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**INTEREST RATE AND CURRENCY DERIVATIVES** 

**DERIVATIVES MATCHED TRADES REPORT** 

REPORT FOR 28/08/2019

Johannesburg Stock Exchange

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Registration number: 2005/022939/06

VAT number: 4080119391

| Matched<br>Time | Contract D     | <b>Details</b> | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|----------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 16:29:50        | R186           | On 07/11/2019  |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 16:42:51        | R186           | On 07/11/2019  |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 16:44:45        | R186           | On 07/11/2019  |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 16:44:45        | R186           | On 07/11/2019  |        |              | Bond Future | 1               | 5,000,000   | 0.00 Client   | Sell         |
| Total for R18   | 36 Bond Future |                |        |              |             | 4               | 20,000,000  | 0.00          |              |
| 13:57:10        | R2030          | On 07/11/2019  | 9.20   | Put          | Bond Future | 1               | 140,000,000 | 0.00 Member   | Sell         |
| 13:57:10        | R2030          | On 07/11/2019  | 9.25   | Put          | Bond Future | 1               | 533,300,000 | 0.00 Member   | Sell         |
| 13:57:10        | R2030          | On 07/11/2019  | 9.30   | Put          | Bond Future | 1               | 140,000,000 | 0.00 Member   | Sell         |
| 13:57:10        | R2030          | On 07/11/2019  | 9.25   | Put          | Bond Future | 1               | 7,100,000   | 0.00 Member   | Buy          |
| 13:57:10        | R2030          | On 07/11/2019  | 9.20   | Put          | Bond Future | 1               | 1,900,000   | 0.00 Member   | Buy          |
| 13:57:10        | R2030          | On 07/11/2019  | 9.30   | Put          | Bond Future | 1               | 1,900,000   | 0.00 Member   | Buy          |
| 13:59:55        | R2030          | On 07/11/2019  |        |              | Bond Future | 1               | 88,800,000  | 0.00 Member   | Sell         |
| 13:59:55        | R2030          | On 07/11/2019  |        |              | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |

| Matched<br>Time | Contract Details |               | I Contract Details |     | Strike      | Call/<br>Put | Product     | No<br>of Trades | Nominal | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------------|---------------|--------------------|-----|-------------|--------------|-------------|-----------------|---------|---------------|--------------|
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 17,800,000  | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 8,200,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 8,200,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,600,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 1,700,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 71,600,000  | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 13,200,000  | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 17,800,000  | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,600,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 13,200,000  | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,600,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 1,700,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,400,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,400,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 9,800,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 13,200,000  | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 8,200,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 71,600,000  | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 9,800,000   | 0.00 Member     | Sell    |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 9,800,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 3,400,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 4,400,000   | 0.00 Member     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 71,600,000  | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 1,700,000   | 0.00 Client     | Buy     |               |              |
| 16:43:09        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 17,800,000  | 0.00 Member     | Sell    |               |              |
| 16:44:13        | R2030            | On 07/11/2019 |                    |     | Bond Future | 1            | 165,300,000 | 0.00 Member     | Sell    |               |              |
| 16:44:13        | R2030            | On 07/11/2019 |                    |     | Bond Future | 1            | 57,500,000  | 0.00 Member     | Buy     |               |              |
| 16:50:12        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 1,900,000   | 0.00 Member     | Sell    |               |              |
| 16:50:12        | R2030            | On 07/11/2019 | 9.20               | Put | Bond Future | 1            | 1,900,000   | 0.00 Client     | Buy     |               |              |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30               | Put | Bond Future | 1            | 13,200,000  | 0.00 Client     | Buy     |               |              |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30               | Put | Bond Future | 1            | 13,200,000  | 0.00 Member     | Buy     |               |              |

