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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS MATCHED TRADES

REPORT FOR 14/01/2019

| Matched Time | Contract Details  | Product                 | Call/<br>Put | Strike | No of<br>Trades | Nominal Underlying<br>Value | Quantity | Foreign<br>Nominal | Traded<br>Price | Spot<br>Rate | Premium Value   | Trade<br>Type | Buy/<br>Sell |
|--------------|-------------------|-------------------------|--------------|--------|-----------------|-----------------------------|----------|--------------------|-----------------|--------------|-----------------|---------------|--------------|
| 8:57:52      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 220      | 220,000            | 14.0021         |              | 3,080,462.00    | Member        | Buy          |
| 8:58:17      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 500      | 500,000            | 14.0386         |              | (7,019,300.00)  | Client        | Sell         |
| 8:58:17      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 300      | 300,000            | 14.0266         |              | 4,207,980.00    | Member        | Buy          |
| 8:58:21      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 200      | 200,000            | 14.0566         |              | 2,811,320.00    | Member        | Buy          |
| 9:01:21      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 2,000    | 2,000,000          | 14.0061         |              | (28,012,200.00) | Client        | Sell         |
| 9:01:21      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 2,000    | 2,000,000          | 14.0061         |              | 28,012,200.00   | Member        | Buy          |
| 9:01:27      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 440      | 440,000            | 13.9568         |              | 6,140,992.00    | Client        | Buy          |
| 9:01:27      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 440      | 440,000            | 13.9568         |              | (6,140,992.00)  | Member        | Sell         |
| 9:02:32      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 1        | 1,000              | 14.0330         |              | (14,033.00)     | Client        | Sell         |
| 9:02:32      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 1        | 1,000              | 14.0330         |              | 14,033.00       | Member        | Buy          |
| 9:04:18      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 100      | 100,000            | 14.0419         |              | (1,404,190.00)  | Member        | Sell         |
| 9:04:18      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 100      | 100,000            | 14.0419         |              | 1,404,190.00    | Client        | Buy          |
| 9:04:55      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 400      | 400,000            | 14.0419         |              | (5,616,760.00)  | Member        | Sell         |
| 9:04:55      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 400      | 400,000            | 14.0419         |              | 5,616,760.00    | Member        | Buy          |
| 9:05:12      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 440      | 440,000            | 14.0201         |              | (6,168,844.00)  | Client        | Sell         |
| 9:05:12      | \$ / R 18/03/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 220      | 220,000            | 14.0382         |              | 3,088,404.00    | Member        | Buy          |
| 9:10:10      | \$ / R 14/06/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 500      | 500,000            | 14.2027         |              | (7,101,350.00)  | Member        | Sell         |
| 9:10:10      | \$ / R 14/06/2019 | Foreign Exchange Future |              | 0.00   | 1               | 1,000                       | 500      | 500,000            | 14.2027         |              | 7,101,350.00    | Member        | Buy          |

| Matched Time | Contract Details  | Product                 | Call/ Put | Strike | No of Trades | Nominal Underlying Value | Quantity | Foreign Nominal | Traded Price | Spot Rate | Premium Value  | Trade Type | Buy/ Sell |
|--------------|-------------------|-------------------------|-----------|--------|--------------|--------------------------|----------|-----------------|--------------|-----------|----------------|------------|-----------|
| 9:12:47      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0627      |           | (14,062.70)    | Member     | Sell      |
| 9:12:47      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0627      |           | 14,062.70      | Client     | Buy       |
| 9:13:48      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0507      |           | 14,050.70      | Client     | Buy       |
| 9:13:48      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0507      |           | (14,050.70)    | Client     | Sell      |
| 9:13:50      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0500      |           | (14,050.00)    | Client     | Sell      |
| 9:14:35      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50       | 50,000          | 14.0600      |           | 703,000.00     | Client     | Buy       |
| 9:14:35      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50       | 50,000          | 14.0600      |           | (703,000.00)   | Member     | Sell      |
| 9:15:25      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.0671      |           | (70,335.50)    | Member     | Sell      |
| 9:15:25      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.0671      |           | 70,335.50      | Client     | Buy       |
| 9:18:43      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 14.0500      |           | 56,200.00      | Client     | Buy       |
| 9:18:43      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 3        | 3,000           | 14.0500      |           | (42,150.00)    | Client     | Sell      |
| 9:18:43      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 2        | 2,000           | 14.0500      |           | 28,100.00      | Member     | Buy       |
