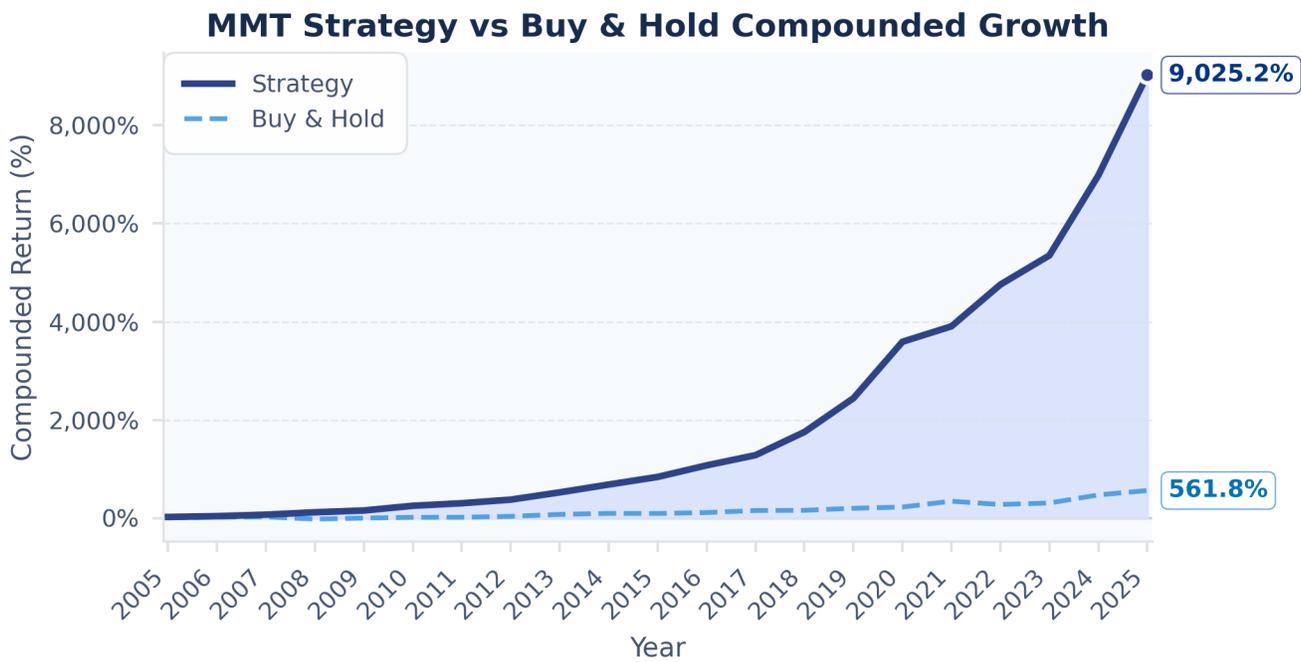




<b>All-Time Return</b> <b>+9025.19%</b>	<b>CAGR</b> <b>+24.02%</b>	<b>Buy &amp; Hold CAGR</b> <b>+9.43%</b>	<b>Profit Factor</b> <b>2.89</b>
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**All-Time Return:** Total cumulative return since inception.  
**CAGR:** Compound Annual Growth Rate - annualized rate of return.  
**Buy & Hold CAGR:** Annualized return of a buy & hold strategy.  
**Profit Factor:** Ratio of gross profits to gross losses (>1 indicates profitable).

## Performance Over Time



This chart displays the compounded growth of the trading strategy (solid line) compared to a buy & hold approach (dashed line) over time. Understanding Compounded vs. Simple Returns: Compounded returns reflect growth including reinvestment of gains, providing a realistic view of long-term wealth potential. Simple returns show performance within individual periods (like years) without reinvestment effect.

**Final Performance Comparison:** Strategy: +9025.19% vs Buy & Hold: +561.84%  
**Absolute Outperformance:** +8463.35%  
**Relative Outperformance:** 16.06x Buy & Hold return



## Overall Statistics

Metric	Value
All-Time Return	+9025.19%
CAGR %	+24.02%
Buy & Hold CAGR %	+9.43%
Buy & Hold (All-Time)	+561.80%
Relative Outperformance	16.06x
Total Trades	628
Winning Trades	288
Losing Trades	325
Breakeven Trades	15
Win Rate	+46.98%
Average Win %	+2.52%
Average Loss %	-0.77%
Biggest Win %	+23.61%
Biggest Loss %	-5.79%
Win/Loss Ratio	3.27
Profit Factor	2.89
Total Trading Period	7658 days
Avg Trades/Month	2.50
Avg Trades/Year	29.95

**All-Time Return:** Total cumulative return since inception (compounded).

**CAGR %:** Compound Annual Growth Rate - annualized rate of return.

**Buy & Hold CAGR %:** Annualized return of a buy & hold strategy.

**Buy & Hold (All-Time):** Performance of holding the asset for the entire period (not annualized).

**Relative Outperformance:** Ratio of strategy return to buy & hold return (how many times better the strategy performed).

