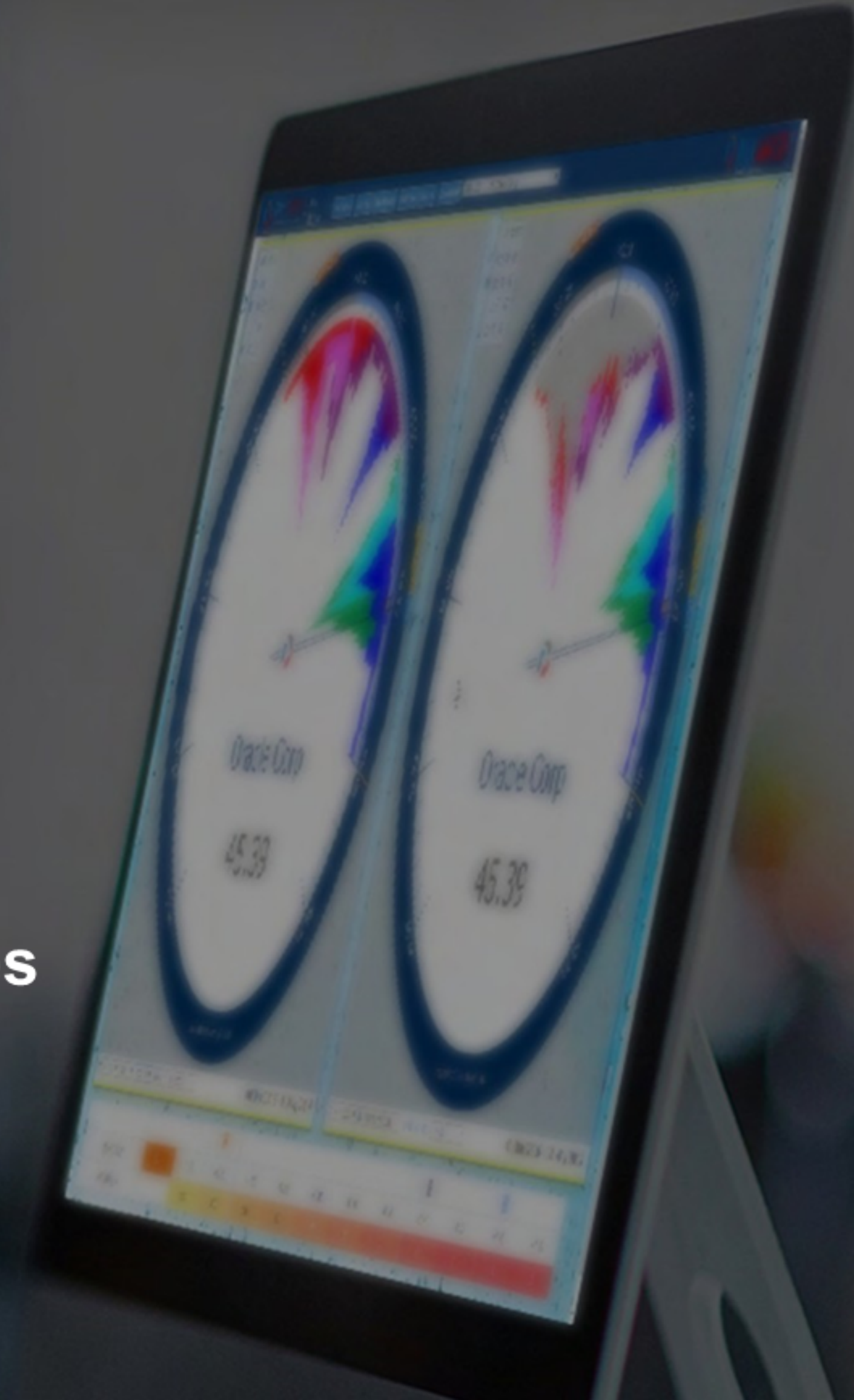




**QUANTLOGIC**  
A quantum leap in equity analysis

# Quantlogic Edge Sector Analytics Report

## Communications Sector Communications Industry Groups & Industries







Indicator

Sector Analytics

Category

Industry

Speedo Settings

LHS: 84 Months-Weekly (Speedo)

RHS: 12 Months-Weekly (Chart)

Color Key: Last 12 - Monthly

Sector

Communication Services

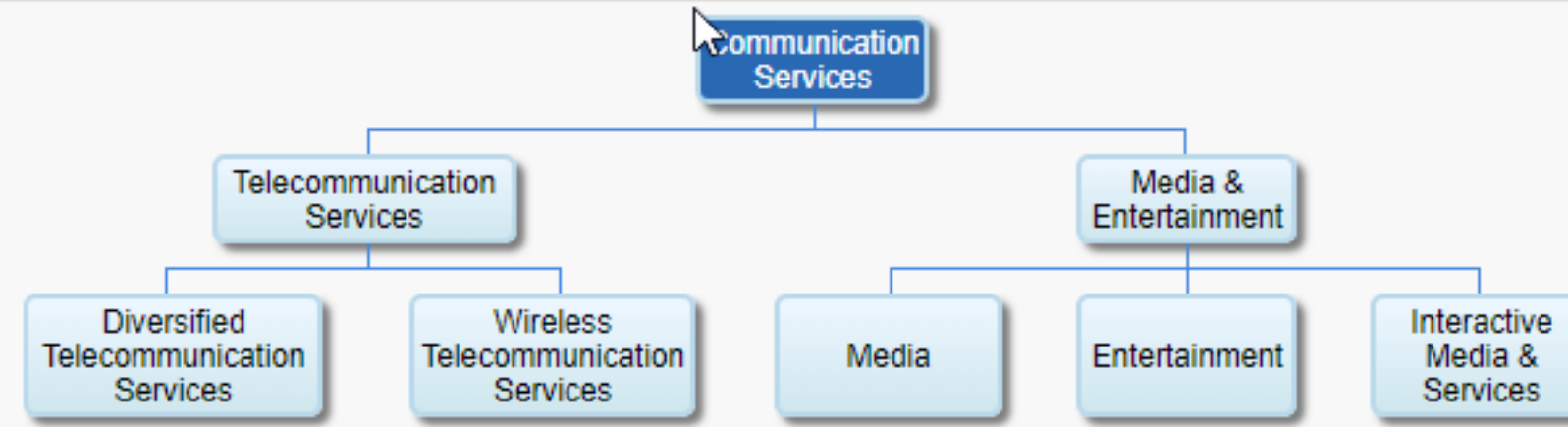
Stock Exchange

New York Stock Exchange (NYSE)

Symbol list

S&P500, Data drawn from 500 Symbols

Sector Classification



Sector Analytics - Relative Performance Analytics

Relative performance of various time periods, Ranging between 1 day and 84 Months.

