



All-Time Return
+11442.81%

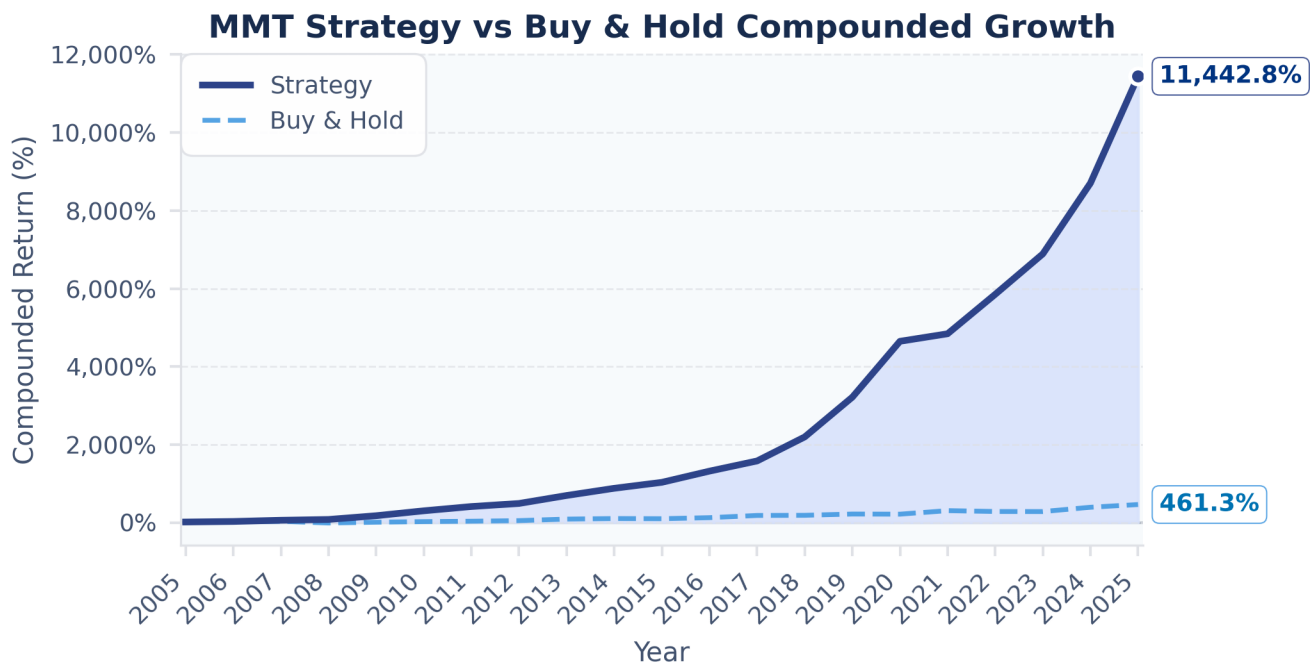
CAGR
+25.42%

Buy & Hold
CAGR
+8.58%

Profit Factor
3.20

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: +11442.81% vs Buy & Hold: +461.34%
Absolute Outperformance: +10981.47%
Relative Outperformance: 24.80x Buy & Hold return



Overall Statistics

Metric	Value
All-Time Return	+11442.81%
CAGR %	+25.42%
Buy & Hold CAGR %	+8.58%
Buy & Hold (All-Time)	+461.33%
Relative Outperformance	24.80x
Total Trades	623
Winning Trades	277
Losing Trades	332
Breakeven Trades	14
Win Rate	+45.48%
Average Win %	+2.61%
Average Loss %	-0.68%
Biggest Win %	+24.55%
Biggest Loss %	-4.89%
Win/Loss Ratio	3.84
Profit Factor	3.20
Total Trading Period	7658 days
Avg Trades/Month	2.48
Avg Trades/Year	29.71

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).

