3:30:00 PM	18.917	18.923			N/A
1/28/2019	USDMXN	9:30:00 AM	19.007	19.005			N/A
1/28/2019	USDMXN	11:30:00 AM	19.045	19.049			N/A
1/28/2019	USDMXN	1:30:00 PM	19.034	19.036			N/A
1/28/2019	USDMXN	3:30:00 PM	19.028	19.03			N/A
1/29/2019	USDMXN	9:30:00 AM	19.026	19.035			N/A
1/29/2019	USDMXN	11:30:00 AM					N/A
1/29/2019	USDMXN	1:30:00 PM	19.026	19.026			N/A
1/29/2019	USDMXN	3:30:00 PM	18.997	18.997			N/A
1/30/2019	USDMXN	9:30:00 AM	19.112	19.116			N/A
1/30/2019	USDMXN	11:30:00 AM	19.082	19.08			N/A
1/30/2019	USDMXN	1:30:00 PM	19.125	19.132			N/A
1/30/2019	USDMXN	3:30:00 PM	19.127	19.131			N/A
1/31/2019	USDMXN	9:30:00 AM	19.1	19.1			N/A
1/31/2019	USDMXN	11:30:00 AM					N/A
1/31/2019	USDMXN	1:30:00 PM	19.143	19.145			N/A
1/31/2019	USDMXN	3:30:00 PM	19.03	19.026			N/A
2/1/2019	USDMXN	9:30:00 AM	19.181	19.186			N/A
2/1/2019	USDMXN	11:30:00 AM	19.111	19.114			N/A
2/1/2019	USDMXN	1:30:00 PM	19.105	19.105			N/A
2/1/2019	USDMXN	3:30:00 PM	19.143	19.109			N/A
2/4/2019	USDMXN	9:30:00 AM	19.123	19.127			N/A
2/4/2019	USDMXN	11:30:00 AM					N/A
2/4/2019	USDMXN	1:30:00 PM	19.148	19.153			N/A
2/4/2019	USDMXN	3:30:00 PM	19.169	19.173			N/A
2/5/2019	USDMXN	9:30:00 AM	19.055	19.058			N/A

2/5/2019	USDMXN	11:30:00 AM	19.039	19.04			N/A
2/5/2019	USDMXN	1:30:00 PM	19.048	19.055			N/A
2/5/2019	USDMXN	3:30:00 PM	19.045	19.047			N/A
2/6/2019	USDMXN	9:30:00 AM	19.091	19.091			N/A
2/6/2019	USDMXN	11:30:00 AM					N/A
2/6/2019	USDMXN	1:30:00 PM	19.102	19.11			N/A
2/6/2019	USDMXN	3:30:00 PM	19.141	19.145			N/A
2/7/2019	USDMXN	9:30:00 AM	19.132	19.14			N/A
2/7/2019	USDMXN	11:30:00 AM	19.137	19.142			N/A
2/7/2019	USDMXN	1:30:00 PM	19.173	19.177			N/A
2/7/2019	USDMXN	3:30:00 PM	19.144	19.147			N/A
2/8/2019	USDMXN	9:30:00 AM	19.102	19.11			N/A
2/8/2019	USDMXN	11:30:00 AM					N/A
2/8/2019	USDMXN	1:30:00 PM	19.068	19.076			N/A
2/8/2019	USDMXN	3:30:00 PM	19.055	19.047			N/A
2/11/2019	USDMXN	9:30:00 AM	19.092	19.101			N/A
2/11/2019	USDMXN	11:30:00 AM	19.126	19.133			N/A
2/11/2019	USDMXN	1:30:00 PM	19.108	19.115			N/A
2/11/2019	USDMXN	3:30:00 PM	19.096	19.098			N/A
2/12/2019	USDMXN	9:30:00 AM	19.28	19.283			N/A
2/12/2019	USDMXN	11:30:00 AM					N/A
2/12/2019	USDMXN	1:30:00 PM	19.257	19.263			N/A
2/12/2019	USDMXN	3:30:00 PM	19.232	19.234			N/A
2/13/2019	USDMXN	9:30:00 AM	19.227	19.233			N/A
2/13/2019	USDMXN	11:30:00 AM	19.256	19.264			N/A
2/13/2019	USDMXN	1:30:00 PM	19.309	19.313			N/A
2/13/2019	USDMXN	3:30:00 PM	19.371	19.359			N/A
2/14/2019	USDMXN	9:30:00 AM	19.373	19.376			N/A
2/14/2019	USDMXN	11:30:00 AM					N/A
2/14/2019	USDMXN	1:30:00 PM	19.423	19.428			N/A
2/14/2019	USDMXN	3:30:00 PM	19.399	19.372			N/A
2/15/2019	USDMXN	9:30:00 AM					N/A
2/15/2019	USDMXN	11:30:00 AM					N/A
2/15/2019	USDMXN	1:30:00 PM					N/A
2/15/2019	USDMXN	3:30:00 PM					N/A
2/18/2019	USDMXN	9:30:00 AM	19.238	19.241			N/A
2/18/2019	USDMXN	11:30:00 AM					N/A
2/18/2019	USDMXN	1:30:00 PM	19.218	19.221			N/A
2/18/2019	USDMXN	3:30:00 PM	19.273	19.276			N/A
2/19/2019	USDMXN	9:30:00 AM	19.262	19.268			N/A
2/19/2019	USDMXN	11:30:00 AM	19.291	19.293			N/A
2/19/2019	USDMXN	1:30:00 PM	19.261	19.262			N/A
2/19/2019	USDMXN	3:30:00 PM	19.203	19.209			N/A
2/20/2019	USDMXN	9:30:00 AM	19.151	19.153			N/A
2/20/2019	USDMXN	11:30:00 AM					N/A
2/20/2019	USDMXN	1:30:00 PM	19.181	19.185			N/A
2/20/2019	USDMXN	3:30:00 PM	19.172	19.17			N/A
2/21/2019	USDMXN	9:30:00 AM	19.262	19.258			N/A
2/21/2019	USDMXN	11:30:00 AM	19.238	19.24			N/A
2/21/2019	USDMXN	1:30:00 PM	19.198	19.203			N/A

2/21/2019	USDMXN	3:30:00 PM	19.226	19.227			N/A
2/22/2019	USDMXN	9:30:00 AM	19.256	19.261			N/A
2/22/2019	USDMXN	11:30:00 AM					N/A
2/22/2019	USDMXN	1:30:00 PM	19.245	19.253			N/A
2/22/2019	USDMXN	3:30:00 PM	19.203	19.21			N/A
2/25/2019	USDMXN	9:30:00 AM	19.11	19.117			N/A
2/25/2019	USDMXN	11:30:00 AM	19.102	19.109			N/A
2/25/2019	USDMXN	1:30:00 PM	19.05	19.057			N/A
2/25/2019	USDMXN	3:30:00 PM	19.082	19.085			N/A
2/26/2019	USDMXN	9:30:00 AM	19.165	19.17			N/A
2/26/2019	USDMXN	11:30:00 AM					N/A
2/26/2019	USDMXN	1:30:00 PM	19.123	19.131			N/A
2/26/2019	USDMXN	3:30:00 PM	19.114	19.115			N/A
2/27/2019	USDMXN	9:30:00 AM	19.187	19.193			N/A
2/27/2019	USDMXN	11:30:00 AM	19.162	19.168			N/A
2/27/2019	USDMXN	1:30:00 PM	19.173	19.179			N/A
2/27/2019	USDMXN	3:30:00 PM	19.153	19.159			N/A
2/28/2019	USDMXN	9:30:00 AM	19.186	19.191			N/A
2/28/2019	USDMXN	11:30:00 AM					N/A
2/28/2019	USDMXN	1:30:00 PM	19.167	19.172			N/A
2/28/2019	USDMXN	3:30:00 PM	19.196	19.187			N/A
3/1/2019	USDMXN	9:30:00 AM	19.281	19.29			N/A
3/1/2019	USDMXN	11:30:00 AM	19.28	19.287			N/A
3/1/2019	USDMXN	1:30:00 PM	19.257	19.261			N/A
3/1/2019	USDMXN	3:30:00 PM	19.321	19.327			N/A
3/4/2019	USDMXN	9:30:00 AM	19.291	19.3			N/A
3/4/2019	USDMXN	11:30:00 AM					N/A
3/4/2019	USDMXN	1:30:00 PM	19.357	19.364			N/A
3/4/2019	USDMXN	3:30:00 PM	19.332	19.336			N/A
3/5/2019	USDMXN	9:30:00 AM	19.3	19.307			N/A
3/5/2019	USDMXN	11:30:00 AM	19.294	19.296			N/A
3/5/2019	USDMXN	1:30:00 PM	19.258	19.263			N/A
3/5/2019	USDMXN	3:30:00 PM	19.288	19.288			N/A
3/6/2019	USDMXN	9:30:00 AM	19.277	19.281			N/A
3/6/2019	USDMXN	11:30:00 AM					N/A
3/6/2019	USDMXN	1:30:00 PM	19.263	19.27			N/A
3/6/2019	USDMXN	3:30:00 PM	19.295	19.297			N/A
3/7/2019	USDMXN	9:30:00 AM	19.347	19.353			N/A
3/7/2019	USDMXN	11:30:00 AM	19.367	19.372			N/A
3/7/2019	USDMXN	1:30:00 PM	19.392	19.399			N/A
3/7/2019	USDMXN	3:30:00 PM	19.377	19.376			N/A
3/8/2019	USDMXN	9:30:00 AM	19.589	19.59			N/A
3/8/2019	USDMXN	11:30:00 AM					N/A
3/8/2019	USDMXN	1:30:00 PM	19.55	19.556			N/A
3/8/2019	USDMXN	3:30:00 PM	19.583	19.555			N/A
3/11/2019	USDMXN	9:30:00 AM	19.498	19.501			N/A
3/11/2019	USDMXN	11:30:00 AM	19.486	19.494			N/A
3/11/2019	USDMXN	1:30:00 PM	19.484	19.488			N/A
3/11/2019	USDMXN	3:30:00 PM	19.399	19.396			N/A
3/12/2019	USDMXN	9:30:00 AM	19.369	19.374			N/A

3/12/2019	USDMXN	11:30:00 AM					N/A
3/12/2019	USDMXN	1:30:00 PM	19.401	19.409			N/A
3/12/2019	USDMXN	3:30:00 PM	19.307	19.304			N/A
3/13/2019	USDMXN	9:30:00 AM	19.35	19.356			N/A
3/13/2019	USDMXN	11:30:00 AM	19.316	19.323			N/A
3/13/2019	USDMXN	1:30:00 PM	19.304	19.305			N/A
3/13/2019	USDMXN	3:30:00 PM	19.284	19.287			N/A
3/14/2019	USDMXN	9:30:00 AM	19.309	19.313			N/A
3/14/2019	USDMXN	11:30:00 AM					N/A
3/14/2019	USDMXN	1:30:00 PM	19.306	19.302			N/A
3/14/2019	USDMXN	3:30:00 PM	19.36	19.36			N/A
3/15/2019	USDMXN	9:30:00 AM	19.3	19.305			N/A
3/15/2019	USDMXN	11:30:00 AM	19.277	19.285			N/A
3/15/2019	USDMXN	1:30:00 PM	19.25	19.254			N/A
3/15/2019	USDMXN	3:30:00 PM	19.209	19.207			N/A
3/18/2019	USDMXN	9:30:00 AM	19.192	19.198			N/A
3/18/2019	USDMXN	11:30:00 AM					N/A
3/18/2019	USDMXN	1:30:00 PM	19.163	19.166			N/A
3/18/2019	USDMXN	3:30:00 PM	19.155	19.157			N/A
3/19/2019	USDMXN	9:30:00 AM	19.074	19.08			N/A
3/19/2019	USDMXN	11:30:00 AM	19.041	19.048			N/A
3/19/2019	USDMXN	1:30:00 PM	19.027	19.035			N/A
3/19/2019	USDMXN	3:30:00 PM	19.015	19.019			N/A
3/20/2019	USDMXN	9:30:00 AM	19.006	19.008			N/A
3/20/2019	USDMXN	11:30:00 AM					N/A
3/20/2019	USDMXN	1:30:00 PM	18.99	18.996			N/A
3/20/2019	USDMXN	3:30:00 PM	18.932	18.936			N/A
3/21/2019	USDMXN	9:30:00 AM	18.781	18.79			N/A
3/21/2019	USDMXN	11:30:00 AM	18.799	18.805			N/A
3/21/2019	USDMXN	1:30:00 PM	18.811	18.815			N/A
3/21/2019	USDMXN	3:30:00 PM	18.808	18.808			N/A
3/22/2019	USDMXN	9:30:00 AM	18.843	18.851			N/A
3/22/2019	USDMXN	11:30:00 AM					N/A
3/22/2019	USDMXN	1:30:00 PM	18.986	18.987			N/A
3/22/2019	USDMXN	3:30:00 PM	18.978	18.981			N/A
3/25/2019	USDMXN	9:30:00 AM	19.14	19.14			N/A
3/25/2019	USDMXN	11:30:00 AM	19.092	19.097			N/A
3/25/2019	USDMXN	1:30:00 PM	19.124	19.123			N/A
3/25/2019	USDMXN	3:30:00 PM	19.104	19.105			N/A
3/26/2019	USDMXN	9:30:00 AM	19.026	19.033			N/A
3/26/2019	USDMXN	11:30:00 AM					N/A
3/26/2019	USDMXN	1:30:00 PM	19.004	19.007			N/A
3/26/2019	USDMXN	3:30:00 PM	19.04	19.042			N/A
3/27/2019	USDMXN	9:30:00 AM	19.145	19.149			N/A
3/27/2019	USDMXN	11:30:00 AM	19.161	19.165			N/A
3/27/2019	USDMXN	1:30:00 PM	19.286	19.277			N/A
3/27/2019	USDMXN	3:30:00 PM	19.261	19.26			N/A
3/28/2019	USDMXN	9:30:00 AM	19.364	19.37			N/A
3/28/2019	USDMXN	11:30:00 AM					N/A
3/28/2019	USDMXN	1:30:00 PM	19.437	19.439			N/A

3/28/2019	USDMXN	3:30:00 PM	19.398	19.4			N/A
3/29/2019	USDMXN	9:30:00 AM	19.328	19.334			N/A
3/29/2019	USDMXN	11:30:00 AM	19.318	19.324			N/A
3/29/2019	USDMXN	1:30:00 PM	19.292	19.299			N/A
3/29/2019	USDMXN	3:30:00 PM	19.338	19.344			N/A
1/1/2019	USDNOK	9:30:00 AM					N/A
1/1/2019	USDNOK	11:30:00 AM					N/A
1/1/2019	USDNOK	1:30:00 PM					N/A
1/1/2019	USDNOK	3:30:00 PM					N/A
1/2/2019	USDNOK	9:30:00 AM					N/A
1/2/2019	USDNOK	11:30:00 AM					N/A
1/2/2019	USDNOK	1:30:00 PM					N/A
1/2/2019	USDNOK	3:30:00 PM					N/A
1/3/2019	USDNOK	9:30:00 AM					N/A
1/3/2019	USDNOK	11:30:00 AM					N/A
1/3/2019	USDNOK	1:30:00 PM					N/A
1/3/2019	USDNOK	3:30:00 PM					N/A
1/4/2019	USDNOK	9:30:00 AM					N/A
1/4/2019	USDNOK	11:30:00 AM					N/A
1/4/2019	USDNOK	1:30:00 PM					N/A
1/4/2019	USDNOK	3:30:00 PM					N/A
1/7/2019	USDNOK	9:30:00 AM	8.5916	8.5983			N/A
1/7/2019	USDNOK	11:30:00 AM					N/A
1/7/2019	USDNOK	1:30:00 PM	8.581	8.5868			N/A
1/7/2019	USDNOK	3:30:00 PM	8.5587	8.5664			N/A
1/8/2019	USDNOK	9:30:00 AM	8.5456	8.5509			N/A
1/8/2019	USDNOK	11:30:00 AM	8.5351	8.5412			N/A
1/8/2019	USDNOK	1:30:00 PM	8.5341	8.542			N/A
1/8/2019	USDNOK	3:30:00 PM	8.5382	8.5469			N/A
1/9/2019	USDNOK	9:30:00 AM	8.5263	8.533			N/A
1/9/2019	USDNOK	11:30:00 AM					N/A
1/9/2019	USDNOK	1:30:00 PM	8.5419	8.5434			N/A
1/9/2019	USDNOK	3:30:00 PM	8.5232	8.5311			N/A
1/10/2019	USDNOK	9:30:00 AM	8.4671	8.4737			N/A
1/10/2019	USDNOK	11:30:00 AM	8.4727	8.4798			N/A
1/10/2019	USDNOK	1:30:00 PM	8.4614	8.4682			N/A
1/10/2019	USDNOK	3:30:00 PM	8.4469	8.4541			N/A
1/11/2019	USDNOK	9:30:00 AM	8.4571	8.466			N/A
1/11/2019	USDNOK	11:30:00 AM					N/A
1/11/2019	USDNOK	1:30:00 PM	8.4579	8.4661			N/A
1/11/2019	USDNOK	3:30:00 PM	8.4597	8.4626			N/A
1/14/2019	USDNOK	9:30:00 AM	8.5592	8.5652			N/A
1/14/2019	USDNOK	11:30:00 AM	8.5443	8.5484			N/A
1/14/2019	USDNOK	1:30:00 PM	8.5413	8.5467			N/A
1/14/2019	USDNOK	3:30:00 PM	8.5347	8.5432			N/A
1/15/2019	USDNOK	9:30:00 AM	8.5228	8.5309			N/A
1/15/2019	USDNOK	11:30:00 AM					N/A
1/15/2019	USDNOK	1:30:00 PM	8.5367	8.545			N/A
1/15/2019	USDNOK	3:30:00 PM	8.5392	8.5448			N/A
1/16/2019	USDNOK	9:30:00 AM	8.5339	8.5392			N/A

1/16/2019	USDNOK	11:30:00 AM	8.5238	8.5313			N/A
1/16/2019	USDNOK	1:30:00 PM	8.5388	8.5464		400	N/A
1/16/2019	USDNOK	3:30:00 PM	8.5495	8.5557			N/A
1/17/2019	USDNOK	9:30:00 AM	8.5662	8.5728			N/A
1/17/2019	USDNOK	11:30:00 AM					N/A
1/17/2019	USDNOK	1:30:00 PM	8.5573	8.5656			N/A
1/17/2019	USDNOK	3:30:00 PM	8.5645	8.5641			N/A
1/18/2019	USDNOK	9:30:00 AM	8.5342	8.5423			N/A
1/18/2019	USDNOK	11:30:00 AM	8.5307	8.5383			N/A
1/18/2019	USDNOK	1:30:00 PM	8.5255	8.5325			N/A
1/18/2019	USDNOK	3:30:00 PM	8.5211	8.529			N/A
1/21/2019	USDNOK	9:30:00 AM	8.5464	8.555			N/A
1/21/2019	USDNOK	11:30:00 AM					N/A
1/21/2019	USDNOK	1:30:00 PM	8.5611	8.5686			N/A
1/21/2019	USDNOK	3:30:00 PM	8.5762	8.5839			N/A
1/22/2019	USDNOK	9:30:00 AM	8.5919	8.5987			N/A
1/22/2019	USDNOK	11:30:00 AM	8.5827	8.5904			N/A
1/22/2019	USDNOK	1:30:00 PM	8.5926	8.6004			N/A
1/22/2019	USDNOK	3:30:00 PM	8.5969	8.6033			N/A
1/23/2019	USDNOK	9:30:00 AM	8.5817	8.5892			N/A
1/23/2019	USDNOK	11:30:00 AM					N/A
1/23/2019	USDNOK	1:30:00 PM	8.5895	8.5971			N/A
1/23/2019	USDNOK	3:30:00 PM	8.5803	8.5887			N/A
1/24/2019	USDNOK	9:30:00 AM	8.5693	8.5775			N/A
1/24/2019	USDNOK	11:30:00 AM	8.5653	8.5717			N/A
1/24/2019	USDNOK	1:30:00 PM	8.5685	8.5741			N/A
1/24/2019	USDNOK	3:30:00 PM	8.5815	8.5886			N/A
1/25/2019	USDNOK	9:30:00 AM	8.5592	8.5668			N/A
1/25/2019	USDNOK	11:30:00 AM					N/A
1/25/2019	USDNOK	1:30:00 PM	8.5521	8.5595			N/A
1/25/2019	USDNOK	3:30:00 PM	8.5522	8.5586			N/A
1/28/2019	USDNOK	9:30:00 AM	8.505	8.5129			N/A
1/28/2019	USDNOK	11:30:00 AM	8.5216	8.5278			N/A
1/28/2019	USDNOK	1:30:00 PM	8.5139	8.5223			N/A
1/28/2019	USDNOK	3:30:00 PM	8.5197	8.5283			N/A
1/29/2019	USDNOK	9:30:00 AM	8.4916	8.4982			N/A
1/29/2019	USDNOK	11:30:00 AM					N/A
1/29/2019	USDNOK	1:30:00 PM	8.4922	8.5002			N/A
1/29/2019	USDNOK	3:30:00 PM	8.4937	8.5021			N/A
1/30/2019	USDNOK	9:30:00 AM	8.4894	8.4976			N/A
1/30/2019	USDNOK	11:30:00 AM	8.4983	8.5064			N/A
1/30/2019	USDNOK	1:30:00 PM	8.4888	8.4966			N/A
1/30/2019	USDNOK	3:30:00 PM	8.4835	8.4903			N/A
1/31/2019	USDNOK	9:30:00 AM	8.4019	8.4082			N/A
1/31/2019	USDNOK	11:30:00 AM					N/A
1/31/2019	USDNOK	1:30:00 PM	8.4068	8.4149			N/A
1/31/2019	USDNOK	3:30:00 PM	8.4084	8.4108			N/A
2/1/2019	USDNOK	9:30:00 AM	8.4466	8.4517			N/A
2/1/2019	USDNOK	11:30:00 AM	8.4343	8.4419			N/A
2/1/2019	USDNOK	1:30:00 PM	8.4234	8.4318			N/A