Sector  
Communication Services

Symbol (Sector)  
\$SP500\_50

Market  
S&P500

| Symbol                          | Description                            | Category     | Date                                       | Close   | Rank# | 1D       | 5D       | 10D      | MTD      | 1 mos    | 2 mos    | 3 mos    | 6 mos    | 12 mos   | 24 mos   | 36 mos   | 48 mos   | 60 mos   | 72 mos   | 84 mos   |
|---------------------------------|--|--------------|--|---------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| \$SP500_502010                  | Media                                  | Industry     | 10/14/2024                                 | 582.64  | 1     | 0.61     | -0.41    | -0.36    | -1.67    | -0.19    | -3.49    | 3.83     | -3.97    | -37.93   | -31.68   | -60.93   | -79.33   | -105.19  | -100.97  | -129.51  |
| \$SP500_501020                  | Wireless Telecommunication Services    | Industry     | 10/14/2024                                 | 271.76  | 2     | 0.58     | 0.63     | 1.78     | 3.11     | 2.29     | 2.71     | 15.91    | 20.53    | 17.01    | 2.57     | 51.12    | 10.75    | 74.21    | -96.27   | -114.01  |
| \$INX                           | S&P 500 Index                          | Index        | 10/14/2024                                 | 5859.85 | 3     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| \$SP500_502030                  | Interactive Media & Services           | Industry     | 10/14/2024                                 | 308.76  | 4     | -0.12    | -0.05    | -3.02    | -0.08    | 3.82     | -2.96    | -4.86    | -5.51    | 5.95     | 66.63    | 4.95     | 43.45    | 89.57    | 113.04   | -129.51  |
| \$SP500_5020                    | Media & Entertainment                  | IG           | 10/14/2024                                 | 1296.05 | 5     | -0.22    | -0.32    | -2.73    | -0.49    | 2.76     | -2.31    | -3.55    | -6.51    | 2.18     | 42.45    | -14.34   | -0.13    | 19.89    | 27.72    | -129.51  |
| \$SP500_50                      | Communications                         | Sector       | 10/14/2024                                 | 316.22  | 6     | -0.24    | -0.57    | -2.76    | -0.81    | 1.97     | -2.07    | -2.61    | -5.26    | 2.98     | 32.53    | -15.85   | -11.9    | -9.33    | -3.88    | -22.98   |
| \$SP500_5010                    | Telecommunication Services             | IG           | 10/14/2024                                 | 146.45  | 7     | -0.41    | -2.66    | -3       | -3.54    | -4.47    | 0.16     | 6.47     | 7.08     | 10.55    | -26.25   | -28.33   | -71.28   | -111.67  | -116.46  | -133.86  |
| \$SP500_501010                  | Diversified Telecommunication Services | Industry     | 10/14/2024                                 | 122.53  | 8     | -0.72    | -3.65    | -4.42    | -5.47    | -6.42    | -0.52    | 3.78     | 3.31     | 8.7      | -33.93   | -42.52   | -84.89   | -126.91  | -133.15  | -150.62  |
| \$SP500_502020                  | Entertainment                          | Industry     | 10/14/2024                                 | 130.32  | 9     | -1.15    | -1.73    | -2.24    | -2.11    | -1.38    | 1.87     | 0.63     | -12.62   | 9.14     | 2.1      | -49.05   | -65.46   | -61.45   | -78.93   | -129.51  |
| <b>Subsidiary indexes Count</b> |  | <b>8 / 9</b> | <b>Subsidiary indexes Outperform Count</b> |         |       | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>4</b> | <b>3</b> | <b>5</b> | <b>3</b> | <b>7</b> | <b>5</b> | <b>2</b> | <b>2</b> | <b>3</b> | <b>2</b> | <b>0</b> |

84 Months O: 0 H: 919.09 L: 427.67 C: 582.64

12 Months - O: 564.91 H: 629.78 L: 503.46 C: 582.64

### Sector Information

- SEC** Communication Services
- IG** Media & Entertainment
- IND** Media
- SYM** \$SP500\_502010

### Price Control Point (PCPs)

|                    |                    |
|--------------------|--------------------|
| <b>2M-D</b> 557.4  | <b>3M-D</b> 529.6  |
| <b>3M-W</b> 529.5  | <b>6M-D</b> 529.7  |
| <b>6M-W</b> 529.6  | <b>12M-D</b> 529.7 |
| <b>12M-W</b> 565.5 | <b>24M-W</b> 565.1 |
| <b>36M-W</b> 565.1 | <b>48M-W</b> 565.2 |
| <b>60M-W</b> 565.1 | <b>72M-W</b> 570.8 |
| <b>84M-W</b> 570.9 |                    |

### Price Control Cluster (PCCs)

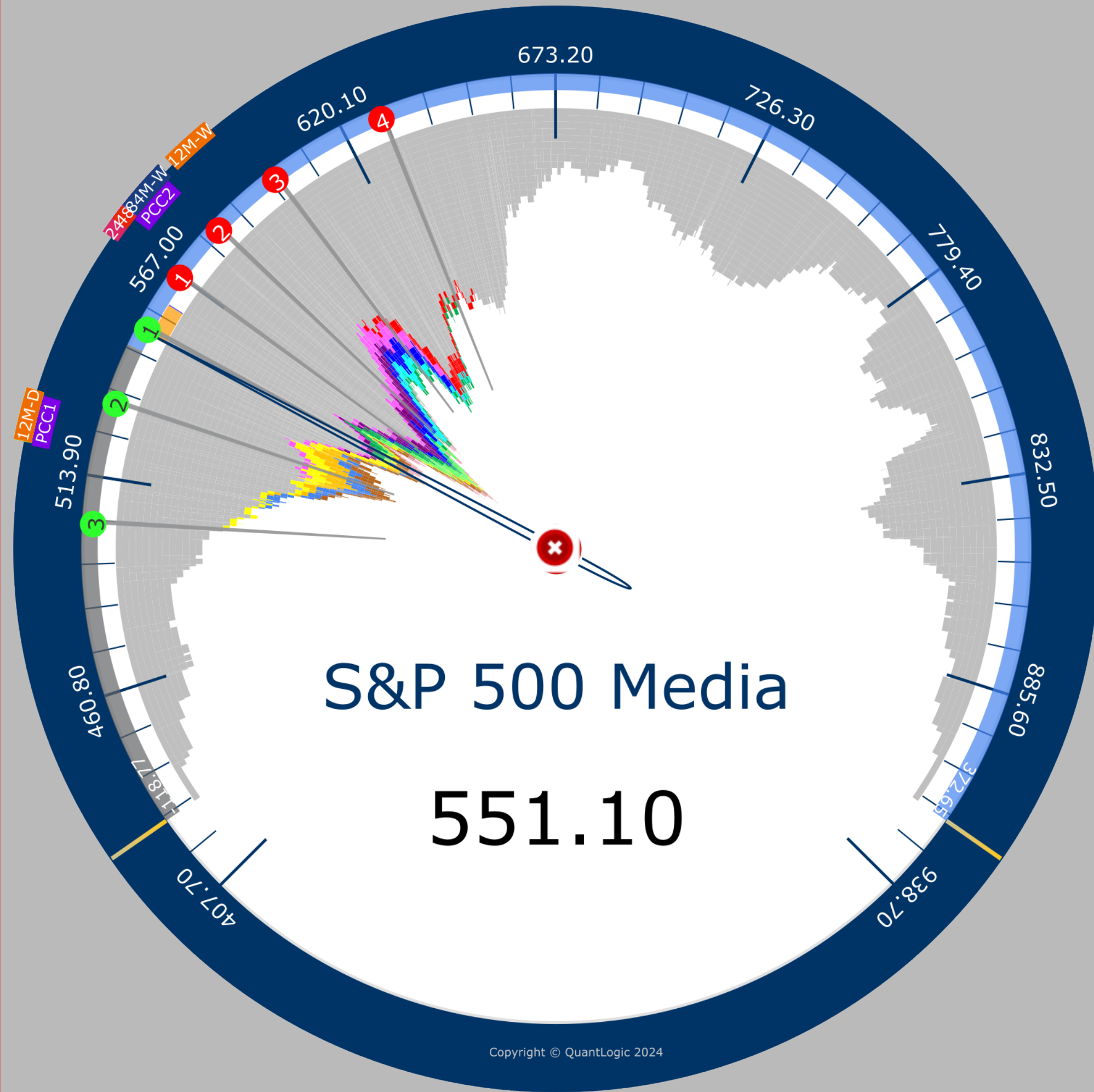
|                 |                 |
|-----------------|-----------------|
| <b>PCC1</b> 529 | <b>PCC2</b> 565 |
|-----------------|-----------------|

### Color Key (Monthly)

|                           |          |
|---------------------------|----------|
| Nov 2023 - Oct 2023 (LHS) |          |
| Nov 2023                  | Dec 2023 |
| Jan 2024                  | Feb 2024 |
| Mar 2024                  | Apr 2024 |
| May 2024                  | Jun 2024 |
| Jul 2024                  | Aug 2024 |
| Sep 2024                  | Oct 2024 |