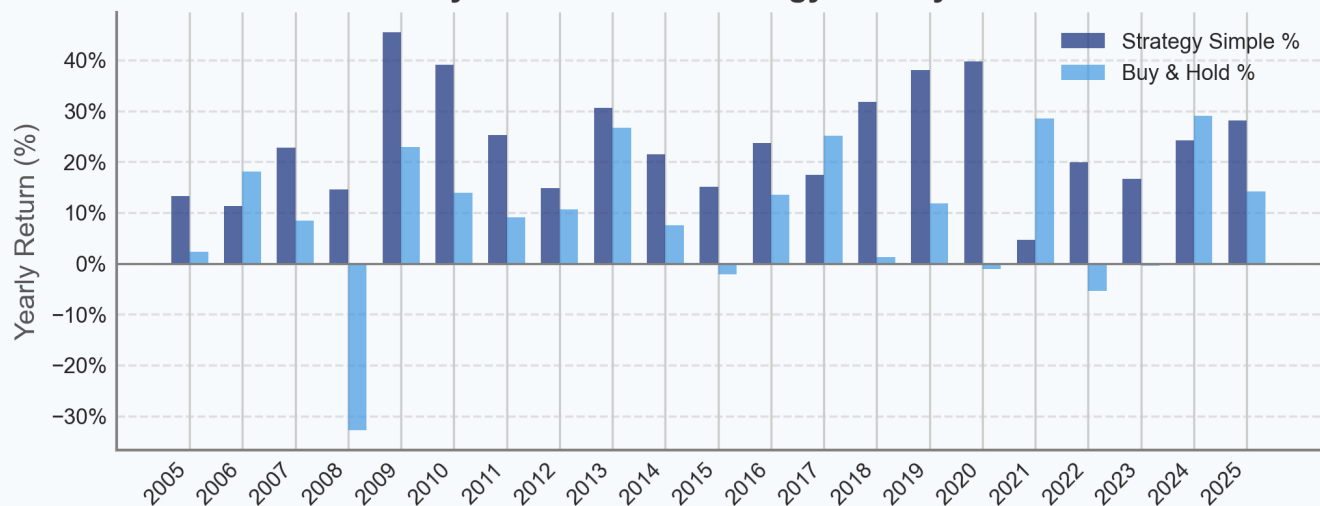
Total Trading Period: Total duration of the trading period in days.

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	+13.19%	+13.80%	+2.28%	+10.91%
2006	+11.31%	+27.09%	+18.02%	-6.71%
2007	+22.76%	+58.51%	+8.39%	+14.37%
2008	+14.56%	+78.84%	-32.78%	+47.34%
2009	+45.45%	+174.90%	+22.90%	+22.55%
2010	+39.05%	+300.72%	+13.89%	+25.16%
2011	+25.19%	+410.41%	+9.06%	+16.13%
2012	+14.83%	+488.68%	+10.68%	+4.15%
2013	+30.57%	+693.12%	+26.72%	+3.85%
2014	+21.45%	+877.85%	+7.49%	+13.96%
2015	+15.08%	+1030.89%	-2.19%	+17.27%
2016	+23.72%	+1318.00%	+13.51%	+10.21%
2017	+17.39%	+1578.97%	+25.16%	-7.77%
2018	+31.76%	+2194.69%	+1.25%	+30.51%
2019	+37.97%	+3214.27%	+11.75%	+26.22%
2020	+39.69%	+4647.44%	-1.04%	+40.73%
2021	+4.58%	+4840.14%	+28.50%	-23.92%



Year	Strategy Simple %	Strategy Comp. EOS %	Buy&Hold; %	Out-performance
2022	+19.86%	+5851.31%	-5.36%	+25.22%
2023	+16.58%	+6888.39%	-0.49%	+17.07%
2024	+24.24%	+8702.96%	+29.00%	-4.76%
2025	+28.07%	+11442.81%	+14.18%	+13.89%