2/1/2019	USDNOK	3:30:00 PM	8.4318	8.4245			N/A
2/4/2019	USDNOK	9:30:00 AM	8.4433	8.4513			N/A
2/4/2019	USDNOK	11:30:00 AM					N/A
2/4/2019	USDNOK	1:30:00 PM	8.4629	8.47			N/A
2/4/2019	USDNOK	3:30:00 PM	8.4725	8.4783			N/A
2/5/2019	USDNOK	9:30:00 AM	8.4613	8.4691			N/A
2/5/2019	USDNOK	11:30:00 AM	8.4662	8.4732			N/A
2/5/2019	USDNOK	1:30:00 PM	8.4673	8.474			N/A
2/5/2019	USDNOK	3:30:00 PM	8.4696	8.4743			N/A
2/6/2019	USDNOK	9:30:00 AM	8.4951	8.5028			N/A
2/6/2019	USDNOK	11:30:00 AM					N/A
2/6/2019	USDNOK	1:30:00 PM	8.5122	8.5204			N/A
2/6/2019	USDNOK	3:30:00 PM	8.5064	8.5145			N/A
2/7/2019	USDNOK	9:30:00 AM	8.5501	8.5581			N/A
2/7/2019	USDNOK	11:30:00 AM	8.566	8.5746			N/A
2/7/2019	USDNOK	1:30:00 PM	8.5813	8.5889			N/A
2/7/2019	USDNOK	3:30:00 PM	8.5761	8.5826			N/A
2/8/2019	USDNOK	9:30:00 AM	8.5956	8.6029			N/A
2/8/2019	USDNOK	11:30:00 AM					N/A
2/8/2019	USDNOK	1:30:00 PM	8.6076	8.6163			N/A
2/8/2019	USDNOK	3:30:00 PM	8.6051	8.6069			N/A
2/11/2019	USDNOK	9:30:00 AM	8.6805	8.6881			N/A
2/11/2019	USDNOK	11:30:00 AM	8.6786	8.6864			N/A
2/11/2019	USDNOK	1:30:00 PM	8.6694	8.6771			N/A
2/11/2019	USDNOK	3:30:00 PM	8.6784	8.6846			N/A
2/12/2019	USDNOK	9:30:00 AM	8.6924	8.6982			N/A
2/12/2019	USDNOK	11:30:00 AM					N/A
2/12/2019	USDNOK	1:30:00 PM	8.6855	8.6925			N/A
2/12/2019	USDNOK	3:30:00 PM	8.672	8.6785			N/A
2/13/2019	USDNOK	9:30:00 AM	8.6237	8.6318			N/A
2/13/2019	USDNOK	11:30:00 AM	8.6232	8.6302			N/A
2/13/2019	USDNOK	1:30:00 PM	8.6289	8.6368			N/A
2/13/2019	USDNOK	3:30:00 PM	8.6359	8.6397			N/A
2/14/2019	USDNOK	9:30:00 AM	8.6277	8.6329			N/A
2/14/2019	USDNOK	11:30:00 AM					N/A
2/14/2019	USDNOK	1:30:00 PM	8.6539	8.6609			N/A
2/14/2019	USDNOK	3:30:00 PM	8.654	8.6579			N/A
2/15/2019	USDNOK	9:30:00 AM					N/A
2/15/2019	USDNOK	11:30:00 AM					N/A
2/15/2019	USDNOK	1:30:00 PM					N/A
2/15/2019	USDNOK	3:30:00 PM					N/A
2/18/2019	USDNOK	9:30:00 AM	8.618	8.6253			N/A
2/18/2019	USDNOK	11:30:00 AM					N/A
2/18/2019	USDNOK	1:30:00 PM	8.6111	8.6185			N/A
2/18/2019	USDNOK	3:30:00 PM	8.6085	8.6172			N/A
2/19/2019	USDNOK	9:30:00 AM	8.61	8.6179			N/A
2/19/2019	USDNOK	11:30:00 AM	8.6247	8.6304			N/A
2/19/2019	USDNOK	1:30:00 PM	8.6291	8.6355			N/A
2/19/2019	USDNOK	3:30:00 PM	8.6234	8.6308			N/A
2/20/2019	USDNOK	9:30:00 AM	8.5747	8.581			N/A

2/20/2019	USDNOK	11:30:00 AM					N/A
2/20/2019	USDNOK	1:30:00 PM	8.5839	8.5922			N/A
2/20/2019	USDNOK	3:30:00 PM	8.5873	8.5943			N/A
2/21/2019	USDNOK	9:30:00 AM	8.607	8.6111			N/A
2/21/2019	USDNOK	11:30:00 AM	8.6322	8.6368			N/A
2/21/2019	USDNOK	1:30:00 PM	8.6149	8.6225			N/A
2/21/2019	USDNOK	3:30:00 PM	8.6149	8.6142			N/A
2/22/2019	USDNOK	9:30:00 AM	8.6101	8.6182			N/A
2/22/2019	USDNOK	11:30:00 AM					N/A
2/22/2019	USDNOK	1:30:00 PM	8.6156	8.6237			N/A
2/22/2019	USDNOK	3:30:00 PM	8.6132	8.6213			N/A
2/25/2019	USDNOK	9:30:00 AM	8.5828	8.5905			N/A
2/25/2019	USDNOK	11:30:00 AM	8.5823	8.5906			N/A
2/25/2019	USDNOK	1:30:00 PM	8.5674	8.5755			N/A
2/25/2019	USDNOK	3:30:00 PM	8.5956	8.6026			N/A
2/26/2019	USDNOK	9:30:00 AM	8.6092	8.6164			N/A
2/26/2019	USDNOK	11:30:00 AM					N/A
2/26/2019	USDNOK	1:30:00 PM	8.6062	8.6144			N/A
2/26/2019	USDNOK	3:30:00 PM	8.5969	8.6014			N/A
2/27/2019	USDNOK	9:30:00 AM	8.5596	8.5672			N/A
2/27/2019	USDNOK	11:30:00 AM	8.5435	8.5504			N/A
2/27/2019	USDNOK	1:30:00 PM	8.5216	8.5298			N/A
2/27/2019	USDNOK	3:30:00 PM	8.5275	8.5359			N/A
2/28/2019	USDNOK	9:30:00 AM	8.5521	8.557			N/A
2/28/2019	USDNOK	11:30:00 AM					N/A
2/28/2019	USDNOK	1:30:00 PM	8.5192	8.5274			N/A
2/28/2019	USDNOK	3:30:00 PM	8.5339	8.5312			N/A
3/1/2019	USDNOK	9:30:00 AM	8.5549	8.5593			N/A
3/1/2019	USDNOK	11:30:00 AM	8.5627	8.5707			N/A
3/1/2019	USDNOK	1:30:00 PM	8.5459	8.5536			N/A
3/1/2019	USDNOK	3:30:00 PM	8.5498	8.5559			N/A
3/4/2019	USDNOK	9:30:00 AM	8.579	8.5871			N/A
3/4/2019	USDNOK	11:30:00 AM					N/A
3/4/2019	USDNOK	1:30:00 PM	8.6044	8.6129			N/A
3/4/2019	USDNOK	3:30:00 PM	8.6042	8.6123			N/A
3/5/2019	USDNOK	9:30:00 AM	8.6714	8.679			N/A
3/5/2019	USDNOK	11:30:00 AM	8.6568	8.6635			N/A
3/5/2019	USDNOK	1:30:00 PM	8.6511	8.6576			N/A
3/5/2019	USDNOK	3:30:00 PM	8.6522	8.6596			N/A
3/6/2019	USDNOK	9:30:00 AM	8.6777	8.6844			N/A
3/6/2019	USDNOK	11:30:00 AM					N/A
3/6/2019	USDNOK	1:30:00 PM	8.6825	8.6908			N/A
3/6/2019	USDNOK	3:30:00 PM	8.6837	8.6828			N/A
3/7/2019	USDNOK	9:30:00 AM	8.6613	8.6698			N/A
3/7/2019	USDNOK	11:30:00 AM	8.6587	8.6671			N/A
3/7/2019	USDNOK	1:30:00 PM	8.663	8.6714			N/A
3/7/2019	USDNOK	3:30:00 PM	8.6894	8.694			N/A
3/8/2019	USDNOK	9:30:00 AM	8.803	8.809			N/A
3/8/2019	USDNOK	11:30:00 AM					N/A
3/8/2019	USDNOK	1:30:00 PM	8.7876	8.7946			N/A

3/8/2019	USDNOK	3:30:00 PM	8.7916	8.7836			N/A
3/11/2019	USDNOK	9:30:00 AM	8.6972	8.703			N/A
3/11/2019	USDNOK	11:30:00 AM	8.6921	8.6987			N/A
3/11/2019	USDNOK	1:30:00 PM	8.6843	8.693			N/A
3/11/2019	USDNOK	3:30:00 PM	8.6766	8.6839			N/A
3/12/2019	USDNOK	9:30:00 AM	8.656	8.6639			N/A
3/12/2019	USDNOK	11:30:00 AM					N/A
3/12/2019	USDNOK	1:30:00 PM	8.657	8.6646			N/A
3/12/2019	USDNOK	3:30:00 PM	8.6342	8.6412			N/A
3/13/2019	USDNOK	9:30:00 AM	8.6331	8.6417			N/A
3/13/2019	USDNOK	11:30:00 AM	8.6083	8.6172			N/A
3/13/2019	USDNOK	1:30:00 PM	8.6087	8.6161			N/A
3/13/2019	USDNOK	3:30:00 PM	8.6011	8.6075			N/A
3/14/2019	USDNOK	9:30:00 AM	8.5656	8.5738			N/A
3/14/2019	USDNOK	11:30:00 AM					N/A
3/14/2019	USDNOK	1:30:00 PM	8.6066	8.6105			N/A
3/14/2019	USDNOK	3:30:00 PM	8.592	8.5999			N/A
3/15/2019	USDNOK	9:30:00 AM	8.5545	8.5618			N/A
3/15/2019	USDNOK	11:30:00 AM	8.5591	8.5672			N/A
3/15/2019	USDNOK	1:30:00 PM	8.5411	8.5494			N/A
3/15/2019	USDNOK	3:30:00 PM	8.5608	8.565			N/A
3/18/2019	USDNOK	9:30:00 AM	8.5145	8.5219			N/A
3/18/2019	USDNOK	11:30:00 AM					N/A
3/18/2019	USDNOK	1:30:00 PM	8.513	8.52			N/A
3/18/2019	USDNOK	3:30:00 PM	8.5246	8.5317			N/A
3/19/2019	USDNOK	9:30:00 AM	8.5501	8.5576			N/A
3/19/2019	USDNOK	11:30:00 AM	8.5435	8.5519			N/A
3/19/2019	USDNOK	1:30:00 PM	8.525	8.5334			N/A
3/19/2019	USDNOK	3:30:00 PM	8.5184	8.5236			N/A
3/20/2019	USDNOK	9:30:00 AM	8.5336	8.5416			N/A
3/20/2019	USDNOK	11:30:00 AM					N/A
3/20/2019	USDNOK	1:30:00 PM	8.5326	8.541			N/A
3/20/2019	USDNOK	3:30:00 PM	8.5285	8.5368			N/A
3/21/2019	USDNOK	9:30:00 AM	8.4797	8.4878			N/A
3/21/2019	USDNOK	11:30:00 AM	8.4221	8.4301			N/A
3/21/2019	USDNOK	1:30:00 PM	8.445	8.4525			N/A
3/21/2019	USDNOK	3:30:00 PM	8.4377	8.4418			N/A
3/22/2019	USDNOK	9:30:00 AM	8.4388	8.4475			N/A
3/22/2019	USDNOK	11:30:00 AM					N/A
3/22/2019	USDNOK	1:30:00 PM	8.5232	8.531			N/A
3/22/2019	USDNOK	3:30:00 PM	8.5255	8.5339			N/A
3/25/2019	USDNOK	9:30:00 AM	8.5481	8.5543			N/A
3/25/2019	USDNOK	11:30:00 AM	8.5219	8.5282			N/A
3/25/2019	USDNOK	1:30:00 PM	8.5353	8.5427			N/A
3/25/2019	USDNOK	3:30:00 PM	8.5374	8.5447			N/A
3/26/2019	USDNOK	9:30:00 AM	8.5321	8.5402			N/A
3/26/2019	USDNOK	11:30:00 AM					N/A
3/26/2019	USDNOK	1:30:00 PM	8.5213	8.5294			N/A
3/26/2019	USDNOK	3:30:00 PM	8.5311	8.5375			N/A
3/27/2019	USDNOK	9:30:00 AM	8.5697	8.5773			N/A

3/27/2019	USDNOK	11:30:00 AM	8.5661	8.5718			N/A
3/27/2019	USDNOK	1:30:00 PM	8.5816	8.5868			N/A
3/27/2019	USDNOK	3:30:00 PM	8.6004	8.6054			N/A
3/28/2019	USDNOK	9:30:00 AM	8.6262	8.6346			N/A
3/28/2019	USDNOK	11:30:00 AM					N/A
3/28/2019	USDNOK	1:30:00 PM	8.6683	8.6735			N/A
3/28/2019	USDNOK	3:30:00 PM	8.6691	8.6743			N/A
3/29/2019	USDNOK	9:30:00 AM	8.6217	8.6294			N/A
3/29/2019	USDNOK	11:30:00 AM	8.636	8.6431			N/A
3/29/2019	USDNOK	1:30:00 PM	8.6192	8.6275			N/A
3/29/2019	USDNOK	3:30:00 PM	8.5993	8.6075			N/A
1/1/2019	USDPLN	9:30:00 AM					N/A
1/1/2019	USDPLN	11:30:00 AM					N/A
1/1/2019	USDPLN	1:30:00 PM					N/A
1/1/2019	USDPLN	3:30:00 PM					N/A
1/2/2019	USDPLN	9:30:00 AM					N/A
1/2/2019	USDPLN	11:30:00 AM					N/A
1/2/2019	USDPLN	1:30:00 PM					N/A
1/2/2019	USDPLN	3:30:00 PM					N/A
1/3/2019	USDPLN	9:30:00 AM					N/A
1/3/2019	USDPLN	11:30:00 AM					N/A
1/3/2019	USDPLN	1:30:00 PM					N/A
1/3/2019	USDPLN	3:30:00 PM					N/A
1/4/2019	USDPLN	9:30:00 AM					N/A
1/4/2019	USDPLN	11:30:00 AM					N/A
1/4/2019	USDPLN	1:30:00 PM					N/A
1/4/2019	USDPLN	3:30:00 PM					N/A
1/7/2019	USDPLN	9:30:00 AM	3.7599	3.7606			N/A
1/7/2019	USDPLN	11:30:00 AM					N/A
1/7/2019	USDPLN	1:30:00 PM	3.7544	3.7557			N/A
1/7/2019	USDPLN	3:30:00 PM	3.7472	3.7486			N/A
1/8/2019	USDPLN	9:30:00 AM	3.7572	3.7571			N/A
1/8/2019	USDPLN	11:30:00 AM	3.7527	3.7529			N/A
1/8/2019	USDPLN	1:30:00 PM	3.7596	3.7609			N/A
1/8/2019	USDPLN	3:30:00 PM	3.7616	3.7632			N/A
1/9/2019	USDPLN	9:30:00 AM	3.7454	3.7468			N/A
1/9/2019	USDPLN	11:30:00 AM					N/A
1/9/2019	USDPLN	1:30:00 PM	3.7568	3.7562			N/A
1/9/2019	USDPLN	3:30:00 PM	3.7519	3.753			N/A
1/10/2019	USDPLN	9:30:00 AM	3.7259	3.7269			N/A
1/10/2019	USDPLN	11:30:00 AM	3.7353	3.7366			N/A
1/10/2019	USDPLN	1:30:00 PM	3.7259	3.7267			N/A
1/10/2019	USDPLN	3:30:00 PM	3.7236	3.7244			N/A
1/11/2019	USDPLN	9:30:00 AM	3.7245	3.7258			N/A
1/11/2019	USDPLN	11:30:00 AM					N/A
1/11/2019	USDPLN	1:30:00 PM	3.7269	3.7281			N/A
1/11/2019	USDPLN	3:30:00 PM	3.7271	3.7261			N/A
1/14/2019	USDPLN	9:30:00 AM	3.746	3.7473			N/A
1/14/2019	USDPLN	11:30:00 AM	3.7437	3.7443			N/A
1/14/2019	USDPLN	1:30:00 PM	3.7454	3.7456			N/A

1/14/2019	USDPLN	3:30:00 PM	3.7431	3.7444			N/A
1/15/2019	USDPLN	9:30:00 AM	3.7357	3.7364			N/A
1/15/2019	USDPLN	11:30:00 AM					N/A
1/15/2019	USDPLN	1:30:00 PM	3.7513	3.7523			N/A
1/15/2019	USDPLN	3:30:00 PM	3.7583	3.7578			N/A
1/16/2019	USDPLN	9:30:00 AM	3.7643	3.7647			N/A
1/16/2019	USDPLN	11:30:00 AM	3.7588	3.7599			N/A
1/16/2019	USDPLN	1:30:00 PM	3.7608	3.7619			N/A
1/16/2019	USDPLN	3:30:00 PM	3.7641	3.7652			N/A
1/17/2019	USDPLN	9:30:00 AM	3.7661	3.7674			N/A
1/17/2019	USDPLN	11:30:00 AM					N/A
1/17/2019	USDPLN	1:30:00 PM	3.7556	3.7567			N/A
1/17/2019	USDPLN	3:30:00 PM	3.7617	3.759			N/A
1/18/2019	USDPLN	9:30:00 AM	3.7626	3.764			N/A
1/18/2019	USDPLN	11:30:00 AM	3.7682	3.7693			N/A
1/18/2019	USDPLN	1:30:00 PM	3.7627	3.7639			N/A
1/18/2019	USDPLN	3:30:00 PM	3.7633	3.7647			N/A
1/21/2019	USDPLN	9:30:00 AM	3.7684	3.7697			N/A
1/21/2019	USDPLN	11:30:00 AM					N/A
1/21/2019	USDPLN	1:30:00 PM	3.775	3.7766			N/A
1/21/2019	USDPLN	3:30:00 PM	3.7746	3.7756			N/A
1/22/2019	USDPLN	9:30:00 AM	3.7774	3.7779			N/A
1/22/2019	USDPLN	11:30:00 AM	3.7715	3.7725			N/A
1/22/2019	USDPLN	1:30:00 PM	3.7706	3.7719			N/A
1/22/2019	USDPLN	3:30:00 PM	3.7718	3.7729			N/A
1/23/2019	USDPLN	9:30:00 AM	3.7721	3.7724			N/A
1/23/2019	USDPLN	11:30:00 AM					N/A
1/23/2019	USDPLN	1:30:00 PM	3.7712	3.7725			N/A
1/23/2019	USDPLN	3:30:00 PM	3.7734	3.7748			N/A
1/24/2019	USDPLN	9:30:00 AM	3.7737	3.7748			N/A
1/24/2019	USDPLN	11:30:00 AM	3.7855	3.7858			N/A
1/24/2019	USDPLN	1:30:00 PM	3.7873	3.7868			N/A
1/24/2019	USDPLN	3:30:00 PM	3.7829	3.7829			N/A
1/25/2019	USDPLN	9:30:00 AM	3.7853	3.7862			N/A
1/25/2019	USDPLN	11:30:00 AM					N/A
1/25/2019	USDPLN	1:30:00 PM	3.7825	3.7835			N/A
1/25/2019	USDPLN	3:30:00 PM	3.7793	3.7802			N/A
1/28/2019	USDPLN	9:30:00 AM	3.7583	3.7593			N/A
1/28/2019	USDPLN	11:30:00 AM	3.7636	3.7646			N/A
1/28/2019	USDPLN	1:30:00 PM	3.7532	3.7541			N/A
1/28/2019	USDPLN	3:30:00 PM	3.756	3.7575			N/A
1/29/2019	USDPLN	9:30:00 AM	3.7513	3.7528			N/A
1/29/2019	USDPLN	11:30:00 AM					N/A
1/29/2019	USDPLN	1:30:00 PM	3.7564	3.7579			N/A
1/29/2019	USDPLN	3:30:00 PM	3.7611	3.7627			N/A
1/30/2019	USDPLN	9:30:00 AM	3.7552	3.7565			N/A
1/30/2019	USDPLN	11:30:00 AM	3.7582	3.7598			N/A
1/30/2019	USDPLN	1:30:00 PM	3.7529	3.7546			N/A
1/30/2019	USDPLN	3:30:00 PM	3.7555	3.7564			N/A
1/31/2019	USDPLN	9:30:00 AM	3.7166	3.7177			N/A

1/31/2019	USDPLN	11:30:00 AM					N/A
1/31/2019	USDPLN	1:30:00 PM	3.7224	3.7232			N/A
1/31/2019	USDPLN	3:30:00 PM	3.718	3.7163			N/A
2/1/2019	USDPLN	9:30:00 AM	3.7276	3.729			N/A
2/1/2019	USDPLN	11:30:00 AM	3.7298	3.7305			N/A
2/1/2019	USDPLN	1:30:00 PM	3.7197	3.7215			N/A
2/1/2019	USDPLN	3:30:00 PM	3.7323	3.7272			N/A
2/4/2019	USDPLN	9:30:00 AM	3.7496	3.7508			N/A
2/4/2019	USDPLN	11:30:00 AM					N/A
2/4/2019	USDPLN	1:30:00 PM	3.7416	3.7428			N/A
2/4/2019	USDPLN	3:30:00 PM	3.741	3.7421			N/A
2/5/2019	USDPLN	9:30:00 AM	3.7493	3.7507			N/A
2/5/2019	USDPLN	11:30:00 AM	3.7542	3.7552			N/A
2/5/2019	USDPLN	1:30:00 PM	3.7552	3.7566			N/A
2/5/2019	USDPLN	3:30:00 PM	3.7551	3.7556			N/A
2/6/2019	USDPLN	9:30:00 AM	3.7685	3.7683			N/A
2/6/2019	USDPLN	11:30:00 AM					N/A
2/6/2019	USDPLN	1:30:00 PM	3.7686	3.7702			N/A
2/6/2019	USDPLN	3:30:00 PM	3.7658	3.7664			N/A
2/7/2019	USDPLN	9:30:00 AM	3.7828	3.7844			N/A
2/7/2019	USDPLN	11:30:00 AM	3.7883	3.7899			N/A
2/7/2019	USDPLN	1:30:00 PM	3.7957	3.7967			N/A
2/7/2019	USDPLN	3:30:00 PM	3.7925	3.7933			N/A
2/8/2019	USDPLN	9:30:00 AM	3.7987	3.7995			N/A
2/8/2019	USDPLN	11:30:00 AM					N/A
2/8/2019	USDPLN	1:30:00 PM	3.7963	3.7977			N/A
2/8/2019	USDPLN	3:30:00 PM	3.7948	3.7959			N/A
2/11/2019	USDPLN	9:30:00 AM	3.805	3.8065			N/A
2/11/2019	USDPLN	11:30:00 AM	3.816	3.8171			N/A
2/11/2019	USDPLN	1:30:00 PM	3.8153	3.8164			N/A
2/11/2019	USDPLN	3:30:00 PM	3.8168	3.8179			N/A
2/12/2019	USDPLN	9:30:00 AM	3.8319	3.8325			N/A
2/12/2019	USDPLN	11:30:00 AM					N/A
2/12/2019	USDPLN	1:30:00 PM	3.8365	3.8374			N/A
2/12/2019	USDPLN	3:30:00 PM	3.83	3.8315			N/A
2/13/2019	USDPLN	9:30:00 AM	3.8185	3.8197			N/A
2/13/2019	USDPLN	11:30:00 AM	3.8215	3.8229			N/A
2/13/2019	USDPLN	1:30:00 PM	3.8235	3.8252			N/A
2/13/2019	USDPLN	3:30:00 PM	3.8303	3.8287			N/A
2/14/2019	USDPLN	9:30:00 AM	3.8407	3.8414			N/A
2/14/2019	USDPLN	11:30:00 AM					N/A
2/14/2019	USDPLN	1:30:00 PM	3.8435	3.8446			N/A
2/14/2019	USDPLN	3:30:00 PM	3.8452	3.8428			N/A
2/15/2019	USDPLN	9:30:00 AM					N/A
2/15/2019	USDPLN	11:30:00 AM					N/A
2/15/2019	USDPLN	1:30:00 PM					N/A
2/15/2019	USDPLN	3:30:00 PM					N/A
2/18/2019	USDPLN	9:30:00 AM	3.8267	3.8273			N/A
2/18/2019	USDPLN	11:30:00 AM					N/A
2/18/2019	USDPLN	1:30:00 PM	3.8238	3.8249			N/A