### S&R: Fib Retracements (12 mos)

|                |                |
|----------------|----------------|
| <b>1</b> 581.5 | <b>2</b> 600   |
| <b>3</b> 629.8 | <b>1</b> 566.6 |
| <b>2</b> 551.7 | <b>3</b> 533.3 |



01 Nov 2017 - 14 Oct 2024

84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

## S&P 500 Media [Weekly]

S&R: Fibonacci Retracement 12M



14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM



**Sector Information**

- SEC Communication Services
- IG Telecommunication Services
- IND Wireless Telecommunication Services
- SYM \$SP500\_501020

**Price Control Point (PCPs)**

- |   |   |
|---|---|
| <span style="background-color: #0056b3; color: white; padding: 2px;">2M-D</span> 225.2  | <span style="background-color: #008000; color: white; padding: 2px;">3M-D</span> 224.9  |
| <span style="background-color: #008000; color: white; padding: 2px;">3M-W</span> 225    | <span style="background-color: #ff8c00; color: white; padding: 2px;">6M-D</span> 206.1  |
| <span style="background-color: #ff8c00; color: white; padding: 2px;">6M-W</span> 205.8  | <span style="background-color: #ff4500; color: white; padding: 2px;">12M-D</span> 205.5 |
| <span style="background-color: #ff4500; color: white; padding: 2px;">12M-W</span> 204.4 | <span style="background-color: #800000; color: white; padding: 2px;">24M-W</span> 176   |
| <span style="background-color: #4b0082; color: white; padding: 2px;">36M-W</span> 174.1 | <span style="background-color: #800000; color: white; padding: 2px;">48M-W</span> 166   |
| <span style="background-color: #000080; color: white; padding: 2px;">60M-W</span> 166   | <span style="background-color: #800000; color: white; padding: 2px;">72M-W</span> 166   |
| <span style="background-color: #000080; color: white; padding: 2px;">84M-W</span> 166   |   |

**Price Control Cluster (PCCs)**

- |  |  |
|--|--|
| <span style="background-color: #800080; color: white; padding: 2px;">PCC1</span> 166 | <span style="background-color: #800080; color: white; padding: 2px;">PCC2</span> 205 |
| <span style="background-color: #000080; color: white; padding: 2px;">PCC3</span> 225 |  |

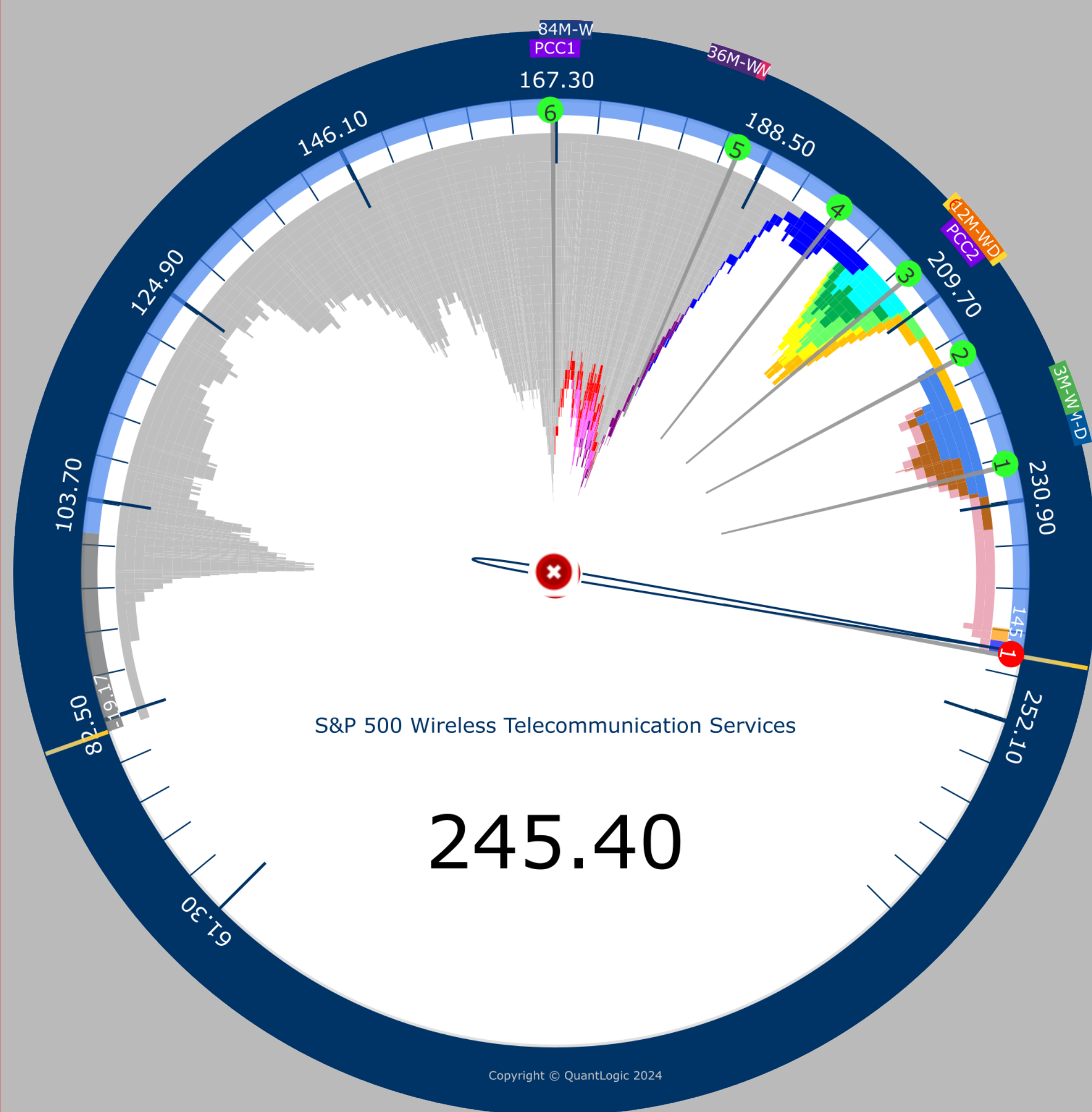
**Color Key (Monthly)**

- |   |  |
|---|--|
| <span style="background-color: #cccccc; border: 1px solid #000; padding: 2px;">Nov 2023 - Oct 2023 (LHS)</span> |  |
| <span style="background-color: #ff0000; border: 1px solid #000; padding: 2px;">Nov 2023</span>                  | <span style="background-color: #ff00ff; border: 1px solid #000; padding: 2px;">Dec 2023</span> |
| <span style="background-color: #800080; border: 1px solid #000; padding: 2px;">Jan 2024</span>                  | <span style="background-color: #0000ff; border: 1px solid #000; padding: 2px;">Feb 2024</span> |
| <span style="background-color: #00ffff; border: 1px solid #000; padding: 2px;">Mar 2024</span>                  | <span style="background-color: #008000; border: 1px solid #000; padding: 2px;">Apr 2024</span> |
| <span style="background-color: #90ee90; border: 1px solid #000; padding: 2px;">May 2024</span>                  | <span style="background-color: #ffff00; border: 1px solid #000; padding: 2px;">Jun 2024</span> |
| <span style="background-color: #ffcc00; border: 1px solid #000; padding: 2px;">Jul 2024</span>                  | <span style="background-color: #0000ff; border: 1px solid #000; padding: 2px;">Aug 2024</span> |
| <span style="background-color: #800000; border: 1px solid #000; padding: 2px;">Sep 2024</span>                  | <span style="background-color: #ffb6c1; border: 1px solid #000; padding: 2px;">Oct 2024</span> |