**Total Trades:** Number of completed trades.

**Winning/Losing/Breakeven Trades:** Count of trades by outcome.

**Win Rate:** Percentage of profitable trades.

**Average Win/Loss %:** Mean gain/loss of winning/losing trades.

**Biggest Win/Loss %:** Maximum gain/loss from a single trade.

**Win/Loss Ratio:** Ratio of average win percentage to average loss percentage (absolute).

**Profit Factor:** Ratio of gross profits to gross losses (>1 indicates profitable).

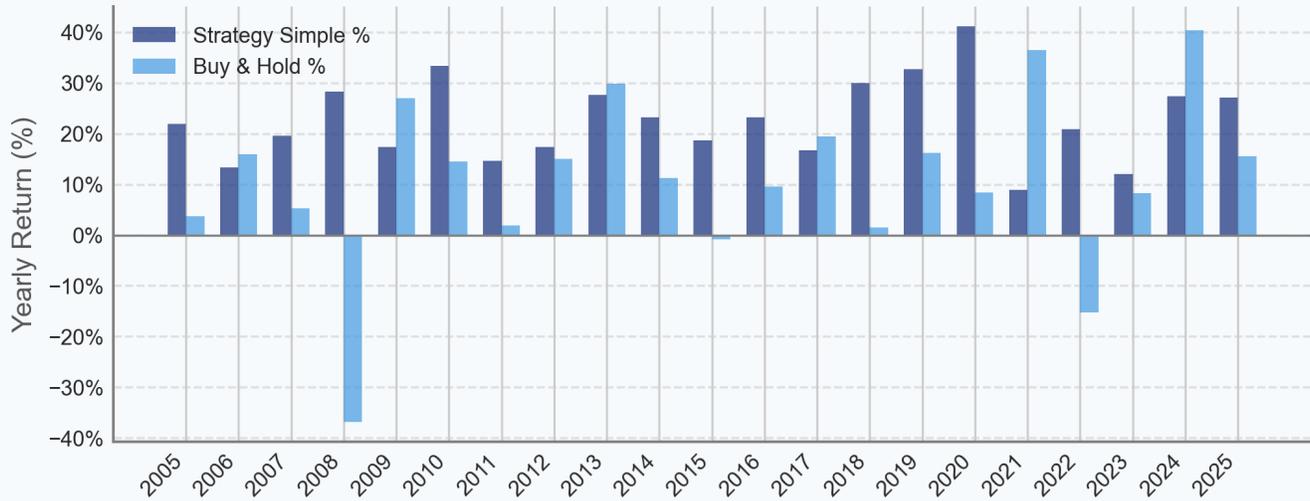
**Total Trading Period:** Total duration of the trading period in days.

**Avg Trades/Month & Avg Trades/Year:** Average trading frequency.



## Yearly Performance Analysis

Yearly Performance: Strategy vs. Buy & Hold



Year	Strategy Simple %	Strategy Comp. EOS %	Buy&Hold; %	Out-performance
2005	+21.88%	+23.95%	+3.73%	+18.15%
2006	+13.37%	+41.25%	+15.87%	-2.50%
2007	+19.52%	+70.67%	+5.25%	+14.27%
2008	+28.31%	+119.81%	-36.84%	+65.15%
2009	+17.32%	+156.23%	+26.95%	-9.63%
2010	+33.30%	+251.90%	+14.53%	+18.77%
2011	+14.68%	+303.75%	+1.89%	+12.79%
2012	+17.34%	+377.32%	+14.96%	+2.38%
2013	+27.63%	+525.12%	+29.89%	-2.26%
2014	+23.27%	+684.32%	+11.26%	+12.01%
2015	+18.62%	+839.61%	-0.78%	+19.40%
2016	+23.21%	+1074.76%	+9.61%	+13.60%
2017	+16.67%	+1283.10%	+19.42%	-2.75%
2018	+29.93%	+1756.06%	+1.50%	+28.43%
2019	+32.76%	+2443.59%	+16.13%	+16.63%
2020	+41.14%	+3592.50%	+8.36%	+32.78%
2021	+8.91%	+3906.28%	+36.46%	-27.55%



Year	Strategy Simple %	Strategy Comp. EOS %	Buy&Hold; %	Out-performance
2022	+20.93%	+4756.54%	-15.22%	+36.15%
2023	+12.05%	+5349.97%	+8.22%	+3.83%
2024	+27.40%	+6979.40%	+40.33%	-12.93%
2025	+27.07%	+9025.19%	+15.48%	+11.59%

**Simple %:** Annual return without compounding.

**Comp. EOS %:** Compounded End-of-Strategy return up to that year.

**Buy&Hold; %:** Return from holding the asset for the same year.

**Outperformance:** Difference between strategy simple % and buy & hold % (alpha).

**Note:** YTD calculations reflect actual trading periods rather than calendar years. Each year's performance starts with the first completed trade of that year and ends with the last trade, which may not align with January 1 to December 31 timeframes.



## Detailed Signal Log

*Type:* Direction of signal (long/short).

*Entry/Exit Price:* Signal execution prices.

*Gain/Loss %:* Percentage profit or loss per signal.