2/18/2019	USDPLN	3:30:00 PM	3.8237	3.825			N/A
2/19/2019	USDPLN	9:30:00 AM	3.8297	3.8312			N/A
2/19/2019	USDPLN	11:30:00 AM	3.8299	3.8302			N/A
2/19/2019	USDPLN	1:30:00 PM	3.8376	3.8391			N/A
2/19/2019	USDPLN	3:30:00 PM	3.8373	3.8379			N/A
2/20/2019	USDPLN	9:30:00 AM	3.821	3.822			N/A
2/20/2019	USDPLN	11:30:00 AM					N/A
2/20/2019	USDPLN	1:30:00 PM	3.83	3.8312			N/A
2/20/2019	USDPLN	3:30:00 PM	3.8314	3.8325			N/A
2/21/2019	USDPLN	9:30:00 AM	3.823	3.8236			N/A
2/21/2019	USDPLN	11:30:00 AM	3.8223	3.8229			N/A
2/21/2019	USDPLN	1:30:00 PM	3.8206	3.8213			N/A
2/21/2019	USDPLN	3:30:00 PM	3.8199	3.8169			N/A
2/22/2019	USDPLN	9:30:00 AM	3.8182	3.8193			N/A
2/22/2019	USDPLN	11:30:00 AM					N/A
2/22/2019	USDPLN	1:30:00 PM	3.8256	3.8267			N/A
2/22/2019	USDPLN	3:30:00 PM	3.8247	3.8261			N/A
2/25/2019	USDPLN	9:30:00 AM	3.8177	3.8188			N/A
2/25/2019	USDPLN	11:30:00 AM	3.8221	3.8237			N/A
2/25/2019	USDPLN	1:30:00 PM	3.8156	3.8164			N/A
2/25/2019	USDPLN	3:30:00 PM	3.8181	3.8195			N/A
2/26/2019	USDPLN	9:30:00 AM	3.819	3.8205			N/A
2/26/2019	USDPLN	11:30:00 AM					N/A
2/26/2019	USDPLN	1:30:00 PM	3.8123	3.8134			N/A
2/26/2019	USDPLN	3:30:00 PM	3.8118	3.8109			N/A
2/27/2019	USDPLN	9:30:00 AM	3.8024	3.8031			N/A
2/27/2019	USDPLN	11:30:00 AM	3.7888	3.79			N/A
2/27/2019	USDPLN	1:30:00 PM	3.7861	3.7867			N/A
2/27/2019	USDPLN	3:30:00 PM	3.7893	3.7904			N/A
2/28/2019	USDPLN	9:30:00 AM	3.7949	3.7953			N/A
2/28/2019	USDPLN	11:30:00 AM					N/A
2/28/2019	USDPLN	1:30:00 PM	3.7732	3.774			N/A
2/28/2019	USDPLN	3:30:00 PM	3.783	3.7797			N/A
3/1/2019	USDPLN	9:30:00 AM	3.784	3.7856			N/A
3/1/2019	USDPLN	11:30:00 AM	3.7897	3.7911			N/A
3/1/2019	USDPLN	1:30:00 PM	3.7854	3.7869			N/A
3/1/2019	USDPLN	3:30:00 PM	3.7854	3.7867			N/A
3/4/2019	USDPLN	9:30:00 AM	3.7867	3.7882			N/A
3/4/2019	USDPLN	11:30:00 AM					N/A
3/4/2019	USDPLN	1:30:00 PM	3.7903	3.7913			N/A
3/4/2019	USDPLN	3:30:00 PM	3.7891	3.7905			N/A
3/5/2019	USDPLN	9:30:00 AM	3.8008	3.8021			N/A
3/5/2019	USDPLN	11:30:00 AM	3.7971	3.7985			N/A
3/5/2019	USDPLN	1:30:00 PM	3.7951	3.7966			N/A
3/5/2019	USDPLN	3:30:00 PM	3.7964	3.7972			N/A
3/6/2019	USDPLN	9:30:00 AM	3.8059	3.8071			N/A
3/6/2019	USDPLN	11:30:00 AM					N/A
3/6/2019	USDPLN	1:30:00 PM	3.804	3.8058			N/A
3/6/2019	USDPLN	3:30:00 PM	3.8061	3.803			N/A
3/7/2019	USDPLN	9:30:00 AM	3.8042	3.8056			N/A

3/7/2019	USDPLN	11:30:00 AM	3.8016	3.803			N/A
3/7/2019	USDPLN	1:30:00 PM	3.801	3.8022			N/A
3/7/2019	USDPLN	3:30:00 PM	3.816	3.8165			N/A
3/8/2019	USDPLN	9:30:00 AM	3.85	3.8507			N/A
3/8/2019	USDPLN	11:30:00 AM					N/A
3/8/2019	USDPLN	1:30:00 PM	3.8394	3.8408			N/A
3/8/2019	USDPLN	3:30:00 PM	3.8358	3.8281			N/A
3/11/2019	USDPLN	9:30:00 AM	3.8248	3.8246			N/A
3/11/2019	USDPLN	11:30:00 AM	3.8195	3.8204			N/A
3/11/2019	USDPLN	1:30:00 PM	3.8242	3.8251			N/A
3/11/2019	USDPLN	3:30:00 PM	3.82	3.8207			N/A
3/12/2019	USDPLN	9:30:00 AM	3.8198	3.821			N/A
3/12/2019	USDPLN	11:30:00 AM					N/A
3/12/2019	USDPLN	1:30:00 PM	3.8222	3.8236			N/A
3/12/2019	USDPLN	3:30:00 PM	3.8129	3.8128			N/A
3/13/2019	USDPLN	9:30:00 AM	3.8115	3.8128			N/A
3/13/2019	USDPLN	11:30:00 AM	3.8051	3.8065			N/A
3/13/2019	USDPLN	1:30:00 PM	3.8055	3.807			N/A
3/13/2019	USDPLN	3:30:00 PM	3.8046	3.8053			N/A
3/14/2019	USDPLN	9:30:00 AM	3.7976	3.7988			N/A
3/14/2019	USDPLN	11:30:00 AM					N/A
3/14/2019	USDPLN	1:30:00 PM	3.8077	3.8078			N/A
3/14/2019	USDPLN	3:30:00 PM	3.8085	3.8097			N/A
3/15/2019	USDPLN	9:30:00 AM	3.8013	3.8014			N/A
3/15/2019	USDPLN	11:30:00 AM	3.8014	3.8029			N/A
3/15/2019	USDPLN	1:30:00 PM	3.8028	3.8044			N/A
3/15/2019	USDPLN	3:30:00 PM	3.8038	3.8045			N/A
3/18/2019	USDPLN	9:30:00 AM	3.79	3.7898			N/A
3/18/2019	USDPLN	11:30:00 AM					N/A
3/18/2019	USDPLN	1:30:00 PM	3.7839	3.7854			N/A
3/18/2019	USDPLN	3:30:00 PM	3.7881	3.7886			N/A
3/19/2019	USDPLN	9:30:00 AM	3.7833	3.7846			N/A
3/19/2019	USDPLN	11:30:00 AM	3.7791	3.7805			N/A
3/19/2019	USDPLN	1:30:00 PM	3.7772	3.7788			N/A
3/19/2019	USDPLN	3:30:00 PM	3.7778	3.7788			N/A
3/20/2019	USDPLN	9:30:00 AM	3.7777	3.7792			N/A
3/20/2019	USDPLN	11:30:00 AM					N/A
3/20/2019	USDPLN	1:30:00 PM	3.7753	3.7768			N/A
3/20/2019	USDPLN	3:30:00 PM	3.7716	3.7728			N/A
3/21/2019	USDPLN	9:30:00 AM	3.7427	3.744			N/A
3/21/2019	USDPLN	11:30:00 AM	3.7577	3.7587			N/A
3/21/2019	USDPLN	1:30:00 PM	3.7612	3.7617			N/A
3/21/2019	USDPLN	3:30:00 PM	3.756	3.7564			N/A
3/22/2019	USDPLN	9:30:00 AM	3.7619	3.7628			N/A
3/22/2019	USDPLN	11:30:00 AM					N/A
3/22/2019	USDPLN	1:30:00 PM	3.7968	3.7981			N/A
3/22/2019	USDPLN	3:30:00 PM	3.7977	3.799			N/A
3/25/2019	USDPLN	9:30:00 AM	3.7994	3.8003			N/A
3/25/2019	USDPLN	11:30:00 AM	3.7957	3.797			N/A
3/25/2019	USDPLN	1:30:00 PM	3.8022	3.8026			N/A

3/25/2019	USDPLN	3:30:00 PM	3.7972	3.7986			N/A
3/26/2019	USDPLN	9:30:00 AM	3.7938	3.7951			N/A
3/26/2019	USDPLN	11:30:00 AM					N/A
3/26/2019	USDPLN	1:30:00 PM	3.7938	3.795			N/A
3/26/2019	USDPLN	3:30:00 PM	3.8018	3.8027			N/A
3/27/2019	USDPLN	9:30:00 AM	3.8146	3.8154			N/A
3/27/2019	USDPLN	11:30:00 AM	3.8108	3.8118			N/A
3/27/2019	USDPLN	1:30:00 PM	3.8088	3.8103			N/A
3/27/2019	USDPLN	3:30:00 PM	3.8133	3.8131			N/A
3/28/2019	USDPLN	9:30:00 AM	3.8151	3.816			N/A
3/28/2019	USDPLN	11:30:00 AM					N/A
3/28/2019	USDPLN	1:30:00 PM	3.8289	3.8294			N/A
3/28/2019	USDPLN	3:30:00 PM	3.825	3.8256			N/A
3/29/2019	USDPLN	9:30:00 AM	3.8203	3.8213			N/A
3/29/2019	USDPLN	11:30:00 AM	3.8295	3.8305			N/A
3/29/2019	USDPLN	1:30:00 PM	3.8299	3.8314			N/A
3/29/2019	USDPLN	3:30:00 PM	3.8283	3.8294			N/A
1/1/2019	USDRUR	9:30:00 AM					N/A
1/1/2019	USDRUR	11:30:00 AM					N/A
1/1/2019	USDRUR	1:30:00 PM					N/A
1/1/2019	USDRUR	3:30:00 PM					N/A
1/2/2019	USDRUR	9:30:00 AM					N/A
1/2/2019	USDRUR	11:30:00 AM					N/A
1/2/2019	USDRUR	1:30:00 PM					N/A
1/2/2019	USDRUR	3:30:00 PM					N/A
1/3/2019	USDRUR	9:30:00 AM					N/A
1/3/2019	USDRUR	11:30:00 AM					N/A
1/3/2019	USDRUR	1:30:00 PM					N/A
1/3/2019	USDRUR	3:30:00 PM					N/A
1/4/2019	USDRUR	9:30:00 AM					N/A
1/4/2019	USDRUR	11:30:00 AM					N/A
1/4/2019	USDRUR	1:30:00 PM					N/A
1/4/2019	USDRUR	3:30:00 PM					N/A
1/7/2019	USDRUR	9:30:00 AM					N/A
1/7/2019	USDRUR	11:30:00 AM					N/A
1/7/2019	USDRUR	1:30:00 PM	67.05	67.448			N/A
1/7/2019	USDRUR	3:30:00 PM	66.626	67.015			N/A
1/8/2019	USDRUR	9:30:00 AM					N/A
1/8/2019	USDRUR	11:30:00 AM	66.764	67.134			N/A
1/8/2019	USDRUR	1:30:00 PM	66.768	67.158			N/A
1/8/2019	USDRUR	3:30:00 PM	66.78	67.165			N/A
1/9/2019	USDRUR	9:30:00 AM					N/A
1/9/2019	USDRUR	11:30:00 AM					N/A
1/9/2019	USDRUR	1:30:00 PM	66.866	67.247			N/A
1/9/2019	USDRUR	3:30:00 PM	66.831	67.213			N/A
1/10/2019	USDRUR	9:30:00 AM					N/A
1/10/2019	USDRUR	11:30:00 AM	66.879	67.249			N/A
1/10/2019	USDRUR	1:30:00 PM	66.939	67.279			N/A
1/10/2019	USDRUR	3:30:00 PM	66.81	67.153			N/A
1/11/2019	USDRUR	9:30:00 AM					N/A

1/11/2019	USDRUR	11:30:00 AM					N/A
1/11/2019	USDRUR	1:30:00 PM	66.756	67.129			N/A
1/11/2019	USDRUR	3:30:00 PM	66.862	67.241			N/A
1/14/2019	USDRUR	9:30:00 AM					N/A
1/14/2019	USDRUR	11:30:00 AM	66.996	67.379			N/A
1/14/2019	USDRUR	1:30:00 PM	67.03	67.386			N/A
1/14/2019	USDRUR	3:30:00 PM	67.007	67.392			N/A
1/15/2019	USDRUR	9:30:00 AM					N/A
1/15/2019	USDRUR	11:30:00 AM					N/A
1/15/2019	USDRUR	1:30:00 PM	66.864	67.248			N/A
1/15/2019	USDRUR	3:30:00 PM	66.881	67.241			N/A
1/16/2019	USDRUR	9:30:00 AM					N/A
1/16/2019	USDRUR	11:30:00 AM	66.495	66.878			N/A
1/16/2019	USDRUR	1:30:00 PM	66.568	66.953			N/A
1/16/2019	USDRUR	3:30:00 PM	66.499	66.895			N/A
1/17/2019	USDRUR	9:30:00 AM					N/A
1/17/2019	USDRUR	11:30:00 AM					N/A
1/17/2019	USDRUR	1:30:00 PM	66.336	66.73			N/A
1/17/2019	USDRUR	3:30:00 PM	66.407	66.762			N/A
1/18/2019	USDRUR	9:30:00 AM					N/A
1/18/2019	USDRUR	11:30:00 AM	66.242	66.62			N/A
1/18/2019	USDRUR	1:30:00 PM	66.143	66.521			N/A
1/18/2019	USDRUR	3:30:00 PM	66.058	66.401			N/A
1/21/2019	USDRUR	9:30:00 AM					N/A
1/21/2019	USDRUR	11:30:00 AM					N/A
1/21/2019	USDRUR	1:30:00 PM	66.236	66.623			N/A
1/21/2019	USDRUR	3:30:00 PM	66.181	66.576			N/A
1/22/2019	USDRUR	9:30:00 AM					N/A
1/22/2019	USDRUR	11:30:00 AM	66.355	66.747			N/A
1/22/2019	USDRUR	1:30:00 PM	66.32	66.697			N/A
1/22/2019	USDRUR	3:30:00 PM	66.291	66.677			N/A
1/23/2019	USDRUR	9:30:00 AM					N/A
1/23/2019	USDRUR	11:30:00 AM					N/A
1/23/2019	USDRUR	1:30:00 PM	65.941	66.336			N/A
1/23/2019	USDRUR	3:30:00 PM	66.058	66.416			N/A
1/24/2019	USDRUR	9:30:00 AM					N/A
1/24/2019	USDRUR	11:30:00 AM	65.817	66.204			N/A
1/24/2019	USDRUR	1:30:00 PM	65.713	66.095			N/A
1/24/2019	USDRUR	3:30:00 PM	65.7	66.08			N/A
1/25/2019	USDRUR	9:30:00 AM					N/A
1/25/2019	USDRUR	11:30:00 AM					N/A
1/25/2019	USDRUR	1:30:00 PM	65.921	66.311			N/A
1/25/2019	USDRUR	3:30:00 PM	65.933	66.314			N/A
1/28/2019	USDRUR	9:30:00 AM					N/A
1/28/2019	USDRUR	11:30:00 AM	65.79	66.152			N/A
1/28/2019	USDRUR	1:30:00 PM	65.786	66.173			N/A
1/28/2019	USDRUR	3:30:00 PM	65.856	66.25			N/A
1/29/2019	USDRUR	9:30:00 AM					N/A
1/29/2019	USDRUR	11:30:00 AM					N/A
1/29/2019	USDRUR	1:30:00 PM	66.129	66.525			N/A

1/29/2019	USDRUR	3:30:00 PM	66.061	66.455			N/A
1/30/2019	USDRUR	9:30:00 AM					N/A
1/30/2019	USDRUR	11:30:00 AM	65.875	66.246			N/A
1/30/2019	USDRUR	1:30:00 PM	65.744	66.141			N/A
1/30/2019	USDRUR	3:30:00 PM	65.754	66.141			N/A
1/31/2019	USDRUR	9:30:00 AM					N/A
1/31/2019	USDRUR	11:30:00 AM					N/A
1/31/2019	USDRUR	1:30:00 PM	65.24	65.561			N/A
1/31/2019	USDRUR	3:30:00 PM	65.172	65.518			N/A
2/1/2019	USDRUR	9:30:00 AM					N/A
2/1/2019	USDRUR	11:30:00 AM	65.367	65.749			N/A
2/1/2019	USDRUR	1:30:00 PM	65.212	65.602			N/A
2/1/2019	USDRUR	3:30:00 PM	65.368	65.63			N/A
2/4/2019	USDRUR	9:30:00 AM					N/A
2/4/2019	USDRUR	11:30:00 AM					N/A
2/4/2019	USDRUR	1:30:00 PM	65.432	65.823			N/A
2/4/2019	USDRUR	3:30:00 PM	65.438	65.827			N/A
2/5/2019	USDRUR	9:30:00 AM					N/A
2/5/2019	USDRUR	11:30:00 AM	65.316	65.688			N/A
2/5/2019	USDRUR	1:30:00 PM	65.299	65.655			N/A
2/5/2019	USDRUR	3:30:00 PM	65.318	65.676			N/A
2/6/2019	USDRUR	9:30:00 AM					N/A
2/6/2019	USDRUR	11:30:00 AM					N/A
2/6/2019	USDRUR	1:30:00 PM	65.573	65.967			N/A
2/6/2019	USDRUR	3:30:00 PM	65.587	65.974			N/A
2/7/2019	USDRUR	9:30:00 AM					N/A
2/7/2019	USDRUR	11:30:00 AM	65.825	66.221			N/A
2/7/2019	USDRUR	1:30:00 PM	65.902	66.292			N/A
2/7/2019	USDRUR	3:30:00 PM	65.819	66.205			N/A
2/8/2019	USDRUR	9:30:00 AM					N/A
2/8/2019	USDRUR	11:30:00 AM					N/A
2/8/2019	USDRUR	1:30:00 PM	65.806	66.201			N/A
2/8/2019	USDRUR	3:30:00 PM	65.732	66.09			N/A
2/11/2019	USDRUR	9:30:00 AM					N/A
2/11/2019	USDRUR	11:30:00 AM	65.528	65.903			N/A
2/11/2019	USDRUR	1:30:00 PM	65.459	65.847			N/A
2/11/2019	USDRUR	3:30:00 PM	65.434	65.815			N/A
2/12/2019	USDRUR	9:30:00 AM					N/A
2/12/2019	USDRUR	11:30:00 AM					N/A
2/12/2019	USDRUR	1:30:00 PM	65.388	65.776			N/A
2/12/2019	USDRUR	3:30:00 PM	65.344	65.721			N/A
2/13/2019	USDRUR	9:30:00 AM					N/A
2/13/2019	USDRUR	11:30:00 AM	65.535	65.916			N/A
2/13/2019	USDRUR	1:30:00 PM	65.549	65.917			N/A
2/13/2019	USDRUR	3:30:00 PM	65.578	65.946			N/A
2/14/2019	USDRUR	9:30:00 AM					N/A
2/14/2019	USDRUR	11:30:00 AM					N/A
2/14/2019	USDRUR	1:30:00 PM	66.663	67.033			N/A
2/14/2019	USDRUR	3:30:00 PM	66.73	67.096			N/A
2/15/2019	USDRUR	9:30:00 AM					N/A