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	87.90	87.10	+0.91%
2	Long	01/18/2005	87.10	86.40	-0.80%
3	Short	01/20/2005	86.40	86.50	-0.12%
4	Long	02/03/2005	86.50	87.90	+1.62%
5	Short	02/22/2005	87.90	88.50	-0.68%
6	Long	02/25/2005	88.50	88.90	+0.45%
7	Short	03/09/2005	88.90	86.80	+2.36%
8	Long	04/07/2005	86.80	86.40	-0.46%
9	Short	04/08/2005	86.40	86.70	-0.35%
10	Long	04/12/2005	86.70	86.20	-0.58%
11	Short	04/13/2005	86.20	84.40	+2.09%
12	Long	05/02/2005	84.40	84.60	+0.24%
13	Short	05/10/2005	84.60	85.00	-0.47%
14	Long	05/17/2005	85.00	87.00	+2.35%
15	Short	06/23/2005	87.00	86.20	+0.92%
16	Long	07/08/2005	86.20	88.00	+2.09%
17	Short	08/04/2005	88.00	88.10	-0.11%
18	Long	08/09/2005	88.10	88.00	-0.11%
19	Short	08/12/2005	88.00	88.20	-0.23%
20	Long	08/15/2005	88.20	87.90	-0.34%
21	Short	08/16/2005	87.90	88.00	-0.11%
22	Long	08/19/2005	88.00	87.70	-0.34%
23	Short	08/23/2005	87.70	87.30	+0.46%
24	Long	08/31/2005	87.30	87.80	+0.57%
25	Short	09/14/2005	87.80	88.10	-0.34%
26	Long	09/16/2005	88.10	87.80	-0.34%
27	Short	09/19/2005	87.80	87.50	+0.34%
28	Long	09/29/2005	87.50	87.30	-0.23%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
29	Short	10/04/2005	87.30	86.10	+1.37%
30	Long	10/17/2005	86.10	85.80	-0.35%
31	Short	10/20/2005	85.80	86.10	-0.35%
32	Long	10/24/2005	86.10	85.90	-0.23%
33	Short	10/27/2005	85.90	86.20	-0.35%
34	Long	10/28/2005	86.20	90.20	+4.64%
35	Short	12/07/2005	90.20	90.40	-0.22%
36	Long	12/13/2005	90.40	90.20	-0.22%
37	Short	12/20/2005	90.20	90.40	-0.22%
38	Long	12/21/2005	90.40	90.30	-0.11%
39	Short	12/27/2005	90.30	89.90	+0.44%
1	Short	12/30/2005	89.90	90.50	-0.67%
2	Long	01/03/2006	90.50	91.10	+0.66%
3	Short	01/17/2006	91.10	90.50	+0.66%
4	Long	01/26/2006	90.50	90.60	+0.11%
5	Short	02/02/2006	90.60	90.70	-0.11%
6	Long	02/08/2006	90.70	92.10	+1.54%
7	Short	02/28/2006	92.10	92.40	-0.33%
8	Long	03/10/2006	92.40	93.80	+1.52%
9	Short	03/28/2006	93.80	93.90	-0.11%
10	Long	04/04/2006	93.90	93.60	-0.32%
11	Short	04/07/2006	93.60	93.80	-0.21%
12	Long	04/18/2006	93.80	96.10	+2.45%
13	Short	05/12/2006	96.10	94.70	+1.46%
14	Long	05/28/2006	94.70	94.30	-0.42%
15	Short	05/29/2006	94.30	94.50	-0.21%
16	Long	06/01/2006	94.50	93.90	-0.63%
17	Short	06/05/2006	93.90	92.60	+1.38%
18	Long	06/15/2006	92.60	92.30	-0.32%
19	Short	06/27/2006	92.30	93.20	-0.98%
20	Long	06/29/2006	93.20	93.10	-0.11%
21	Short	07/12/2006	93.10	92.50	+0.64%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
22	Long	07/19/2006	92.50	93.70	+1.30%