**S&R: Fib Retracements (12 mos)**

- |   |   |
|---|---|
| <span style="background-color: #ff0000; border: 1px solid #000; border-radius: 50%; padding: 2px;">1</span> 272.2 | <span style="background-color: #008000; border: 1px solid #000; border-radius: 50%; padding: 2px;">1</span> 250.6 |
| <span style="background-color: #008000; border: 1px solid #000; border-radius: 50%; padding: 2px;">2</span> 237.2 | <span style="background-color: #008000; border: 1px solid #000; border-radius: 50%; padding: 2px;">3</span> 226.4 |
| <span style="background-color: #008000; border: 1px solid #000; border-radius: 50%; padding: 2px;">4</span> 215.6 | <span style="background-color: #008000; border: 1px solid #000; border-radius: 50%; padding: 2px;">5</span> 202.2 |

84 Months O: 0 H: 272.18 L: 81.26 C: 271.76



01 Nov 2017 - 14 Oct 2024

84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

12 Months - O: 181.76 H: 272.18 L: 180.6 C: 271.76



14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM

84 Months O: 2583.21 H: 5871.41 L: 2191.86 C: 5859.85

12 Months - O: 4201.27 H: 5871.41 L: 4197.74 C: 5859.85

Sector Information

SEC -  
IG -  
SYM \$INX

Price Control Point (PCPs)

2M-D 5714.9    3M-D 5617.8  
3M-W 5561.4    6M-D 5472.1  
6M-W 5501.3    12M-D 5472.1  
12M-W 5501.3    24M-W 3958  
36M-W 3958    48M-W 4451.8  
60M-W 4451.8    72M-W 4451.8  
84M-W 2730.9

Price Control Cluster (PCCs)

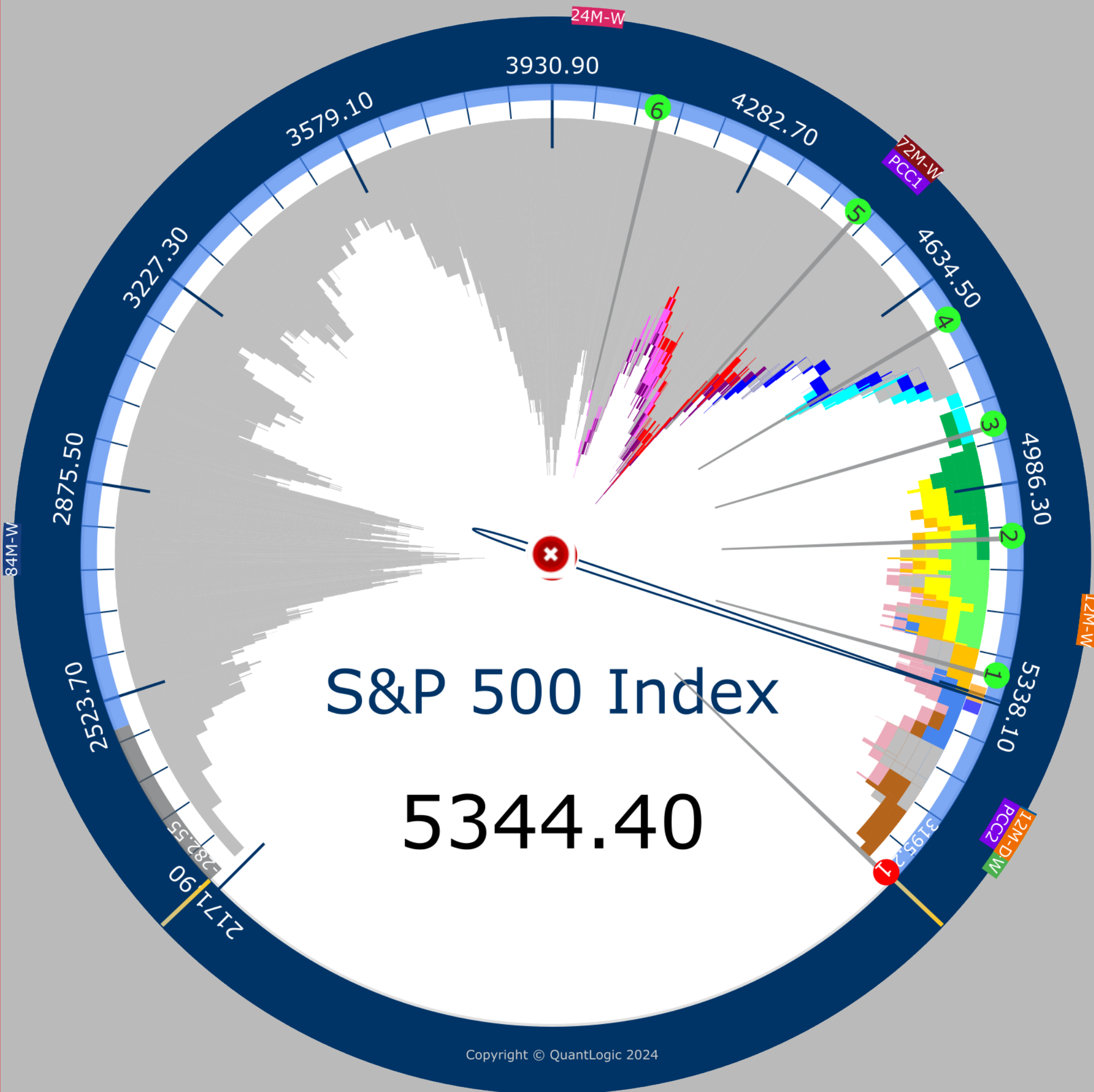
PCC1 4451    PCC2 5720

Color Key (Monthly)

Nov 2023 - Oct 2023 (LHS)  
Nov 2023    Dec 2023  
Jan 2024    Feb 2024  
Mar 2024    Apr 2024  
May 2024    Jun 2024  
Jul 2024    Aug 2024  
Sep 2024    Oct 2024

S&R: Fib Retracements (12 mos)

1 5871.4    1 5476.4  
2 5232.1    3 5034.6  
4 4837.1    5 4592.7



01 Nov 2017 - 14 Oct 2024

# S&P 500 Index [Weekly]

S&R: Fibonacci Retracement 12M



84 Months    Weekly    Monthly    Last 12    84 Months

08/13/24 (D)

14 Oct 2024    12 Months    Weekly    08/13/2024    1:59 AM



84 Months O: 0 H: 326.14 L: 81.24 C: 308.76

12 Months - O: 201 H: 326.14 L: 201 C: 308.76

### Sector Information

- SEC** Communication Services
- IG** Media & Entertainment
- IND** Interactive Media & Services
- SYM** \$SP500\_502030

### Price Control Point (PCPs)

|                    |                    |
|--------------------|--------------------|
| <b>2M-D</b> 288.6  | <b>3M-D</b> 299.3  |
| <b>3M-W</b> 299.4  | <b>6M-D</b> 286.1  |
| <b>6M-W</b> 283.9  | <b>12M-D</b> 214.6 |
| <b>12M-W</b> 214.6 | <b>24M-W</b> 214.6 |
| <b>36M-W</b> 158.1 | <b>48M-W</b> 155.5 |
| <b>60M-W</b> 155.5 | <b>72M-W</b> 155.5 |
| <b>84M-W</b> 155.5 |                    |

### Price Control Cluster (PCCs)

|                 |                 |
|-----------------|-----------------|
| <b>PCC1</b> 155 | <b>PCC2</b> 214 |
|-----------------|-----------------|