2/15/2019	USDRUR	11:30:00 AM					N/A
2/15/2019	USDRUR	1:30:00 PM					N/A
2/15/2019	USDRUR	3:30:00 PM					N/A
2/18/2019	USDRUR	9:30:00 AM					N/A
2/18/2019	USDRUR	11:30:00 AM					N/A
2/18/2019	USDRUR	1:30:00 PM	66.007	66.402			N/A
2/18/2019	USDRUR	3:30:00 PM	65.938	66.335			N/A
2/19/2019	USDRUR	9:30:00 AM					N/A
2/19/2019	USDRUR	11:30:00 AM	66.024	66.393			N/A
2/19/2019	USDRUR	1:30:00 PM	66.012	66.382			N/A
2/19/2019	USDRUR	3:30:00 PM	66	66.393			N/A
2/20/2019	USDRUR	9:30:00 AM					N/A
2/20/2019	USDRUR	11:30:00 AM					N/A
2/20/2019	USDRUR	1:30:00 PM	65.503	65.9			N/A
2/20/2019	USDRUR	3:30:00 PM	65.485	65.859			N/A
2/21/2019	USDRUR	9:30:00 AM					N/A
2/21/2019	USDRUR	11:30:00 AM	65.335	65.708			N/A
2/21/2019	USDRUR	1:30:00 PM	65.321	65.712			N/A
2/21/2019	USDRUR	3:30:00 PM	65.309	65.681			N/A
2/22/2019	USDRUR	9:30:00 AM					N/A
2/22/2019	USDRUR	11:30:00 AM					N/A
2/22/2019	USDRUR	1:30:00 PM	65.399	65.774			N/A
2/22/2019	USDRUR	3:30:00 PM	65.257	65.629			N/A
2/25/2019	USDRUR	9:30:00 AM					N/A
2/25/2019	USDRUR	11:30:00 AM	65.011	65.405			N/A
2/25/2019	USDRUR	1:30:00 PM	65.028	65.413			N/A
2/25/2019	USDRUR	3:30:00 PM	65.23	65.608			N/A
2/26/2019	USDRUR	9:30:00 AM					N/A
2/26/2019	USDRUR	11:30:00 AM					N/A
2/26/2019	USDRUR	1:30:00 PM	65.428	65.824			N/A
2/26/2019	USDRUR	3:30:00 PM	65.525	65.896			N/A
2/27/2019	USDRUR	9:30:00 AM					N/A
2/27/2019	USDRUR	11:30:00 AM	65.554	65.932			N/A
2/27/2019	USDRUR	1:30:00 PM	65.601	65.991			N/A
2/27/2019	USDRUR	3:30:00 PM	65.569	65.957			N/A
2/28/2019	USDRUR	9:30:00 AM					N/A
2/28/2019	USDRUR	11:30:00 AM					N/A
2/28/2019	USDRUR	1:30:00 PM	65.517	65.904			N/A
2/28/2019	USDRUR	3:30:00 PM	65.587	65.937			N/A
3/1/2019	USDRUR	9:30:00 AM					N/A
3/1/2019	USDRUR	11:30:00 AM	65.672	66.057			N/A
3/1/2019	USDRUR	1:30:00 PM	65.582	65.968			N/A
3/1/2019	USDRUR	3:30:00 PM	65.677	66.065			N/A
3/4/2019	USDRUR	9:30:00 AM					N/A
3/4/2019	USDRUR	11:30:00 AM					N/A
3/4/2019	USDRUR	1:30:00 PM	65.578	65.971			N/A
3/4/2019	USDRUR	3:30:00 PM	65.498	65.876			N/A
3/5/2019	USDRUR	9:30:00 AM					N/A
3/5/2019	USDRUR	11:30:00 AM	65.572	65.957			N/A
3/5/2019	USDRUR	1:30:00 PM	65.604	65.999			N/A

3/5/2019	USDRUR	3:30:00 PM	65.587	65.968			N/A
3/6/2019	USDRUR	9:30:00 AM					N/A
3/6/2019	USDRUR	11:30:00 AM					N/A
3/6/2019	USDRUR	1:30:00 PM	65.614	66.013			N/A
3/6/2019	USDRUR	3:30:00 PM	65.646	66.021			N/A
3/7/2019	USDRUR	9:30:00 AM					N/A
3/7/2019	USDRUR	11:30:00 AM	65.728	66.126			N/A
3/7/2019	USDRUR	1:30:00 PM	65.822	66.213			N/A
3/7/2019	USDRUR	3:30:00 PM	65.73	66.111			N/A
3/8/2019	USDRUR	9:30:00 AM					N/A
3/8/2019	USDRUR	11:30:00 AM					N/A
3/8/2019	USDRUR	1:30:00 PM	66.254	66.651			N/A
3/8/2019	USDRUR	3:30:00 PM	66.184	66.573			N/A
3/11/2019	USDRUR	9:30:00 AM					N/A
3/11/2019	USDRUR	11:30:00 AM	65.871	66.26			N/A
3/11/2019	USDRUR	1:30:00 PM	65.871	66.269			N/A
3/11/2019	USDRUR	3:30:00 PM	65.767	66.156			N/A
3/12/2019	USDRUR	9:30:00 AM					N/A
3/12/2019	USDRUR	11:30:00 AM					N/A
3/12/2019	USDRUR	1:30:00 PM	65.604	66.001			N/A
3/12/2019	USDRUR	3:30:00 PM	65.523	65.915			N/A
3/13/2019	USDRUR	9:30:00 AM					N/A
3/13/2019	USDRUR	11:30:00 AM	65.344	65.739			N/A
3/13/2019	USDRUR	1:30:00 PM	65.311	65.708			N/A
3/13/2019	USDRUR	3:30:00 PM	65.274	65.661			N/A
3/14/2019	USDRUR	9:30:00 AM					N/A
3/14/2019	USDRUR	11:30:00 AM					N/A
3/14/2019	USDRUR	1:30:00 PM	65.275	65.662			N/A
3/14/2019	USDRUR	3:30:00 PM	65.217	65.613			N/A
3/15/2019	USDRUR	9:30:00 AM					N/A
3/15/2019	USDRUR	11:30:00 AM	65.171	65.562			N/A
3/15/2019	USDRUR	1:30:00 PM	65.105	65.497			N/A
3/15/2019	USDRUR	3:30:00 PM	65.111	65.472			N/A
3/18/2019	USDRUR	9:30:00 AM					N/A
3/18/2019	USDRUR	11:30:00 AM					N/A
3/18/2019	USDRUR	1:30:00 PM	64.162	64.539			N/A
3/18/2019	USDRUR	3:30:00 PM	64.181	64.554			N/A
3/19/2019	USDRUR	9:30:00 AM					N/A
3/19/2019	USDRUR	11:30:00 AM	64.087	64.472			N/A
3/19/2019	USDRUR	1:30:00 PM	64.114	64.51			N/A
3/19/2019	USDRUR	3:30:00 PM	64.198	64.555			N/A
3/20/2019	USDRUR	9:30:00 AM					N/A
3/20/2019	USDRUR	11:30:00 AM					N/A
3/20/2019	USDRUR	1:30:00 PM	64.127	64.519			N/A
3/20/2019	USDRUR	3:30:00 PM	64.134	64.528			N/A
3/21/2019	USDRUR	9:30:00 AM					N/A
3/21/2019	USDRUR	11:30:00 AM	63.52	63.892			N/A
3/21/2019	USDRUR	1:30:00 PM	63.565	63.953			N/A
3/21/2019	USDRUR	3:30:00 PM	63.527	63.88			N/A
3/22/2019	USDRUR	9:30:00 AM					N/A

3/22/2019	USDRUR	11:30:00 AM					N/A
3/22/2019	USDRUR	1:30:00 PM	64.122	64.511			N/A
3/22/2019	USDRUR	3:30:00 PM	64.192	64.575			N/A
3/25/2019	USDRUR	9:30:00 AM					N/A
3/25/2019	USDRUR	11:30:00 AM	64.204	64.585			N/A
3/25/2019	USDRUR	1:30:00 PM	64.161	64.544			N/A
3/25/2019	USDRUR	3:30:00 PM	64.169	64.537			N/A
3/26/2019	USDRUR	9:30:00 AM					N/A
3/26/2019	USDRUR	11:30:00 AM					N/A
3/26/2019	USDRUR	1:30:00 PM	63.985	64.373			N/A
3/26/2019	USDRUR	3:30:00 PM	64.161	64.534			N/A
3/27/2019	USDRUR	9:30:00 AM					N/A
3/27/2019	USDRUR	11:30:00 AM	64.496	64.88			N/A
3/27/2019	USDRUR	1:30:00 PM	64.631	65.007			N/A
3/27/2019	USDRUR	3:30:00 PM	64.525	64.9			N/A
3/28/2019	USDRUR	9:30:00 AM					N/A
3/28/2019	USDRUR	11:30:00 AM					N/A
3/28/2019	USDRUR	1:30:00 PM	65.007	65.375			N/A
3/28/2019	USDRUR	3:30:00 PM	64.982	65.354			N/A
3/29/2019	USDRUR	9:30:00 AM					N/A
3/29/2019	USDRUR	11:30:00 AM	64.499	64.882			N/A
3/29/2019	USDRUR	1:30:00 PM	64.615	64.997			N/A
3/29/2019	USDRUR	3:30:00 PM	64.732	65.119			N/A
1/1/2019	USDSEK	9:30:00 AM					N/A
1/1/2019	USDSEK	11:30:00 AM					N/A
1/1/2019	USDSEK	1:30:00 PM					N/A
1/1/2019	USDSEK	3:30:00 PM					N/A
1/1/2019	USDSEK	1:30:00 PM					N/A
1/1/2019	USDSEK	3:30:00 PM					N/A
1/2/2019	USDSEK	9:30:00 AM					N/A
1/2/2019	USDSEK	11:30:00 AM					N/A
1/2/2019	USDSEK	1:30:00 PM					N/A
1/2/2019	USDSEK	3:30:00 PM					N/A
1/3/2019	USDSEK	9:30:00 AM					N/A
1/3/2019	USDSEK	11:30:00 AM					N/A
1/3/2019	USDSEK	1:30:00 PM					N/A
1/3/2019	USDSEK	3:30:00 PM					N/A
1/4/2019	USDSEK	9:30:00 AM					N/A
1/4/2019	USDSEK	11:30:00 AM					N/A
1/4/2019	USDSEK	1:30:00 PM					N/A
1/4/2019	USDSEK	3:30:00 PM					N/A
1/7/2019	USDSEK	9:30:00 AM	8.9448	8.9476			N/A
1/7/2019	USDSEK	11:30:00 AM					N/A
1/7/2019	USDSEK	1:30:00 PM	8.9412	8.9446			N/A
1/7/2019	USDSEK	3:30:00 PM	8.9243	8.9277			N/A
1/8/2019	USDSEK	9:30:00 AM	8.917	8.9174			N/A
1/8/2019	USDSEK	11:30:00 AM	8.8886	8.8881			N/A
1/8/2019	USDSEK	1:30:00 PM	8.8914	8.8926			N/A
1/8/2019	USDSEK	3:30:00 PM	8.9025	8.9062			N/A
1/9/2019	USDSEK	9:30:00 AM	8.9124	8.9162			N/A
1/9/2019	USDSEK	11:30:00 AM					N/A
1/9/2019	USDSEK	1:30:00 PM	8.9422	8.9412			N/A

1/9/2019	USDSEK	3:30:00 PM	8.9242	8.9277			N/A
1/10/2019	USDSEK	9:30:00 AM	8.8714	8.8736			N/A
1/10/2019	USDSEK	11:30:00 AM	8.8904	8.8943			N/A
1/10/2019	USDSEK	1:30:00 PM	8.8717	8.8756			N/A
1/10/2019	USDSEK	3:30:00 PM	8.8669	8.8694			N/A
1/11/2019	USDSEK	9:30:00 AM	8.8758	8.8799			N/A
1/11/2019	USDSEK	11:30:00 AM					N/A
1/11/2019	USDSEK	1:30:00 PM	8.8797	8.8832			N/A
1/11/2019	USDSEK	3:30:00 PM	8.878	8.875			N/A
1/14/2019	USDSEK	9:30:00 AM	8.953	8.9535			N/A
1/14/2019	USDSEK	11:30:00 AM	8.9243	8.9266			N/A
1/14/2019	USDSEK	1:30:00 PM	8.9394	8.9376			N/A
1/14/2019	USDSEK	3:30:00 PM	8.9422	8.9455			N/A
1/15/2019	USDSEK	9:30:00 AM	8.9294	8.9309			N/A
1/15/2019	USDSEK	11:30:00 AM					N/A
1/15/2019	USDSEK	1:30:00 PM	8.9514	8.9535			N/A
1/15/2019	USDSEK	3:30:00 PM	8.9639	8.9654			N/A
1/16/2019	USDSEK	9:30:00 AM	8.963	8.9642			N/A
1/16/2019	USDSEK	11:30:00 AM	8.9617	8.9645			N/A
1/16/2019	USDSEK	1:30:00 PM	8.9779	8.9789			N/A
1/16/2019	USDSEK	3:30:00 PM	8.9961	8.9984			N/A
1/17/2019	USDSEK	9:30:00 AM	9.028	9.028			N/A
1/17/2019	USDSEK	11:30:00 AM					N/A
1/17/2019	USDSEK	1:30:00 PM	9.0177	9.0219			N/A
1/17/2019	USDSEK	3:30:00 PM	9.0324	9.0299			N/A
1/18/2019	USDSEK	9:30:00 AM	9.0051	9.0064			N/A
1/18/2019	USDSEK	11:30:00 AM	9.0002	9.0029			N/A
1/18/2019	USDSEK	1:30:00 PM	8.9862	8.9894			N/A
1/18/2019	USDSEK	3:30:00 PM	8.9871	8.9904			N/A
1/21/2019	USDSEK	9:30:00 AM	9.0053	9.009			N/A
1/21/2019	USDSEK	11:30:00 AM					N/A
1/21/2019	USDSEK	1:30:00 PM	9.0162	9.0208			N/A
1/21/2019	USDSEK	3:30:00 PM	9.0237	9.0267			N/A
1/22/2019	USDSEK	9:30:00 AM	9.0372	9.0407			N/A
1/22/2019	USDSEK	11:30:00 AM	9.0189	9.0215			N/A
1/22/2019	USDSEK	1:30:00 PM	9.0278	9.0316			N/A
1/22/2019	USDSEK	3:30:00 PM	9.0297	9.0319			N/A
1/23/2019	USDSEK	9:30:00 AM	9.0114	9.0151			N/A
1/23/2019	USDSEK	11:30:00 AM					N/A
1/23/2019	USDSEK	1:30:00 PM	9.0215	9.0249			N/A
1/23/2019	USDSEK	3:30:00 PM	9.0166	9.0202			N/A
1/24/2019	USDSEK	9:30:00 AM	9.0262	9.029			N/A
1/24/2019	USDSEK	11:30:00 AM	9.0483	9.0501			N/A
1/24/2019	USDSEK	1:30:00 PM	9.0744	9.0748			N/A
1/24/2019	USDSEK	3:30:00 PM	9.0774	9.0798			N/A
1/25/2019	USDSEK	9:30:00 AM	9.0638	9.0665			N/A
1/25/2019	USDSEK	11:30:00 AM					N/A
1/25/2019	USDSEK	1:30:00 PM	9.078	9.0816			N/A
1/25/2019	USDSEK	3:30:00 PM	9.0777	9.0801			N/A
1/28/2019	USDSEK	9:30:00 AM	9.0422	9.0434			N/A

1/28/2019	USDSEK	11:30:00 AM	9.0484	9.0518			N/A
1/28/2019	USDSEK	1:30:00 PM	9.0559	9.06			N/A
1/28/2019	USDSEK	3:30:00 PM	9.0639	9.0681			N/A
1/29/2019	USDSEK	9:30:00 AM	9.0427	9.0455			N/A
1/29/2019	USDSEK	11:30:00 AM					N/A
1/29/2019	USDSEK	1:30:00 PM	9.0593	9.0629			N/A
1/29/2019	USDSEK	3:30:00 PM	9.0611	9.0649			N/A
1/30/2019	USDSEK	9:30:00 AM	9.058	9.0617			N/A
1/30/2019	USDSEK	11:30:00 AM	9.0793	9.0833			N/A
1/30/2019	USDSEK	1:30:00 PM	9.091	9.0949			N/A
1/30/2019	USDSEK	3:30:00 PM	9.0861	9.0889			N/A
1/31/2019	USDSEK	9:30:00 AM	9.018	9.0218			N/A
1/31/2019	USDSEK	11:30:00 AM					N/A
1/31/2019	USDSEK	1:30:00 PM	9.0215	9.0257			N/A
1/31/2019	USDSEK	3:30:00 PM	9.0273	9.0257			N/A
2/1/2019	USDSEK	9:30:00 AM	9.0553	9.0552			N/A
2/1/2019	USDSEK	11:30:00 AM	9.0494	9.0515			N/A
2/1/2019	USDSEK	1:30:00 PM	9.0448	9.0486			N/A
2/1/2019	USDSEK	3:30:00 PM	9.058	9.0456			N/A
2/4/2019	USDSEK	9:30:00 AM	9.0644	9.0689			N/A
2/4/2019	USDSEK	11:30:00 AM					N/A
2/4/2019	USDSEK	1:30:00 PM	9.0777	9.0799			N/A
2/4/2019	USDSEK	3:30:00 PM	9.0889	9.0921			N/A
2/5/2019	USDSEK	9:30:00 AM	9.1107	9.1105			N/A
2/5/2019	USDSEK	11:30:00 AM	9.1193	9.1221			N/A
2/5/2019	USDSEK	1:30:00 PM	9.1182	9.121			N/A
2/5/2019	USDSEK	3:30:00 PM	9.1009	9.1025			N/A
2/6/2019	USDSEK	9:30:00 AM	9.1384	9.1412			N/A
2/6/2019	USDSEK	11:30:00 AM					N/A
2/6/2019	USDSEK	1:30:00 PM	9.1557	9.1593			N/A
2/6/2019	USDSEK	3:30:00 PM	9.1605	9.1635			N/A
2/7/2019	USDSEK	9:30:00 AM	9.2053	9.2082			N/A
2/7/2019	USDSEK	11:30:00 AM	9.2226	9.2265			N/A
2/7/2019	USDSEK	1:30:00 PM	9.2518	9.2543			N/A
2/7/2019	USDSEK	3:30:00 PM	9.2378	9.236			N/A
2/8/2019	USDSEK	9:30:00 AM	9.2631	9.2636			N/A
2/8/2019	USDSEK	11:30:00 AM					N/A
2/8/2019	USDSEK	1:30:00 PM	9.2639	9.2686			N/A
2/8/2019	USDSEK	3:30:00 PM	9.2475	9.2505			N/A
2/11/2019	USDSEK	9:30:00 AM	9.2787	9.2816			N/A
2/11/2019	USDSEK	11:30:00 AM	9.2634	9.2668			N/A
2/11/2019	USDSEK	1:30:00 PM	9.2628	9.266			N/A
2/11/2019	USDSEK	3:30:00 PM	9.2688	9.2719			N/A
2/12/2019	USDSEK	9:30:00 AM	9.2769	9.2794			N/A
2/12/2019	USDSEK	11:30:00 AM					N/A
2/12/2019	USDSEK	1:30:00 PM	9.2669	9.2703			N/A
2/12/2019	USDSEK	3:30:00 PM	9.2757	9.2788			N/A
2/13/2019	USDSEK	9:30:00 AM	9.2542	9.2577			N/A
2/13/2019	USDSEK	11:30:00 AM	9.223	9.2271			N/A
2/13/2019	USDSEK	1:30:00 PM	9.206	9.2108			N/A

2/13/2019	USDSEK	3:30:00 PM	9.2095	9.2073			N/A
2/14/2019	USDSEK	9:30:00 AM	9.2438	9.2446			N/A
2/14/2019	USDSEK	11:30:00 AM					N/A
2/14/2019	USDSEK	1:30:00 PM	9.2729	9.2764			N/A
2/14/2019	USDSEK	3:30:00 PM	9.29	9.2905			N/A
2/15/2019	USDSEK	9:30:00 AM					N/A
2/15/2019	USDSEK	11:30:00 AM					N/A
2/15/2019	USDSEK	1:30:00 PM					N/A
2/15/2019	USDSEK	3:30:00 PM					N/A
2/18/2019	USDSEK	9:30:00 AM	9.2543	9.2567			N/A
2/18/2019	USDSEK	11:30:00 AM					N/A
2/18/2019	USDSEK	1:30:00 PM	9.2482	9.2487			N/A
2/18/2019	USDSEK	3:30:00 PM	9.2458	9.2504			N/A
2/19/2019	USDSEK	9:30:00 AM	9.2615	9.2655			N/A
2/19/2019	USDSEK	11:30:00 AM	9.3637	9.3622			N/A
2/19/2019	USDSEK	1:30:00 PM	9.3814	9.3856			N/A
2/19/2019	USDSEK	3:30:00 PM	9.3808	9.3841			N/A
2/20/2019	USDSEK	9:30:00 AM	9.3078	9.3102			N/A
2/20/2019	USDSEK	11:30:00 AM					N/A
2/20/2019	USDSEK	1:30:00 PM	9.3174	9.3215			N/A
2/20/2019	USDSEK	3:30:00 PM	9.324	9.3264			N/A
2/21/2019	USDSEK	9:30:00 AM	9.3307	9.3331			N/A
2/21/2019	USDSEK	11:30:00 AM	9.3445	9.3456			N/A
2/21/2019	USDSEK	1:30:00 PM	9.3431	9.3454			N/A
2/21/2019	USDSEK	3:30:00 PM	9.3573	9.3495			N/A
2/22/2019	USDSEK	9:30:00 AM	9.3513	9.3533			N/A
2/22/2019	USDSEK	11:30:00 AM					N/A
2/22/2019	USDSEK	1:30:00 PM	9.3542	9.3575			N/A
2/22/2019	USDSEK	3:30:00 PM	9.3535	9.3579			N/A
2/25/2019	USDSEK	9:30:00 AM	9.3214	9.3251			N/A
2/25/2019	USDSEK	11:30:00 AM	9.3148	9.3185			N/A
2/25/2019	USDSEK	1:30:00 PM	9.3031	9.3068			N/A
2/25/2019	USDSEK	3:30:00 PM	9.3142	9.3181			N/A
2/26/2019	USDSEK	9:30:00 AM	9.3234	9.3278			N/A
2/26/2019	USDSEK	11:30:00 AM					N/A
2/26/2019	USDSEK	1:30:00 PM	9.3234	9.3262			N/A
2/26/2019	USDSEK	3:30:00 PM	9.3147	9.3144			N/A
2/27/2019	USDSEK	9:30:00 AM	9.2915	9.2956			N/A
2/27/2019	USDSEK	11:30:00 AM	9.2614	9.2647			N/A
2/27/2019	USDSEK	1:30:00 PM	9.2496	9.2525			N/A
2/27/2019	USDSEK	3:30:00 PM	9.2564	9.2591			N/A
2/28/2019	USDSEK	9:30:00 AM	9.2648	9.2675			N/A
2/28/2019	USDSEK	11:30:00 AM					N/A
2/28/2019	USDSEK	1:30:00 PM	9.1801	9.182			N/A
2/28/2019	USDSEK	3:30:00 PM	9.2005	9.1915			N/A
3/1/2019	USDSEK	9:30:00 AM	9.2401	9.237			N/A
3/1/2019	USDSEK	11:30:00 AM	9.2448	9.2446			N/A
3/1/2019	USDSEK	1:30:00 PM	9.224	9.2278			N/A
3/1/2019	USDSEK	3:30:00 PM	9.2272	9.2309			N/A
3/4/2019	USDSEK	9:30:00 AM	9.268	9.2718			N/A