| 9:18:43      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 2        | 2,000           | 14.0500      |           | (28,100.00)    | Client     | Sell      |
| 9:21:15      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 39       | 39,000          | 14.0625      |           | (548,437.50)   | Client     | Sell      |
| 9:21:15      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 39       | 39,000          | 14.0625      |           | 548,437.50     | Member     | Buy       |
| 9:24:29      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10       | 10,000          | 14.0500      |           | 140,500.00     | Client     | Buy       |
| 9:24:29      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10       | 10,000          | 14.0500      |           | (140,500.00)   | Member     | Sell      |
| 9:26:46      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0436      |           | 14,043.60      | Member     | Buy       |
| 9:26:48      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 14.0590      |           | 14,059.00      | Member     | Buy       |
| 9:55:18      | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.2000      |           | 71,000.00      | Client     | Buy       |
| 9:55:18      | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.2000      |           | (71,000.00)    | Member     | Sell      |
| 9:58:48      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 3        | 3,000           | 14.0390      |           | 42,117.00      | Client     | Buy       |
| 9:58:48      | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 3        | 3,000           | 14.0390      |           | (42,117.00)    | Member     | Sell      |
| 10:15:57     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0300      |           | (7,015,000.00) | Client     | Sell      |
| 10:15:57     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0300      |           | 7,015,000.00   | Member     | Buy       |
| 10:26:02     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0267      |           | 7,013,350.00   | Member     | Buy       |
| 10:36:56     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 14       | 14,000          | 14.0400      |           | 196,560.00     | Client     | Buy       |
| 10:36:56     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 14       | 14,000          | 14.0400      |           | (196,560.00)   | Member     | Sell      |
| 10:41:22     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50       | 50,000          | 14.0200      |           | 701,000.00     | Client     | Buy       |
| 10:41:22     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50       | 50,000          | 14.0200      |           | (701,000.00)   | Member     | Sell      |
| 10:48:56     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0228      |           | 7,011,400.00   | Client     | Buy       |
| 10:48:56     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0228      |           | (7,011,400.00) | Member     | Sell      |
| 10:49:10     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0200      |           | 7,010,000.00   | Client     | Buy       |
| 10:49:10     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0200      |           | (7,010,000.00) | Member     | Sell      |
| 10:49:10     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0200      |           | 7,010,000.00   | Client     | Buy       |
| 10:49:10     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0200      |           | (7,010,000.00) | Member     | Sell      |
| 10:49:16     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 405      | 405,000         | 14.0255      |           | (5,680,327.50) | Member     | Sell      |
| 10:49:16     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 405      | 405,000         | 14.0255      |           | 5,680,327.50   | Client     | Buy       |
| 10:54:55     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 100      | 100,000         | 14.0200      |           | 1,402,000.00   | Member     | Buy       |
| 10:54:55     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 100      | 100,000         | 14.0200      |           | (1,402,000.00) | Client     | Sell      |
| 11:01:28     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 14.0281      |           | 56,112.40      | Client     | Buy       |
| 11:01:28     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 14.0281      |           | (56,112.40)    | Member     | Sell      |
| 11:50:48     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 260      | 260,000         | 14.0215      |           | (3,645,590.00) | Member     | Sell      |

| Matched Time | Contract Details  | Product                 | Call/ Put | Strike | No of Trades | Nominal Underlying Value | Quantity | Foreign Nominal | Traded Price | Spot Rate | Premium Value   | Trade Type | Buy/Sell |
|--------------|-------------------|-------------------------|-----------|--------|--------------|--------------------------|----------|-----------------|--------------|-----------|-----------------|------------|----------|
| 11:52:50     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 260      | 260,000         | 14.0255      |           | (3,646,630.00)  | Member     | Sell     |
| 12:07:58     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 7        | 7,000           | 14.0150      |           | (98,105.00)     | Member     | Sell     |
| 12:12:11     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.0335      |           | (70,167.50)     | Member     | Sell     |
| 12:12:11     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 14.0335      |           | 70,167.50       | Client     | Buy      |
| 12:13:48     | \$ / R 31/01/2019 | Any day expiry          |           | 0.00   | 1            | 1,000                    | 731      | 731,000         | 13.9624      |           | (10,206,514.40) | Member     | Sell     |
