



Johannesburg
Stock Exchange

One Exchange Square,
Gwen Lane,
Sandown, South Africa
Private Bag X991174
Sandton 2146

Tel: +27 11 520 7000
Fax: +27 11 520 8584

www.jse.co.za

Registration number: 2005/022939/06
VAT number: 4080119391

CURRENCY DERIVATIVES

CURRENCY FUTURES AND OPTIONS DETAILED TURNOVER

DATE: 09/10/2018

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
Nov 2018 \$ / R								
\$ / R 16/11/2018 Any day expiry		Sell	188	1,000	188,000.00	14.9095		2,802,986.00
		Total Futures	188		188,000.00			2,802,986.00
		Total Options						
		Total \$ / R Any day expiry	188		188,000.00			2,802,986.00
Dec 2018 \$ / R								
\$ / R 14/12/2018 Foreign Exchange Future		Sell	1	1,000	1,000.00	14.9998		14,999.80
\$ / R 14/12/2018 Foreign Exchange Future		Buy	1	1,000	1,000.00	14.8000		14,800.00
\$ / R 14/12/2018 Foreign Exchange Future		Buy	1	1,000	1,000.00	15.0532		15,053.20
\$ / R 14/12/2018 Foreign Exchange Future		Sell	1	1,000	1,000.00	15.0616		15,061.60
\$ / R 14/12/2018 Foreign Exchange Future		Buy	1	1,000	1,000.00	15.0600		15,060.00

\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0532	15,053.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1418	15,141.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.0342	15,034.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0000	15,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1367	15,136.70
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0048	15,004.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.1400	15,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.1400	15,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	14.8000	14,800.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	14.9550	14,955.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.0602	15,060.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	14.9998	14,999.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0089	15,008.90
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.1418	15,141.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.1367	15,136.70
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.0000	15,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0600	15,060.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.0089	15,008.90
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1400	15,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1400	15,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	1	1,000	1,000.00	15.0048	15,004.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1650	15,165.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.1899	15,189.90
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0342	15,034.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1100	30,220.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1006	30,201.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.1100	30,220.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0072	30,014.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1650	30,330.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0277	30,055.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0277	30,055.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0384	30,076.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1112	30,222.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1656	30,331.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.1529	30,305.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	14.7700	29,540.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0100	30,020.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	14.8250	29,650.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0674	30,134.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0384	30,076.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	14.9800	29,960.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0674	30,134.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.1006	30,201.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.1529	30,305.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.1656	30,331.20

Contract		Call/ Put	StrikeBuy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2	1,000	2,000.00	15.0072		30,014.40
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2	1,000	2,000.00	15.1112		30,222.40
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2	1,000	2,000.00	14.9800		29,960.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2	1,000	2,000.00	14.7700		29,540.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2	1,000	2,000.00	15.1300		30,260.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2	1,000	2,000.00	15.1300		30,260.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2	1,000	2,000.00	15.0048		30,009.60
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.8700		44,610.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	14.8001		44,400.30
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	14.9800		44,940.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.1299		45,389.70
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.1300		45,390.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.0830		45,249.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.8001		44,400.30
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	14.9695		44,908.50
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.8501		44,550.30
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.9800		44,940.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.9550		44,865.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.0019		45,005.70
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	14.9695		44,908.50
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.0999		45,299.70
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.1499		45,449.70
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	15.0999		45,299.70
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	14.8501		44,550.30
\$ / R 14/12/2018	Foreign Exchange Future		Sell	4	1,000	4,000.00	14.8720		59,488.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4	1,000	4,000.00	14.8720		59,488.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	4	1,000	4,000.00	14.8750		59,500.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4	1,000	4,000.00	14.8750		59,500.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	4	1,000	4,000.00	14.9747		59,898.80
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4	1,000	4,000.00	15.0047		60,018.80
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4	1,000	4,000.00	14.9747		59,898.80
\$ / R 14/12/2018	Foreign Exchange Future		Buy	5	1,000	5,000.00	15.1298		75,649.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	15.0986		75,493.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	15.0000		75,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	15.1120		75,560.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	15.0208		75,104.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	5	1,000	5,000.00	14.9829		74,914.50
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	14.8750		74,375.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	5	1,000	5,000.00	15.0400		75,200.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5	1,000	5,000.00	15.0699		75,349.50