23	Short	08/09/2006	93.70	94.60	-0.96%
24	Long	08/15/2006	94.60	95.80	+1.27%
25	Short	09/07/2006	95.80	96.60	-0.84%
26	Long	09/12/2006	96.60	101.90	+5.49%
27	Short	11/01/2006	101.90	102.30	-0.39%
28	Long	11/06/2006	102.30	103.60	+1.27%
29	Short	11/27/2006	103.60	104.00	-0.39%
30	Long	11/29/2006	104.00	103.50	-0.48%
31	Short	11/30/2006	103.50	104.20	-0.68%
32	Long	12/04/2006	104.20	105.10	+0.86%
33	Short	12/22/2006	105.10	106.20	-1.05%
34	Long	12/27/2006	106.20	106.10	-0.09%
1	Long	12/29/2006	106.10	105.50	-0.57%
2	Short	01/05/2007	105.50	106.00	-0.47%
3	Long	01/10/2007	106.00	106.40	+0.38%
4	Short	01/22/2007	106.40	107.10	-0.66%
5	Long	01/24/2007	107.10	106.50	-0.56%
6	Short	01/26/2007	106.50	107.10	-0.56%
7	Long	01/31/2007	107.10	107.20	+0.09%
8	Short	02/09/2007	107.20	107.70	-0.47%
9	Long	02/13/2007	107.70	108.00	+0.28%
10	Short	02/23/2007	108.00	104.90	+2.87%
11	Long	03/20/2007	104.90	105.20	+0.29%
12	Short	03/28/2007	105.20	106.20	-0.95%
13	Long	04/04/2007	106.20	115.40	+8.66%
14	Short	06/07/2007	115.40	115.50	-0.09%
15	Long	06/13/2007	115.50	115.70	+0.17%
16	Short	06/20/2007	115.70	115.50	+0.17%
17	Long	07/02/2007	115.50	115.90	+0.35%
18	Short	07/10/2007	115.90	116.40	-0.43%
19	Long	07/11/2007	116.40	118.00	+1.37%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
20	Short	07/24/2007	118.00	116.00	+1.69%
21	Long	08/07/2007	116.00	115.20	-0.69%
22	Short	08/09/2007	115.20	113.50	+1.48%
23	Long	08/22/2007	113.50	113.30	-0.18%
24	Short	08/28/2007	113.30	113.80	-0.44%
25	Long	08/29/2007	113.80	113.70	-0.09%
26	Short	09/07/2007	113.70	114.20	-0.44%
27	Long	09/11/2007	114.20	120.00	+5.08%
28	Short	10/16/2007	120.00	119.00	+0.83%
29	Long	10/26/2007	119.00	118.50	-0.42%
30	Short	11/01/2007	118.50	113.60	+4.14%
31	Long	11/28/2007	113.60	115.60	+1.76%
32	Short	12/14/2007	115.60	116.00	-0.35%
33	Long	12/21/2007	116.00	115.80	-0.17%
34	Short	12/27/2007	115.80	115.00	+0.69%
1	Short	12/31/2007	115.00	108.10	+6.00%
2	Long	01/29/2008	108.10	107.50	-0.56%
3	Short	02/05/2008	107.50	107.70	-0.19%
4	Long	02/12/2008	107.70	107.00	-0.65%
5	Short	02/16/2008	107.00	108.00	-0.93%
6	Long	02/20/2008	108.00	107.10	-0.83%
7	Short	02/21/2008	107.10	108.30	-1.12%
8	Long	02/25/2008	108.30	107.50	-0.74%
9	Short	02/28/2008	107.50	106.50	+0.93%
10	Long	03/18/2008	106.50	106.70	+0.19%
11	Short	03/28/2008	106.70	108.20	-1.41%
12	Long	03/31/2008	108.20	108.50	+0.28%
13	Short	04/11/2008	108.50	109.00	-0.46%
14	Long	04/16/2008	109.00	111.80	+2.57%
15	Short	05/07/2008	111.80	112.50	-0.63%