#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
1	Short	01/03/2005	104.50	102.30	+2.11%
2	Long	01/18/2005	102.30	101.50	-0.78%
3	Short	01/20/2005	101.50	101.50	0.00%
4	Long	02/01/2005	101.50	103.00	+1.48%
5	Short	02/22/2005	103.00	103.30	-0.29%
6	Long	02/24/2005	103.30	104.20	+0.87%
7	Short	03/09/2005	104.20	102.10	+2.02%
8	Long	03/30/2005	102.10	102.00	-0.10%
9	Short	04/08/2005	102.00	102.10	-0.10%
10	Long	04/12/2005	102.10	101.90	-0.20%
11	Short	04/13/2005	101.90	100.30	+1.57%
12	Long	04/25/2005	100.30	99.90	-0.40%
13	Short	04/28/2005	99.90	100.00	-0.10%
14	Long	04/29/2005	100.00	100.60	+0.60%
15	Short	05/10/2005	100.60	100.70	-0.10%
16	Long	05/16/2005	100.70	104.40	+3.67%
17	Short	06/23/2005	104.40	104.20	+0.19%
18	Long	06/28/2005	104.20	103.90	-0.29%
19	Short	06/30/2005	103.90	104.00	-0.10%
20	Long	07/03/2005	104.00	103.90	-0.10%
21	Short	07/05/2005	103.90	104.00	-0.10%
22	Long	07/07/2005	104.00	107.00	+2.88%
23	Short	08/05/2005	107.00	107.10	-0.09%
24	Long	08/11/2005	107.10	106.90	-0.19%
25	Short	08/12/2005	106.90	107.00	-0.09%
26	Long	08/15/2005	107.00	106.80	-0.19%
27	Short	08/16/2005	106.80	105.80	+0.94%
28	Long	08/31/2005	105.80	106.90	+1.04%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
29	Short	09/14/2005	106.90	107.40	-0.47%
30	Long	09/16/2005	107.40	106.70	-0.65%
31	Short	09/20/2005	106.70	106.50	+0.19%
32	Long	09/29/2005	106.50	106.30	-0.19%
33	Short	10/04/2005	106.30	103.90	+2.26%
34	Long	10/19/2005	103.90	103.60	-0.29%
35	Short	10/20/2005	103.60	103.60	0.00%
36	Long	10/24/2005	103.60	103.70	+0.10%
37	Short	10/27/2005	103.70	103.90	-0.19%
38	Long	10/28/2005	103.90	110.10	+5.97%
39	Short	12/19/2005	110.10	110.60	-0.45%
40	Long	12/22/2005	110.60	110.30	-0.27%
41	Short	12/27/2005	110.30	108.40	+1.72%
1	Short	12/30/2005	108.40	110.30	-1.75%
2	Long	01/02/2006	110.30	111.80	+1.36%
3	Short	01/18/2006	111.80	111.50	+0.27%
4	Long	01/26/2006	111.50	112.30	+0.72%
5	Short	01/31/2006	112.30	112.00	+0.27%
6	Long	02/01/2006	112.00	111.50	-0.45%
7	Short	02/02/2006	111.50	111.30	+0.18%
8	Long	02/14/2006	111.30	112.30	+0.90%
9	Short	02/28/2006	112.30	112.60	-0.27%
10	Long	03/01/2006	112.60	112.50	-0.09%
11	Short	03/06/2006	112.50	112.50	0.00%
12	Long	03/10/2006	112.50	113.90	+1.24%
13	Short	03/28/2006	113.90	114.20	-0.26%
14	Long	04/04/2006	114.20	114.20	0.00%
15	Short	04/07/2006	114.20	114.00	+0.18%
16	Long	04/18/2006	114.00	114.60	+0.53%
17	Short	05/01/2006	114.60	115.10	-0.44%
18	Long	05/02/2006	115.10	115.40	+0.26%
19	Short	05/11/2006	115.40	112.60	+2.43%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
20	Long	05/26/2006	112.60	112.20	-0.36%
21	Short	05/29/2006	112.20	112.50	-0.27%
22	Long	06/02/2006	112.50	112.30	-0.18%
23	Short	06/05/2006	112.30	110.50	+1.60%
24	Long	06/15/2006	110.50	109.90	-0.54%
25	Short	06/27/2006	109.90	110.60	-0.64%
26	Long	06/29/2006	110.60	111.10	+0.45%
27	Short	07/12/2006	111.10	110.60	+0.45%
28	Long	07/19/2006	110.60	110.00	-0.54%
29	Short	07/21/2006	110.00	110.50	-0.45%
30	Long	07/24/2006	110.50	112.10	+1.45%
31	Short	08/09/2006	112.10	113.10	-0.89%
32	Long	08/15/2006	113.10	114.80	+1.50%
33	Short	09/07/2006	114.80	115.20	-0.35%
34	Long	09/12/2006	115.20	121.50	+5.47%
35	Short	11/01/2006	121.50	121.70	-0.16%
36	Long	11/06/2006	121.70	123.60	+1.56%
37	Short	11/27/2006	123.60	123.80	-0.16%
38	Long	11/29/2006	123.80	125.90	+1.70%
39	Short	12/22/2006	125.90	126.60	-0.56%
40	Long	12/27/2006	126.60	125.60	-0.79%
1	Long	12/29/2006	125.60	126.00	+0.32%
2	Short	01/02/2007	126.00	126.10	-0.08%
3	Long	01/10/2007	126.10	126.90	+0.63%
4	Short	01/26/2007	126.90	127.20	-0.24%
5	Long	01/30/2007	127.20	128.30	+0.86%
6	Short	02/09/2007	128.30	128.50	-0.16%
7	Long	02/13/2007	128.50	128.00	-0.39%
8	Short	02/27/2007	128.00	125.50	+1.95%
9	Long	03/19/2007	125.50	135.20	+7.73%
10	Short	05/24/2007	135.20	136.20	-0.74%
11	Long	05/29/2007	136.20	136.00	-0.15%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
12	Short	06/06/2007	136.00	136.00	0.00%
13	Long	06/13/2007	136.00	135.90	-0.07%
14	Short	06/21/2007	135.90	136.30	-0.29%
15	Long	07/02/2007	136.30	136.00	-0.22%
16	Short	07/10/2007	136.00	137.40	-1.03%
17	Long	07/13/2007	137.40	137.50	+0.07%
18	Short	07/20/2007	137.50	133.50	+2.91%
19	Long	08/08/2007	133.50	132.00	-1.12%
20	Short	08/09/2007	132.00	131.50	+0.38%
21	Long	08/22/2007	131.50	131.00	-0.38%
22	Short	08/28/2007	131.00	131.80	-0.61%
23	Long	08/29/2007	131.80	131.50	-0.23%