\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.8850	74,425.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.8750	74,375.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.1165	75,582.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.1050	75,525.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.1100	75,550.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0700	75,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0010	75,005.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0657	75,328.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9642	74,821.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0000	75,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0699	75,349.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.8454	74,227.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0603	75,301.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.9800	74,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.9642	74,821.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.1217	75,608.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.9800	74,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9800	74,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0657	75,328.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0010	75,005.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.1217	75,608.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0986	75,493.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.1298	75,649.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0700	75,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.8454	74,227.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0603	75,301.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.8850	74,425.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9800	74,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.1165	75,582.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.1050	75,525.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0010	75,005.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0400	75,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0700	75,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0700	75,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0665	75,332.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	6	1,000	6,000.00	14.9550	89,730.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	7	1,000	7,000.00	15.0020	105,014.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	7	1,000	7,000.00	14.8700	104,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	8	1,000	8,000.00	15.0145	120,116.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	8	1,000	8,000.00	14.9600	119,680.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	8	1,000	8,000.00	15.0145	120,116.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	8	1,000	8,000.00	14.9600	119,680.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	9	1,000	9,000.00	15.1100	135,990.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8600	148,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8750	148,750.00

Contract	Call/ Put	StrikeBuy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8750		148,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8200		148,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8100		148,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8100		148,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8600		148,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8750		148,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8600		148,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.1000		151,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.1025		151,025.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0250		150,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0250		150,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.9879		149,879.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.9879		149,879.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0816		150,816.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0816		150,816.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0300		150,300.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0300		150,300.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8600		148,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0700		150,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8750		148,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.1052		151,052.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8850		148,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.1313		151,313.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.1125		151,125.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.9600		149,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8854		148,854.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8700		148,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0700		150,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0057		150,057.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.9700		149,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8200		148,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8100		148,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8100		148,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.1313		151,313.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0984		150,984.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.1025		151,025.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.8854		148,854.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	14.8850		148,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0057		150,057.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0745		150,745.00

\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.1125	151,125.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0984	150,984.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	12	1,000	12,000.00	15.1316	181,579.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	12	1,000	12,000.00	14.9086	178,903.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	12	1,000	12,000.00	15.1316	181,579.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	12	1,000	12,000.00	14.9086	178,903.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	14	1,000	14,000.00	15.1011	211,415.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	14	1,000	14,000.00	15.1011	211,415.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.1005	226,507.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.1000	226,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	15.0162	225,243.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.1180	226,770.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	14.9617	224,425.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	15.1180	226,770.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	15.0300	225,450.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	14.8400	222,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	14.8850	223,275.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	14.9617	224,425.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	14.8400	222,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.0300	225,450.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	15.1005	226,507.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.1800	227,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	14.8850	223,275.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	16	1,000	16,000.00	15.1100	241,760.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	17	1,000	17,000.00	15.1211	257,058.70
\$ / R 14/12/2018	Foreign Exchange Future	Sell	17	1,000	17,000.00	15.1211	257,058.70
\$ / R 14/12/2018	Foreign Exchange Future	Buy	18	1,000	18,000.00	15.1141	272,053.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	18	1,000	18,000.00	15.1141	272,053.80
\$ / R 14/12/2018	Foreign Exchange Future	Buy	19	1,000	19,000.00	15.0120	285,228.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	19	1,000	19,000.00	15.0600	286,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	14.9600	299,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0078	300,156.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0934	301,868.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	15.1050	302,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	15.0934	301,868.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.1080	302,160.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	14.9600	299,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.1050	302,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.1750	303,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	23	1,000	23,000.00	15.1400	348,220.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	23	1,000	23,000.00	15.1625	348,737.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	24	1,000	24,000.00	15.1200	362,880.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	24	1,000	24,000.00	15.1967	364,720.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	14.8750	371,875.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1183	377,957.50