3/4/2019	USDSEK	11:30:00 AM					N/A
3/4/2019	USDSEK	1:30:00 PM	9.2945	9.2985			N/A
3/4/2019	USDSEK	3:30:00 PM	9.3075	9.3121			N/A
3/5/2019	USDSEK	9:30:00 AM	9.3632	9.3618			N/A
3/5/2019	USDSEK	11:30:00 AM	9.3186	9.3217			N/A
3/5/2019	USDSEK	1:30:00 PM	9.3147	9.3162			N/A
3/5/2019	USDSEK	3:30:00 PM	9.313	9.3162			N/A
3/6/2019	USDSEK	9:30:00 AM	9.3214	9.3211			N/A
3/6/2019	USDSEK	11:30:00 AM					N/A
3/6/2019	USDSEK	1:30:00 PM	9.3285	9.3326			N/A
3/6/2019	USDSEK	3:30:00 PM	9.3286	9.3241			N/A
3/7/2019	USDSEK	9:30:00 AM	9.2971	9.3015			N/A
3/7/2019	USDSEK	11:30:00 AM	9.3077	9.3097			N/A
3/7/2019	USDSEK	1:30:00 PM	9.3317	9.3342			N/A
3/7/2019	USDSEK	3:30:00 PM	9.3783	9.3788			N/A
3/8/2019	USDSEK	9:30:00 AM	9.4817	9.4844			N/A
3/8/2019	USDSEK	11:30:00 AM					N/A
3/8/2019	USDSEK	1:30:00 PM	9.4749	9.4782			N/A
3/8/2019	USDSEK	3:30:00 PM	9.4751	9.4644			N/A
3/11/2019	USDSEK	9:30:00 AM	9.4078	9.4092			N/A
3/11/2019	USDSEK	11:30:00 AM	9.418	9.4208			N/A
3/11/2019	USDSEK	1:30:00 PM	9.4011	9.4047			N/A
3/11/2019	USDSEK	3:30:00 PM	9.3958	9.3984			N/A
3/12/2019	USDSEK	9:30:00 AM	9.3732	9.3766			N/A
3/12/2019	USDSEK	11:30:00 AM					N/A
3/12/2019	USDSEK	1:30:00 PM	9.4028	9.4071			N/A
3/12/2019	USDSEK	3:30:00 PM	9.377	9.3811			N/A
3/13/2019	USDSEK	9:30:00 AM	9.3706	9.3743			N/A
3/13/2019	USDSEK	11:30:00 AM	9.3393	9.344			N/A
3/13/2019	USDSEK	1:30:00 PM	9.342	9.3463			N/A
3/13/2019	USDSEK	3:30:00 PM	9.3367	9.3374			N/A
3/14/2019	USDSEK	9:30:00 AM	9.2963	9.2996			N/A
3/14/2019	USDSEK	11:30:00 AM					N/A
3/14/2019	USDSEK	1:30:00 PM	9.3341	9.3356			N/A
3/14/2019	USDSEK	3:30:00 PM	9.3241	9.3269			N/A
3/15/2019	USDSEK	9:30:00 AM	9.2814	9.2839			N/A
3/15/2019	USDSEK	11:30:00 AM	9.2843	9.2856			N/A
3/15/2019	USDSEK	1:30:00 PM	9.2567	9.2602			N/A
3/15/2019	USDSEK	3:30:00 PM	9.2761	9.2771			N/A
3/18/2019	USDSEK	9:30:00 AM	9.2171	9.2185			N/A
3/18/2019	USDSEK	11:30:00 AM					N/A
3/18/2019	USDSEK	1:30:00 PM	9.2113	9.2154			N/A
3/18/2019	USDSEK	3:30:00 PM	9.2267	9.2291			N/A
3/19/2019	USDSEK	9:30:00 AM	9.2284	9.2273			N/A
3/19/2019	USDSEK	11:30:00 AM	9.2273	9.2309			N/A
3/19/2019	USDSEK	1:30:00 PM	9.2063	9.2102			N/A
3/19/2019	USDSEK	3:30:00 PM	9.2019	9.2055			N/A
3/20/2019	USDSEK	9:30:00 AM	9.2066	9.2101			N/A
3/20/2019	USDSEK	11:30:00 AM					N/A
3/20/2019	USDSEK	1:30:00 PM	9.1874	9.1913			N/A

3/20/2019	USDSEK	3:30:00 PM	9.1804	9.1842			N/A
3/21/2019	USDSEK	9:30:00 AM	9.1124	9.116			N/A
3/21/2019	USDSEK	11:30:00 AM	9.1365	9.1402			N/A
3/21/2019	USDSEK	1:30:00 PM	9.1523	9.1546			N/A
3/21/2019	USDSEK	3:30:00 PM	9.1516	9.1517			N/A
3/22/2019	USDSEK	9:30:00 AM	9.1618	9.1652			N/A
3/22/2019	USDSEK	11:30:00 AM					N/A
3/22/2019	USDSEK	1:30:00 PM	9.2592	9.263			N/A
3/22/2019	USDSEK	3:30:00 PM	9.2628	9.2656			N/A
3/25/2019	USDSEK	9:30:00 AM	9.2563	9.2562			N/A
3/25/2019	USDSEK	11:30:00 AM	9.2267	9.2306			N/A
3/25/2019	USDSEK	1:30:00 PM	9.2315	9.2338			N/A
3/25/2019	USDSEK	3:30:00 PM	9.2287	9.2317			N/A
3/26/2019	USDSEK	9:30:00 AM	9.2434	9.2471			N/A
3/26/2019	USDSEK	11:30:00 AM					N/A
3/26/2019	USDSEK	1:30:00 PM	9.2228	9.2247			N/A
3/26/2019	USDSEK	3:30:00 PM	9.2303	9.2333			N/A
3/27/2019	USDSEK	9:30:00 AM	9.2662	9.2694			N/A
3/27/2019	USDSEK	11:30:00 AM	9.2342	9.2334			N/A
3/27/2019	USDSEK	1:30:00 PM	9.2457	9.2477			N/A
3/27/2019	USDSEK	3:30:00 PM	9.2557	9.2541			N/A
3/28/2019	USDSEK	9:30:00 AM	9.2746	9.2772			N/A
3/28/2019	USDSEK	11:30:00 AM					N/A
3/28/2019	USDSEK	1:30:00 PM	9.3458	9.348			N/A
3/28/2019	USDSEK	3:30:00 PM	9.3274	9.3289			N/A
3/29/2019	USDSEK	9:30:00 AM	9.2761	9.28			N/A
3/29/2019	USDSEK	11:30:00 AM	9.2765	9.2785			N/A
3/29/2019	USDSEK	1:30:00 PM	9.2589	9.2625			N/A
3/29/2019	USDSEK	3:30:00 PM	9.2569	9.2583			N/A
1/1/2019	USDSGD	9:30:00 AM					N/A
1/1/2019	USDSGD	11:30:00 AM					N/A
1/1/2019	USDSGD	1:30:00 PM					N/A
1/1/2019	USDSGD	3:30:00 PM					N/A
1/2/2019	USDSGD	9:30:00 AM					N/A
1/2/2019	USDSGD	11:30:00 AM					N/A
1/2/2019	USDSGD	1:30:00 PM					N/A
1/2/2019	USDSGD	3:30:00 PM					N/A
1/3/2019	USDSGD	9:30:00 AM					N/A
1/3/2019	USDSGD	11:30:00 AM					N/A
1/3/2019	USDSGD	1:30:00 PM					N/A
1/3/2019	USDSGD	3:30:00 PM					N/A
1/4/2019	USDSGD	9:30:00 AM					N/A
1/4/2019	USDSGD	11:30:00 AM					N/A
1/4/2019	USDSGD	1:30:00 PM					N/A
1/4/2019	USDSGD	3:30:00 PM					N/A
1/7/2019	USDSGD	9:30:00 AM	1.3572	1.3574			N/A
1/7/2019	USDSGD	11:30:00 AM					N/A
1/7/2019	USDSGD	1:30:00 PM	1.3576	1.3579			N/A
1/7/2019	USDSGD	3:30:00 PM	1.3564	1.3567			N/A
1/8/2019	USDSGD	9:30:00 AM	1.3581	1.3583			N/A

1/8/2019	USDSGD	11:30:00 AM	1.358	1.3583			N/A
1/8/2019	USDSGD	1:30:00 PM	1.3587	1.359			N/A
1/8/2019	USDSGD	3:30:00 PM	1.3589	1.3592			N/A
1/9/2019	USDSGD	9:30:00 AM	1.3566	1.3569			N/A
1/9/2019	USDSGD	11:30:00 AM					N/A
1/9/2019	USDSGD	1:30:00 PM	1.3566	1.3569			N/A
1/9/2019	USDSGD	3:30:00 PM	1.356	1.3564			N/A
1/10/2019	USDSGD	9:30:00 AM	1.3509	1.3511			N/A
1/10/2019	USDSGD	11:30:00 AM	1.3518	1.3522			N/A
1/10/2019	USDSGD	1:30:00 PM	1.3511	1.3515			N/A
1/10/2019	USDSGD	3:30:00 PM	1.3511	1.3513			N/A
1/11/2019	USDSGD	9:30:00 AM	1.3507	1.3511			N/A
1/11/2019	USDSGD	11:30:00 AM					N/A
1/11/2019	USDSGD	1:30:00 PM	1.3508	1.3512			N/A
1/11/2019	USDSGD	3:30:00 PM	1.3512	1.3511			N/A
1/14/2019	USDSGD	9:30:00 AM	1.3541	1.3544			N/A
1/14/2019	USDSGD	11:30:00 AM	1.3541	1.3544			N/A
1/14/2019	USDSGD	1:30:00 PM	1.3541	1.3544			N/A
1/14/2019	USDSGD	3:30:00 PM	1.3544	1.3548			N/A
1/15/2019	USDSGD	9:30:00 AM	1.3517	1.352			N/A
1/15/2019	USDSGD	11:30:00 AM					N/A
1/15/2019	USDSGD	1:30:00 PM	1.3535	1.3538			N/A
1/15/2019	USDSGD	3:30:00 PM	1.3545	1.3546			N/A
1/16/2019	USDSGD	9:30:00 AM	1.354	1.3543			N/A
1/16/2019	USDSGD	11:30:00 AM	1.3545	1.3548			N/A
1/16/2019	USDSGD	1:30:00 PM	1.3554	1.3557			N/A
1/16/2019	USDSGD	3:30:00 PM	1.3555	1.3557			N/A
1/17/2019	USDSGD	9:30:00 AM	1.3569	1.3572			N/A
1/17/2019	USDSGD	11:30:00 AM					N/A
1/17/2019	USDSGD	1:30:00 PM	1.3559	1.3562			N/A
1/17/2019	USDSGD	3:30:00 PM	1.3562	1.3562			N/A
1/18/2019	USDSGD	9:30:00 AM	1.3559	1.3559			N/A
1/18/2019	USDSGD	11:30:00 AM	1.3566	1.3566			N/A
1/18/2019	USDSGD	1:30:00 PM	1.3558	1.3559			N/A
1/18/2019	USDSGD	3:30:00 PM	1.356	1.3563			N/A
1/21/2019	USDSGD	9:30:00 AM	1.3584	1.3588			N/A
1/21/2019	USDSGD	11:30:00 AM					N/A
1/21/2019	USDSGD	1:30:00 PM	1.3595	1.3598			N/A
1/21/2019	USDSGD	3:30:00 PM	1.3604	1.3606			N/A
1/22/2019	USDSGD	9:30:00 AM	1.3611	1.3613			N/A
1/22/2019	USDSGD	11:30:00 AM	1.3606	1.361			N/A
1/22/2019	USDSGD	1:30:00 PM	1.3608	1.3612			N/A
1/22/2019	USDSGD	3:30:00 PM	1.3609	1.3613			N/A
1/23/2019	USDSGD	9:30:00 AM	1.3592	1.3596			N/A
1/23/2019	USDSGD	11:30:00 AM					N/A
1/23/2019	USDSGD	1:30:00 PM	1.3594	1.3597			N/A
1/23/2019	USDSGD	3:30:00 PM	1.3592	1.3594			N/A
1/24/2019	USDSGD	9:30:00 AM	1.3596	1.3599			N/A
1/24/2019	USDSGD	11:30:00 AM	1.3608	1.3611			N/A
1/24/2019	USDSGD	1:30:00 PM	1.3603	1.3606			N/A

1/24/2019	USDSGD	3:30:00 PM	1.3605	1.3608			N/A
1/25/2019	USDSGD	9:30:00 AM	1.3579	1.3582			N/A
1/25/2019	USDSGD	11:30:00 AM					N/A
1/25/2019	USDSGD	1:30:00 PM	1.3564	1.3567			N/A
1/25/2019	USDSGD	3:30:00 PM	1.3564	1.3567			N/A
1/28/2019	USDSGD	9:30:00 AM	1.3526	1.353			N/A
1/28/2019	USDSGD	11:30:00 AM	1.3533	1.3535			N/A
1/28/2019	USDSGD	1:30:00 PM	1.3531	1.3534			N/A
1/28/2019	USDSGD	3:30:00 PM	1.3532	1.3535			N/A
1/29/2019	USDSGD	9:30:00 AM	1.3524	1.3528			N/A
1/29/2019	USDSGD	11:30:00 AM					N/A
1/29/2019	USDSGD	1:30:00 PM	1.3522	1.3525			N/A
1/29/2019	USDSGD	3:30:00 PM	1.352	1.3522			N/A
1/30/2019	USDSGD	9:30:00 AM	1.3513	1.3516			N/A
1/30/2019	USDSGD	11:30:00 AM	1.3509	1.3512			N/A
1/30/2019	USDSGD	1:30:00 PM	1.3505	1.3509			N/A
1/30/2019	USDSGD	3:30:00 PM	1.3511	1.3514			N/A
1/31/2019	USDSGD	9:30:00 AM	1.3445	1.3448			N/A
1/31/2019	USDSGD	11:30:00 AM					N/A
1/31/2019	USDSGD	1:30:00 PM	1.3455	1.3458			N/A
1/31/2019	USDSGD	3:30:00 PM	1.3451	1.3451			N/A
2/1/2019	USDSGD	9:30:00 AM	1.349	1.3493			N/A
2/1/2019	USDSGD	11:30:00 AM	1.3486	1.349			N/A
2/1/2019	USDSGD	1:30:00 PM	1.3482	1.3484			N/A
2/1/2019	USDSGD	3:30:00 PM	1.349	1.3486			N/A
2/4/2019	USDSGD	9:30:00 AM	1.3529	1.3529			N/A
2/4/2019	USDSGD	11:30:00 AM					N/A
2/4/2019	USDSGD	1:30:00 PM	1.3526	1.3529			N/A
2/4/2019	USDSGD	3:30:00 PM	1.3528	1.3532			N/A
2/5/2019	USDSGD	9:30:00 AM	1.3512	1.3515			N/A
2/5/2019	USDSGD	11:30:00 AM	1.3526	1.3529			N/A
2/5/2019	USDSGD	1:30:00 PM	1.3525	1.3529			N/A
2/5/2019	USDSGD	3:30:00 PM	1.3518	1.3521			N/A
2/6/2019	USDSGD	9:30:00 AM	1.354	1.3543			N/A
2/6/2019	USDSGD	11:30:00 AM					N/A
2/6/2019	USDSGD	1:30:00 PM	1.3538	1.3539			N/A
2/6/2019	USDSGD	3:30:00 PM	1.3537	1.3539			N/A
2/7/2019	USDSGD	9:30:00 AM	1.3551	1.3555			N/A
2/7/2019	USDSGD	11:30:00 AM	1.3562	1.3566			N/A
2/7/2019	USDSGD	1:30:00 PM	1.3567	1.357			N/A
2/7/2019	USDSGD	3:30:00 PM	1.3563	1.3567			N/A
2/8/2019	USDSGD	9:30:00 AM	1.3562	1.3565			N/A
2/8/2019	USDSGD	11:30:00 AM					N/A
2/8/2019	USDSGD	1:30:00 PM	1.3556	1.3559			N/A
2/8/2019	USDSGD	3:30:00 PM	1.3548	1.3551			N/A
2/11/2019	USDSGD	9:30:00 AM	1.3562	1.3566			N/A
2/11/2019	USDSGD	11:30:00 AM	1.3577	1.358			N/A
2/11/2019	USDSGD	1:30:00 PM	1.3579	1.3582			N/A
2/11/2019	USDSGD	3:30:00 PM	1.3585	1.3589			N/A
2/12/2019	USDSGD	9:30:00 AM	1.3584	1.3587			N/A

2/12/2019	USDSGD	11:30:00 AM					N/A
2/12/2019	USDSGD	1:30:00 PM	1.3577	1.358			N/A
2/12/2019	USDSGD	3:30:00 PM	1.3574	1.3577			N/A
2/13/2019	USDSGD	9:30:00 AM	1.3551	1.3555			N/A
2/13/2019	USDSGD	11:30:00 AM	1.3556	1.3559			N/A
2/13/2019	USDSGD	1:30:00 PM	1.3559	1.3561			N/A
2/13/2019	USDSGD	3:30:00 PM	1.357	1.3572			N/A
2/14/2019	USDSGD	9:30:00 AM	1.3565	1.3567			N/A
2/14/2019	USDSGD	11:30:00 AM					N/A
2/14/2019	USDSGD	1:30:00 PM	1.3583	1.3587			N/A
2/14/2019	USDSGD	3:30:00 PM	1.3582	1.3583			N/A
2/15/2019	USDSGD	9:30:00 AM					N/A
2/15/2019	USDSGD	11:30:00 AM					N/A
2/15/2019	USDSGD	1:30:00 PM					N/A
2/15/2019	USDSGD	3:30:00 PM					N/A
2/18/2019	USDSGD	9:30:00 AM	1.3553	1.3556			N/A
2/18/2019	USDSGD	11:30:00 AM					N/A
2/18/2019	USDSGD	1:30:00 PM	1.3554	1.3557			N/A
2/18/2019	USDSGD	3:30:00 PM	1.3557	1.356			N/A
2/19/2019	USDSGD	9:30:00 AM	1.357	1.3572			N/A
2/19/2019	USDSGD	11:30:00 AM	1.3567	1.3569			N/A
2/19/2019	USDSGD	1:30:00 PM	1.3568	1.357			N/A
2/19/2019	USDSGD	3:30:00 PM	1.3565	1.3568			N/A
2/20/2019	USDSGD	9:30:00 AM	1.3525	1.3527			N/A
2/20/2019	USDSGD	11:30:00 AM					N/A
2/20/2019	USDSGD	1:30:00 PM	1.3518	1.3522			N/A
2/20/2019	USDSGD	3:30:00 PM	1.3518	1.3521			N/A
2/21/2019	USDSGD	9:30:00 AM	1.3523	1.3523			N/A
2/21/2019	USDSGD	11:30:00 AM	1.3531	1.3533			N/A
2/21/2019	USDSGD	1:30:00 PM	1.3528	1.3531			N/A
2/21/2019	USDSGD	3:30:00 PM	1.352	1.3518			N/A
2/22/2019	USDSGD	9:30:00 AM	1.3527	1.353			N/A
2/22/2019	USDSGD	11:30:00 AM					N/A
2/22/2019	USDSGD	1:30:00 PM	1.3523	1.3526			N/A
2/22/2019	USDSGD	3:30:00 PM	1.3521	1.3524			N/A
2/25/2019	USDSGD	9:30:00 AM	1.3505	1.3508			N/A
2/25/2019	USDSGD	11:30:00 AM	1.3498	1.3499			N/A
2/25/2019	USDSGD	1:30:00 PM	1.3487	1.3488			N/A
2/25/2019	USDSGD	3:30:00 PM	1.3496	1.3499			N/A
2/26/2019	USDSGD	9:30:00 AM	1.3495	1.3496			N/A
2/26/2019	USDSGD	11:30:00 AM					N/A
2/26/2019	USDSGD	1:30:00 PM	1.3495	1.3499			N/A
2/26/2019	USDSGD	3:30:00 PM	1.3494	1.3494			N/A
2/27/2019	USDSGD	9:30:00 AM	1.3479	1.3482			N/A
2/27/2019	USDSGD	11:30:00 AM	1.3472	1.3476			N/A
2/27/2019	USDSGD	1:30:00 PM	1.3474	1.3478			N/A
2/27/2019	USDSGD	3:30:00 PM	1.3477	1.348			N/A
2/28/2019	USDSGD	9:30:00 AM	1.3489	1.3492			N/A
2/28/2019	USDSGD	11:30:00 AM					N/A
2/28/2019	USDSGD	1:30:00 PM	1.3482	1.3485			N/A

2/28/2019	USDSGD	3:30:00 PM	1.3489	1.3487			N/A
3/1/2019	USDSGD	9:30:00 AM	1.3524	1.3528			N/A
3/1/2019	USDSGD	11:30:00 AM	1.3527	1.3527			N/A
3/1/2019	USDSGD	1:30:00 PM	1.3523	1.3527			N/A
3/1/2019	USDSGD	3:30:00 PM	1.3527	1.3531			N/A
3/4/2019	USDSGD	9:30:00 AM	1.3535	1.3536			N/A
3/4/2019	USDSGD	11:30:00 AM					N/A
3/4/2019	USDSGD	1:30:00 PM	1.3547	1.3549			N/A
3/4/2019	USDSGD	3:30:00 PM	1.3543	1.3546			N/A
3/5/2019	USDSGD	9:30:00 AM	1.3548	1.3551			N/A
3/5/2019	USDSGD	11:30:00 AM	1.3546	1.355			N/A
3/5/2019	USDSGD	1:30:00 PM	1.355	1.3554			N/A
3/5/2019	USDSGD	3:30:00 PM	1.3557	1.356			N/A
3/6/2019	USDSGD	9:30:00 AM	1.3572	1.3574			N/A
3/6/2019	USDSGD	11:30:00 AM					N/A
3/6/2019	USDSGD	1:30:00 PM	1.3575	1.3578			N/A
3/6/2019	USDSGD	3:30:00 PM	1.3581	1.3581			N/A
3/7/2019	USDSGD	9:30:00 AM	1.3568	1.3571			N/A
3/7/2019	USDSGD	11:30:00 AM	1.357	1.3574			N/A
3/7/2019	USDSGD	1:30:00 PM	1.3569	1.3573			N/A
3/7/2019	USDSGD	3:30:00 PM	1.3581	1.3584			N/A
3/8/2019	USDSGD	9:30:00 AM	1.3597	1.3601			N/A
3/8/2019	USDSGD	11:30:00 AM					N/A
3/8/2019	USDSGD	1:30:00 PM	1.3598	1.36			N/A
3/8/2019	USDSGD	3:30:00 PM	1.3593	1.3583			N/A
3/11/2019	USDSGD	9:30:00 AM	1.3586	1.3589			N/A
3/11/2019	USDSGD	11:30:00 AM	1.3587	1.3589			N/A
3/11/2019	USDSGD	1:30:00 PM	1.3594	1.3597			N/A
3/11/2019	USDSGD	3:30:00 PM	1.3583	1.3586			N/A
3/12/2019	USDSGD	9:30:00 AM	1.3563	1.3567			N/A
3/12/2019	USDSGD	11:30:00 AM					N/A
3/12/2019	USDSGD	1:30:00 PM	1.3571	1.3572			N/A
3/12/2019	USDSGD	3:30:00 PM	1.3559	1.356			N/A
3/13/2019	USDSGD	9:30:00 AM	1.3565	1.3568			N/A
3/13/2019	USDSGD	11:30:00 AM	1.3554	1.3558			N/A
3/13/2019	USDSGD	1:30:00 PM	1.3559	1.3559			N/A
3/13/2019	USDSGD	3:30:00 PM	1.3557	1.356			N/A
3/14/2019	USDSGD	9:30:00 AM	1.3547	1.355			N/A
3/14/2019	USDSGD	11:30:00 AM					N/A
3/14/2019	USDSGD	1:30:00 PM	1.3562	1.3565			N/A
3/14/2019	USDSGD	3:30:00 PM	1.3562	1.3564			N/A
3/15/2019	USDSGD	9:30:00 AM	1.3542	1.3544			N/A
3/15/2019	USDSGD	11:30:00 AM	1.3541	1.3544			N/A
3/15/2019	USDSGD	1:30:00 PM	1.3539	1.3542			N/A
3/15/2019	USDSGD	3:30:00 PM	1.3536	1.3538			N/A
3/18/2019	USDSGD	9:30:00 AM	1.3512	1.3515			N/A
3/18/2019	USDSGD	11:30:00 AM					N/A
3/18/2019	USDSGD	1:30:00 PM	1.3511	1.3511			N/A
3/18/2019	USDSGD	3:30:00 PM	1.3514	1.3517			N/A
3/19/2019	USDSGD	9:30:00 AM	1.351	1.3513			N/A