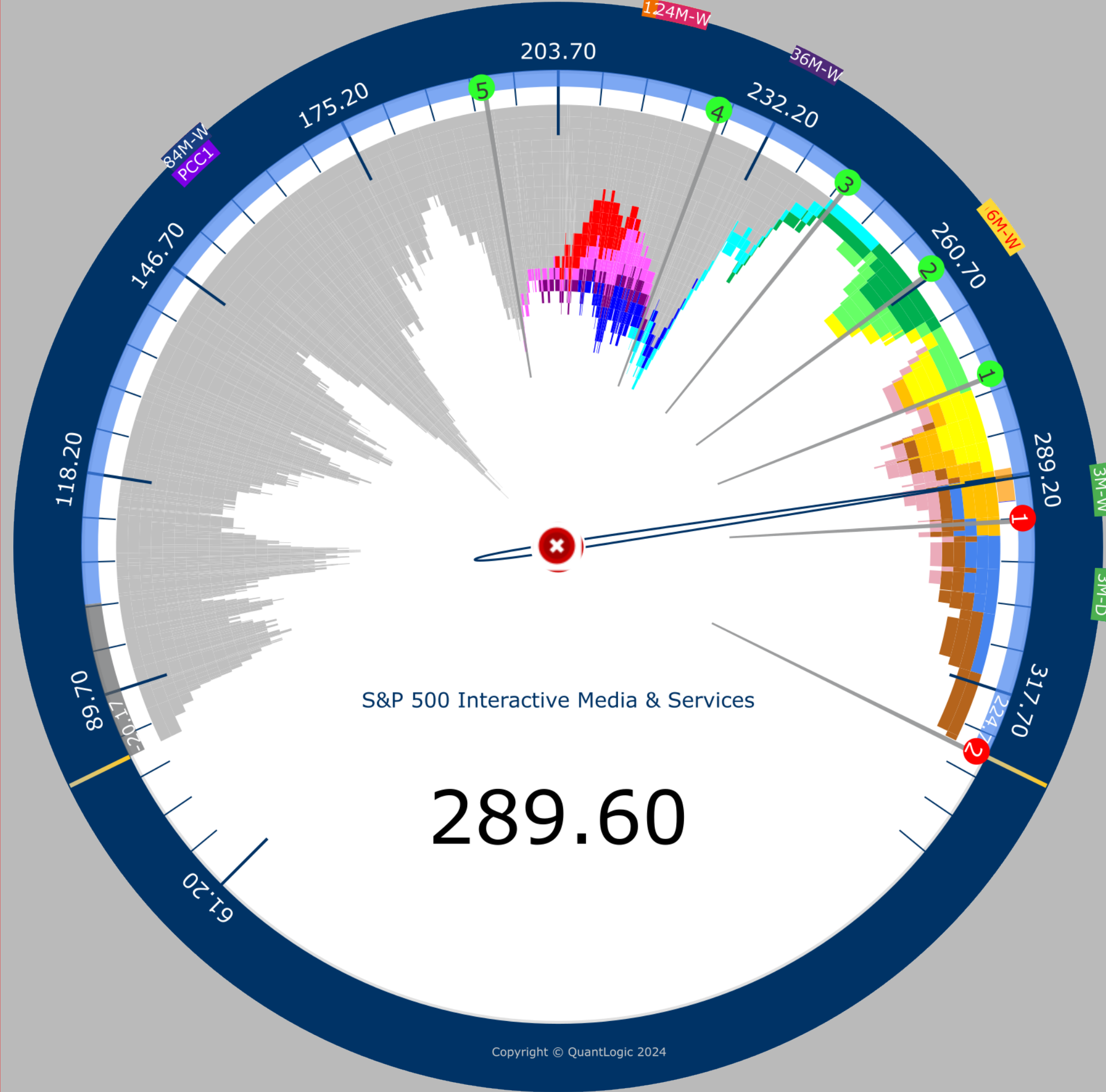
### Color Key (Monthly)

|                           |          |
|---------------------------|----------|
| Nov 2023 - Oct 2023 (LHS) |          |
| Nov 2023                  | Dec 2023 |
| Jan 2024                  | Feb 2024 |
| Mar 2024                  | Apr 2024 |
| May 2024                  | Jun 2024 |
| Jul 2024                  | Aug 2024 |
| Sep 2024                  | Oct 2024 |

### S&R: Fib Retracements (12 mos)

|                |                |
|----------------|----------------|
| <b>1</b> 326.1 | <b>1</b> 296.6 |
| <b>2</b> 278.3 | <b>3</b> 263.6 |
| <b>4</b> 248.8 | <b>5</b> 230.5 |

01 Nov 2017 - 14 Oct 2024



## S&P 500 Interactive Media & Services [Weekly]

S&R: Fibonacci Retracement 12M



84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM





84 Months O: 148.97 H: 178.08 L: 98.36 C: 146.45

12 Months - O: 109.92 H: 150.23 L: 109.61 C: 146.45

### Sector Information

- SEC** Communication Services
- IG** Telecommunication Services
- SYM** \$SP500\_5010

### Price Control Point (PCPs)

- |                    |                    |
|--------------------|--------------------|
| <b>2M-D</b> 132    | <b>3M-D</b> 132    |
| <b>3M-W</b> 131.6  | <b>6M-D</b> 123.4  |
| <b>6M-W</b> 123.7  | <b>12M-D</b> 123.4 |
| <b>12M-W</b> 123.7 | <b>24M-W</b> 123.8 |
| <b>36M-W</b> 123.8 | <b>48M-W</b> 123.8 |
| <b>60M-W</b> 123.8 | <b>72M-W</b> 156   |
| <b>84M-W</b> 156   |                    |

### Price Control Cluster (PCCs)

- PCC1** 123
- PCC2** 131

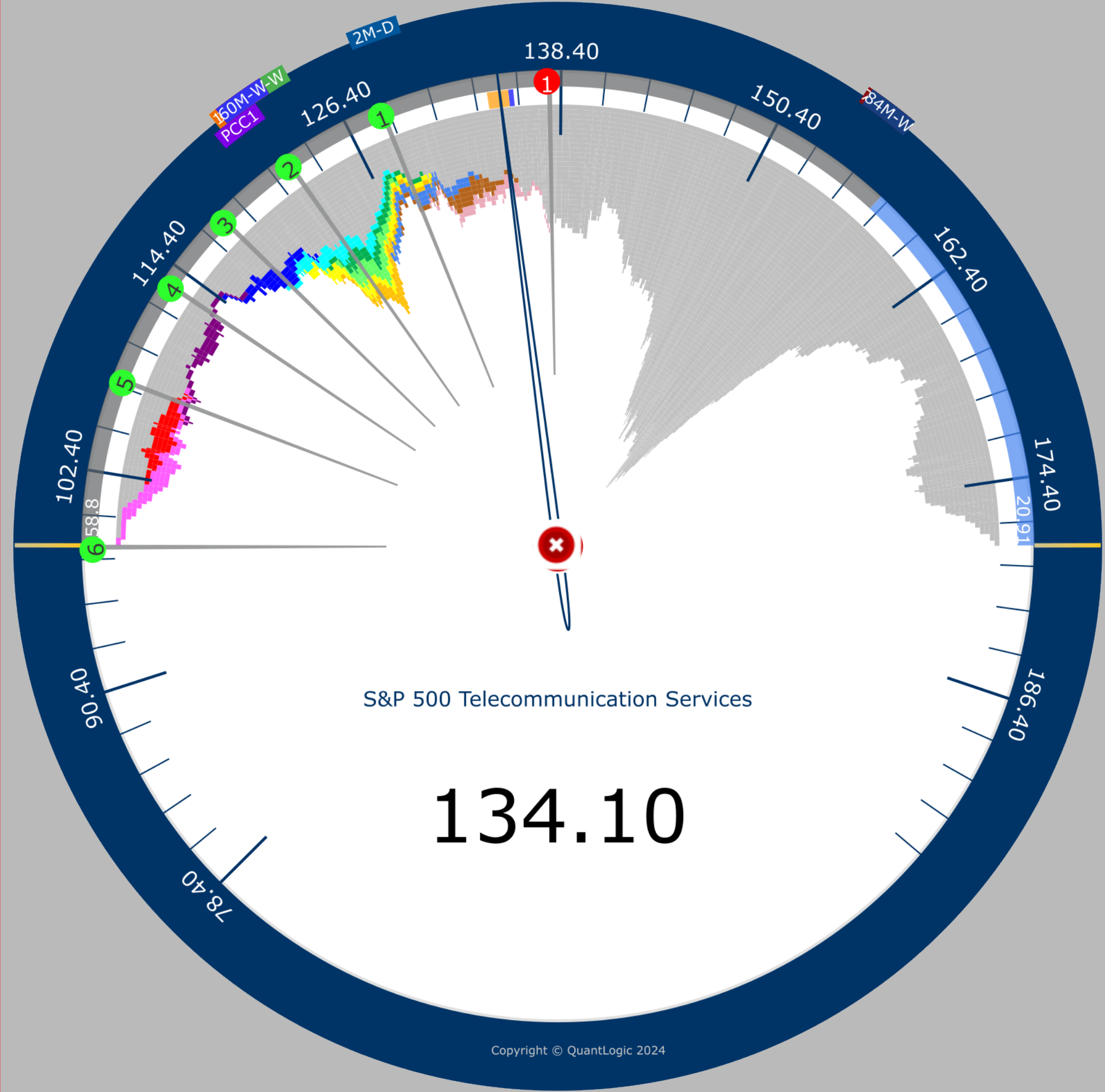
### Color Key (Monthly)