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.1964		379,910.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	14.8750		371,875.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1372		378,430.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.0280		375,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	14.8863		372,157.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	14.9045		372,612.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.0700		376,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.0790		376,975.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1100		377,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	14.8850		372,125.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1200		378,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.0280		375,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1167		377,917.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.1500		378,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.1372		378,430.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	14.9045		372,612.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.1183		377,957.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	14.8863		372,157.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	14.8850		372,125.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.1167		377,917.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.1500		378,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	27	1,000	27,000.00	15.0823		407,222.10
\$ / R 14/12/2018	Foreign Exchange Future	Buy	27	1,000	27,000.00	15.0823		407,222.10
\$ / R 14/12/2018	Foreign Exchange Future	Buy	28	1,000	28,000.00	15.0038		420,106.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	28	1,000	28,000.00	14.9920		419,776.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	30	1,000	30,000.00	15.0205		450,615.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0205		450,615.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0069		450,207.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	30	1,000	30,000.00	15.0069		450,207.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	38	1,000	38,000.00	14.8250		563,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	40	1,000	40,000.00	14.8250		593,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	40	1,000	40,000.00	14.9835		599,340.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	40	1,000	40,000.00	14.9835		599,340.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	45	1,000	45,000.00	15.0656		677,952.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.1790		758,950.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	14.9530		747,650.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	14.8114		740,570.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	14.9085		745,425.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	14.9148		745,740.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	14.9259		746,295.00

\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	14.9085	745,425.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	15.1142	755,710.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	15.1790	758,950.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	14.8865	744,325.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	14.9259	746,295.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	14.9148	745,740.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	14.8000	740,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	15.0645	753,225.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	14.8000	740,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	15.1142	755,710.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	15.1729	758,645.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	15.1880	759,400.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	15.0097	750,485.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	14.8865	744,325.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	50	1,000	50,000.00	14.8114	740,570.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	50	1,000	50,000.00	15.1400	757,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	55	1,000	55,000.00	14.9839	824,114.50
\$ / R 14/12/2018	Foreign Exchange Future			Buy	56	1,000	56,000.00	14.8750	833,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	56	1,000	56,000.00	14.8750	833,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	57	1,000	57,000.00	15.1200	861,840.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	57	1,000	57,000.00	15.0104	855,592.80
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00	Sell	59	1,000	59,000.00	138.8400	8,191,560.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00	Buy	59	1,000	59,000.00	138.8400	8,191,560.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	65	1,000	65,000.00	15.0269	976,748.50
\$ / R 14/12/2018	Foreign Exchange Future			Sell	70	1,000	70,000.00	15.1200	1,058,400.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	70	1,000	70,000.00	14.9881	1,049,167.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	90	1,000	90,000.00	15.1200	1,360,800.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	94	1,000	94,000.00	14.9415	1,404,501.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	94	1,000	94,000.00	14.9415	1,404,501.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	95	1,000	95,000.00	15.1200	1,436,400.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	14.9070	1,490,700.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.0803	1,508,030.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	15.0234	1,502,340.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.1060	1,510,600.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	14.8750	1,487,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	15.0236	1,502,360.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	14.9140	1,491,400.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	14.9696	1,496,960.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	15.0600	1,506,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.9070	1,490,700.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.9696	1,496,960.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	15.0093	1,500,930.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.0236	1,502,360.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	15.1300	1,513,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.9891	1,498,910.00