24	Short	09/07/2007	131.50	132.00	-0.38%
25	Long	09/11/2007	132.00	138.80	+5.15%
26	Short	10/16/2007	138.80	138.50	+0.22%
27	Long	10/26/2007	138.50	137.50	-0.72%
28	Short	11/03/2007	137.50	131.50	+4.36%
29	Long	11/28/2007	131.50	133.50	+1.52%
30	Short	12/11/2007	133.50	134.00	-0.37%
31	Long	12/21/2007	134.00	133.50	-0.37%
32	Short	12/27/2007	133.50	132.20	+0.97%
1	Short	12/31/2007	132.20	124.10	+6.13%
2	Long	01/31/2008	124.10	123.50	-0.48%
3	Short	02/05/2008	123.50	123.40	+0.08%
4	Long	02/13/2008	123.40	122.30	-0.89%
5	Short	02/21/2008	122.30	123.10	-0.65%
6	Long	02/22/2008	123.10	123.00	-0.08%
7	Short	02/28/2008	123.00	120.00	+2.44%
8	Long	03/18/2008	120.00	120.50	+0.42%
9	Short	03/28/2008	120.50	122.10	-1.33%
10	Long	04/01/2008	122.10	122.80	+0.57%
11	Short	04/11/2008	122.80	123.20	-0.33%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
12	Long	04/16/2008	123.20	126.90	+3.00%
13	Short	05/08/2008	126.90	127.50	-0.47%
14	Long	05/12/2008	127.50	128.00	+0.39%
15	Short	05/21/2008	128.00	128.00	0.00%
16	Long	05/29/2008	128.00	127.00	-0.78%
17	Short	06/02/2008	127.00	127.80	-0.63%
18	Long	06/05/2008	127.80	126.00	-1.41%
19	Short	06/06/2008	126.00	115.80	+8.10%
20	Long	07/18/2008	115.80	115.20	-0.52%
21	Short	07/24/2008	115.20	115.90	-0.61%
22	Long	07/29/2008	115.90	115.00	-0.78%
23	Short	08/01/2008	115.00	116.00	-0.87%
24	Long	08/05/2008	116.00	117.40	+1.21%
25	Short	08/18/2008	117.40	118.50	-0.94%
26	Long	08/22/2008	118.50	117.00	-1.27%
27	Short	08/25/2008	117.00	117.50	-0.43%
28	Long	08/27/2008	117.50	117.50	0.00%
29	Short	09/02/2008	117.50	116.00	+1.28%
30	Long	09/19/2008	116.00	111.00	-4.31%
31	Short	09/23/2008	111.00	88.50	+20.27%
32	Long	10/30/2008	88.50	87.50	-1.13%
33	Short	11/06/2008	87.50	80.00	+8.57%
34	Long	11/26/2008	80.00	78.50	-1.88%
35	Short	12/01/2008	78.50	80.00	-1.91%
36	Long	12/03/2008	80.00	78.80	-1.50%
37	Short	12/04/2008	78.80	80.50	-2.16%
38	Long	12/05/2008	80.50	81.00	+0.62%
39	Short	12/15/2008	81.00	82.50	-1.85%
40	Long	12/16/2008	82.50	82.50	0.00%
41	Short	12/19/2008	82.50	82.00	+0.61%
42	Long	12/30/2008	82.00	83.50	+1.83%
1	Long	12/31/2008	83.50	82.50	-1.20%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
2	Short	01/09/2009	82.50	80.50	+2.42%
3	Long	01/28/2009	80.50	78.50	-2.48%
4	Short	01/30/2009	78.50	79.00	-0.64%
5	Long	02/05/2009	79.00	78.50	-0.63%
6	Short	02/10/2009	78.50	68.50	+12.74%
7	Long	03/12/2009	68.50	73.50	+7.30%
8	Short	03/30/2009	73.50	77.50	-5.44%
9	Long	04/02/2009	77.50	78.00	+0.65%
10	Short	04/20/2009	78.00	81.00	-3.85%
11	Long	04/24/2009	81.00	83.00	+2.47%
12	Short	05/13/2009	83.00	84.00	-1.20%
13	Long	05/18/2009	84.00	83.50	-0.60%
14	Short	05/21/2009	83.50	84.50	-1.20%
15	Long	05/26/2009	84.50	83.50	-1.18%
16	Short	05/27/2009	83.50	85.00	-1.80%
17	Long	05/28/2009	85.00	87.00	+2.35%
18	Short	06/15/2009	87.00	87.00	0.00%
19	Long	06/25/2009	87.00	86.00	-1.15%
20	Short	07/03/2009	86.00	85.00	+1.16%
21	Long	07/13/2009	85.00	93.00	+9.41%
22	Short	08/17/2009	93.00	94.50	-1.61%
23	Long	08/20/2009	94.50	95.50	+1.06%
24	Short	08/30/2009	95.50	96.00	-0.52%
25	Long	09/05/2009	96.00	99.00	+3.13%
26	Short	09/24/2009	99.00	100.00	-1.01%
27	Long	09/28/2009	100.00	99.00	-1.00%
28	Short	10/01/2009	99.00	99.50	-0.51%
29	Long	10/06/2009	99.50	101.50	+2.01%
30	Short	10/26/2009	101.50	101.00	+0.49%
31	Long	11/04/2009	101.00	103.50	+2.48%
32	Short	11/26/2009	103.50	105.00	-1.45%
33	Long	12/01/2009	105.00	104.00	-0.95%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
34	Short	12/08/2009	104.00	105.00	-0.96%
35	Long	12/10/2009	105.00	104.50	-0.48%
36	Short	12/17/2009	104.50	105.50	-0.96%
37	Long	12/21/2009	105.50	106.00	+0.47%
1	Short	12/31/2009	106.00	105.50	+0.47%
2	Long	01/04/2010	105.50	107.50	+1.90%
3	Short	01/21/2010	107.50	103.30	+3.91%
4	Long	02/16/2010	103.30	114.60	+10.94%
5	Short	04/27/2010	114.60	115.10	-0.44%
6	Long	04/29/2010	115.10	114.30	-0.70%
7	Short	04/30/2010	114.30	114.70	-0.35%
8	Long	05/03/2010	114.70	113.60	-0.96%
9	Short	05/04/2010	113.60	112.00	+1.41%
10	Long	05/12/2010	112.00	110.00	-1.79%
11	Short	05/14/2010	110.00	105.80	+3.82%
12	Long	06/03/2010	105.80	103.90	-1.80%
13	Short	06/04/2010	103.90	104.00	-0.10%
14	Long	06/10/2010	104.00	104.80	+0.77%
15	Short	06/22/2010	104.80	101.90	+2.77%
16	Long	07/07/2010	101.90	103.00	+1.08%
17	Short	07/16/2010	103.00	104.20	-1.17%
18	Long	07/22/2010	104.20	106.00	+1.73%
19	Short	08/11/2010	106.00	103.80	+2.08%