| 12:13:48     | \$ / R 31/01/2019 | Any day expiry          |           | 0.00   | 1            | 1,000                    | 731      | 731,000         | 13.9624      |           | 10,206,514.40   | Client     | Buy      |
| 13:28:43     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 100      | 100,000         | 14.0292      |           | (1,402,920.00)  | Member     | Sell     |
| 13:28:43     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 100      | 100,000         | 14.0292      |           | 1,402,920.00    | Client     | Buy      |
| 13:29:06     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 7        | 7,000           | 14.0200      |           | (98,140.00)     | Member     | Sell     |
| 13:29:06     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 7        | 7,000           | 14.0200      |           | 98,140.00       | Client     | Buy      |
| 13:35:33     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 14.1684      |           | (56,673.60)     | Member     | Sell     |
| 13:35:33     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 14.1684      |           | 56,673.60       | Client     | Buy      |
| 13:42:44     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 260      | 260,000         | 14.0255      |           | 3,646,630.00    | Client     | Buy      |
| 14:06:54     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 13.9900      |           | 349,750.00      | Client     | Buy      |
| 14:06:54     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 13.9900      |           | (349,750.00)    | Member     | Sell     |
| 14:31:07     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 13.9940      |           | (69,970.00)     | Member     | Sell     |
| 14:31:07     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 13.9940      |           | 69,970.00       | Client     | Buy      |
| 14:31:29     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 13.9850      |           | (349,625.00)    | Member     | Sell     |
| 14:31:29     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 13.9850      |           | 349,625.00      | Client     | Buy      |
| 14:59:59     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 95       | 95,000          | 13.9975      |           | (1,329,762.50)  | Member     | Sell     |
| 14:59:59     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 225      | 225,000         | 13.9979      |           | (3,149,527.50)  | Member     | Sell     |
| 15:00:20     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 89       | 89,000          | 13.9978      |           | 1,245,804.20    | Client     | Buy      |
| 15:00:20     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 89       | 89,000          | 13.9978      |           | (1,245,804.20)  | Client     | Sell     |
| 15:01:49     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 311      | 311,000         | 13.9978      |           | 4,353,315.80    | Client     | Buy      |
| 15:01:49     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 9        | 9,000           | 13.9978      |           | 125,980.20      | Client     | Buy      |
| 15:07:17     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0267      |           | (7,013,350.00)  | Client     | Sell     |
| 15:12:53     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 14.1600      |           | 354,000.00      | Client     | Buy      |
| 15:12:53     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 14.1600      |           | (354,000.00)    | Member     | Sell     |
| 15:28:38     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 800      | 800,000         | 13.9583      |           | 11,166,640.00   | Client     | Buy      |
| 15:28:38     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 200      | 200,000         | 13.9862      |           | (2,797,240.00)  | Member     | Sell     |
| 15:45:25     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1,750    | 1,750,000       | 13.9746      |           | 24,455,550.00   | Client     | Buy      |
| 15:45:25     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1,750    | 1,750,000       | 13.9746      |           | (24,455,550.00) | Member     | Sell     |
| 15:46:11     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 14.1300      |           | (353,250.00)    | Member     | Sell     |
| 15:46:11     | \$ / R 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25       | 25,000          | 14.1300      |           | 353,250.00      | Client     | Buy      |
| 15:49:21     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0462      |           | (7,023,100.00)  | Member     | Sell     |
| 15:49:21     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0462      |           | 7,023,100.00    | Client     | Buy      |
| 15:49:44     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 13.9600      |           | 69,800.00       | Client     | Buy      |
| 15:49:44     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5        | 5,000           | 13.9600      |           | (69,800.00)     | Client     | Sell     |
| 15:50:02     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 20       | 20,000          | 13.9600      |           | 279,200.00      | Client     | Buy      |
| 15:50:02     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 20       | 20,000          | 13.9600      |           | (279,200.00)    | Member     | Sell     |
| 15:56:37     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9550      |           | (6,977,500.00)  | Member     | Sell     |
| 15:56:37     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0764      |           | 7,038,200.00    | Member     | Buy      |
| 15:56:37     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9550      |           | 6,977,500.00    | Client     | Buy      |

| Matched Time | Contract Details  | Product                 | Call/ Put | Strike | No of Trades | Nominal Underlying Value | Quantity | Foreign Nominal | Traded Price | Spot Rate | Premium Value    | Trade Type | Buy/Sell |
|--------------|-------------------|-------------------------|-----------|--------|--------------|--------------------------|----------|-----------------|--------------|-----------|------------------|------------|----------|