16	Long	05/14/2008	112.50	112.10	-0.36%
17	Short	05/20/2008	112.10	110.00	+1.87%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
18	Long	07/04/2008	110.00	109.20	-0.73%
19	Short	07/05/2008	109.20	99.00	+9.34%
20	Long	07/17/2008	99.00	99.80	+0.81%
21	Short	07/24/2008	99.80	100.50	-0.70%
22	Long	07/30/2008	100.50	100.00	-0.50%
23	Short	07/31/2008	100.00	100.60	-0.60%
24	Long	08/05/2008	100.60	100.80	+0.20%
25	Short	08/18/2008	100.80	102.20	-1.39%
26	Long	08/22/2008	102.20	101.00	-1.17%
27	Short	08/25/2008	101.00	101.50	-0.50%
28	Long	08/27/2008	101.50	101.00	-0.49%
29	Short	09/01/2008	101.00	101.50	-0.50%
30	Long	09/08/2008	101.50	100.00	-1.48%
31	Short	09/09/2008	100.00	101.00	-1.00%
32	Long	09/11/2008	101.00	98.00	-2.97%
33	Short	09/15/2008	98.00	100.50	-2.55%
34	Long	09/19/2008	100.50	97.50	-2.99%
35	Short	09/23/2008	97.50	98.00	-0.51%
36	Long	09/26/2008	98.00	95.90	-2.14%
37	Short	09/29/2008	95.90	79.00	+17.62%
38	Long	10/28/2008	79.00	79.90	+1.14%
39	Short	11/06/2008	79.90	75.00	+6.13%
40	Long	11/25/2008	75.00	74.50	-0.67%
41	Short	12/01/2008	74.50	75.50	-1.34%
42	Long	12/03/2008	75.50	74.50	-1.32%
43	Short	12/04/2008	74.50	75.90	-1.88%
44	Long	12/05/2008	75.90	76.00	+0.13%
45	Short	12/11/2008	76.00	76.80	-1.05%
46	Long	12/16/2008	76.80	76.40	-0.52%
47	Short	12/18/2008	76.40	76.00	+0.52%
48	Long	12/30/2008	76.00	77.30	+1.71%
1	Long	12/31/2008	77.30	77.00	-0.39%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
2	Short	01/08/2009	77.00	73.50	+4.55%
3	Long	01/28/2009	73.50	72.00	-2.04%
4	Short	01/30/2009	72.00	72.30	-0.42%
5	Long	02/06/2009	72.30	71.60	-0.97%
6	Short	02/10/2009	71.60	62.50	+12.71%
7	Long	03/12/2009	62.50	70.40	+12.64%
8	Short	04/20/2009	70.40	71.60	-1.70%
9	Long	04/24/2009	71.60	74.10	+3.49%
10	Short	05/13/2009	74.10	75.10	-1.35%
11	Long	05/18/2009	75.10	74.50	-0.80%
12	Short	05/21/2009	74.50	75.00	-0.67%
13	Long	05/26/2009	75.00	74.70	-0.40%
14	Short	05/27/2009	74.70	75.20	-0.67%
15	Long	05/28/2009	75.20	77.40	+2.93%
16	Short	06/15/2009	77.40	76.40	+1.29%
17	Long	06/29/2009	76.40	75.50	-1.18%
18	Short	07/03/2009	75.50	74.90	+0.79%
19	Long	07/13/2009	74.90	82.70	+10.41%
20	Short	08/17/2009	82.70	83.50	-0.97%
21	Long	08/19/2009	83.50	84.80	+1.56%
22	Short	09/02/2009	84.80	85.10	-0.35%
23	Long	09/05/2009	85.10	87.60	+2.94%
24	Short	09/25/2009	87.60	88.00	-0.46%
25	Long	09/28/2009	88.00	87.40	-0.68%
26	Short	09/30/2009	87.40	87.50	-0.11%
27	Long	10/06/2009	87.50	89.60	+2.40%
28	Short	10/26/2009	89.60	89.80	-0.22%