20	Long	09/02/2010	103.80	115.50	+11.27%
21	Short	11/12/2010	115.50	116.30	-0.69%
22	Long	11/18/2010	116.30	114.00	-1.98%
23	Short	11/23/2010	114.00	117.00	-2.63%
24	Long	12/01/2010	117.00	121.40	+3.76%
1	Long	12/31/2010	121.40	124.00	+2.14%
2	Short	01/28/2011	124.00	125.20	-0.97%
3	Long	02/01/2011	125.20	127.60	+1.92%
4	Short	02/22/2011	127.60	127.70	-0.08%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
5	Long	02/25/2011	127.70	127.30	-0.31%
6	Short	03/01/2011	127.30	128.00	-0.55%
7	Long	03/03/2011	128.00	127.20	-0.63%
8	Short	03/07/2011	127.20	128.00	-0.63%
9	Long	03/08/2011	128.00	126.40	-1.25%
10	Short	03/10/2011	126.40	125.50	+0.71%
11	Long	03/21/2011	125.50	127.50	+1.59%
12	Short	04/12/2011	127.50	128.90	-1.10%
13	Long	04/20/2011	128.90	130.00	+0.85%
14	Short	05/05/2011	130.00	131.00	-0.77%
15	Long	05/10/2011	131.00	130.30	-0.53%
16	Short	05/11/2011	130.30	130.20	+0.08%
17	Long	05/18/2011	130.20	129.70	-0.38%
18	Short	05/20/2011	129.70	129.50	+0.15%
19	Long	05/27/2011	129.50	129.00	-0.39%
20	Short	05/31/2011	129.00	125.20	+2.95%
21	Long	06/21/2011	125.20	124.80	-0.32%
22	Short	06/24/2011	124.80	125.20	-0.32%
23	Long	06/28/2011	125.20	128.30	+2.48%
24	Short	07/12/2011	128.30	128.50	-0.16%
25	Long	07/19/2011	128.50	128.50	0.00%
26	Short	07/27/2011	128.50	115.00	+10.51%
27	Long	08/24/2011	115.00	115.50	+0.43%
28	Short	09/02/2011	115.50	116.50	-0.87%
29	Long	09/06/2011	116.50	116.00	-0.43%
30	Short	09/07/2011	116.00	116.00	0.00%
31	Long	09/14/2011	116.00	116.10	+0.09%
32	Short	09/21/2011	116.10	116.30	-0.17%
33	Long	09/27/2011	116.30	113.50	-2.41%
34	Short	09/28/2011	113.50	113.00	+0.44%
35	Long	10/06/2011	113.00	119.50	+5.75%
36	Short	11/01/2011	119.50	122.50	-2.51%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
37	Long	11/03/2011	122.50	122.00	-0.41%
38	Short	11/09/2011	122.00	123.50	-1.23%
39	Long	11/11/2011	123.50	122.00	-1.21%
40	Short	11/16/2011	122.00	121.00	+0.82%
41	Long	11/30/2011	121.00	121.00	0.00%
42	Short	12/13/2011	121.00	121.50	-0.41%
43	Long	12/20/2011	121.50	123.70	+1.81%
1	Long	12/30/2011	123.70	133.00	+7.52%
2	Short	03/06/2012	133.00	134.30	-0.98%
3	Long	03/08/2012	134.30	138.40	+3.05%
4	Short	04/05/2012	138.40	137.40	+0.72%
5	Long	04/16/2012	137.40	135.00	-1.75%
6	Short	04/23/2012	135.00	137.20	-1.63%
7	Long	04/25/2012	137.20	137.80	+0.44%
8	Short	05/03/2012	137.80	132.10	+4.14%
9	Long	05/29/2012	132.10	130.00	-1.59%
10	Short	05/31/2012	130.00	130.30	-0.23%
11	Long	06/06/2012	130.30	132.00	+1.30%
12	Short	06/21/2012	132.00	132.20	-0.15%
13	Long	06/27/2012	132.20	133.50	+0.98%
14	Short	07/10/2012	133.50	134.40	-0.67%
15	Long	07/13/2012	134.40	133.80	-0.45%
16	Short	07/23/2012	133.80	135.30	-1.12%
17	Long	07/26/2012	135.30	140.00	+3.47%
18	Short	08/23/2012	140.00	141.50	-1.07%
19	Long	09/06/2012	141.50	144.70	+2.26%
20	Short	09/25/2012	144.70	145.20	-0.35%
21	Long	10/01/2012	145.20	144.30	-0.62%
22	Short	10/09/2012	144.30	144.70	-0.28%
23	Long	10/16/2012	144.70	144.20	-0.35%
24	Short	10/19/2012	144.20	142.50	+1.18%
25	Long	11/06/2012	142.50	141.40	-0.77%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
26	Short	11/07/2012	141.40	138.80	+1.84%
27	Long	11/19/2012	138.80	142.00	+2.31%
28	Short	12/26/2012	142.00	142.00	0.00%
29	Long	12/31/2012	142.00	142.20	+0.14%
1	Long	12/31/2012	142.20	150.80	+6.05%
2	Short	02/21/2013	150.80	151.50	-0.46%
3	Long	02/27/2013	151.50	155.50	+2.64%
4	Short	04/03/2013	155.50	156.00	-0.32%
5	Long	04/08/2013	156.00	155.50	-0.32%
6	Short	04/15/2013	155.50	156.00	-0.32%
7	Long	04/23/2013	156.00	162.60	+4.23%
8	Short	05/31/2013	162.60	163.80	-0.74%
9	Long	06/07/2013	163.80	162.40	-0.85%
10	Short	06/12/2013	162.40	162.70	-0.18%
11	Long	06/13/2013	162.70	161.30	-0.86%
12	Short	06/20/2013	161.30	161.30	0.00%
13	Long	06/27/2013	161.30	169.00	+4.77%
14	Short	08/14/2013	169.00	165.60	+2.01%
15	Long	09/04/2013	165.60	169.00	+2.05%
16	Short	09/27/2013	169.00	167.40	+0.95%
17	Long	10/10/2013	167.40	175.00	+4.54%
18	Short	11/07/2013	175.00	176.00	-0.57%
19	Long	11/08/2013	176.00	179.70	+2.10%
20	Short	12/04/2013	179.70	180.30	-0.33%
21	Long	12/07/2013	180.30	179.70	-0.33%
22	Short	12/11/2013	179.70	179.00	+0.39%
23	Long	12/18/2013	179.00	184.70	+3.18%
1	Long	12/31/2013	184.70	182.50	-1.19%
2	Short	01/13/2014	182.50	183.20	-0.38%
3	Long	01/14/2014	183.20	182.70	-0.27%
4	Short	01/23/2014	182.70	178.50	+2.30%
5	Long	02/07/2014	178.50	186.00	+4.20%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