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| Matched<br>Time | Contract Details |               | Contract Details |             |             | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------------|---------------|------------------|-------------|-------------|-----------------|-------------|---------------|--------------|
| 16:54:06        | R2030            | On 07/11/2019 | Put              | Bond Future |             | 1               | 71,600,000  | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 8,200,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 9,800,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,600,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 1,700,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,600,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 1,700,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 9,800,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 17,800,000  | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 9,800,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 1,700,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 8,200,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 71,600,000  | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 17,800,000  | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,400,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 71,600,000  | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,600,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 13,200,000  | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 8,200,000   | 0.00 Client   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,400,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 3,400,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 4,400,000   | 0.00 Member   | Buy          |
| 16:54:06        | R2030            | On 07/11/2019 | 9.30             | Put         | Bond Future | 1               | 17,800,000  | 0.00 Member   | Buy          |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 14,000,000  | 0.00 Member   | Sell         |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 13,800,000  | 0.00 Client   | Buy          |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 258,300,000 | 0.00 Member   | Sell         |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 15,300,000  | 0.00 Member   | Buy          |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 1,300,000   | 0.00 Member   | Sell         |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 16,800,000  | 0.00 Client   | Buy          |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 4,100,000   | 0.00 Member   | Sell         |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25             | Put         | Bond Future | 1               | 4,100,000   | 0.00 Member   | Buy          |

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| Matched<br>Time | Contract Details |               | ed Contract Details |     | Contract Details Stri |   | Strike      | Call/<br>Put | Product | No<br>of Trades | Nominal | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------------|---------------|---------------------|-----|-----------------------|---|-------------|--------------|---------|-----------------|---------|---------------|--------------|
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 1,300,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 16,800,000  | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 13,800,000  | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 15,300,000  | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 7,100,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 14,000,000  | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 258,300,000 | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 258,300,000 | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 17,200,000  | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 17,200,000  | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 17,200,000  | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 14,000,000  | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 15,300,000  | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 4,100,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 1,300,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 185,400,000 | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 185,400,000 | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 7,100,000   | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 185,400,000 | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 16,800,000  | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:13        | R2030            | On 07/11/2019 | 9.25                | Put | Bond Future           | 1 | 13,800,000  | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 1,300,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 4,300,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 4,300,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 5,200,000   | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 4,700,000   | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 2,200,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 4,700,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 57,500,000  | 0.00 Member  | Sell    |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 80,100,000  | 0.00 Client  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 5,300,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 400,000     | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 5,200,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 4,300,000   | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 80,100,000  | 0.00 Member  | Buy     |                 |         |               |              |
| 16:56:34        | R2030            | On 07/11/2019 |                     |     | Bond Future           | 1 | 2,200,000   | 0.00 Member  | Sell    |                 |         |               |              |

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| Matched<br>Time | Contract D | <b>Details</b> | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|----------------|--------|--------------|-------------|-----------------|------------|---------------|--------------|
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 4,700,000  | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 4,300,000  | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 80,100,000 | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 57,500,000 | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,200,000  | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,300,000  | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,300,000  | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,300,000  | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,300,000  | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,200,000  | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 400,000    | 0.00 Client   | Buy          |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 4,300,000  | 0.00 Member   | Sell         |
| 16:56:34        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 4,300,000  | 0.00 Member   | Buy          |
| 16:59:42        | R2030      | On 07/11/2019  | 9.30   | Put          | Bond Future | 1               | 1,900,000  | 0.00 Member   | Sell         |
| 16:59:42        | R2030      | On 07/11/2019  | 9.30   | Put          | Bond Future | 1               | 1,900,000  | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 45,400,000 | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 11,300,000 | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 45,400,000 | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,100,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,100,000  | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000  | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,100,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,300,000  | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,300,000  | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,100,000  | 0.00 Client   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 45,400,000 | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 11,300,000 | 0.00 Member   | Sell         |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000  | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000  | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 8,400,000  | 0.00 Member   | Buy          |
| 17:04:31        | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,100,000  | 0.00 Member   | Buy          |