- Nov 2023 - Oct 2023 (LHS)
- Nov 2023
- Dec 2023
- Jan 2024
- Feb 2024
- Mar 2024
- Apr 2024
- May 2024
- Jun 2024
- Jul 2024
- Aug 2024
- Sep 2024
- Oct 2024

### S&R: Fib Retracements (12 mos)

- |                |                |
|----------------|----------------|
| <b>1</b> 150.2 | <b>1</b> 140.6 |
| <b>2</b> 134.7 | <b>3</b> 129.9 |
| <b>4</b> 125.1 | <b>5</b> 119.2 |

01 Nov 2017 - 14 Oct 2024



84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

## S&P 500 Telecommunication Services [Weekly]

S&R: Fibonacci Retracement 12M



14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM

84 Months O: 151.1 H: 181.83 L: 83.69 C: 122.53

12 Months - O: 95.2 H: 128.18 L: 94.97 C: 122.53

Sector Information

- SEC Communication Services
- IG Telecommunication Services
- IND Diversified Telecommunication Services
- SYM \$SP500\_501010

Price Control Point (PCPs)

- |             |             |
|-------------|-------------|
| 2M-D 113    | 3M-D 112.5  |
| 3M-W 112.4  | 6M-D 107.3  |
| 6M-W 107.3  | 12M-D 106.6 |
| 12M-W 107.3 | 24M-W 107.7 |
| 36M-W 107.7 | 48M-W 107.7 |
| 60M-W 150.6 | 72M-W 153.7 |
| 84M-W 153.7 |             |

Price Control Cluster (PCCs)

- PCC1 107
- PCC2 112

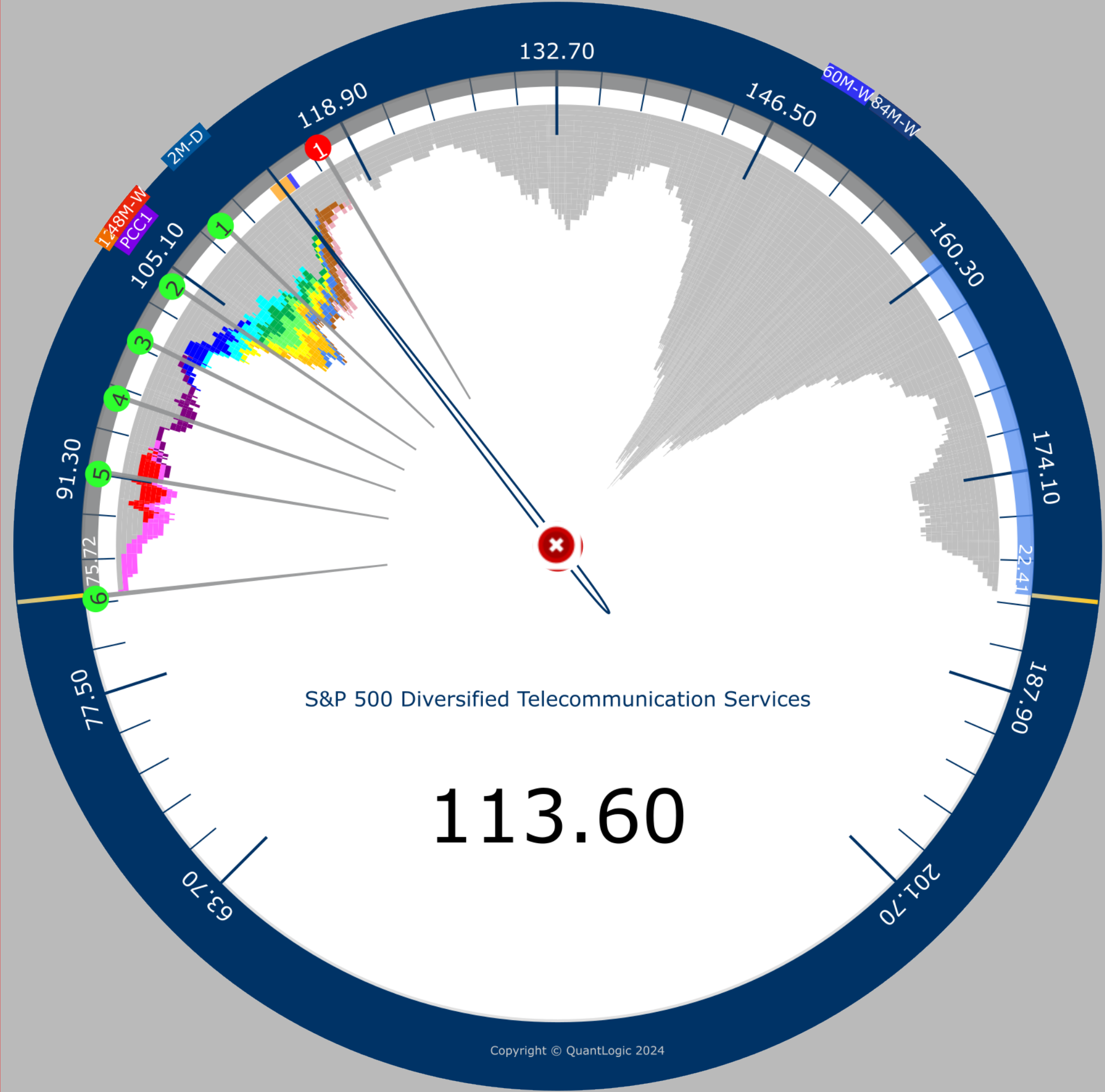
Color Key (Monthly)

- Nov 2023 - Oct 2023 (LHS)
- Nov 2023
- Dec 2023
- Jan 2024
- Feb 2024
- Mar 2024
- Apr 2024
- May 2024
- Jun 2024
- Jul 2024
- Aug 2024
- Sep 2024
- Oct 2024

S&R: Fib Retracements (12 mos)

- |         |         |
|---------|---------|
| 1 128.2 | 1 120.3 |
| 2 115.5 | 3 111.6 |
| 4 107.7 | 5 102.8 |

01 Nov 2017 - 14 Oct 2024



84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

S&P 500 Diversified Telecommunication Services [Weekly]

S&R: Fibonacci Retracement 12M



14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM



84 Months O: 0 H: 159.88 L: 74.27 C: 130.32

12 Months - O: 93.71 H: 132.61 L: 92.86 C: 130.32

Sector Information

- SEC Communication Services
- IG Media & Entertainment
- IND Entertainment
- SYM \$SP500\_502020

Price Control Point (PCPs)

