

**Majors**

| Band 1 (mio)             | \$(m)             | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 0.20%                | 500      | \$ 20,000.00      | \$ 20,000.00       |
| 10-20mio                 | \$ 10,000,000.00  | 0.50%                | 200      | \$ 50,000.00      | \$ 70,000.00       |
| 20-35mio                 | \$ 15,000,000.00  | 2.00%                | 50       | \$ 300,000.00     | \$ 370,000.00      |
| 35-50mio                 | \$ 15,000,000.00  | 4.00%                | 25       | \$ 600,000.00     | \$ 970,000.00      |
| 50-100mio                | \$ 50,000,000.00  | 8.00%                | 12.5     | \$ 4,000,000.00   | \$ 4,970,000.00    |
| 100-250mio               | \$ 150,000,000.00 | 12.00%               | 8.333333 | \$ 18,000,000.00  | \$ 22,970,000.00   |
| >250mio                  | \$ 250,000,000.00 | 100.00%              | 1        | \$ 250,000,000.00 | \$ 272,970,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 272,970,000.00 |                    |

**Minors**

| Band 2 (mio)             | \$(m)             | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 0.50%                | 200      | \$ 50,000.00      | \$ 50,000.00       |
| 10-20mio                 | \$ 10,000,000.00  | 2.00%                | 50       | \$ 200,000.00     | \$ 250,000.00      |
| 20-35mio                 | \$ 15,000,000.00  | 4.00%                | 25       | \$ 600,000.00     | \$ 850,000.00      |
| 35-50mio                 | \$ 15,000,000.00  | 8.00%                | 12.5     | \$ 1,200,000.00   | \$ 2,050,000.00    |
| 50-150mio                | \$ 100,000,000.00 | 12.00%               | 8.333333 | \$ 12,000,000.00  | \$ 14,050,000.00   |
| >150mio                  | \$ 150,000,000.00 | 100.00%              | 1        | \$ 150,000,000.00 | \$ 164,050,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 164,050,000.00 |                    |

**TRY**

| Band 3 (mio)             | \$(m)             | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 1.00%                | 100      | \$ 100,000.00     | \$ 100,000.00      |
| 10-20mio                 | \$ 10,000,000.00  | 2.00%                | 50       | \$ 200,000.00     | \$ 300,000.00      |
| 20-50mio                 | \$ 30,000,000.00  | 5.00%                | 20       | \$ 1,500,000.00   | \$ 1,800,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 12.00%               | 8.33     | \$ 6,000,000.00   | \$ 7,800,000.00    |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 107,800,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 107,800,000.00 |                    |

**Exotics**

| Band 3 (mio)             | \$(m)             | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 2.00%                | 50       | \$ 200,000.00     | \$ 200,000.00      |
| 10-20mio                 | \$ 10,000,000.00  | 4.00%                | 25       | \$ 400,000.00     | \$ 600,000.00      |
| 20-50mio                 | \$ 30,000,000.00  | 8.00%                | 12.5     | \$ 2,400,000.00   | \$ 3,000,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 12.00%               | 8.33     | \$ 6,000,000.00   | \$ 9,000,000.00    |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 109,000,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 109,000,000.00 |                    |

**Metals - XAU**

| Metals Band              | \$(m)             | Proposed Margin | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|-----------------|----------|-------------------|--------------------|
| 0-0.25mio                | \$ 250,000.00     | 0.50%           | 200      | \$ 1,250.00       | \$ 1,250.00        |
| 0.25-7.5mio              | \$ 7,250,000.00   | 1.00%           | 100      | \$ 72,500.00      | \$ 73,750.00       |
| 7.5-15mio                | \$ 7,500,000.00   | 2.00%           | 50       | \$ 150,000.00     | \$ 223,750.00      |
| 15-30mio                 | \$ 15,000,000.00  | 4.00%           | 25       | \$ 600,000.00     | \$ 823,750.00      |
| 30-50mio                 | \$ 20,000,000.00  | 8.00%           | 12.5     | \$ 1,600,000.00   | \$ 2,423,750.00    |
| 50-100mio                | \$ 50,000,000.00  | 15.00%          | 6.67     | \$ 7,500,000.00   | \$ 9,923,750.00    |
| 100-200mio               | \$ 100,000,000.00 | 30.00%          | 3.33     | \$ 30,000,000.00  | \$ 39,923,750.00   |
| >200mio                  | \$ 200,000,000.00 | 100.00%         | 1        | \$ 200,000,000.00 | \$ 239,923,750.00  |
| TOTAL MARGIN REQUIREMENT |                   |                 |          | \$ 239,923,750.00 |                    |