Contract		Call/ Put	Strike	Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.9725		1,497,250.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.9600		1,496,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.0600		1,506,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.0093		1,500,930.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	100	1,000	100,000.00	14.8750		1,487,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	100	1,000	100,000.00	15.1300		1,513,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	136	1,000	136,000.00	15.1592		2,061,651.20
\$ / R 14/12/2018	Foreign Exchange Future			Sell	142	1,000	142,000.00	15.0126		2,131,789.20
\$ / R 14/12/2018	Foreign Exchange Future			Buy	142	1,000	142,000.00	15.0126		2,131,789.20
\$ / R 14/12/2018	Foreign Exchange Future			Sell	144	1,000	144,000.00	15.1200		2,177,280.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	150	1,000	150,000.00	15.1500		2,272,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	150	1,000	150,000.00	15.1068		2,266,020.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	150	1,000	150,000.00	15.1500		2,272,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	150	1,000	150,000.00	15.1757		2,276,355.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	150	1,000	150,000.00	15.1068		2,266,020.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	150	1,000	150,000.00	15.0000		2,250,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	172	1,000	172,000.00	15.1200		2,600,640.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00	Buy	180	1,000	180,000.00	138.8400		24,991,200.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00	Sell	180	1,000	180,000.00	138.8400		24,991,200.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	198	1,000	198,000.00	14.9086		2,951,902.80
\$ / R 14/12/2018	Foreign Exchange Future			Buy	198	1,000	198,000.00	14.9086		2,951,902.80
\$ / R 14/12/2018	Foreign Exchange Future			Sell	200	1,000	200,000.00	15.0803		3,016,060.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	200	1,000	200,000.00	15.0234		3,004,680.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	200	1,000	200,000.00	15.1874		3,037,480.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	200	1,000	200,000.00	15.1874		3,037,480.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	200	1,000	200,000.00	15.0052		3,001,040.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	200	1,000	200,000.00	15.0052		3,001,040.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9980		3,749,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	15.0180		3,754,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9680		3,742,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9580		3,739,500.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	15.0480		3,762,000.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9786		3,744,650.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9625		3,740,625.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	14.9875		3,746,875.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	250	1,000	250,000.00	14.9667		3,741,675.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	250	1,000	250,000.00	15.0946		3,773,650.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	250	1,000	250,000.00	14.8843		3,721,075.00
\$ / R 14/12/2018	Foreign Exchange Future			Buy	250	1,000	250,000.00	15.1199		3,779,975.00
\$ / R 14/12/2018	Foreign Exchange Future			Sell	250	1,000	250,000.00	15.0946		3,773,650.00

\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.8843	3,721,075.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	280	1,000	280,000.00	15.1123	4,231,444.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	280	1,000	280,000.00	15.0732	4,220,496.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	281	1,000	281,000.00	14.9844	4,210,616.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	281	1,000	281,000.00	14.9844	4,210,616.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0077	4,502,310.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.1040	4,531,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	14.9937	4,498,110.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0743	4,522,290.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0756	4,522,680.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.1350	4,540,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0041	4,501,230.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	14.9839	4,495,170.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0041	4,501,230.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0077	4,502,310.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0156	4,504,680.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.1040	4,531,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	14.8966	4,468,980.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0743	4,522,290.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0756	4,522,680.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.1350	4,540,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	14.9937	4,498,110.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	348	1,000	348,000.00	15.1200	5,261,760.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	350	1,000	350,000.00	14.9900	5,246,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	350	1,000	350,000.00	15.1111	5,288,885.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	15.1502	6,060,080.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	403	1,000	403,000.00	15.1500	6,105,450.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	424	1,000	424,000.00	14.8750	6,307,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	424	1,000	424,000.00	14.8750	6,307,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	440	1,000	440,000.00	15.0051	6,602,244.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	440	1,000	440,000.00	14.9631	6,583,764.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	495	1,000	495,000.00	15.0652	7,457,274.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	495	1,000	495,000.00	15.0652	7,457,274.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	495	1,000	495,000.00	15.0752	7,462,224.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	497	1,000	497,000.00	15.1300	7,519,610.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.9085	7,454,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	14.8702	7,435,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.8680	7,434,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	14.8734	7,436,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.9765	7,488,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	14.9085	7,454,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.8702	7,435,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.9704	7,485,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.8863	7,443,150.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.1082	7,554,100.00