| 15:56:37     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0764      |           | (7,038,200.00)   | Client     | Sell     |
| 16:06:50     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 350      | 350,000         | 13.9561      |           | 4,884,635.00     | Client     | Buy      |
| 16:06:50     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 350      | 350,000         | 13.9561      |           | (4,884,635.00)   | Member     | Sell     |
| 16:16:01     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9700      |           | (6,985,000.00)   | Member     | Sell     |
| 16:18:13     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9760      |           | (6,988,000.00)   | Member     | Sell     |
| 16:28:19     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10       | 10,000          | 13.9925      |           | (139,925.00)     | Member     | Sell     |
| 16:28:19     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10       | 10,000          | 13.9925      |           | 139,925.00       | Client     | Buy      |
| 16:29:03     | \$ / R 13/12/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 200      | 200,000         | 14.4765      |           | (2,895,300.00)   | Member     | Sell     |
| 16:32:03     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 630      | 630,000         | 14.0351      |           | 8,842,113.00     | Client     | Buy      |
| 16:32:03     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 9,370    | 9,370,000       | 14.0351      |           | (131,508,887.00) | Member     | Sell     |
| 16:32:03     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 630      | 630,000         | 14.0351      |           | (8,842,113.00)   | Member     | Sell     |
| 16:33:23     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9800      |           | 55,920.00        | Client     | Buy      |
| 16:33:23     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9800      |           | (55,920.00)      | Client     | Sell     |
| 16:33:23     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 121      | 121,000         | 13.9800      |           | (1,691,580.00)   | Client     | Sell     |
| 16:33:23     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 121      | 121,000         | 13.9800      |           | 1,691,580.00     | Member     | Buy      |
| 16:39:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9739      |           | (55,895.60)      | Member     | Sell     |
| 16:39:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9739      |           | 55,895.60        | Client     | Buy      |
| 16:39:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 11       | 11,000          | 13.9670      |           | (153,637.00)     | Member     | Sell     |
| 16:39:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 11       | 11,000          | 13.9670      |           | 153,637.00       | Client     | Buy      |
| 16:42:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9670      |           | (55,868.00)      | Client     | Sell     |
| 16:42:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 4        | 4,000           | 13.9670      |           | 55,868.00        | Client     | Buy      |
| 16:42:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 56       | 56,000          | 13.9600      |           | 781,760.00       | Member     | Buy      |
| 16:42:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 56       | 56,000          | 13.9600      |           | (781,760.00)     | Client     | Sell     |
| 16:43:40     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9730      |           | (6,986,500.00)   | Member     | Sell     |
| 16:44:16     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 300      | 300,000         | 13.9769      |           | (4,193,070.00)   | Member     | Sell     |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 300      | 300,000         | 14.0351      |           | 4,210,530.00     | Client     | Buy      |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 260      | 260,000         | 14.0351      |           | 3,649,126.00     | Client     | Buy      |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 7,070    | 7,070,000       | 14.0351      |           | 99,228,157.00    | Client     | Buy      |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 990      | 990,000         | 14.0351      |           | 13,894,749.00    | Client     | Buy      |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 14.0351      |           | 7,017,550.00     | Client     | Buy      |
| 16:44:32     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 250      | 250,000         | 14.0351      |           | 3,508,775.00     | Client     | Buy      |
| 16:44:42     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 800      | 800,000         | 13.9745      |           | 11,179,600.00    | Client     | Buy      |
| 16:46:37     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500      | 500,000         | 13.9760      |           | 6,988,000.00     | Client     | Buy      |
| 16:49:57     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 300      | 300,000         | 13.9634      |           | (4,189,020.00)   | Member     | Sell     |
| 16:50:09     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 13.9599      |           | 13,959.90        | Client     | Buy      |
| 16:50:09     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 13.9599      |           | (13,959.90)      | Member     | Sell     |
| 16:52:05     | \$ / R 13/12/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 200      | 200,000         | 14.4865      |           | 2,897,300.00     | Client     | Buy      |
| 16:52:05     | \$ / R 13/12/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 200      | 200,000         | 14.4865      |           | (2,897,300.00)   | Member     | Sell     |
| 16:54:42     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 300      | 300,000         | 13.9347      |           | (4,180,410.00)   | Member     | Sell     |