3/19/2019	USDSGD	11:30:00 AM	1.3507	1.3511			N/A
3/19/2019	USDSGD	1:30:00 PM	1.3506	1.3508			N/A
3/19/2019	USDSGD	3:30:00 PM	1.3509	1.3511			N/A
3/20/2019	USDSGD	9:30:00 AM	1.3516	1.3519			N/A
3/20/2019	USDSGD	11:30:00 AM					N/A
3/20/2019	USDSGD	1:30:00 PM	1.3504	1.3508			N/A
3/20/2019	USDSGD	3:30:00 PM	1.3502	1.3506			N/A
3/21/2019	USDSGD	9:30:00 AM	1.3461	1.3463			N/A
3/21/2019	USDSGD	11:30:00 AM	1.3473	1.3475			N/A
3/21/2019	USDSGD	1:30:00 PM	1.3481	1.3484			N/A
3/21/2019	USDSGD	3:30:00 PM	1.3477	1.3481			N/A
3/22/2019	USDSGD	9:30:00 AM	1.3487	1.349			N/A
3/22/2019	USDSGD	11:30:00 AM					N/A
3/22/2019	USDSGD	1:30:00 PM	1.3509	1.3511			N/A
3/22/2019	USDSGD	3:30:00 PM	1.3505	1.3509			N/A
3/25/2019	USDSGD	9:30:00 AM	1.3512	1.3516			N/A
3/25/2019	USDSGD	11:30:00 AM	1.3508	1.3512			N/A
3/25/2019	USDSGD	1:30:00 PM	1.3509	1.3512			N/A
3/25/2019	USDSGD	3:30:00 PM	1.35	1.3503			N/A
3/26/2019	USDSGD	9:30:00 AM	1.35	1.3502			N/A
3/26/2019	USDSGD	11:30:00 AM					N/A
3/26/2019	USDSGD	1:30:00 PM	1.3502	1.3504			N/A
3/26/2019	USDSGD	3:30:00 PM	1.3509	1.3512			N/A
3/27/2019	USDSGD	9:30:00 AM	1.3541	1.3544			N/A
3/27/2019	USDSGD	11:30:00 AM	1.3536	1.3538			N/A
3/27/2019	USDSGD	1:30:00 PM	1.3538	1.3542			N/A
3/27/2019	USDSGD	3:30:00 PM	1.3546	1.3548			N/A
3/28/2019	USDSGD	9:30:00 AM	1.3542	1.3546			N/A
3/28/2019	USDSGD	11:30:00 AM					N/A
3/28/2019	USDSGD	1:30:00 PM	1.3563	1.3566			N/A
3/28/2019	USDSGD	3:30:00 PM	1.3569	1.3571			N/A
3/29/2019	USDSGD	9:30:00 AM	1.354	1.3544			N/A
3/29/2019	USDSGD	11:30:00 AM	1.3551	1.3555			N/A
3/29/2019	USDSGD	1:30:00 PM	1.3548	1.3551			N/A
3/29/2019	USDSGD	3:30:00 PM	1.3543	1.3547			N/A
1/1/2019	USDZAR	9:30:00 AM					N/A
1/1/2019	USDZAR	11:30:00 AM					N/A
1/1/2019	USDZAR	1:30:00 PM					N/A
1/1/2019	USDZAR	3:30:00 PM					N/A
1/2/2019	USDZAR	9:30:00 AM					N/A
1/2/2019	USDZAR	11:30:00 AM					N/A
1/2/2019	USDZAR	1:30:00 PM					N/A
1/2/2019	USDZAR	3:30:00 PM					N/A
1/3/2019	USDZAR	9:30:00 AM					N/A
1/3/2019	USDZAR	11:30:00 AM					N/A
1/3/2019	USDZAR	1:30:00 PM					N/A
1/3/2019	USDZAR	3:30:00 PM					N/A
1/4/2019	USDZAR	9:30:00 AM					N/A
1/4/2019	USDZAR	11:30:00 AM					N/A
1/4/2019	USDZAR	1:30:00 PM					N/A

1/4/2019	USDZAR	3:30:00 PM					N/A
1/7/2019	USDZAR	9:30:00 AM	13.9422	13.9534			N/A
1/7/2019	USDZAR	11:30:00 AM					N/A
1/7/2019	USDZAR	1:30:00 PM	13.9191	13.9375			N/A
1/7/2019	USDZAR	3:30:00 PM	13.8463	13.8419			N/A
1/8/2019	USDZAR	9:30:00 AM	13.9661	13.9718			N/A
1/8/2019	USDZAR	11:30:00 AM	13.9411	13.9538			N/A
1/8/2019	USDZAR	1:30:00 PM	13.9919	14.0022			N/A
1/8/2019	USDZAR	3:30:00 PM	13.9853	14.0031			N/A
1/9/2019	USDZAR	9:30:00 AM	13.8576	13.8737			N/A
1/9/2019	USDZAR	11:30:00 AM					N/A
1/9/2019	USDZAR	1:30:00 PM	14.003	14.0138			N/A
1/9/2019	USDZAR	3:30:00 PM	13.9562	13.9662			N/A
1/10/2019	USDZAR	9:30:00 AM	13.8724	13.8827			N/A
1/10/2019	USDZAR	11:30:00 AM	13.9309	13.9473			N/A
1/10/2019	USDZAR	1:30:00 PM	13.8695	13.8765			N/A
1/10/2019	USDZAR	3:30:00 PM	13.8499	13.8531			N/A
1/11/2019	USDZAR	9:30:00 AM	13.8244	13.8417			N/A
1/11/2019	USDZAR	11:30:00 AM					N/A
1/11/2019	USDZAR	1:30:00 PM	13.8166	13.8262			N/A
1/11/2019	USDZAR	3:30:00 PM	13.8314	13.837			N/A
1/14/2019	USDZAR	9:30:00 AM	13.9401	13.944			N/A
1/14/2019	USDZAR	11:30:00 AM	13.9051	13.9166			N/A
1/14/2019	USDZAR	1:30:00 PM	13.9059	13.9178			N/A
1/14/2019	USDZAR	3:30:00 PM	13.8668	13.8832			N/A
1/15/2019	USDZAR	9:30:00 AM	13.7878	13.7998			N/A
1/15/2019	USDZAR	11:30:00 AM					N/A
1/15/2019	USDZAR	1:30:00 PM	13.8003	13.8151			N/A
1/15/2019	USDZAR	3:30:00 PM	13.8075	13.8101			N/A
1/16/2019	USDZAR	9:30:00 AM	13.7115	13.7278			N/A
1/16/2019	USDZAR	11:30:00 AM	13.6637	13.6773			N/A
1/16/2019	USDZAR	1:30:00 PM	13.7004	13.7178			N/A
1/16/2019	USDZAR	3:30:00 PM	13.714	13.7265			N/A
1/17/2019	USDZAR	9:30:00 AM	13.7343	13.7453			N/A
1/17/2019	USDZAR	11:30:00 AM					N/A
1/17/2019	USDZAR	1:30:00 PM	13.7069	13.7235			N/A
1/17/2019	USDZAR	3:30:00 PM	13.7775	13.7896			N/A
1/18/2019	USDZAR	9:30:00 AM	13.7345	13.7452			N/A
1/18/2019	USDZAR	11:30:00 AM	13.7944	13.8124			N/A
1/18/2019	USDZAR	1:30:00 PM	13.803	13.822			N/A
1/18/2019	USDZAR	3:30:00 PM	13.7674	13.7832			N/A
1/21/2019	USDZAR	9:30:00 AM	13.8467	13.8643			N/A
1/21/2019	USDZAR	11:30:00 AM					N/A
1/21/2019	USDZAR	1:30:00 PM	13.8554	13.8725			N/A
1/21/2019	USDZAR	3:30:00 PM	13.8571	13.8682			N/A
1/22/2019	USDZAR	9:30:00 AM	13.9055	13.9129			N/A
1/22/2019	USDZAR	11:30:00 AM	13.9038	13.9209			N/A
1/22/2019	USDZAR	1:30:00 PM	13.923	13.9371			N/A
1/22/2019	USDZAR	3:30:00 PM	13.8774	13.8925			N/A
1/23/2019	USDZAR	9:30:00 AM	13.9183	13.9321			N/A

1/23/2019	USDZAR	11:30:00 AM					N/A
1/23/2019	USDZAR	1:30:00 PM	13.8478	13.8631			N/A
1/23/2019	USDZAR	3:30:00 PM	13.8665	13.8815			N/A
1/24/2019	USDZAR	9:30:00 AM	13.8146	13.8311			N/A
1/24/2019	USDZAR	11:30:00 AM	13.8	13.8129			N/A
1/24/2019	USDZAR	1:30:00 PM	13.8211	13.8351			N/A
1/24/2019	USDZAR	3:30:00 PM	13.7956	13.8128			N/A
1/25/2019	USDZAR	9:30:00 AM	13.6712	13.6765			N/A
1/25/2019	USDZAR	11:30:00 AM					N/A
1/25/2019	USDZAR	1:30:00 PM	13.691	13.7074			N/A
1/25/2019	USDZAR	3:30:00 PM	13.6398	13.6534			N/A
1/28/2019	USDZAR	9:30:00 AM	13.6193	13.62			N/A
1/28/2019	USDZAR	11:30:00 AM	13.6231	13.6392			N/A
1/28/2019	USDZAR	1:30:00 PM	13.6255	13.6388			N/A
1/28/2019	USDZAR	3:30:00 PM	13.6599	13.6713			N/A
1/29/2019	USDZAR	9:30:00 AM	13.677	13.6848			N/A
1/29/2019	USDZAR	11:30:00 AM					N/A
1/29/2019	USDZAR	1:30:00 PM	13.6437	13.6616			N/A
1/29/2019	USDZAR	3:30:00 PM	13.6137	13.6306			N/A
1/30/2019	USDZAR	9:30:00 AM	13.5839	13.598			N/A
1/30/2019	USDZAR	11:30:00 AM	13.5872	13.5985			N/A
1/30/2019	USDZAR	1:30:00 PM	13.5932	13.6082			N/A
1/30/2019	USDZAR	3:30:00 PM	13.6179	13.6268			N/A
1/31/2019	USDZAR	9:30:00 AM	13.3454	13.36			N/A
1/31/2019	USDZAR	11:30:00 AM					N/A
1/31/2019	USDZAR	1:30:00 PM	13.3172	13.3259			N/A
1/31/2019	USDZAR	3:30:00 PM	13.2606	13.2651			N/A
2/1/2019	USDZAR	9:30:00 AM	13.3276	13.3461			N/A
2/1/2019	USDZAR	11:30:00 AM	13.2856	13.2939			N/A
2/1/2019	USDZAR	1:30:00 PM	13.2671	13.2826			N/A
2/1/2019	USDZAR	3:30:00 PM	13.3405	13.311			N/A
2/4/2019	USDZAR	9:30:00 AM	13.355	13.3686			N/A
2/4/2019	USDZAR	11:30:00 AM					N/A
2/4/2019	USDZAR	1:30:00 PM	13.3647	13.382			N/A
2/4/2019	USDZAR	3:30:00 PM	13.3958	13.4089			N/A
2/5/2019	USDZAR	9:30:00 AM	13.3966	13.4119			N/A
2/5/2019	USDZAR	11:30:00 AM	13.3589	13.3729			N/A
2/5/2019	USDZAR	1:30:00 PM	13.3766	13.3898			N/A
2/5/2019	USDZAR	3:30:00 PM	13.3627	13.3706			N/A
2/6/2019	USDZAR	9:30:00 AM	13.4485	13.4625			N/A
2/6/2019	USDZAR	11:30:00 AM					N/A
2/6/2019	USDZAR	1:30:00 PM	13.4667	13.4855			N/A
2/6/2019	USDZAR	3:30:00 PM	13.464	13.482			N/A
2/7/2019	USDZAR	9:30:00 AM	13.5632	13.5787			N/A
2/7/2019	USDZAR	11:30:00 AM	13.5791	13.5968			N/A
2/7/2019	USDZAR	1:30:00 PM	13.615	13.6312			N/A
2/7/2019	USDZAR	3:30:00 PM	13.6113	13.6176			N/A
2/8/2019	USDZAR	9:30:00 AM	13.6721	13.6871			N/A
2/8/2019	USDZAR	11:30:00 AM					N/A
2/8/2019	USDZAR	1:30:00 PM	13.6178	13.6365			N/A

2/8/2019	USDZAR	3:30:00 PM	13.5992	13.6077			N/A
2/11/2019	USDZAR	9:30:00 AM	13.5956	13.6125			N/A
2/11/2019	USDZAR	11:30:00 AM	13.6383	13.6474			N/A
2/11/2019	USDZAR	1:30:00 PM	13.725	13.7377			N/A
2/11/2019	USDZAR	3:30:00 PM	13.7371	13.7479			N/A
2/12/2019	USDZAR	9:30:00 AM	13.7643	13.7764			N/A
2/12/2019	USDZAR	11:30:00 AM					N/A
2/12/2019	USDZAR	1:30:00 PM	13.7785	13.7932			N/A
2/12/2019	USDZAR	3:30:00 PM	13.752	13.7687			N/A
2/13/2019	USDZAR	9:30:00 AM	13.7312	13.7507			N/A
2/13/2019	USDZAR	11:30:00 AM	13.7954	13.8086			N/A
2/13/2019	USDZAR	1:30:00 PM	13.8825	13.8942			N/A
2/13/2019	USDZAR	3:30:00 PM	13.8828	13.8869			N/A
2/14/2019	USDZAR	9:30:00 AM	13.9646	13.977			N/A
2/14/2019	USDZAR	11:30:00 AM					N/A
2/14/2019	USDZAR	1:30:00 PM	14.0913	14.1084			N/A
2/14/2019	USDZAR	3:30:00 PM	14.1605	14.1633			N/A
2/15/2019	USDZAR	9:30:00 AM					N/A
2/15/2019	USDZAR	11:30:00 AM					N/A
2/15/2019	USDZAR	1:30:00 PM					N/A
2/15/2019	USDZAR	3:30:00 PM					N/A
2/18/2019	USDZAR	9:30:00 AM	14.0477	14.0535			N/A
2/18/2019	USDZAR	11:30:00 AM					N/A
2/18/2019	USDZAR	1:30:00 PM	14.064	14.0826			N/A
2/18/2019	USDZAR	3:30:00 PM	14.0959	14.1133			N/A
2/19/2019	USDZAR	9:30:00 AM	14.1315	14.1464			N/A
2/19/2019	USDZAR	11:30:00 AM	14.1893	14.2028			N/A
2/19/2019	USDZAR	1:30:00 PM	14.1708	14.1872			N/A
2/19/2019	USDZAR	3:30:00 PM	14.1635	14.179			N/A
2/20/2019	USDZAR	9:30:00 AM	14.0891	14.1028			N/A
2/20/2019	USDZAR	11:30:00 AM					N/A
2/20/2019	USDZAR	1:30:00 PM	14.1378	14.1452			N/A
2/20/2019	USDZAR	3:30:00 PM	14.114	14.1226			N/A
2/21/2019	USDZAR	9:30:00 AM	13.9564	13.9618			N/A
2/21/2019	USDZAR	11:30:00 AM	13.9319	13.9365			N/A
2/21/2019	USDZAR	1:30:00 PM	13.9094	13.917			N/A
2/21/2019	USDZAR	3:30:00 PM	13.97	13.9673			N/A
2/22/2019	USDZAR	9:30:00 AM	13.9549	13.9714			N/A
2/22/2019	USDZAR	11:30:00 AM					N/A
2/22/2019	USDZAR	1:30:00 PM	13.9929	14.0094			N/A
2/22/2019	USDZAR	3:30:00 PM	13.9822	13.9964			N/A
2/25/2019	USDZAR	9:30:00 AM	13.9043	13.9215			N/A
2/25/2019	USDZAR	11:30:00 AM	13.8682	13.8847			N/A
2/25/2019	USDZAR	1:30:00 PM	13.85	13.8621			N/A
2/25/2019	USDZAR	3:30:00 PM	13.8725	13.8909			N/A
2/26/2019	USDZAR	9:30:00 AM	13.8557	13.864			N/A
2/26/2019	USDZAR	11:30:00 AM					N/A
2/26/2019	USDZAR	1:30:00 PM	13.8576	13.8722			N/A
2/26/2019	USDZAR	3:30:00 PM	13.8545	13.8668			N/A
2/27/2019	USDZAR	9:30:00 AM	13.8571	13.8621			N/A

2/27/2019	USDZAR	11:30:00 AM	13.8446	13.8567			N/A
2/27/2019	USDZAR	1:30:00 PM	13.8495	13.8671			N/A
2/27/2019	USDZAR	3:30:00 PM	13.8602	13.8791			N/A
2/28/2019	USDZAR	9:30:00 AM	13.9503	13.9664			N/A
2/28/2019	USDZAR	11:30:00 AM					N/A
2/28/2019	USDZAR	1:30:00 PM	13.9403	13.9586			N/A
2/28/2019	USDZAR	3:30:00 PM	13.9669	13.9702			N/A
3/1/2019	USDZAR	9:30:00 AM	14.0798	14.0972			N/A
3/1/2019	USDZAR	11:30:00 AM	14.1263	14.1413			N/A
3/1/2019	USDZAR	1:30:00 PM	14.096	14.1097			N/A
3/1/2019	USDZAR	3:30:00 PM	14.1712	14.1739			N/A
3/4/2019	USDZAR	9:30:00 AM	14.1532	14.169			N/A
3/4/2019	USDZAR	11:30:00 AM					N/A
3/4/2019	USDZAR	1:30:00 PM	14.2357	14.2515			N/A
3/4/2019	USDZAR	3:30:00 PM	14.2041	14.2112			N/A
3/5/2019	USDZAR	9:30:00 AM	14.2023	14.217			N/A
3/5/2019	USDZAR	11:30:00 AM	14.1666	14.1547			N/A
3/5/2019	USDZAR	1:30:00 PM	14.1332	14.1475			N/A
3/5/2019	USDZAR	3:30:00 PM	14.1661	14.1801			N/A
3/6/2019	USDZAR	9:30:00 AM	14.2137	14.231			N/A
3/6/2019	USDZAR	11:30:00 AM					N/A
3/6/2019	USDZAR	1:30:00 PM	14.1991	14.2152			N/A
3/6/2019	USDZAR	3:30:00 PM	14.2038	14.2144			N/A
3/7/2019	USDZAR	9:30:00 AM	14.2311	14.2482			N/A
3/7/2019	USDZAR	11:30:00 AM	14.301	14.3103			N/A
3/7/2019	USDZAR	1:30:00 PM	14.3287	14.3406			N/A
3/7/2019	USDZAR	3:30:00 PM	14.3351	14.3441			N/A
3/8/2019	USDZAR	9:30:00 AM	14.5645	14.5728			N/A
3/8/2019	USDZAR	11:30:00 AM					N/A
3/8/2019	USDZAR	1:30:00 PM	14.5301	14.5288			N/A
3/8/2019	USDZAR	3:30:00 PM	14.5252	14.5062			N/A
3/11/2019	USDZAR	9:30:00 AM	14.415	14.4266			N/A
3/11/2019	USDZAR	11:30:00 AM	14.3656	14.3773			N/A
3/11/2019	USDZAR	1:30:00 PM	14.3815	14.3991			N/A
3/11/2019	USDZAR	3:30:00 PM	14.3487	14.3578			N/A
3/12/2019	USDZAR	9:30:00 AM	14.3035	14.3168			N/A
3/12/2019	USDZAR	11:30:00 AM					N/A
3/12/2019	USDZAR	1:30:00 PM	14.2802	14.2968			N/A
3/12/2019	USDZAR	3:30:00 PM	14.2792	14.2853			N/A
3/13/2019	USDZAR	9:30:00 AM	14.3578	14.3717			N/A
3/13/2019	USDZAR	11:30:00 AM	14.334	14.3463			N/A
3/13/2019	USDZAR	1:30:00 PM	14.3338	14.3486			N/A
3/13/2019	USDZAR	3:30:00 PM	14.3227	14.3404			N/A
3/14/2019	USDZAR	9:30:00 AM	14.4351	14.4522			N/A
3/14/2019	USDZAR	11:30:00 AM					N/A
3/14/2019	USDZAR	1:30:00 PM	14.4468	14.4588			N/A
3/14/2019	USDZAR	3:30:00 PM	14.4822	14.4961			N/A
3/15/2019	USDZAR	9:30:00 AM	14.4548	14.471			N/A
3/15/2019	USDZAR	11:30:00 AM	14.4433	14.4579			N/A
3/15/2019	USDZAR	1:30:00 PM	14.4387	14.4472			N/A