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| Matched<br>Time             | Contract D | <b>Details</b> | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------------------|------------|----------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 11,300,000  | 0.00 Member   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 6,200,000   | 0.00 Member   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,200,000   | 0.00 Member   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 6,200,000   | 0.00 Client   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,200,000   | 0.00 Client   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 5,200,000   | 0.00 Member   | Sell         |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,800,000   | 0.00 Client   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 8,400,000   | 0.00 Member   | Sell         |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 6,200,000   | 0.00 Member   | Sell         |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 2,300,000   | 0.00 Client   | Buy          |
| 17:04:31                    | R2030      | On 07/11/2019  |        |              | Bond Future | 1               | 8,400,000   | 0.00 Client   | Buy          |
| Total for R2030 Bond Future |            |                |        |              | 164         | 4,269,600,000   | 0.00        |               |              |
| 10:33:01                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 10:33:01                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 5,000,000   | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 8,000,000   | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 17,700,000  | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 58,000,000  | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 12,500,000  | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 47,800,000  | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 21,700,000  | 0.00 Member   | Sell         |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 47,800,000  | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 12,500,000  | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 21,700,000  | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 17,700,000  | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 8,000,000   | 0.00 Client   | Buy          |
| 10:40:06                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 58,000,000  | 0.00 Client   | Buy          |
| 13:00:55                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 550,000,000 | 0.00 Member   | Sell         |
| 13:00:55                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 587,000,000 | 0.00 Member   | Sell         |
| 13:00:55                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 587,000,000 | 0.00 Client   | Buy          |
| 13:00:55                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 550,000,000 | 0.00 Client   | Buy          |
| 15:45:30                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 8,000,000   | 0.00 Member   | Sell         |
| 15:45:30                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 8,000,000   | 0.00 Client   | Buy          |
| 15:47:01                    | R2035      | On 06/08/2020  | 9.00   | Call         | Bond Future | 1               | 587,500,000 | 0.00 Member   | Sell         |

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| Matched<br>Time | Contract De    | etails        | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|--------|--------------|-------------|-----------------|---------------|---------------|--------------|
| 15:47:01        | R2035          | On 06/08/2020 | 9.00   | Call         | Bond Future | 1               | 587,500,000   | 0.00 Client   | Buy          |
| Total for R20   | 35 Bond Future |               |        |              |             | 22              | 3,806,400,000 | 0.00          |              |
| 13:04:19        | R2040          | On 07/11/2019 |        |              | Bond Future | 1               | 4,500,000     | 0.00 Member   | Buy          |
| 13:04:19        | R2040          | On 07/11/2019 |        |              | Bond Future | 1               | 4,500,000     | 0.00 Member   | Sell         |
| 13:09:30        | R2040          | On 07/11/2019 |        |              | Bond Future | 1               | 4,500,000     | 0.00 Client   | Buy          |
| 13:09:30        | R2040          | On 07/11/2019 |        |              | Bond Future | 1               | 4,500,000     | 0.00 Member   | Sell         |
| Total for R20   | 40 Bond Future |               |        |              |             | 4               | 18,000,000    | 0.00          |              |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 5,000,000     | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 5,000,000     | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 417,200,000   | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 9,900,000     | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 29,700,000    | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 10,200,000    | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 7,000,000     | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 33,000,000    | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 33,000,000    | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 16,500,000    | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 417,200,000   | 0.00 Member   | Sell         |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 7,000,000     | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 29,700,000    | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 16,500,000    | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 417,200,000   | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 417,200,000   | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 33,000,000    | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 33,000,000    | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 5,000,000     | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 10,200,000    | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 9,900,000     | 0.00 Client   | Buy          |
| 10:40:06        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 5,000,000     | 0.00 Client   | Buy          |
| 15:22:38        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 312,200,000   | 0.00 Member   | Sell         |
| 15:22:38        | R2048          | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 11,500,000    | 0.00 Member   | Sell         |

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| Matched<br>Time | Contract D        | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal        | Trade<br>Type | Buy/<br>Sell |
|-----------------|-------------------|---------------|--------|--------------|-------------|-----------------|----------------|---------------|--------------|
| 15:22:38        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 11,500,000     | 0.00 Client   | Buy          |
| 15:22:38        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 312,200,000    | 0.00 Client   | Buy          |
| 15:47:01        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 34,500,000     | 0.00 Member   | Sell         |
| 15:47:01        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 432,500,000    | 0.00 Member   | Sell         |
| 15:47:01        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 432,500,000    | 0.00 Client   | Buy          |
| 15:47:01        | R2048             | On 06/08/2020 | 9.25   | Call         | Bond Future | 1               | 34,500,000     | 0.00 Client   | Buy          |
| Total for R20   | 048 Bond Future   |               |        |              |             | 30              | 3,548,800,000  | 0.00          |              |
| Grand Tota      | l for all Instrum | ents          |        |              |             | 224             | 11,662,800,000 | 0.00          |              |

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