- |            |             |
|------------|-------------|
| 2M-D 127   | 3M-D 126    |
| 3M-W 126.9 | 6M-D 126    |
| 6M-W 126.9 | 12M-D 126   |
| 12M-W 126  | 24M-W 89.3  |
| 36M-W 89.3 | 48M-W 122.8 |
| 60M-W 123  | 72M-W 95.3  |
| 84M-W 95.3 |             |

Price Control Cluster (PCCs)

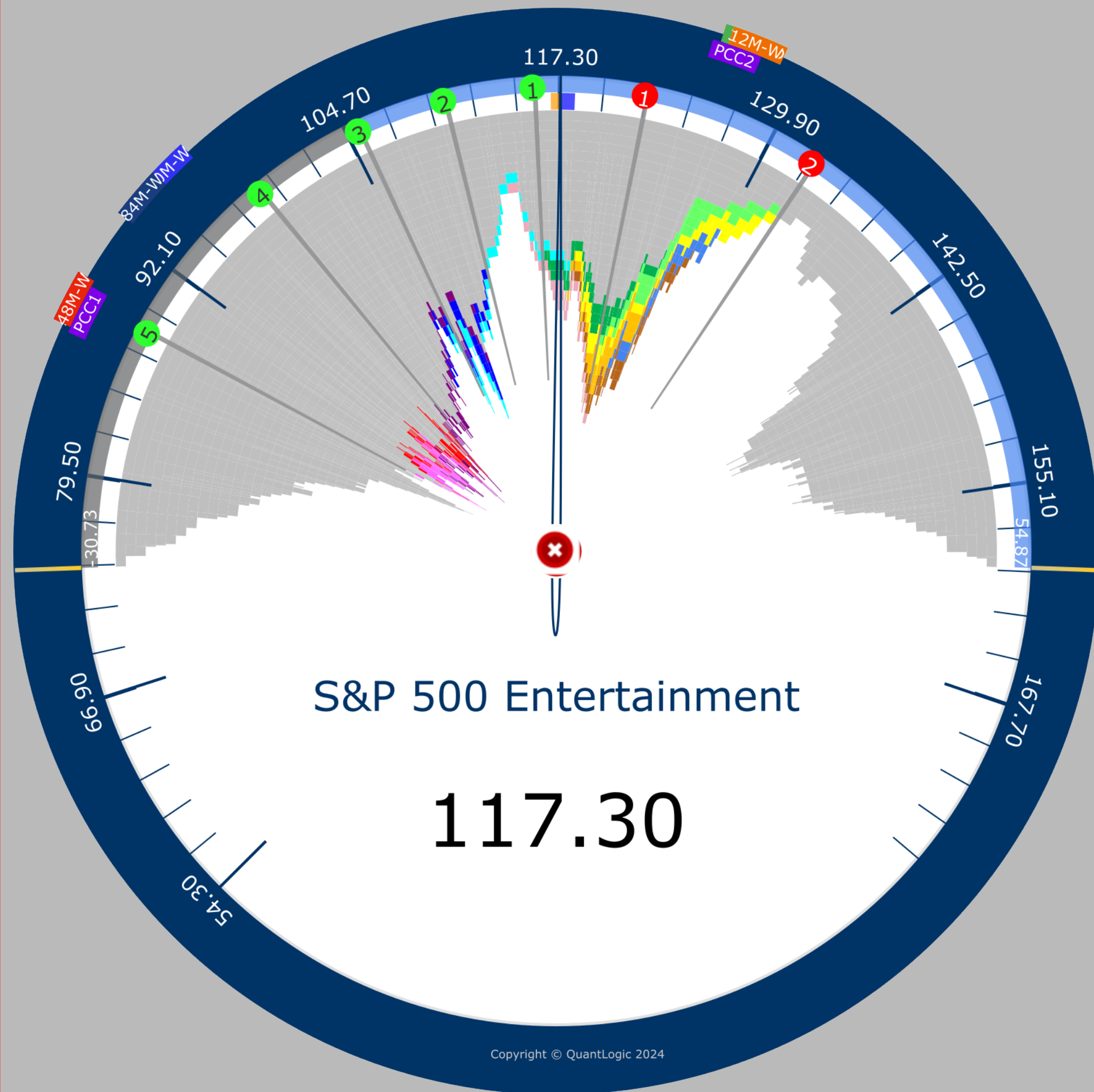
- PCC1 123
- PCC2 126
- PCC3 126

Color Key (Monthly)

- Nov 2023 - Oct 2023 (LHS)
- Nov 2023
- Dec 2023
- Jan 2024
- Feb 2024
- Mar 2024
- Apr 2024
- May 2024
- Jun 2024
- Jul 2024
- Aug 2024
- Sep 2024
- Oct 2024

S&R: Fib Retracements (12 mos)

- |         |         |
|---------|---------|
| 1 132.6 | 1 123.2 |
| 2 117.4 | 3 112.7 |
| 4 108   | 5 102.2 |