6	Short	03/13/2014	186.00	186.60	-0.32%
7	Long	03/18/2014	186.60	186.20	-0.21%
8	Short	04/04/2014	186.20	186.30	-0.05%
9	Long	04/09/2014	186.30	185.50	-0.43%
10	Short	04/10/2014	185.50	185.10	+0.22%
11	Long	04/16/2014	185.10	186.00	+0.49%
12	Short	04/25/2014	186.00	187.00	-0.54%
13	Long	04/28/2014	187.00	188.00	+0.53%
14	Short	05/15/2014	188.00	188.50	-0.27%
15	Long	05/21/2014	188.50	196.60	+4.30%
16	Short	07/17/2014	196.60	196.80	-0.10%
17	Long	07/18/2014	196.80	196.40	-0.20%
18	Short	07/30/2014	196.40	194.40	+1.02%
19	Long	08/13/2014	194.40	198.60	+2.16%
20	Short	09/12/2014	198.60	199.20	-0.30%
21	Long	09/16/2014	199.20	199.00	-0.10%
22	Short	09/22/2014	199.00	192.00	+3.52%
23	Long	10/21/2014	192.00	205.80	+7.19%
24	Short	12/09/2014	205.80	204.40	+0.68%
25	Long	12/18/2014	204.40	206.00	+0.78%
26	Short	12/31/2014	206.00	205.50	+0.24%
1	Short	12/31/2014	205.50	204.50	+0.49%
2	Long	01/08/2015	204.50	203.90	-0.29%
3	Short	01/12/2015	203.90	202.90	+0.49%
4	Long	01/21/2015	202.90	203.00	+0.05%
5	Short	01/27/2015	203.00	202.90	+0.05%
6	Long	02/03/2015	202.90	208.50	+2.76%
7	Short	03/06/2015	208.50	207.00	+0.72%
8	Long	03/16/2015	207.00	208.10	+0.53%
9	Short	03/25/2015	208.10	207.50	+0.29%
10	Long	03/30/2015	207.50	207.40	-0.05%
11	Short	03/31/2015	207.40	207.20	+0.10%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
12	Long	04/06/2015	207.20	208.60	+0.68%
13	Short	04/17/2015	208.60	209.10	-0.24%
14	Long	04/20/2015	209.10	209.90	+0.38%
15	Short	05/30/2015	209.90	210.10	-0.10%
16	Long	05/03/2015	210.10	209.00	-0.52%
17	Short	05/05/2015	209.00	209.80	-0.38%
18	Long	05/08/2015	209.80	209.00	-0.38%
19	Short	05/12/2015	209.00	210.00	-0.48%
20	Long	05/14/2015	210.00	210.70	+0.33%
21	Short	05/26/2015	210.70	210.70	0.00%
22	Long	06/03/2015	210.70	210.40	-0.14%
23	Short	06/04/2015	210.40	209.70	+0.33%
24	Long	06/10/2015	209.70	208.30	-0.67%
25	Short	06/15/2015	208.30	209.50	-0.58%
26	Long	06/17/2015	209.50	210.30	+0.38%
27	Short	06/24/2015	210.30	207.50	+1.33%
28	Long	07/10/2015	207.50	210.10	+1.25%
29	Short	07/23/2015	210.10	209.80	+0.14%
30	Long	07/29/2015	209.80	209.90	+0.05%
31	Short	08/03/2015	209.90	210.00	-0.05%
32	Long	08/05/2015	210.00	209.60	-0.19%
33	Short	08/06/2015	209.60	210.00	-0.19%
34	Long	08/10/2015	210.00	208.40	-0.76%
35	Short	08/11/2015	208.40	209.20	-0.38%
36	Long	08/14/2015	209.20	209.00	-0.10%
37	Short	08/18/2015	209.00	196.20	+6.12%
38	Long	09/08/2015	196.20	196.30	+0.05%
39	Short	09/18/2015	196.30	193.30	+1.53%
40	Long	10/02/2015	193.30	207.70	+7.45%
41	Short	11/11/2015	207.70	207.00	+0.34%
42	Long	11/18/2015	207.00	208.40	+0.68%
43	Short	12/03/2015	208.40	208.60	-0.10%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
44	Long	12/04/2015	208.60	207.20	-0.67%
45	Short	12/07/2015	207.20	205.20	+0.97%
46	Long	12/16/2015	205.20	202.80	-1.17%
47	Short	12/18/2015	202.80	204.80	-0.99%
48	Long	12/23/2015	204.80	203.90	-0.44%
1	Short	12/31/2015	203.90	191.20	+6.23%
2	Long	01/29/2016	191.20	191.00	-0.10%
3	Short	02/02/2016	191.00	191.30	-0.16%
4	Long	02/03/2016	191.30	190.50	-0.42%
5	Short	02/05/2016	190.50	188.20	+1.21%
6	Long	02/16/2016	188.20	204.00	+8.40%
7	Short	04/07/2016	204.00	205.00	-0.49%
8	Long	04/12/2016	205.00	207.80	+1.37%
9	Short	04/28/2016	207.80	208.00	-0.10%
10	Long	05/02/2016	208.00	206.50	-0.72%
11	Short	05/03/2016	206.50	207.00	-0.24%
12	Long	05/10/2016	207.00	206.20	-0.39%
13	Short	05/13/2016	206.20	206.60	-0.19%
14	Long	05/16/2016	206.60	206.00	-0.29%
15	Short	05/17/2016	206.00	206.40	-0.19%
16	Long	05/24/2016	206.40	210.50	+1.99%
17	Short	06/10/2016	210.50	208.20	+1.09%
18	Long	06/21/2016	208.20	206.50	-0.82%
19	Short	06/24/2016	206.50	205.20	+0.63%
20	Long	06/29/2016	205.20	215.50	+5.02%
21	Short	08/02/2016	215.50	217.40	-0.88%
22	Long	08/05/2016	217.40	217.70	+0.14%
23	Short	08/24/2016	217.70	218.20	-0.23%
24	Long	08/29/2016	218.20	217.60	-0.27%
25	Short	08/31/2016	217.60	218.40	-0.37%
26	Long	09/02/2016	218.40	216.00	-1.10%
27	Short	09/09/2016	216.00	215.90	+0.05%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
28	Long	09/21/2016	215.90	214.80	-0.51%
29	Short	09/26/2016	214.80	215.40	-0.28%
30	Long	09/27/2016	215.40	215.00	-0.19%
31	Short	09/29/2016	215.00	215.70	-0.33%
32	Long	09/30/2016	215.70	215.10	-0.28%
33	Short	10/04/2016	215.10	215.50	-0.19%
34	Long	10/05/2016	215.50	215.20	-0.14%
35	Short	10/07/2016	215.20	216.20	-0.46%
36	Long	10/10/2016	216.20	215.00	-0.56%