| 16:59:22     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 13.9300      |           | (13,930.00)      | Client     | Sell     |
| 16:59:22     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1        | 1,000           | 13.9300      |           | 13,930.00        | Client     | Buy      |
| 17:03:11     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 213      | 213,000         | 13.9244      |           | 2,965,897.20     | Member     | Buy      |
| 17:05:27     | \$ / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 213      | 213,000         | 13.9244      |           | (2,965,897.20)   | Client     | Sell     |

| Matched Time   | Contract Details       | Product                 | Call/ Put | Strike | No of Trades | Nominal Underlying Value | Quantity      | Foreign Nominal   | Traded Price | Spot Rate | Premium Value         | Trade Type | Buy/ Sell |
|--|------------------------|-------------------------|-----------|--------|--------------|--------------------------|---------------|-------------------|--------------|-----------|-----------------------|------------|-----------|
| 17:06:28   | \$ / R 18/03/2019      | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10,000        | 10,000,000        | 14.0793      |           | (140,793,000.00)      | Member     | Sell      |
| 17:06:28   | \$ / R 18/03/2019      | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 10,000        | 10,000,000        | 14.0793      |           | 140,793,000.00        | Client     | Buy       |
| <b>Total Futures</b>                                 |                        |                         |           |        | <b>75</b>    |                          | <b>36,030</b> | <b>36,029,500</b> |              |           | <b>505 801 917.50</b> |            |           |
| <b>Total Options</b>                                 |                        |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for \$ / R Foreign Exchange Future</b>      |                        |                         |           |        | <b>75</b>    |                          | <b>36,030</b> | <b>36,029,500</b> |              |           | <b>505,801,917.50</b> |            |           |
| 9:10:10  | \$ / R MAXI 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 100,000                  | 5             | 500,000           | 14.2027      |           | (7,101,350.00)        | Member     | Sell      |
| 9:10:10  | \$ / R MAXI 14/06/2019 | Foreign Exchange Future |           | 0.00   | 1            | 100,000                  | 5             | 500,000           | 14.2027      |           | 7,101,350.00          | Member     | Buy       |
| 10:00:15   | \$ / R MAXI 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 100,000                  | 15            | 1,500,000         | 14.0400      |           | (21,060,000.00)       | Member     | Sell      |
| 10:00:15   | \$ / R MAXI 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 100,000                  | 15            | 1,500,000         | 14.0400      |           | 21,060,000.00         | Client     | Buy       |
| <b>Total Futures</b>                                 |                        |                         |           |        | <b>2</b>     |                          | <b>20</b>     | <b>2,000,000</b>  |              |           | <b>28 161 350.00</b>  |            |           |
| <b>Total Options</b>                                 |                        |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for \$ / R MAXI Foreign Exchange Future</b> |                        |                         |           |        | <b>2</b>     |                          | <b>20</b>     | <b>2,000,000</b>  |              |           | <b>28,161,350.00</b>  |            |           |
| 9:02:50  | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500           | 500,000           | 18.0915      |           | (9,045,750.00)        | Member     | Sell      |
| 9:02:50  | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 500           | 500,000           | 18.0915      |           | 9,045,750.00          | Member     | Buy       |
| 9:21:11  | £ / R 16/09/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 19            | 19,000            | 18.6745      |           | 354,815.50            | Member     | Buy       |
| 10:14:58   | £ / R 16/09/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 19            | 19,000            | 18.6745      |           | (354,815.50)          | Client     | Sell      |
| 10:35:28   | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50            | 50,000            | 18.0600      |           | (903,000.00)          | Client     | Sell      |
| 10:35:28   | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50            | 50,000            | 18.0600      |           | 903,000.00            | Member     | Buy       |
| 16:50:40   | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50            | 50,000            | 17.9850      |           | (899,250.00)          | Client     | Sell      |
| 16:50:40   | £ / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 50            | 50,000            | 17.9850      |           | 899,250.00            | Member     | Buy       |
| <b>Total Futures</b>                                 |                        |                         |           |        | <b>4</b>     |                          | <b>619</b>    | <b>619,000</b>    |              |           | <b>11 202 815.50</b>  |            |           |
| <b>Total Options</b>                                 |                        |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for £ / R Foreign Exchange Future</b>       |                        |                         |           |        | <b>4</b>     |                          | <b>619</b>    | <b>619,000</b>    |              |           | <b>11,202,815.50</b>  |            |           |
| 9:04:55  | € / R 16/09/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5             | 5,000             | 16.8326      |           | (84,163.00)           | Member     | Sell      |