Contract		Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future		Sell	500	1,000	500,000.00	14.9884		7,494,200.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	500	1,000	500,000.00	15.0769		7,538,450.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	500	1,000	500,000.00	15.1373		7,568,650.00
\$ / R 14/12/2018	Foreign Exchange Future	C	15.50 Buy	500	1,000	500,000.00	407.9000		203,950,000.00
\$ / R 14/12/2018	Foreign Exchange Future	C	15.50 Sell	500	1,000	500,000.00	407.9000		203,950,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	530	1,000	530,000.00	14.9604		7,929,012.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	530	1,000	530,000.00	14.9806		7,939,718.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	549	1,000	549,000.00	15.0985		8,289,076.50
\$ / R 14/12/2018	Foreign Exchange Future		Buy	560	1,000	560,000.00	15.1189		8,466,584.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00 Buy	661	1,000	661,000.00	138.8400		91,773,240.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00 Sell	661	1,000	661,000.00	138.8400		91,773,240.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	706	1,000	706,000.00	15.1249		10,678,179.40
\$ / R 14/12/2018	Foreign Exchange Future		Sell	712	1,000	712,000.00	15.0087		10,686,194.40
\$ / R 14/12/2018	Foreign Exchange Future		Buy	900	1,000	900,000.00	15.1730		13,655,700.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	900	1,000	900,000.00	15.1730		13,655,700.00
\$ / R 14/12/2018	Foreign Exchange Future	P	14.00 Sell	900	1,000	900,000.00	128.8400		115,956,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,000	1,000	1,000,000.00	15.1200		15,120,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	14.8870		14,887,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	15.0300		15,030,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	14.9910		14,991,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	15.0997		15,099,700.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,000	1,000	1,000,000.00	14.9307		14,930,700.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	15.0736		15,073,600.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,000	1,000	1,000,000.00	14.9733		14,973,300.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	15.1229		15,122,900.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	14.8870		14,887,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,000	1,000	1,000,000.00	14.9910		14,991,000.00
\$ / R 14/12/2018	Foreign Exchange Future	C	16.50 Sell	1,000	1,000	1,000,000.00	168.3000		168,300,000.00
\$ / R 14/12/2018	Foreign Exchange Future	C	16.50 Buy	1,000	1,000	1,000,000.00	168.3000		168,300,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,500	1,000	1,500,000.00	14.9607		22,441,050.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,500	1,000	1,500,000.00	14.9607		22,441,050.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,880	1,000	1,880,000.00	15.0060		28,211,280.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,880	1,000	1,880,000.00	15.0518		28,297,384.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,000	1,000	2,000,000.00	15.0092		30,018,400.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	15.0479		30,095,800.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	14.9733		29,946,600.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,000	1,000	2,000,000.00	14.9733		29,946,600.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	15.0092		30,018,400.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,250	1,000	2,250,000.00	14.9910		33,729,750.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,250	1,000	2,250,000.00	14.9910		33,729,750.00

\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,250	1,000	2,250,000.00	14.9910	33,729,750.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,250	1,000	2,250,000.00	14.9910	33,729,750.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,500	1,000	2,500,000.00	15.1800	37,950,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,500	1,000	2,500,000.00	14.9580	37,395,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,500	1,000	2,500,000.00	15.1800	37,950,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,500	1,000	2,500,000.00	14.9580	37,395,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	4,000	1,000	4,000,000.00	15.1218	60,487,200.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4,000	1,000	4,000,000.00	15.1218	60,487,200.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	4,400	1,000	4,400,000.00	15.0417	66,183,480.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	5,000	1,000	5,000,000.00	14.9184	74,592,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	5,000	1,000	5,000,000.00	14.9234	74,617,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	5,500	1,000	5,500,000.00	14.9960	82,478,000.00
Total Futures				111,713		111,713,000.00		1,677,744,510.80
Total Options				5,700		5,700,000		1,110,368,000.00
Total \$ / R Foreign Exchange Future				117,413		117,413,000.00		2,788,112,510.80