37	Short	10/11/2016	215.00	214.20	+0.37%
38	Long	10/19/2016	214.20	213.90	-0.14%
39	Short	10/26/2016	213.90	212.40	+0.70%
40	Long	11/07/2016	212.40	224.40	+5.65%
41	Short	12/28/2016	224.40	223.50	+0.40%
1	Short	12/30/2016	223.50	225.00	-0.67%
2	Long	01/03/2017	225.00	226.30	+0.58%
3	Short	01/19/2017	226.30	226.40	-0.04%
4	Long	01/20/2017	226.40	226.20	-0.09%
5	Short	01/23/2017	226.20	226.50	-0.13%
6	Long	01/24/2017	226.50	235.80	+4.11%
7	Short	03/21/2017	235.80	235.20	+0.25%
8	Long	03/28/2017	235.20	235.10	-0.04%
9	Short	04/05/2017	235.10	235.40	-0.13%
10	Long	04/06/2017	235.40	234.80	-0.25%
11	Short	04/12/2017	234.80	234.60	+0.09%
12	Long	04/20/2017	234.60	238.30	+1.58%
13	Short	05/17/2017	238.30	237.70	+0.25%
14	Long	05/22/2017	237.70	242.50	+2.02%
15	Short	06/27/2017	242.50	242.80	-0.12%
16	Long	06/28/2017	242.80	242.40	-0.16%
17	Short	06/29/2017	242.40	242.50	-0.04%
18	Long	07/05/2017	242.50	241.90	-0.25%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
19	Short	07/06/2017	241.90	242.20	-0.12%
20	Long	01/10/2017	242.20	246.00	+1.57%
21	Short	08/10/2017	246.00	246.40	-0.16%
22	Long	08/14/2017	246.40	245.80	-0.24%
23	Short	08/17/2017	245.80	245.30	+0.20%
24	Long	08/22/2017	245.30	257.60	+5.01%
25	Short	11/14/2017	257.60	257.80	-0.08%
26	Long	11/16/2017	257.80	266.90	+3.53%
1	Long	12/29/2017	266.90	279.60	+4.76%
2	Short	02/02/2018	279.60	270.00	+3.43%
3	Long	02/15/2018	270.00	270.40	+0.15%
4	Short	02/28/2018	270.40	271.00	-0.22%
5	Long	03/05/2018	271.00	272.40	+0.52%
6	Short	03/19/2018	272.40	264.70	+2.83%
7	Long	04/05/2018	264.70	262.50	-0.83%
8	Short	04/06/2018	262.50	260.90	+0.61%
9	Long	04/10/2018	260.90	267.00	+2.34%
10	Short	04/24/2018	267.00	266.00	+0.37%
11	Long	04/26/2018	266.00	265.60	-0.15%
12	Short	04/30/2018	265.60	265.40	+0.08%
13	Long	05/04/2018	265.40	269.70	+1.62%
14	Short	05/29/2018	269.70	270.30	-0.22%
15	Long	05/30/2018	270.30	275.30	+1.85%
16	Short	06/18/2018	275.30	272.00	+1.20%
17	Long	07/06/2018	272.00	278.90	+2.54%
18	Short	07/30/2018	278.90	279.50	-0.22%
19	Long	08/03/2018	279.50	281.20	+0.61%
20	Short	08/13/2018	281.20	282.20	-0.36%
21	Long	08/16/2018	282.20	286.80	+1.63%
22	Short	09/06/2018	286.80	287.40	-0.21%
23	Long	09/13/2018	287.40	290.10	+0.94%
24	Short	10/04/2018	290.10	272.80	+5.96%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
25	Long	11/01/2018	272.80	273.00	+0.07%
26	Short	11/12/2018	273.00	271.10	+0.70%
27	Long	11/28/2018	271.10	270.90	-0.07%
1	Short	12/04/2018	270.90	249.90	+7.75%
2	Long	01/04/2019	249.90	276.40	+10.60%
3	Short	03/07/2019	276.40	276.30	+0.04%
4	Long	03/11/2019	276.30	279.60	+1.19%
5	Short	03/22/2019	279.60	282.00	-0.86%
6	Long	03/26/2019	282.00	279.70	-0.82%
7	Short	03/27/2019	279.70	281.50	-0.64%
8	Long	03/29/2019	281.50	291.00	+3.37%
9	Short	05/02/2019	291.00	292.20	-0.41%
10	Long	05/03/2019	292.20	291.20	-0.34%
11	Short	05/06/2019	291.20	287.60	+1.24%
12	Long	05/16/2019	287.60	283.00	-1.60%
13	Short	05/23/2019	283.00	281.10	+0.67%
14	Long	06/05/2019	281.10	299.20	+6.44%
15	Short	07/31/2019	299.20	291.70	+2.51%
16	Long	08/19/2019	291.70	289.70	-0.69%
17	Short	08/23/2019	289.70	290.90	-0.41%
18	Long	08/29/2019	290.90	296.70	+1.99%
19	Short	09/24/2019	296.70	296.30	+0.13%
20	Long	10/11/2019	296.30	309.20	+4.35%
21	Short	12/03/2019	309.20	314.60	-1.75%
1	Long	12/06/2019	314.60	321.90	+2.32%
2	Long	01/01/2020	321.90	324.50	+0.81%
3	Short	01/27/2020	324.50	328.40	-1.20%
4	Long	02/04/2020	328.40	333.70	+1.61%
5	Short	02/21/2020	333.70	254.90	+23.61%
6	Long	03/26/2020	254.90	250.10	-1.88%
7	Short	04/01/2020	250.10	259.10	-3.60%
8	Long	04/06/2020	259.10	284.80	+9.92%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
9	Short	05/13/2020	284.80	293.20	-2.95%
10	Long	05/18/2020	293.20	307.90	+5.01%
11	Short	06/11/2020	307.90	314.20	-2.05%
12	Long	06/16/2020	314.20	307.10	-2.26%
13	Short	06/24/2020	307.10	308.60	-0.49%
14	Long	07/01/2020	308.60	344.00	+11.47%
15	Short	09/03/2020	344.00	341.40	+0.76%
16	Long	09/16/2020	341.40	334.10	-2.14%
17	Short	09/17/2020	334.10	334.50	-0.12%
18	Long	09/30/2020	334.50	341.60	+2.12%
19	Short	10/26/2020	341.60	340.90	+0.20%
1	Long	11/04/2020	340.90	368.10	+7.98%
2	Short	01/04/2021	368.10	372.40	-1.17%
3	Long	01/06/2021	372.40	377.30	+1.32%
4	Short	01/27/2021	377.30	380.10	-0.74%
5	Long	02/02/2021	380.10	382.20	+0.55%
6	Short	02/23/2021	382.20	389.00	-1.78%
7	Long	02/24/2021	389.00	385.80	-0.82%