3/15/2019	USDZAR	3:30:00 PM	14.4288	14.436			N/A
3/18/2019	USDZAR	9:30:00 AM	14.4207	14.4302			N/A
3/18/2019	USDZAR	11:30:00 AM					N/A
3/18/2019	USDZAR	1:30:00 PM	14.4034	14.4187			N/A
3/18/2019	USDZAR	3:30:00 PM	14.3889	14.4051			N/A
3/19/2019	USDZAR	9:30:00 AM	14.4478	14.4615			N/A
3/19/2019	USDZAR	11:30:00 AM	14.373	14.3887			N/A
3/19/2019	USDZAR	1:30:00 PM	14.3784	14.392			N/A
3/19/2019	USDZAR	3:30:00 PM	14.4283	14.4354			N/A
3/20/2019	USDZAR	9:30:00 AM	14.4754	14.4933			N/A
3/20/2019	USDZAR	11:30:00 AM					N/A
3/20/2019	USDZAR	1:30:00 PM	14.4633	14.4775			N/A
3/20/2019	USDZAR	3:30:00 PM	14.4002	14.4149			N/A
3/21/2019	USDZAR	9:30:00 AM	14.1539	14.1615			N/A
3/21/2019	USDZAR	11:30:00 AM	14.1812	14.1979			N/A
3/21/2019	USDZAR	1:30:00 PM	14.2142	14.2271			N/A
3/21/2019	USDZAR	3:30:00 PM	14.1888	14.1985			N/A
3/22/2019	USDZAR	9:30:00 AM	14.211	14.2255			N/A
3/22/2019	USDZAR	11:30:00 AM					N/A
3/22/2019	USDZAR	1:30:00 PM	14.3717	14.3846			N/A
3/22/2019	USDZAR	3:30:00 PM	14.3788	14.3916			N/A
3/25/2019	USDZAR	9:30:00 AM	14.4937	14.488			N/A
3/25/2019	USDZAR	11:30:00 AM	14.4172	14.4312			N/A
3/25/2019	USDZAR	1:30:00 PM	14.4568	14.46			N/A
3/25/2019	USDZAR	3:30:00 PM	14.4028	14.4109			N/A
3/26/2019	USDZAR	9:30:00 AM	14.346	14.3561			N/A
3/26/2019	USDZAR	11:30:00 AM					N/A
3/26/2019	USDZAR	1:30:00 PM	14.3599	14.3738			N/A
3/26/2019	USDZAR	3:30:00 PM	14.3876	14.3965			N/A
3/27/2019	USDZAR	9:30:00 AM	14.4882	14.4979			N/A
3/27/2019	USDZAR	11:30:00 AM	14.4631	14.477			N/A
3/27/2019	USDZAR	1:30:00 PM	14.6238	14.6209			N/A
3/27/2019	USDZAR	3:30:00 PM	14.5975	14.602			N/A
3/28/2019	USDZAR	9:30:00 AM	14.592	14.6075			N/A
3/28/2019	USDZAR	11:30:00 AM					N/A
3/28/2019	USDZAR	1:30:00 PM	14.7145	14.7186			N/A
3/28/2019	USDZAR	3:30:00 PM	14.6777	14.6865			N/A
3/29/2019	USDZAR	9:30:00 AM	14.5603	14.5755			N/A
3/29/2019	USDZAR	11:30:00 AM	14.5435	14.5623			N/A
3/29/2019	USDZAR	1:30:00 PM	14.4879	14.5076			N/A
3/29/2019	USDZAR	3:30:00 PM	14.4757	14.4877			N/A
1/1/2019	XAUUSD	9:30:00 AM					N/A
1/1/2019	XAUUSD	11:30:00 AM					N/A
1/1/2019	XAUUSD	1:30:00 PM					N/A
1/1/2019	XAUUSD	3:30:00 PM					N/A
1/2/2019	XAUUSD	9:30:00 AM					N/A
1/2/2019	XAUUSD	11:30:00 AM					N/A
1/2/2019	XAUUSD	1:30:00 PM					N/A
1/2/2019	XAUUSD	3:30:00 PM					N/A
1/3/2019	XAUUSD	9:30:00 AM					N/A

1/3/2019	XAUUSD	11:30:00 AM					N/A
1/3/2019	XAUUSD	1:30:00 PM					N/A
1/3/2019	XAUUSD	3:30:00 PM					N/A
1/4/2019	XAUUSD	9:30:00 AM					N/A
1/4/2019	XAUUSD	11:30:00 AM					N/A
1/4/2019	XAUUSD	1:30:00 PM					N/A
1/4/2019	XAUUSD	3:30:00 PM					N/A
1/7/2019	XAUUSD	9:30:00 AM	1290.01	1290.14			N/A
1/7/2019	XAUUSD	11:30:00 AM					N/A
1/7/2019	XAUUSD	1:30:00 PM	1291.14	1291.24			N/A
1/7/2019	XAUUSD	3:30:00 PM	1293.97	1294.09			N/A
1/8/2019	XAUUSD	9:30:00 AM	1282.15	1282.37			N/A
1/8/2019	XAUUSD	11:30:00 AM	1283.71	1283.91			N/A
1/8/2019	XAUUSD	1:30:00 PM	1283.21	1283.47			N/A
1/8/2019	XAUUSD	3:30:00 PM	1281.2	1280.92			N/A
1/9/2019	XAUUSD	9:30:00 AM	1282.45	1282.57			N/A
1/9/2019	XAUUSD	11:30:00 AM					N/A
1/9/2019	XAUUSD	1:30:00 PM	1280.73	1280.72			N/A
1/9/2019	XAUUSD	3:30:00 PM	1284.33	1284.47			N/A
1/10/2019	XAUUSD	9:30:00 AM	1295.69	1295.88			N/A
1/10/2019	XAUUSD	11:30:00 AM	1293.17	1293.04			N/A
1/10/2019	XAUUSD	1:30:00 PM	1293.66	1293.85			N/A
1/10/2019	XAUUSD	3:30:00 PM	1292.48	1292.24			N/A
1/11/2019	XAUUSD	9:30:00 AM	1294.32	1294.49			N/A
1/11/2019	XAUUSD	11:30:00 AM					N/A
1/11/2019	XAUUSD	1:30:00 PM	1292.35	1292.16			N/A
1/11/2019	XAUUSD	3:30:00 PM	1292.99	1292.08			N/A
1/14/2019	XAUUSD	9:30:00 AM	1291.27	1291.21			N/A
1/14/2019	XAUUSD	11:30:00 AM	1293.63	1293.78			N/A
1/14/2019	XAUUSD	1:30:00 PM	1295.04	1295.09			N/A
1/14/2019	XAUUSD	3:30:00 PM	1293.72	1293.93			N/A
1/15/2019	XAUUSD	9:30:00 AM	1290.96	1290.92			N/A
1/15/2019	XAUUSD	11:30:00 AM					N/A
1/15/2019	XAUUSD	1:30:00 PM	1289.34	1289.63			N/A
1/15/2019	XAUUSD	3:30:00 PM	1289.44	1288.79			N/A
1/16/2019	XAUUSD	9:30:00 AM	1291.27	1291.32			N/A
1/16/2019	XAUUSD	11:30:00 AM	1290.06	1290.26			N/A
1/16/2019	XAUUSD	1:30:00 PM	1289.03	1289.21			N/A
1/16/2019	XAUUSD	3:30:00 PM	1290.6	1290.63			N/A
1/17/2019	XAUUSD	9:30:00 AM	1291.92	1292			N/A
1/17/2019	XAUUSD	11:30:00 AM					N/A
1/17/2019	XAUUSD	1:30:00 PM	1294.48	1294.75			N/A
1/17/2019	XAUUSD	3:30:00 PM	1293.49	1291.95			N/A
1/18/2019	XAUUSD	9:30:00 AM	1290.42	1290.63			N/A
1/18/2019	XAUUSD	11:30:00 AM	1284.73	1283.92			N/A
1/18/2019	XAUUSD	1:30:00 PM	1285.4	1285.69			N/A
1/18/2019	XAUUSD	3:30:00 PM	1282.28	1281.5			N/A
1/21/2019	XAUUSD	9:30:00 AM	1282.98	1283.17			N/A
1/21/2019	XAUUSD	11:30:00 AM					N/A
1/21/2019	XAUUSD	1:30:00 PM	1278.45	1278.73			N/A

1/21/2019	XAUUSD	3:30:00 PM	1277.19	1277.28			N/A
1/22/2019	XAUUSD	9:30:00 AM	1280.86	1280.87			N/A
1/22/2019	XAUUSD	11:30:00 AM	1284.14	1284.42			N/A
1/22/2019	XAUUSD	1:30:00 PM	1283.39	1283.63			N/A
1/22/2019	XAUUSD	3:30:00 PM	1282.64	1282.61			N/A
1/23/2019	XAUUSD	9:30:00 AM	1284.6	1284.74			N/A
1/23/2019	XAUUSD	11:30:00 AM					N/A
1/23/2019	XAUUSD	1:30:00 PM	1285.3	1285.43			N/A
1/23/2019	XAUUSD	3:30:00 PM	1282.18	1282.16			N/A
1/24/2019	XAUUSD	9:30:00 AM	1280.64	1280.9			N/A
1/24/2019	XAUUSD	11:30:00 AM	1279.09	1279.24			N/A
1/24/2019	XAUUSD	1:30:00 PM	1279.48	1279.69			N/A
1/24/2019	XAUUSD	3:30:00 PM	1278.28	1277.84			N/A
1/25/2019	XAUUSD	9:30:00 AM	1283.84	1283.99			N/A
1/25/2019	XAUUSD	11:30:00 AM					N/A
1/25/2019	XAUUSD	1:30:00 PM	1284.45	1284.64			N/A
1/25/2019	XAUUSD	3:30:00 PM	1285.43	1285.15			N/A
1/28/2019	XAUUSD	9:30:00 AM	1302.17	1302.25			N/A
1/28/2019	XAUUSD	11:30:00 AM	1300.52	1300.69			N/A
1/28/2019	XAUUSD	1:30:00 PM	1300.75	1301.03			N/A
1/28/2019	XAUUSD	3:30:00 PM	1299.93	1299.86			N/A
1/29/2019	XAUUSD	9:30:00 AM	1306.9	1307.03			N/A
1/29/2019	XAUUSD	11:30:00 AM					N/A
1/29/2019	XAUUSD	1:30:00 PM	1307.11	1307.41			N/A
1/29/2019	XAUUSD	3:30:00 PM	1308.63	1308.81			N/A
1/30/2019	XAUUSD	9:30:00 AM	1314.36	1314.63			N/A
1/30/2019	XAUUSD	11:30:00 AM	1313.66	1313.92			N/A
1/30/2019	XAUUSD	1:30:00 PM	1313.21	1313.44			N/A
1/30/2019	XAUUSD	3:30:00 PM	1311.18	1310.82			N/A
1/31/2019	XAUUSD	9:30:00 AM	1321.57	1321.7			N/A
1/31/2019	XAUUSD	11:30:00 AM					N/A
1/31/2019	XAUUSD	1:30:00 PM	1322.55	1322.8			N/A
1/31/2019	XAUUSD	3:30:00 PM	1324.41	1323.47			N/A
2/1/2019	XAUUSD	9:30:00 AM	1316.79	1317.07			N/A
2/1/2019	XAUUSD	11:30:00 AM	1319.07	1319.34			N/A
2/1/2019	XAUUSD	1:30:00 PM	1321.82	1321.94			N/A
2/1/2019	XAUUSD	3:30:00 PM	1321.26	1318.11			N/A
2/4/2019	XAUUSD	9:30:00 AM	1313.12	1313.34			N/A
2/4/2019	XAUUSD	11:30:00 AM					N/A
2/4/2019	XAUUSD	1:30:00 PM	1310.9	1311.1			N/A
2/4/2019	XAUUSD	3:30:00 PM	1311.8	1311.85			N/A
2/5/2019	XAUUSD	9:30:00 AM	1314.02	1314.2			N/A
2/5/2019	XAUUSD	11:30:00 AM	1311.16	1311.28			N/A
2/5/2019	XAUUSD	1:30:00 PM	1313.95	1314.18			N/A
2/5/2019	XAUUSD	3:30:00 PM	1316.06	1315.28			N/A
2/6/2019	XAUUSD	9:30:00 AM	1313.74	1313.72			N/A
2/6/2019	XAUUSD	11:30:00 AM					N/A
2/6/2019	XAUUSD	1:30:00 PM	1312.71	1312.95			N/A
2/6/2019	XAUUSD	3:30:00 PM	1313.62	1313.61			N/A
2/7/2019	XAUUSD	9:30:00 AM	1304.81	1305.17			N/A

2/7/2019	XAUUSD	11:30:00 AM	1305.31	1305.61			N/A
2/7/2019	XAUUSD	1:30:00 PM	1307.19	1307.34			N/A
2/7/2019	XAUUSD	3:30:00 PM	1309.4	1309.11			N/A
2/8/2019	XAUUSD	9:30:00 AM	1308.51	1308.58			N/A
2/8/2019	XAUUSD	11:30:00 AM					N/A
2/8/2019	XAUUSD	1:30:00 PM	1311.53	1311.78			N/A
2/8/2019	XAUUSD	3:30:00 PM	1314.57	1314.32			N/A
2/11/2019	XAUUSD	9:30:00 AM	1311.29	1311.64			N/A
2/11/2019	XAUUSD	11:30:00 AM	1308.32	1308.41			N/A
2/11/2019	XAUUSD	1:30:00 PM	1307.63	1307.94			N/A
2/11/2019	XAUUSD	3:30:00 PM	1305.99	1305.9			N/A
2/12/2019	XAUUSD	9:30:00 AM	1311.96	1311.86			N/A
2/12/2019	XAUUSD	11:30:00 AM					N/A
2/12/2019	XAUUSD	1:30:00 PM	1313.06	1313.24			N/A
2/12/2019	XAUUSD	3:30:00 PM	1312.89	1313.1			N/A
2/13/2019	XAUUSD	9:30:00 AM	1312.41	1312.64			N/A
2/13/2019	XAUUSD	11:30:00 AM	1312.31	1312.66			N/A
2/13/2019	XAUUSD	1:30:00 PM	1310.47	1310.68			N/A
2/13/2019	XAUUSD	3:30:00 PM	1309.62	1309.11			N/A
2/14/2019	XAUUSD	9:30:00 AM	1308.56	1308.65			N/A
2/14/2019	XAUUSD	11:30:00 AM					N/A
2/14/2019	XAUUSD	1:30:00 PM	1305.83	1306.1			N/A
2/14/2019	XAUUSD	3:30:00 PM	1308.15	1306.96			N/A
2/15/2019	XAUUSD	9:30:00 AM					N/A
2/15/2019	XAUUSD	11:30:00 AM					N/A
2/15/2019	XAUUSD	1:30:00 PM					N/A
2/15/2019	XAUUSD	3:30:00 PM					N/A
2/18/2019	XAUUSD	9:30:00 AM	1323.37	1323.56			N/A
2/18/2019	XAUUSD	11:30:00 AM					N/A
2/18/2019	XAUUSD	1:30:00 PM	1324.18	1324.49			N/A
2/18/2019	XAUUSD	3:30:00 PM	1325.7	1325.96			N/A
2/19/2019	XAUUSD	9:30:00 AM	1325.01	1325.16			N/A
2/19/2019	XAUUSD	11:30:00 AM	1329.35	1329.3			N/A
2/19/2019	XAUUSD	1:30:00 PM	1328.87	1329.05			N/A
2/19/2019	XAUUSD	3:30:00 PM	1332.39	1332.21			N/A
2/20/2019	XAUUSD	9:30:00 AM	1342.39	1342.35			N/A
2/20/2019	XAUUSD	11:30:00 AM					N/A
2/20/2019	XAUUSD	1:30:00 PM	1343.63	1343.87			N/A
2/20/2019	XAUUSD	3:30:00 PM	1343.56	1343.35			N/A
2/21/2019	XAUUSD	9:30:00 AM	1338.53	1338.7			N/A
2/21/2019	XAUUSD	11:30:00 AM	1333.51	1333.34			N/A
2/21/2019	XAUUSD	1:30:00 PM	1334.88	1335.18			N/A
2/21/2019	XAUUSD	3:30:00 PM	1337.07	1336.25			N/A
2/22/2019	XAUUSD	9:30:00 AM	1325.88	1325.71			N/A
2/22/2019	XAUUSD	11:30:00 AM					N/A
2/22/2019	XAUUSD	1:30:00 PM	1322.77	1323.03			N/A
2/22/2019	XAUUSD	3:30:00 PM	1326.12	1326.39			N/A
2/25/2019	XAUUSD	9:30:00 AM	1329.5	1329.5			N/A
2/25/2019	XAUUSD	11:30:00 AM	1328.1	1328.4			N/A
2/25/2019	XAUUSD	1:30:00 PM	1330.22	1330.33			N/A

2/25/2019	XAUUSD	3:30:00 PM	1327.99	1327.25			N/A
2/26/2019	XAUUSD	9:30:00 AM	1326.64	1326.79			N/A
2/26/2019	XAUUSD	11:30:00 AM					N/A
2/26/2019	XAUUSD	1:30:00 PM	1325.31	1325.41			N/A
2/26/2019	XAUUSD	3:30:00 PM	1326.89	1324.79			N/A
2/27/2019	XAUUSD	9:30:00 AM	1327.19	1327.27			N/A
2/27/2019	XAUUSD	11:30:00 AM	1326.12	1326.33			N/A
2/27/2019	XAUUSD	1:30:00 PM	1327.83	1327.75			N/A
2/27/2019	XAUUSD	3:30:00 PM	1326.47	1326.5			N/A
2/28/2019	XAUUSD	9:30:00 AM	1321.76	1321.84			N/A
2/28/2019	XAUUSD	11:30:00 AM					N/A
2/28/2019	XAUUSD	1:30:00 PM	1327.09	1326.76			N/A
2/28/2019	XAUUSD	3:30:00 PM	1323.7	1321.63			N/A
3/1/2019	XAUUSD	9:30:00 AM	1309.7	1309.87			N/A
3/1/2019	XAUUSD	11:30:00 AM	1306.38	1306.54			N/A
3/1/2019	XAUUSD	1:30:00 PM	1308.79	1309.08			N/A
3/1/2019	XAUUSD	3:30:00 PM	1305.92	1305.84			N/A
3/4/2019	XAUUSD	9:30:00 AM	1292.56	1292.66			N/A
3/4/2019	XAUUSD	11:30:00 AM					N/A
3/4/2019	XAUUSD	1:30:00 PM	1287.25	1287.52			N/A
3/4/2019	XAUUSD	3:30:00 PM	1288.25	1288.09			N/A
3/5/2019	XAUUSD	9:30:00 AM	1285.24	1285.23			N/A
3/5/2019	XAUUSD	11:30:00 AM	1284.25	1284.31			N/A
3/5/2019	XAUUSD	1:30:00 PM	1284.4	1284.78			N/A
3/5/2019	XAUUSD	3:30:00 PM	1286.75	1286.87			N/A
3/6/2019	XAUUSD	9:30:00 AM	1290.1	1290.34			N/A
3/6/2019	XAUUSD	11:30:00 AM					N/A
3/6/2019	XAUUSD	1:30:00 PM	1285.77	1285.77			N/A
3/6/2019	XAUUSD	3:30:00 PM	1286.34	1285.67			N/A
3/7/2019	XAUUSD	9:30:00 AM	1284.21	1284.5			N/A
3/7/2019	XAUUSD	11:30:00 AM	1286.67	1286.84			N/A
3/7/2019	XAUUSD	1:30:00 PM	1286.4	1286.7			N/A
3/7/2019	XAUUSD	3:30:00 PM	1285.32	1284.17			N/A
3/8/2019	XAUUSD	9:30:00 AM	1292.9	1293.03			N/A
3/8/2019	XAUUSD	11:30:00 AM					N/A
3/8/2019	XAUUSD	1:30:00 PM	1293.33	1293.6			N/A
3/8/2019	XAUUSD	3:30:00 PM	1298.08	1292.93			N/A
3/11/2019	XAUUSD	9:30:00 AM	1296.93	1296.96			N/A
3/11/2019	XAUUSD	11:30:00 AM	1297.13	1297.3			N/A
3/11/2019	XAUUSD	1:30:00 PM	1294.89	1295.14			N/A
3/11/2019	XAUUSD	3:30:00 PM	1296.77	1296.77			N/A
3/12/2019	XAUUSD	9:30:00 AM	1294.99	1295.08			N/A
3/12/2019	XAUUSD	11:30:00 AM					N/A
3/12/2019	XAUUSD	1:30:00 PM	1295.87	1295.9			N/A
3/12/2019	XAUUSD	3:30:00 PM	1297.62	1297.51			N/A
3/13/2019	XAUUSD	9:30:00 AM	1304.75	1304.64			N/A
3/13/2019	XAUUSD	11:30:00 AM	1307.96	1308.15			N/A
3/13/2019	XAUUSD	1:30:00 PM	1307.63	1307.8			N/A
3/13/2019	XAUUSD	3:30:00 PM	1307.85	1307.41			N/A
3/14/2019	XAUUSD	9:30:00 AM	1302.88	1303.06			N/A