| 9:04:55  | € / R 16/09/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5             | 5,000             | 16.8326      |           | 84,163.00             | Member     | Buy       |
| 10:25:54   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1             | 1,000             | 16.1796      |           | (16,179.60)           | Member     | Sell      |
| 10:25:54   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 1             | 1,000             | 16.1796      |           | 16,179.60             | Client     | Buy       |
| 10:48:35   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 369           | 369,000           | 16.1886      |           | 5,973,593.40          | Member     | Buy       |
| 10:48:35   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 369           | 369,000           | 16.1886      |           | (5,973,593.40)        | Client     | Sell      |
| 13:06:55   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 21            | 21,000            | 16.1657      |           | (339,479.70)          | Member     | Sell      |
| 13:06:55   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 21            | 21,000            | 16.1657      |           | 339,479.70            | Client     | Buy       |
| 16:33:44   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 20            | 20,000            | 16.1140      |           | (322,280.00)          | Member     | Sell      |
| 16:33:44   | € / R 18/03/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 20            | 20,000            | 16.1140      |           | 322,280.00            | Client     | Buy       |
| 16:54:59   | € / R 14/06/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25            | 25,000            | 16.3750      |           | 409,375.00            | Client     | Buy       |
| 16:54:59   | € / R 14/06/2019       | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 25            | 25,000            | 16.3750      |           | (409,375.00)          | Member     | Sell      |

| Matched Time                                     | Contract Details   | Product                 | Call/ Put | Strike | No of Trades | Nominal Underlying Value | Quantity      | Foreign Nominal   | Traded Price | Spot Rate | Premium Value         | Trade Type | Buy/ Sell |
|--|--------------------|-------------------------|-----------|--------|--------------|--------------------------|---------------|-------------------|--------------|-----------|-----------------------|------------|-----------|
| <b>Total Futures</b>                             |                    |                         |           |        | <b>6</b>     |                          | <b>441</b>    | <b>441,000</b>    |              |           | <b>7 145 070.70</b>   |            |           |
| <b>Total Options</b>                             |                    |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for € / R Foreign Exchange Future</b>   |                    |                         |           |        | <b>6</b>     |                          | <b>441</b>    | <b>441,000</b>    |              |           | <b>7,145,070.70</b>   |            |           |
| 9:10:15  | CAD/ R 14/06/2019  | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 250           | 250,000           | 10.7246      |           | (2,681,150.00)        | Member     | Sell      |
| 9:10:15  | CAD/ R 14/06/2019  | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 250           | 250,000           | 10.7246      |           | 2,681,150.00          | Member     | Buy       |
| <b>Total Futures</b>                             |                    |                         |           |        | <b>1</b>     |                          | <b>250</b>    | <b>250,000</b>    |              |           | <b>2 681 150.00</b>   |            |           |
| <b>Total Options</b>                             |                    |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for CAD/ R Foreign Exchange Future</b>  |                    |                         |           |        | <b>1</b>     |                          | <b>250</b>    | <b>250,000</b>    |              |           | <b>2,681,150.00</b>   |            |           |
| 8:59:09  | TRY / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5,000         | 5,000,000         | 2.4525       |           | 12,262,500.00         | Client     | Buy       |
| 8:59:09  | TRY / R 18/03/2019 | Foreign Exchange Future |           | 0.00   | 1            | 1,000                    | 5,000         | 5,000,000         | 2.4525       |           | (12,262,500.00)       | Member     | Sell      |
| <b>Total Futures</b>                             |                    |                         |           |        | <b>1</b>     |                          | <b>5,000</b>  | <b>5,000,000</b>  |              |           | <b>12 262 500.00</b>  |            |           |
| <b>Total Options</b>                             |                    |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Total for TRY / R Foreign Exchange Future</b> |                    |                         |           |        | <b>1</b>     |                          | <b>5,000</b>  | <b>5,000,000</b>  |              |           | <b>12,262,500.00</b>  |            |           |
| <b>Total Futures</b>                             |                    |                         |           |        | <b>89</b>    |                          | <b>42,360</b> | <b>44,339,500</b> |              |           | <b>567 254 803.70</b> |            |           |
| <b>Total Options</b>                             |                    |                         |           |        |              |                          |               |                   |              |           |                       |            |           |
| <b>Grand Total for all Instruments</b>           |                    |                         |           |        | <b>89</b>    |                          | <b>42,360</b> | <b>44,339,500</b> |              |           | <b>567,254,803.70</b> |            |           |