**Metals - XAG, XPD, XPT**

| Metals Band              | \$(m)             | Proposed Margin | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|-----------------|----------|-------------------|--------------------|
| 0-7.5mio                 | \$ 7,500,000.00   | 2.00%           | 50       | \$ 150,000.00     | \$ 150,000.00      |
| 7.5-15mio                | \$ 7,500,000.00   | 4.00%           | 25       | \$ 300,000.00     | \$ 450,000.00      |
| 15-30mio                 | \$ 15,000,000.00  | 8.00%           | 12.5     | \$ 1,200,000.00   | \$ 1,650,000.00    |
| 30-50mio                 | \$ 20,000,000.00  | 15.00%          | 6.67     | \$ 3,000,000.00   | \$ 4,650,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 30.00%          | 3.33     | \$ 15,000,000.00  | \$ 19,650,000.00   |
| 100-150mio               | \$ 50,000,000.00  | 50.00%          | 2        | \$ 25,000,000.00  | \$ 44,650,000.00   |
| >150mio                  | \$ 150,000,000.00 | 100.00%         | 1        | \$ 150,000,000.00 | \$ 194,650,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                 |          | \$ 194,650,000.00 |                    |

**Major Indices**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 0.20%                | 500      | \$ 20,000.00      | \$ 20,000.00       |
| 10-20mio                 | \$ 10,000,000.00  | 0.50%                | 200      | \$ 50,000.00      | \$ 70,000.00       |
| 20-50mio                 | \$ 30,000,000.00  | 1.00%                | 100      | \$ 300,000.00     | \$ 370,000.00      |
| 50-100mio                | \$ 50,000,000.00  | 2.00%                | 50       | \$ 1,000,000.00   | \$ 1,370,000.00    |
| 100-200mio               | \$ 100,000,000.00 | 4.00%                | 25       | \$ 4,000,000.00   | \$ 5,370,000.00    |
| 200-250mio               | \$ 50,000,000.00  | 8.00%                | 12.5     | \$ 4,000,000.00   | \$ 9,370,000.00    |
| >250mio                  | \$ 250,000,000.00 | 100.00%              | 1        | \$ 250,000,000.00 | \$ 259,370,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 259,370,000.00 |                    |

**Minor Indices / Asia**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 1.00%                | 100      | \$ 100,000.00     | \$ 100,000.00      |
| 10-25mio                 | \$ 15,000,000.00  | 2.00%                | 50       | \$ 300,000.00     | \$ 400,000.00      |
| 25-50mio                 | \$ 25,000,000.00  | 4.00%                | 25       | \$ 1,000,000.00   | \$ 1,400,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 8.00%                | 12.5     | \$ 4,000,000.00   | \$ 5,400,000.00    |
| 100-125mio               | \$ 25,000,000.00  | 12.00%               | 8.33     | \$ 3,000,000.00   | \$ 8,400,000.00    |
| >125mio                  | \$ 125,000,000.00 | 100.00%              | 1        | \$ 125,000,000.00 | \$ 133,400,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 133,400,000.00 |                    |

| Majors | Minors | TRY    | Exotics |
|--------|--------|--------|---------|
| AUDCAD | AUDNZD | EURTRY | EURRUB  |
| AUDCHF | CHFNOK | TRYJPY | ZARJPY  |
| AUDJPY | CHFSEK | GBPTRY | USDMXN  |
| AUDUSD | EURCZK | USDTRY | USDZAR  |
| CADCHF | EURHUF |        |         |
| CADJPY | EURNOK |        |         |
| CHFJPY | EURNZD |        |         |
| EURAUD | EURPLN |        |         |
| EURCAD | EURSEK |        |         |
| EURCHF | GBPUSD |        |         |
| EURGBP | GBPSEK |        |         |
| EURJPY | GBPSEK |        |         |
| EURUSD | HKDJPY |        |         |
| GBPAUD | NOKJPY |        |         |
| GBPCAD | NOKSEK |        |         |
| GBPCHF | NZDCAD |        |         |
| GBPJPY | NZDCHF |        |         |
| GBPUSD | NZDJPY |        |         |
| USDCAD | NZDUSD |        |         |
| USDCHF | SEKJPY |        |         |
| USDJPY | SGDJPY |        |         |
|        | USDCNH |        |         |
|        | USDCZK |        |         |
|        | USDDKK |        |         |
|        | USDHKD |        |         |
|        | USDHUF |        |         |
|        | USDNOK |        |         |
|        | USDPLN |        |         |
|        | USDSEK |        |         |
|        | USDSGD |        |         |
|        | EURDKK |        |         |
|        | EURHKD |        |         |
|        | EURSGD |        |         |
|        | GBPHKD |        |         |

**Major Indices Minor Indices**

|         |            |
|---------|------------|
| US30    | All others |
| US500   |            |
| USNDX   |            |
| EUSTOXX |            |
| GERMAN  |            |
| UK100   |            |
| CAC     |            |

**Energy (Majors)**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-5mio                   | \$ 5,000,000.00   | 0.50%                | 200      | \$ 25,000.00      | \$ 25,000.00       |
| 5-15mio                  | \$ 10,000,000.00  | 1.00%                | 100      | \$ 100,000.00     | \$ 125,000.00      |
| 15-30mio                 | \$ 15,000,000.00  | 2.00%                | 50       | \$ 300,000.00     | \$ 425,000.00      |
| 30-50mio                 | \$ 20,000,000.00  | 5.00%                | 20       | \$ 1,000,000.00   | \$ 1,425,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 15.00%               | 6.67     | \$ 7,500,000.00   | \$ 8,925,000.00    |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 108,925,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 108,925,000.00 |                    |