8	Short	02/25/2021	385.80	388.60	-0.73%
9	Long	03/01/2021	388.60	384.00	-1.18%
10	Short	03/03/2021	384.00	385.80	-0.47%
11	Long	03/09/2021	385.80	389.50	+0.96%
12	Short	03/24/2021	389.50	391.60	-0.54%
13	Long	03/26/2021	391.60	413.60	+5.62%
14	Short	05/11/2021	413.60	416.70	-0.75%
15	Long	05/14/2021	416.70	410.10	-1.58%
16	Short	05/19/2021	410.10	414.70	-1.12%
17	Long	05/20/2021	414.70	417.10	+0.58%
18	Short	06/18/2021	417.10	423.10	-1.44%
19	Long	06/22/2021	423.10	423.80	+0.17%
20	Short	07/19/2021	423.80	433.90	-2.38%
21	Long	07/21/2021	433.90	439.50	+1.29%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
22	Short	08/19/2021	439.50	442.90	-0.77%
23	Long	08/20/2021	442.90	448.70	+1.31%
24	Short	09/10/2021	448.70	443.60	+1.14%
25	Long	09/23/2021	443.60	439.20	-0.99%
26	Short	09/28/2021	439.20	439.10	+0.02%
27	Long	10/14/2021	439.10	462.30	+5.28%
28	Short	11/26/2021	462.30	463.30	-0.22%
29	Long	12/07/2021	463.30	462.80	-0.11%
30	Short	12/17/2021	462.80	465.20	-0.52%
1	Long	12/22/2021	465.20	471.50	+1.35%
2	Short	01/05/2022	471.50	448.90	+4.79%
3	Long	02/01/2022	448.90	446.40	-0.56%
4	Short	02/11/2022	446.40	431.30	+3.38%
5	Long	03/16/2022	431.30	447.60	+3.78%
6	Short	04/06/2022	447.60	405.10	+9.50%
7	Long	05/26/2022	405.10	404.60	-0.12%
8	Short	06/09/2022	404.60	385.10	+4.82%
9	Long	06/24/2022	385.10	371.20	-3.61%
10	Short	06/30/2022	371.20	382.20	-2.96%
11	Long	07/07/2022	382.20	379.40	-0.73%
12	Short	07/12/2022	379.40	384.47	-1.34%
13	Long	07/15/2022	384.47	415.80	+8.15%
14	Short	08/22/2022	415.80	405.30	+2.53%
15	Long	09/09/2022	405.30	397.70	-1.88%
16	Short	09/13/2022	397.70	375.20	+5.66%
17	Long	10/04/2022	375.20	365.20	-2.67%
18	Short	10/07/2022	365.20	369.70	-1.23%
19	Long	10/18/2022	369.70	370.70	+0.27%
20	Short	11/03/2022	370.70	392.18	-5.79%
21	Long	11/10/2022	392.18	396.01	+0.98%
22	Short	12/06/2022	396.01	401.96	-1.50%
23	Long	12/13/2022	401.96	394.38	-1.89%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
1	Short	12/15/2022	394.38	386.70	+1.95%
2	Long	01/06/2023	386.70	389.55	+0.74%
3	Short	01/19/2023	389.55	399.19	-2.47%
4	Long	01/23/2023	399.19	407.35	+2.04%
5	Short	02/17/2023	407.35	401.42	+1.46%
6	Long	03/03/2023	401.42	397.33	-1.02%
7	Short	03/08/2023	397.33	397.24	+0.02%
8	Long	03/21/2023	397.24	408.10	+2.73%
9	Short	04/25/2023	408.10	411.51	-0.84%
10	Long	04/27/2023	411.51	408.91	-0.63%
11	Short	05/03/2023	408.91	411.68	-0.68%
12	Long	05/05/2023	411.68	409.69	-0.48%
13	Short	05/10/2023	409.69	416.08	-1.56%
14	Long	05/18/2023	416.08	411.09	-1.20%
15	Short	05/24/2023	411.09	418.50	-1.80%
16	Long	05/26/2023	418.50	451.66	+7.92%
17	Short	08/02/2023	451.66	444.02	+1.69%
18	Long	08/29/2023	444.02	445.06	+0.23%
19	Short	09/15/2023	445.06	431.91	+2.95%
20	Long	10/09/2023	431.91	431.50	-0.09%
21	Short	10/18/2023	431.50	426.78	+1.09%
1	Long	11/02/2023	426.78	469.74	+10.07%
2	Short	01/03/2024	469.74	473.35	-0.77%
3	Long	01/08/2024	473.35	518.25	+9.49%
4	Short	04/04/2024	518.25	509.49	+1.69%
5	Long	04/29/2024	509.49	503.88	-1.10%
6	Short	05/01/2024	503.88	510.47	-1.31%
7	Long	05/03/2024	510.47	522.54	+2.36%
8	Short	05/30/2024	522.54	533.00	-2.00%
9	Long	06/05/2024	533.00	552.65	+3.69%
10	Short	07/18/2024	552.65	538.97	+2.48%
11	Long	08/13/2024	538.97	552.96	+2.60%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
12	Short	09/03/2024	552.96	557.13	-0.75%
13	Long	09/12/2024	557.13	578.18	+3.78%
14	Short	10/23/2024	578.18	589.54	-1.96%
15	Long	11/06/2024	589.54	585.70	-0.65%
16	Short	11/15/2024	585.70	592.90	-1.23%
17	Long	11/21/2024	592.90	598.88	+1.01%
1	Short	12/18/2024	598.88	591.59	+1.22%
2	Long	01/15/2025	591.59	597.98	+1.08%
3	Short	02/03/2025	597.98	602.42	-0.74%
4	Long	02/06/2025	602.42	605.41	+0.50%
5	Short	02/21/2025	605.41	572.25	+5.48%
6	Long	03/24/2025	572.25	562.75	-1.66%
7	Short	03/28/2025	562.75	534.32	+5.05%
8	Long	04/23/2025	534.32	622.42	+16.49%
9	Short	08/01/2025	622.42	636.25	-2.22%
10	Long	08/08/2025	636.25	662.23	+4.08%
11	Short	10/10/2025	662.23	671.50	-1.40%
12	Long	10/20/2025	671.50	672.50	+0.15%
13	Short	11/06/2025	672.50	680.17	-1.14%
14	Long	11/10/2025	680.17	674.04	-0.90%
15	Short	11/13/2025	674.04	673.04	+0.15%
16	Long	11/25/2025	673.04	677.90	+0.72%
17	Short	12/16/2025	677.90	684.02	-0.90%
18	Long	12/22/2025	684.02	691.58*	+1.11%

**Note\*:** The exit price for the last (most recent) signal represents the current ETF price at the time this report was generated, not a closed signal price.