3/14/2019	XAUUSD	11:30:00 AM					N/A
3/14/2019	XAUUSD	1:30:00 PM	1297.51	1297.58			N/A
3/14/2019	XAUUSD	3:30:00 PM	1294.91	1294.81			N/A
3/15/2019	XAUUSD	9:30:00 AM	1303.27	1302.93			N/A
3/15/2019	XAUUSD	11:30:00 AM	1302.52	1302.6			N/A
3/15/2019	XAUUSD	1:30:00 PM	1303.69	1303.82			N/A
3/15/2019	XAUUSD	3:30:00 PM	1303.34	1303.25			N/A
3/18/2019	XAUUSD	9:30:00 AM	1302.92	1303.06			N/A
3/18/2019	XAUUSD	11:30:00 AM					N/A
3/18/2019	XAUUSD	1:30:00 PM	1305.66	1305.76			N/A
3/18/2019	XAUUSD	3:30:00 PM	1305.69	1305.38			N/A
3/19/2019	XAUUSD	9:30:00 AM	1305.95	1305.95			N/A
3/19/2019	XAUUSD	11:30:00 AM	1305.98	1306.09			N/A
3/19/2019	XAUUSD	1:30:00 PM	1307.44	1307.59			N/A
3/19/2019	XAUUSD	3:30:00 PM	1310.11	1309.91			N/A
3/20/2019	XAUUSD	9:30:00 AM	1304.3	1303.45			N/A
3/20/2019	XAUUSD	11:30:00 AM					N/A
3/20/2019	XAUUSD	1:30:00 PM	1304.02	1304.26			N/A
3/20/2019	XAUUSD	3:30:00 PM	1309.17	1308.81			N/A
3/21/2019	XAUUSD	9:30:00 AM	1319.81	1319.68			N/A
3/21/2019	XAUUSD	11:30:00 AM	1317.84	1318.06			N/A
3/21/2019	XAUUSD	1:30:00 PM	1316.02	1316.15			N/A
3/21/2019	XAUUSD	3:30:00 PM	1316.43	1316.16			N/A
3/22/2019	XAUUSD	9:30:00 AM	1311.96	1312.14			N/A
3/22/2019	XAUUSD	11:30:00 AM					N/A
3/22/2019	XAUUSD	1:30:00 PM	1312.72	1312.84			N/A
3/22/2019	XAUUSD	3:30:00 PM	1311.79	1311.75			N/A
3/25/2019	XAUUSD	9:30:00 AM	1317.19	1317.21			N/A
3/25/2019	XAUUSD	11:30:00 AM	1317.2	1317.29			N/A
3/25/2019	XAUUSD	1:30:00 PM	1317.28	1317.36			N/A
3/25/2019	XAUUSD	3:30:00 PM	1318.58	1318.15			N/A
3/26/2019	XAUUSD	9:30:00 AM	1316.65	1316.55			N/A
3/26/2019	XAUUSD	11:30:00 AM					N/A
3/26/2019	XAUUSD	1:30:00 PM	1314.49	1314			N/A
3/26/2019	XAUUSD	3:30:00 PM	1317.93	1317.45			N/A
3/27/2019	XAUUSD	9:30:00 AM	1315.65	1315.36			N/A
3/27/2019	XAUUSD	11:30:00 AM	1316.4	1316.49			N/A
3/27/2019	XAUUSD	1:30:00 PM	1318.44	1318.12			N/A
3/27/2019	XAUUSD	3:30:00 PM	1316.36	1316.32			N/A
3/28/2019	XAUUSD	9:30:00 AM	1311.15	1311.38			N/A
3/28/2019	XAUUSD	11:30:00 AM					N/A
3/28/2019	XAUUSD	1:30:00 PM	1304.98	1304.93			N/A
3/28/2019	XAUUSD	3:30:00 PM	1294.67	1294.1			N/A
3/29/2019	XAUUSD	9:30:00 AM	1287.91	1287.73			N/A
3/29/2019	XAUUSD	11:30:00 AM	1291.87	1291.98			N/A
3/29/2019	XAUUSD	1:30:00 PM	1291.62	1291.84			N/A
3/29/2019	XAUUSD	3:30:00 PM	1298.27	1297.62			N/A
1/1/2019	ZARJPY	9:30:00 AM					N/A
1/1/2019	ZARJPY	11:30:00 AM					N/A
1/1/2019	ZARJPY	1:30:00 PM					N/A

1/1/2019	ZARJPY	3:30:00 PM					N/A
1/2/2019	ZARJPY	9:30:00 AM					N/A
1/2/2019	ZARJPY	11:30:00 AM					N/A
1/2/2019	ZARJPY	1:30:00 PM					N/A
1/2/2019	ZARJPY	3:30:00 PM					N/A
1/3/2019	ZARJPY	9:30:00 AM					N/A
1/3/2019	ZARJPY	11:30:00 AM					N/A
1/3/2019	ZARJPY	1:30:00 PM					N/A
1/3/2019	ZARJPY	3:30:00 PM					N/A
1/4/2019	ZARJPY	9:30:00 AM					N/A
1/4/2019	ZARJPY	11:30:00 AM					N/A
1/4/2019	ZARJPY	1:30:00 PM					N/A
1/4/2019	ZARJPY	3:30:00 PM					N/A
1/7/2019	ZARJPY	9:30:00 AM	7.74	7.76			N/A
1/7/2019	ZARJPY	11:30:00 AM					N/A
1/7/2019	ZARJPY	1:30:00 PM	7.76	7.78			N/A
1/7/2019	ZARJPY	3:30:00 PM	7.81	7.83			N/A
1/8/2019	ZARJPY	9:30:00 AM	7.79	7.8			N/A
1/8/2019	ZARJPY	11:30:00 AM	7.79	7.8			N/A
1/8/2019	ZARJPY	1:30:00 PM	7.75	7.77			N/A
1/8/2019	ZARJPY	3:30:00 PM	7.76	7.77			N/A
1/9/2019	ZARJPY	9:30:00 AM	7.84	7.86			N/A
1/9/2019	ZARJPY	11:30:00 AM					N/A
1/9/2019	ZARJPY	1:30:00 PM	7.76	7.78			N/A
1/9/2019	ZARJPY	3:30:00 PM	7.78	7.8			N/A
1/10/2019	ZARJPY	9:30:00 AM	7.76	7.78			N/A
1/10/2019	ZARJPY	11:30:00 AM	7.74	7.76			N/A
1/10/2019	ZARJPY	1:30:00 PM	7.77	7.78			N/A
1/10/2019	ZARJPY	3:30:00 PM	7.79	7.81			N/A
1/11/2019	ZARJPY	9:30:00 AM	7.82	7.83			N/A
1/11/2019	ZARJPY	11:30:00 AM					N/A
1/11/2019	ZARJPY	1:30:00 PM	7.82	7.84			N/A
1/11/2019	ZARJPY	3:30:00 PM	7.81	7.83			N/A
1/14/2019	ZARJPY	9:30:00 AM	7.74	7.76			N/A
1/14/2019	ZARJPY	11:30:00 AM	7.76	7.77			N/A
1/14/2019	ZARJPY	1:30:00 PM	7.75	7.77			N/A
1/14/2019	ZARJPY	3:30:00 PM	7.77	7.8			N/A
1/15/2019	ZARJPY	9:30:00 AM	7.86	7.88			N/A
1/15/2019	ZARJPY	11:30:00 AM					N/A
1/15/2019	ZARJPY	1:30:00 PM	7.84	7.86			N/A
1/15/2019	ZARJPY	3:30:00 PM	7.84	7.86			N/A
1/16/2019	ZARJPY	9:30:00 AM	7.9	7.91			N/A
1/16/2019	ZARJPY	11:30:00 AM	7.93	7.94			N/A
1/16/2019	ZARJPY	1:30:00 PM	7.92	7.94			N/A
1/16/2019	ZARJPY	3:30:00 PM	7.91	7.93			N/A
1/17/2019	ZARJPY	9:30:00 AM	7.91	7.93			N/A
1/17/2019	ZARJPY	11:30:00 AM					N/A
1/17/2019	ZARJPY	1:30:00 PM					N/A
1/17/2019	ZARJPY	3:30:00 PM	7.88	7.89			N/A
1/18/2019	ZARJPY	9:30:00 AM	7.95	7.96			N/A

1/18/2019	ZARJPY	11:30:00 AM	7.92	7.94			N/A
1/18/2019	ZARJPY	1:30:00 PM	7.89	7.93			N/A
1/18/2019	ZARJPY	3:30:00 PM	7.93	7.95			N/A
1/21/2019	ZARJPY	9:30:00 AM	7.89	7.9			N/A
1/21/2019	ZARJPY	11:30:00 AM					N/A
1/21/2019	ZARJPY	1:30:00 PM	7.89	7.91			N/A
1/21/2019	ZARJPY	3:30:00 PM	7.89	7.91			N/A
1/22/2019	ZARJPY	9:30:00 AM	7.85	7.87			N/A
1/22/2019	ZARJPY	11:30:00 AM	7.85	7.87			N/A
1/22/2019	ZARJPY	1:30:00 PM	7.84	7.86			N/A
1/22/2019	ZARJPY	3:30:00 PM	7.86	7.88			N/A
1/23/2019	ZARJPY	9:30:00 AM	7.86	7.87			N/A
1/23/2019	ZARJPY	11:30:00 AM					N/A
1/23/2019	ZARJPY	1:30:00 PM	7.9	7.91			N/A
1/23/2019	ZARJPY	3:30:00 PM	7.89	7.91			N/A
1/24/2019	ZARJPY	9:30:00 AM	7.92	7.93			N/A
1/24/2019	ZARJPY	11:30:00 AM	7.93	7.95			N/A
1/24/2019	ZARJPY	1:30:00 PM	7.92	7.94			N/A
1/24/2019	ZARJPY	3:30:00 PM	7.93	7.95			N/A
1/25/2019	ZARJPY	9:30:00 AM	8.02	8.03			N/A
1/25/2019	ZARJPY	11:30:00 AM					N/A
1/25/2019	ZARJPY	1:30:00 PM	7.99	8.01			N/A
1/25/2019	ZARJPY	3:30:00 PM	8.04	8.05			N/A
1/28/2019	ZARJPY	9:30:00 AM	8.01	8.03			N/A
1/28/2019	ZARJPY	11:30:00 AM					N/A
1/28/2019	ZARJPY	1:30:00 PM	8.01	8.03			N/A
1/28/2019	ZARJPY	3:30:00 PM	7.99	8			N/A
1/29/2019	ZARJPY	9:30:00 AM	7.97	7.99			N/A
1/29/2019	ZARJPY	11:30:00 AM					N/A
1/29/2019	ZARJPY	1:30:00 PM	8	8.02			N/A
1/29/2019	ZARJPY	3:30:00 PM	8.02	8.04			N/A
1/30/2019	ZARJPY	9:30:00 AM	8.02	8.04			N/A
1/30/2019	ZARJPY	11:30:00 AM	8.03	8.05			N/A
1/30/2019	ZARJPY	1:30:00 PM	8.02	8.04			N/A
1/30/2019	ZARJPY	3:30:00 PM	8.03	8.04			N/A
1/31/2019	ZARJPY	9:30:00 AM	8.12	8.14			N/A
1/31/2019	ZARJPY	11:30:00 AM					N/A
1/31/2019	ZARJPY	1:30:00 PM	8.14	8.16			N/A
1/31/2019	ZARJPY	3:30:00 PM	8.17	8.19			N/A
2/1/2019	ZARJPY	9:30:00 AM	8.15	8.17			N/A
2/1/2019	ZARJPY	11:30:00 AM	8.18	8.2			N/A
2/1/2019	ZARJPY	1:30:00 PM	8.18	8.21			N/A
2/1/2019	ZARJPY	3:30:00 PM	8.17	8.18			N/A
2/4/2019	ZARJPY	9:30:00 AM	8.2	8.22			N/A
2/4/2019	ZARJPY	11:30:00 AM					N/A
2/4/2019	ZARJPY	1:30:00 PM	8.2	8.22			N/A
2/4/2019	ZARJPY	3:30:00 PM	8.19	8.2			N/A
2/5/2019	ZARJPY	9:30:00 AM	8.18	8.2			N/A
2/5/2019	ZARJPY	11:30:00 AM	8.21	8.23			N/A
2/5/2019	ZARJPY	1:30:00 PM	8.2	8.22			N/A

2/5/2019	ZARJPY	3:30:00 PM	8.21	8.22			N/A
2/6/2019	ZARJPY	9:30:00 AM	8.14	8.15			N/A
2/6/2019	ZARJPY	11:30:00 AM					N/A
2/6/2019	ZARJPY	1:30:00 PM	8.12	8.14			N/A
2/6/2019	ZARJPY	3:30:00 PM	8.13	8.15			N/A
2/7/2019	ZARJPY	9:30:00 AM	8.08	8.1			N/A
2/7/2019	ZARJPY	11:30:00 AM	8.08	8.09			N/A
2/7/2019	ZARJPY	1:30:00 PM	8.04	8.06			N/A
2/7/2019	ZARJPY	3:30:00 PM	8.04	8.06			N/A
2/8/2019	ZARJPY	9:30:00 AM	8	8.02			N/A
2/8/2019	ZARJPY	11:30:00 AM					N/A
2/8/2019	ZARJPY	1:30:00 PM	8.03	8.07			N/A
2/8/2019	ZARJPY	3:30:00 PM	8.06	8.07			N/A
2/11/2019	ZARJPY	9:30:00 AM	8.06	8.08			N/A
2/11/2019	ZARJPY	11:30:00 AM	8.06	8.08			N/A
2/11/2019	ZARJPY	1:30:00 PM	8.01	8.02			N/A
2/11/2019	ZARJPY	3:30:00 PM	8.01	8.02			N/A
2/12/2019	ZARJPY	9:30:00 AM	8	8.03			N/A
2/12/2019	ZARJPY	11:30:00 AM					N/A
2/12/2019	ZARJPY	1:30:00 PM	8	8.02			N/A
2/12/2019	ZARJPY	3:30:00 PM	8.01	8.02			N/A
2/13/2019	ZARJPY	9:30:00 AM	8.03	8.05			N/A
2/13/2019	ZARJPY	11:30:00 AM	8.01	8.03			N/A
2/13/2019	ZARJPY	1:30:00 PM	7.95	7.97			N/A
2/13/2019	ZARJPY	3:30:00 PM	7.96	7.98			N/A
2/14/2019	ZARJPY	9:30:00 AM	7.93	7.96			N/A
2/14/2019	ZARJPY	11:30:00 AM					N/A
2/14/2019	ZARJPY	1:30:00 PM	7.86	7.88			N/A
2/14/2019	ZARJPY	3:30:00 PM	7.82	7.83			N/A
2/15/2019	ZARJPY	9:30:00 AM					N/A
2/15/2019	ZARJPY	11:30:00 AM					N/A
2/15/2019	ZARJPY	1:30:00 PM					N/A
2/15/2019	ZARJPY	3:30:00 PM					N/A
2/18/2019	ZARJPY	9:30:00 AM	7.85	7.87			N/A
2/18/2019	ZARJPY	11:30:00 AM					N/A
2/18/2019	ZARJPY	1:30:00 PM	7.84	7.86			N/A
2/18/2019	ZARJPY	3:30:00 PM	7.81	7.85			N/A
2/19/2019	ZARJPY	9:30:00 AM	7.8	7.83			N/A
2/19/2019	ZARJPY	11:30:00 AM	7.78	7.8			N/A
2/19/2019	ZARJPY	1:30:00 PM					N/A
2/19/2019	ZARJPY	3:30:00 PM	7.8	7.82			N/A
2/20/2019	ZARJPY	9:30:00 AM	7.85	7.87			N/A
2/20/2019	ZARJPY	11:30:00 AM					N/A
2/20/2019	ZARJPY	1:30:00 PM	7.82	7.85			N/A
2/20/2019	ZARJPY	3:30:00 PM	7.83	7.84			N/A
2/21/2019	ZARJPY	9:30:00 AM	7.92	7.94			N/A
2/21/2019	ZARJPY	11:30:00 AM	7.93	7.95			N/A
2/21/2019	ZARJPY	1:30:00 PM	7.95	7.96			N/A
2/21/2019	ZARJPY	3:30:00 PM	7.91	7.94			N/A
2/22/2019	ZARJPY	9:30:00 AM					N/A

2/22/2019	ZARJPY	11:30:00 AM					N/A
2/22/2019	ZARJPY	1:30:00 PM	7.89	7.92			N/A
2/22/2019	ZARJPY	3:30:00 PM	7.89	7.92			N/A
2/25/2019	ZARJPY	9:30:00 AM	7.94	7.97			N/A
2/25/2019	ZARJPY	11:30:00 AM	7.95	7.98			N/A
2/25/2019	ZARJPY	1:30:00 PM	7.98	7.99			N/A
2/25/2019	ZARJPY	3:30:00 PM	7.96	7.98			N/A
2/26/2019	ZARJPY	9:30:00 AM	7.98	8			N/A
2/26/2019	ZARJPY	11:30:00 AM					N/A
2/26/2019	ZARJPY	1:30:00 PM	7.98	8			N/A
2/26/2019	ZARJPY	3:30:00 PM	7.98	7.99			N/A
2/27/2019	ZARJPY	9:30:00 AM	7.95	7.97			N/A
2/27/2019	ZARJPY	11:30:00 AM	7.96	7.98			N/A
2/27/2019	ZARJPY	1:30:00 PM					N/A
2/27/2019	ZARJPY	3:30:00 PM	7.96	7.98			N/A
2/28/2019	ZARJPY	9:30:00 AM	7.92	7.94			N/A
2/28/2019	ZARJPY	11:30:00 AM					N/A
2/28/2019	ZARJPY	1:30:00 PM	7.92	7.94			N/A
2/28/2019	ZARJPY	3:30:00 PM	7.93	7.94			N/A
3/1/2019	ZARJPY	9:30:00 AM	7.92	7.94			N/A
3/1/2019	ZARJPY	11:30:00 AM	7.9	7.92			N/A
3/1/2019	ZARJPY	1:30:00 PM					N/A
3/1/2019	ZARJPY	3:30:00 PM	7.88	7.91			N/A
3/4/2019	ZARJPY	9:30:00 AM	7.89	7.91			N/A
3/4/2019	ZARJPY	11:30:00 AM					N/A
3/4/2019	ZARJPY	1:30:00 PM	7.83	7.85			N/A
3/4/2019	ZARJPY	3:30:00 PM	7.86	7.88			N/A
3/5/2019	ZARJPY	9:30:00 AM	7.86	7.88			N/A
3/5/2019	ZARJPY	11:30:00 AM	7.9	7.92			N/A
3/5/2019	ZARJPY	1:30:00 PM	7.89	7.92			N/A
3/5/2019	ZARJPY	3:30:00 PM	7.88	7.9			N/A
3/6/2019	ZARJPY	9:30:00 AM	7.84	7.86			N/A
3/6/2019	ZARJPY	11:30:00 AM					N/A
3/6/2019	ZARJPY	1:30:00 PM	7.86	7.88			N/A
3/6/2019	ZARJPY	3:30:00 PM	7.85	7.87			N/A
3/7/2019	ZARJPY	9:30:00 AM	7.83	7.87			N/A
3/7/2019	ZARJPY	11:30:00 AM	7.79	7.81			N/A
3/7/2019	ZARJPY	1:30:00 PM	7.77	7.79			N/A
3/7/2019	ZARJPY	3:30:00 PM	7.78	7.8			N/A
3/8/2019	ZARJPY	9:30:00 AM	7.6	7.62			N/A
3/8/2019	ZARJPY	11:30:00 AM					N/A
3/8/2019	ZARJPY	1:30:00 PM	7.63	7.66			N/A
3/8/2019	ZARJPY	3:30:00 PM	7.63	7.64			N/A
3/11/2019	ZARJPY	9:30:00 AM	7.68	7.71			N/A
3/11/2019	ZARJPY	11:30:00 AM	7.72	7.76			N/A
3/11/2019	ZARJPY	1:30:00 PM	7.71	7.75			N/A
3/11/2019	ZARJPY	3:30:00 PM	7.72	7.74			N/A
3/12/2019	ZARJPY	9:30:00 AM	7.74	7.78			N/A
3/12/2019	ZARJPY	11:30:00 AM					N/A
3/12/2019	ZARJPY	1:30:00 PM					N/A

3/12/2019	ZARJPY	3:30:00 PM	7.76	7.78			N/A
3/13/2019	ZARJPY	9:30:00 AM	7.73	7.75			N/A
3/13/2019	ZARJPY	11:30:00 AM	7.75	7.77			N/A
3/13/2019	ZARJPY	1:30:00 PM	7.75	7.77			N/A
3/13/2019	ZARJPY	3:30:00 PM	7.74	7.77			N/A
3/14/2019	ZARJPY	9:30:00 AM	7.71	7.72			N/A
3/14/2019	ZARJPY	11:30:00 AM					N/A
3/14/2019	ZARJPY	1:30:00 PM	7.7	7.72			N/A
3/14/2019	ZARJPY	3:30:00 PM	7.69	7.7			N/A
3/15/2019	ZARJPY	9:30:00 AM	7.69	7.73			N/A
3/15/2019	ZARJPY	11:30:00 AM	7.71	7.73			N/A
3/15/2019	ZARJPY	1:30:00 PM	7.71	7.74			N/A
3/15/2019	ZARJPY	3:30:00 PM	7.71	7.73			N/A
3/18/2019	ZARJPY	9:30:00 AM	7.72	7.74			N/A
3/18/2019	ZARJPY	11:30:00 AM					N/A
3/18/2019	ZARJPY	1:30:00 PM	7.72	7.73			N/A
3/18/2019	ZARJPY	3:30:00 PM	7.73	7.75			N/A
3/19/2019	ZARJPY	9:30:00 AM	7.68	7.7			N/A
3/19/2019	ZARJPY	11:30:00 AM	7.72	7.76			N/A
3/19/2019	ZARJPY	1:30:00 PM	7.72	7.74			N/A
3/19/2019	ZARJPY	3:30:00 PM	7.71	7.72			N/A
3/20/2019	ZARJPY	9:30:00 AM	7.69	7.71			N/A
3/20/2019	ZARJPY	11:30:00 AM					N/A
3/20/2019	ZARJPY	1:30:00 PM	7.69	7.71			N/A
3/20/2019	ZARJPY	3:30:00 PM	7.72	7.74			N/A
3/21/2019	ZARJPY	9:30:00 AM	7.78	7.8			N/A
3/21/2019	ZARJPY	11:30:00 AM	7.76	7.79			N/A
3/21/2019	ZARJPY	1:30:00 PM	7.76	7.78			N/A
3/21/2019	ZARJPY	3:30:00 PM	7.78	7.79			N/A
3/22/2019	ZARJPY	9:30:00 AM					N/A
3/22/2019	ZARJPY	11:30:00 AM					N/A
3/22/2019	ZARJPY	1:30:00 PM	7.66	7.68			N/A
3/22/2019	ZARJPY	3:30:00 PM	7.65	7.66			N/A
3/25/2019	ZARJPY	9:30:00 AM	7.58	7.59			N/A
3/25/2019	ZARJPY	11:30:00 AM	7.62	7.64			N/A
3/25/2019	ZARJPY	1:30:00 PM	7.6	7.62			N/A
3/25/2019	ZARJPY	3:30:00 PM	7.62	7.64			N/A
3/26/2019	ZARJPY	9:30:00 AM	7.66	7.69			N/A
3/26/2019	ZARJPY	11:30:00 AM					N/A
3/26/2019	ZARJPY	1:30:00 PM	7.66	7.68			N/A
3/26/2019	ZARJPY	3:30:00 PM	7.66	7.68			N/A
3/27/2019	ZARJPY	9:30:00 AM	7.61	7.63			N/A
3/27/2019	ZARJPY	11:30:00 AM	7.62	7.65			N/A
3/27/2019	ZARJPY	1:30:00 PM	7.53	7.55			N/A
3/27/2019	ZARJPY	3:30:00 PM	7.55	7.57			N/A
3/28/2019	ZARJPY	9:30:00 AM	7.53	7.55			N/A
3/28/2019	ZARJPY	11:30:00 AM					N/A
3/28/2019	ZARJPY	1:30:00 PM	7.47	7.49			N/A
3/28/2019	ZARJPY	3:30:00 PM	7.52	7.54			N/A
3/29/2019	ZARJPY	9:30:00 AM	7.57	7.59			N/A

3/29/2019	ZARJPY	11:30:00 AM	7.59	7.61			N/A
3/29/2019	ZARJPY	1:30:00 PM	7.62	7.65			N/A
3/29/2019	ZARJPY	3:30:00 PM	7.63	7.67			N/A