01 Nov 2017 - 14 Oct 2024

84 Months Weekly Monthly Last 12 84 Months 08/13/24 (D)

# S&P 500 Entertainment [Weekly]

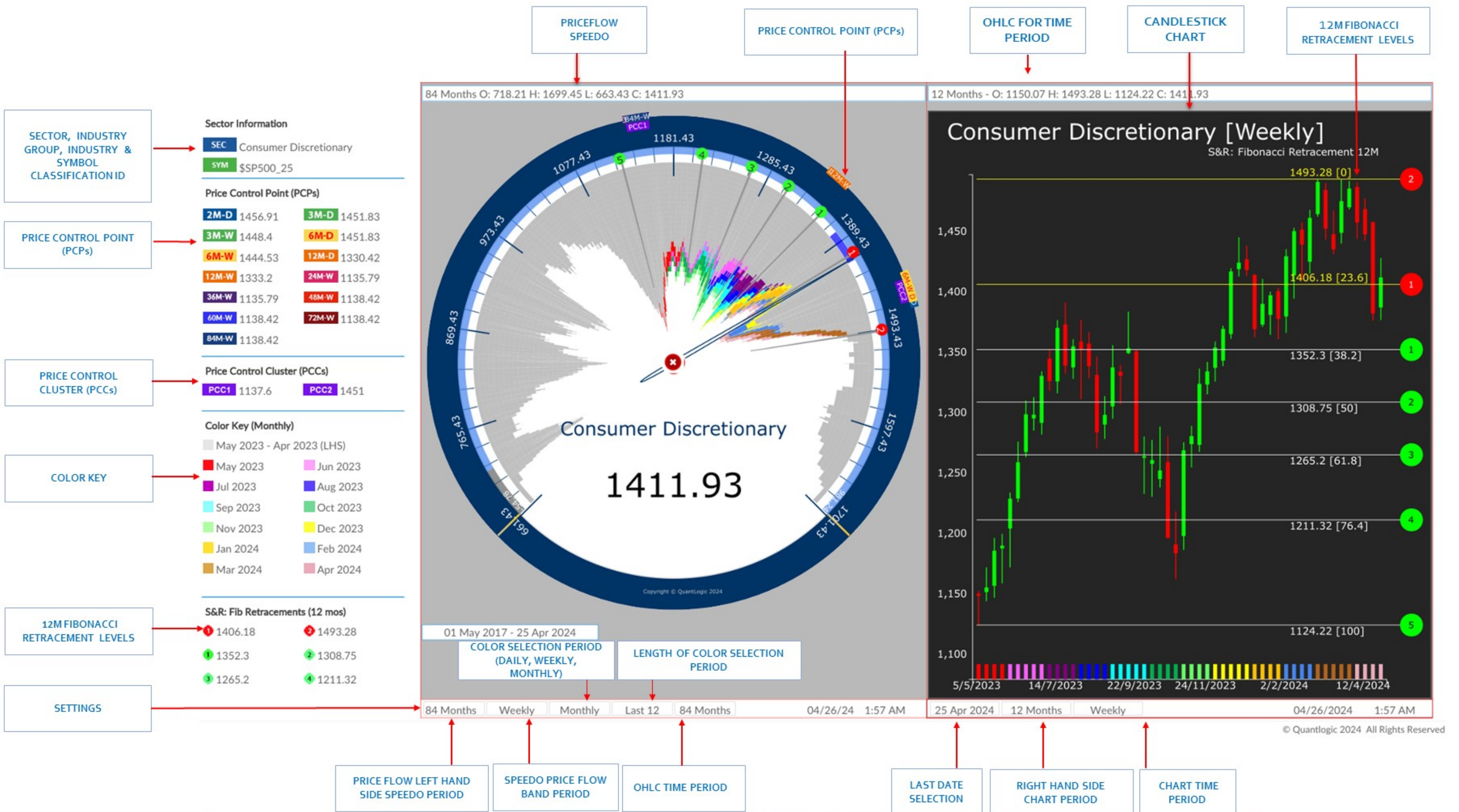
S&R: Fibonacci Retracement 12M



14 Oct 2024 12 Months Weekly 08/13/2024 2:07 AM



# MARKET PRICE FLOW ANALYSIS : 84M WEEKLY SPEEDO VS 12M WEEKLY CHART



**Sector Information**  
**SEC** Consumer Discretionary  
**SYM** \$SP500\_25

**Price Control Point (PCPs)**

|       |         |       |         |
|-------|---------|-------|---------|
| 2M-D  | 1456.91 | 3M-D  | 1451.83 |
| 3M-W  | 1448.4  | 6M-D  | 1451.83 |
| 6M-W  | 1444.53 | 12M-D | 1330.42 |
| 12M-W | 1333.2  | 24M-W | 1135.79 |
| 36M-W | 1135.79 | 48M-W | 1138.42 |
| 60M-W | 1138.42 | 72M-W | 1138.42 |
| 84M-W | 1138.42 |       |         |

**Price Control Cluster (PCCs)**  
**PCC1** 1137.6    **PCC2** 1451

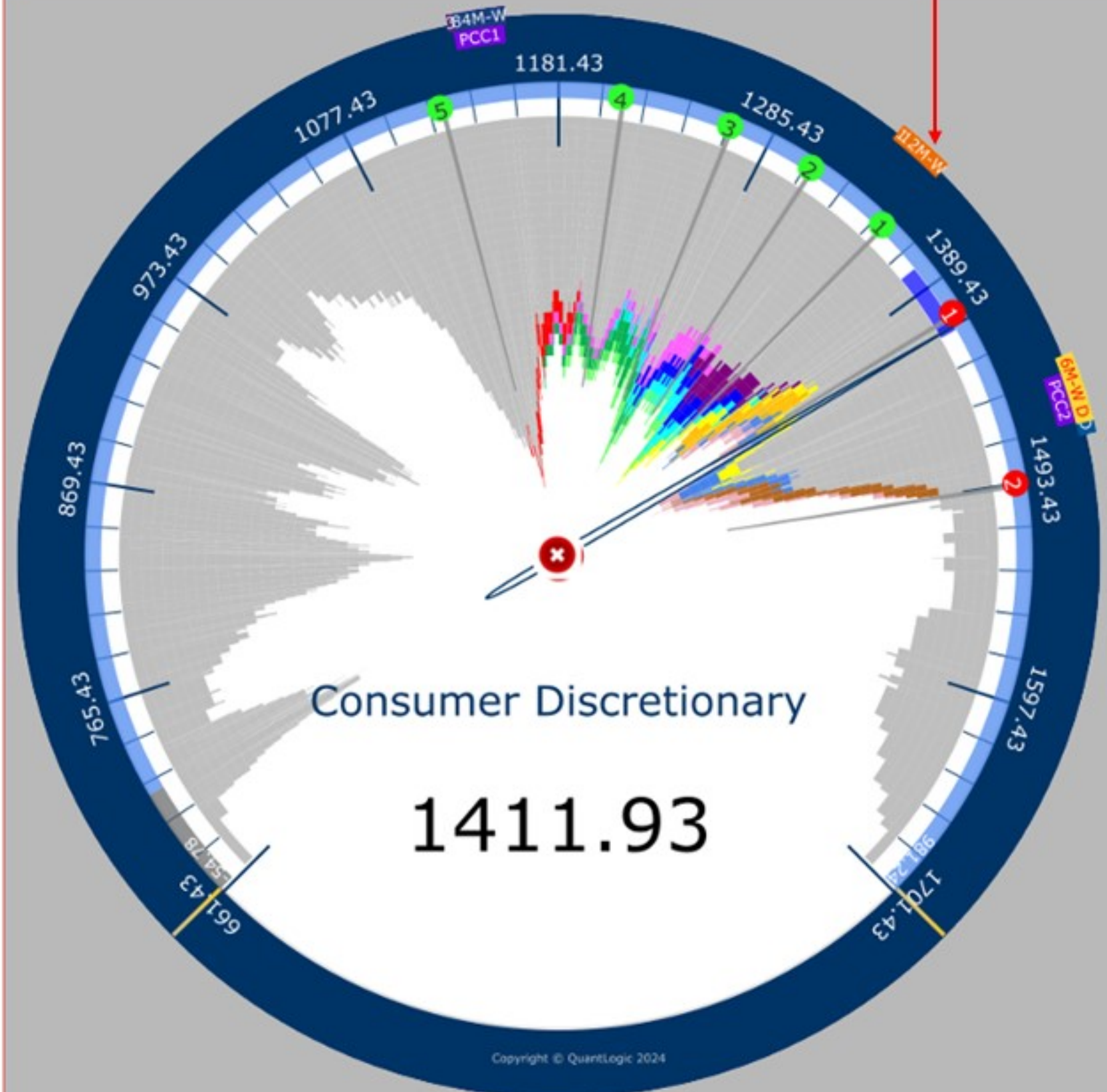
**Color Key (Monthly)**

|          |          |
|----------|----------|
| May 2023 | Jun 2023 |
| Jul 2023 | Aug 2023 |
| Sep 2023 | Oct 2023 |
| Nov 2023 | Dec 2023 |
| Jan 2024 | Feb 2024 |
| Mar 2024 | Apr 2024 |

**S&R: Fib Retracements (12 mos)**

|   |         |   |         |
|---|---------|---|---------|
| 1 | 1406.18 | 2 | 1493.28 |
| 3 | 1352.3  | 4 | 1308.75 |
| 5 | 1265.2  | 6 | 1211.32 |

84 Months O: 718.21 H: 1699.45 L: 663.43 C: 1411.93



12 Months - O: 1150.07 H: 1493.28 L: 1124.22 C: 1411.93



01 May 2017 - 25 Apr 2024  
 COLOR SELECTION PERIOD (DAILY, WEEKLY, MONTHLY)  
 LENGTH OF COLOR SELECTION PERIOD  
 84 Months Weekly Monthly Last 12 84 Months  
 04/26/24 1:57 AM

25 Apr 2024 12 Months Weekly  
 04/26/2024 1:57 AM



If you like to discuss Quantlogic Edge further, [Click here to book a Zoom meeting](#)



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Mail: [info@quantlogic.com](mailto:info@quantlogic.com)

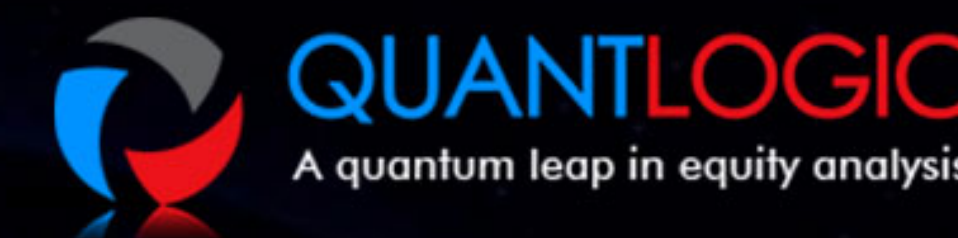
Tel: (UK) +44 (0)20 3289 2234

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