**Energy (Minors)/Others**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-5mio                   | \$ 5,000,000.00   | 1.00%                | 100      | \$ 50,000.00      | \$ 50,000.00       |
| 5-15mio                  | \$ 10,000,000.00  | 2.00%                | 50       | \$ 200,000.00     | \$ 250,000.00      |
| 15-30mio                 | \$ 15,000,000.00  | 5.00%                | 20       | \$ 750,000.00     | \$ 1,000,000.00    |
| 30-50mio                 | \$ 20,000,000.00  | 10.00%               | 10       | \$ 2,000,000.00   | \$ 3,000,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 25.00%               | 4        | \$ 12,500,000.00  | \$ 15,500,000.00   |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 115,500,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 115,500,000.00 |                    |

**Metals CFD's**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 1.00%                | 100      | \$ 100,000.00     | \$ 100,000.00      |
| 10-30mio                 | \$ 20,000,000.00  | 2.00%                | 50       | \$ 400,000.00     | \$ 500,000.00      |
| 30-50mio                 | \$ 20,000,000.00  | 4.00%                | 25       | \$ 800,000.00     | \$ 1,300,000.00    |
| 50-100mio                | \$ 50,000,000.00  | 8.00%                | 12.5     | \$ 4,000,000.00   | \$ 5,300,000.00    |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 105,300,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 105,300,000.00 |                    |

**Interest rates**

| Band 1 (mio)             | Millions          | Proposed Margin rate | Leverage | Margin Required   | Accumulated Margin |
|--------------------------|-------------------|----------------------|----------|-------------------|--------------------|
| 0-10mio                  | \$ 10,000,000.00  | 0.50%                | 200      | \$ 50,000.00      | \$ 50,000.00       |
| 10-30mio                 | \$ 20,000,000.00  | 1.00%                | 100      | \$ 200,000.00     | \$ 250,000.00      |
| 30-50mio                 | \$ 20,000,000.00  | 2.00%                | 50       | \$ 400,000.00     | \$ 650,000.00      |
| 50-100mio                | \$ 50,000,000.00  | 4.00%                | 25       | \$ 2,000,000.00   | \$ 2,650,000.00    |
| >100mio                  | \$ 100,000,000.00 | 100.00%              | 1        | \$ 100,000,000.00 | \$ 102,650,000.00  |
| TOTAL MARGIN REQUIREMENT |                   |                      |          | \$ 102,650,000.00 |                    |

**Equities**

| Band 1 (mio)             | Millions         | Proposed Margin rate | Leverage | Margin Required  | Accumulated Margin |
|--------------------------|------------------|----------------------|----------|------------------|--------------------|
| 0-2.5mio                 | \$ 2,500,000.00  | 5.00%                | 20       | \$ 125,000.00    | \$ 125,000.00      |
| 2.5-5mio                 | \$ 2,500,000.00  | 10.00%               | 10       | \$ 250,000.00    | \$ 375,000.00      |
| 5-10mio                  | \$ 5,000,000.00  | 15.00%               | 6.67     | \$ 750,000.00    | \$ 1,125,000.00    |
| 10-20mio                 | \$ 10,000,000.00 | 30.00%               | 3.33     | \$ 3,000,000.00  | \$ 4,125,000.00    |
| 20-50mio                 | \$ 30,000,000.00 | 50.00%               | 2        | \$ 15,000,000.00 | \$ 19,125,000.00   |
| >50mio                   | \$ 50,000,000.00 | 100.00%              | 1        | \$ 50,000,000.00 | \$ 69,125,000.00   |
| TOTAL MARGIN REQUIREMENT |                  |                      |          | \$ 69,125,000.00 |                    |

**Crypto Currencies - Bitcoin**

| Band 1                   | \$            | Proposed Margin rate | Leverage | Margin Required | Accumulated Margin |
|--------------------------|---------------|----------------------|----------|-----------------|--------------------|
| 0-50k                    | \$ 50,000.00  | 25.00%               | 4        | \$ 12,500.00    | \$ 12,500.00       |
| 50-100k                  | \$ 50,000.00  | 50.00%               | 2        | \$ 25,000.00    | \$ 37,500.00       |
| >100k                    | \$ 100,000.00 | 100.00%              | 1        | \$ 100,000.00   | \$ 137,500.00      |
| TOTAL MARGIN REQUIREMENT |               |                      |          | \$ 137,500.00   |                    |

**Crypto Currencies - Ethereum**

| Band 1                   | \$           | Proposed Margin rate | Leverage | Margin Required | Accumulated Margin |
|--------------------------|--------------|----------------------|----------|-----------------|--------------------|
| 0-20k                    | \$ 20,000.00 | 25.00%               | 4        | \$ 5,000.00     | \$ 5,000.00        |
| 20-50k                   | \$ 30,000.00 | 60.00%               | 1.67     | \$ 18,000.00    | \$ 23,000.00       |
| >50k                     | \$ 50,000.00 | 100.00%              | 1        | \$ 50,000.00    | \$ 73,000.00       |
| TOTAL MARGIN REQUIREMENT |              |                      |          | \$ 73,000.00    |                    |