Dec 2018 £ / R

£ / R 14/12/2018	Foreign Exchange Future		Buy	1	1,000	1,000.00	19.8050	19,805.00
£ / R 14/12/2018	Foreign Exchange Future		Sell	1	1,000	1,000.00	19.8050	19,805.00
£ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	19.7200	59,160.00
£ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	19.7200	59,160.00
£ / R 14/12/2018	Foreign Exchange Future	C	19.30 Buy	200	1,000	200,000.00	939.5000	187,900,000.00
£ / R 14/12/2018	Foreign Exchange Future	C	19.30 Sell	200	1,000	200,000.00	939.5000	187,900,000.00
£ / R 14/12/2018	Foreign Exchange Future	C	21.00 Sell	400	1,000	400,000.00	291.9000	116,760,000.00
£ / R 14/12/2018	Foreign Exchange Future	C	21.00 Buy	400	1,000	400,000.00	291.9000	116,760,000.00
£ / R 14/12/2018	Foreign Exchange Future		Sell	500	1,000	500,000.00	19.6044	9,802,200.00
£ / R 14/12/2018	Foreign Exchange Future		Buy	500	1,000	500,000.00	19.6044	9,802,200.00
Total Futures				1,008		1,008,000.00		19,762,330.00
Total Options				1,200		1,200,000		609,320,000.00
Total £ / R Foreign Exchange Future				2,208		2,208,000.00		629,082,330.00

Dec 2018 € / R

€ / R 14/12/2018	Foreign Exchange Future		Buy	1	1,000	1,000.00	17.4162	17,416.20
€ / R 14/12/2018	Foreign Exchange Future		Sell	1	1,000	1,000.00	17.4162	17,416.20
€ / R 14/12/2018	Foreign Exchange Future		Sell	3	1,000	3,000.00	17.3400	52,020.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	3	1,000	3,000.00	17.3400	52,020.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	10	1,000	10,000.00	17.2420	172,420.00
€ / R 14/12/2018	Foreign Exchange Future		Sell	10	1,000	10,000.00	17.2420	172,420.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	10	1,000	10,000.00	17.4550	174,550.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	13	1,000	13,000.00	17.4684	227,089.20

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
€ / R 14/12/2018 Foreign Exchange Future		Sell	23	1,000	23,000.00	17.4625		401,637.50
€ / R 14/12/2018 Foreign Exchange Future		Sell	500	1,000	500,000.00	17.2313		8,615,650.00
€ / R 14/12/2018 Foreign Exchange Future		Buy	500	1,000	500,000.00	17.2313		8,615,650.00
Total Futures			1,074		1,074,000.00			18,518,289.10
Total Options								
Total € / R Foreign Exchange Future			1,074		1,074,000.00			18,518,289.10

Dec 2018 AU\$ / R

AU\$ / R 14/12/2018 Foreign Exchange Future		Sell	1	1,000	1,000.00	10.7232		10,723.20
AU\$ / R 14/12/2018 Foreign Exchange Future		Buy	1	1,000	1,000.00	10.7232		10,723.20
AU\$ / R 14/12/2018 Foreign Exchange Future		Sell	46	1,000	46,000.00	10.7235		493,281.00
AU\$ / R 14/12/2018 Foreign Exchange Future		Buy	46	1,000	46,000.00	10.7235		493,281.00
AU\$ / R 14/12/2018 Foreign Exchange Future		Sell	100	1,000	100,000.00	10.5438		1,054,380.00
AU\$ / R 14/12/2018 Foreign Exchange Future		Buy	100	1,000	100,000.00	10.5438		1,054,380.00
Total Futures			294		294,000.00			3,116,768.40
Total Options								
Total AU\$ / R Foreign Exchange Future			294		294,000.00			3,116,768.40

Dec 2018 CHF / R

CHF / R 14/12/2018 Foreign Exchange Future		Sell	100	1,000	100,000.00	15.0741		1,507,410.00
CHF / R 14/12/2018 Foreign Exchange Future		Buy	100	1,000	100,000.00	15.0741		1,507,410.00
Total Futures			200		200,000.00			3,014,820.00
Total Options								
Total CHF / R Foreign Exchange Future			200		200,000.00			3,014,820.00

Mar 2019 \$ / R

\$ / R 18/03/2019 Foreign Exchange Future		Buy	2	1,000	2,000.00	15.3050		30,610.00
\$ / R 18/03/2019 Foreign Exchange Future		Sell	2	1,000	2,000.00	15.3050		30,610.00
\$ / R 18/03/2019 Foreign Exchange Future		Buy	3	1,000	3,000.00	15.1880		45,564.00
\$ / R 18/03/2019 Foreign Exchange Future		Sell	3	1,000	3,000.00	15.1880		45,564.00
\$ / R 18/03/2019 Foreign Exchange Future		Sell	10	1,000	10,000.00	15.2836		152,836.00
\$ / R 18/03/2019 Foreign Exchange Future		Buy	10	1,000	10,000.00	15.2836		152,836.00

\$ / R 18/03/2019	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.3355	1,533,550.00
\$ / R 18/03/2019	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.3355	1,533,550.00
\$ / R 18/03/2019	Foreign Exchange Future	Buy	188	1,000	188,000.00	15.1440	2,847,072.00
\$ / R 18/03/2019	Foreign Exchange Future	Sell	188	1,000	188,000.00	15.1440	2,847,072.00
\$ / R 18/03/2019	Foreign Exchange Future	Sell	500	1,000	500,000.00	15.0557	7,527,850.00
\$ / R 18/03/2019	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0557	7,527,850.00
\$ / R 18/03/2019	Foreign Exchange Future	Sell	1,000	1,000	1,000,000.00	15.3084	15,308,400.00
\$ / R 18/03/2019	Foreign Exchange Future	Buy	1,000	1,000	1,000,000.00	15.3084	15,308,400.00
Total Futures			3,606		3,606,000.00		54,891,764.00

Total Options

Total \$ / R Foreign Exchange Future

3,606

3,606,000.00

54,891,764.00

Mar 2019 € / R

€ / R 18/03/2019	Foreign Exchange Future	Sell	25	1,000	25,000.00	17.6544	441,360.00
€ / R 18/03/2019	Foreign Exchange Future	Buy	25	1,000	25,000.00	17.6544	441,360.00
Total Futures			50		50,000.00		882,720.00

Total Options

Total € / R Foreign Exchange Future

50

50,000.00

882,720.00

Mar 2019 AU\$ / R

AU\$ / R 18/03/2019	Foreign Exchange Future	Sell	100	1,000	100,000.00	10.6880	1,068,800.00
AU\$ / R 18/03/2019	Foreign Exchange Future	Buy	100	1,000	100,000.00	10.6880	1,068,800.00
Total Futures			200		200,000.00		2,137,600.00

Total Options

Total AU\$ / R Foreign Exchange Future

200

200,000.00

2,137,600.00

Jun 2019 \$ / R

\$ / R 14/06/2019	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.4636	154,636.00
\$ / R 14/06/2019	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.4636	154,636.00
Total Futures			20		20,000.00		309,272.00

Total Options

Total \$ / R Foreign Exchange Future

20

20,000.00

309,272.00

Contract	Call/ Put	StrikeBuy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
Total Futures			118,353		118,353,000.00			1 783 181 060.30
Total Options			6,900		6,900,000.00			1 719 688 000.00
Grand Total for Currency Future Detailed Turnover			125,253		125,253,000.00			3 502 869 060.30