29	Long	10/29/2009	89.80	89.30	-0.56%
30	Short	10/30/2009	89.30	89.70	-0.45%
31	Long	11/05/2009	89.70	93.90	+4.68%
32	Short	12/08/2009	93.90	94.60	-0.75%
33	Long	12/10/2009	94.60	94.50	-0.11%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
34	Short	12/17/2009	94.50	94.80	-0.32%
35	Long	12/21/2009	94.80	95.20	+0.42%
36	Short	12/31/2009	95.20	95.00	+0.21%
1	Long	12/31/2009	95.00	96.40	+1.47%
2	Short	01/20/2010	96.40	92.70	+3.84%
3	Long	02/11/2010	92.70	101.40	+9.39%
4	Short	04/27/2010	101.40	101.70	-0.30%
5	Long	04/29/2010	101.70	101.40	-0.29%
6	Short	04/30/2010	101.40	101.60	-0.20%
7	Long	05/03/2010	101.60	101.20	-0.39%
8	Short	05/04/2010	101.20	99.60	+1.58%
9	Long	05/12/2010	99.60	98.50	-1.10%
10	Short	05/14/2010	98.50	94.50	+4.06%
11	Long	06/03/2010	94.50	93.00	-1.59%
12	Short	06/04/2010	93.00	93.20	-0.22%
13	Long	06/10/2010	93.20	94.50	+1.39%
14	Short	06/24/2010	94.50	92.30	+2.33%
15	Long	07/07/2010	92.30	93.70	+1.52%
16	Short	07/16/2010	93.70	94.50	-0.85%
17	Long	07/22/2010	94.50	97.00	+2.65%
18	Short	08/11/2010	97.00	94.50	+2.58%
19	Long	09/02/2010	94.50	104.70	+10.79%
20	Short	11/12/2010	104.70	104.00	+0.67%
21	Long	11/18/2010	104.00	103.20	-0.77%
22	Short	11/23/2010	103.20	104.10	-0.87%
23	Long	11/24/2010	104.10	103.80	-0.29%
24	Short	11/25/2010	103.80	104.10	-0.29%
25	Long	12/01/2010	104.10	108.20	+3.94%
1	Long	12/31/2010	108.20	110.80	+2.40%
2	Short	01/28/2011	110.80	111.90	-0.99%
3	Long	02/01/2011	111.90	114.00	+1.88%
4	Short	02/23/2011	114.00	114.20	-0.18%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
5	Long	02/26/2011	114.20	113.90	-0.26%
6	Short	03/01/2011	113.90	114.10	-0.18%
7	Long	03/03/2011	114.10	113.80	-0.26%
8	Short	03/07/2011	113.80	114.10	-0.26%
9	Long	03/08/2011	114.10	113.50	-0.53%
10	Short	03/10/2011	113.50	112.50	+0.88%
11	Long	03/21/2011	112.50	115.60	+2.76%
12	Short	04/12/2011	115.60	115.60	0.00%
13	Long	04/15/2011	115.60	114.80	-0.69%
14	Short	04/18/2011	114.80	116.80	-1.74%
15	Long	04/20/2011	116.80	118.50	+1.46%
16	Short	05/05/2011	118.50	119.60	-0.93%
17	Long	05/10/2011	119.60	118.80	-0.67%
18	Short	05/13/2011	118.80	118.60	+0.17%
19	Long	05/19/2011	118.60	118.50	-0.08%
20	Short	05/20/2011	118.50	118.00	+0.42%
21	Long	05/28/2011	118.00	117.50	-0.42%
22	Short	06/01/2011	117.50	114.20	+2.81%
23	Long	06/20/2011	114.20	113.80	-0.35%
24	Short	06/24/2011	113.80	114.20	-0.35%
25	Long	06/28/2011	114.20	117.50	+2.89%
26	Short	07/14/2011	117.50	118.10	-0.51%
27	Long	07/19/2011	118.10	118.40	+0.25%
28	Short	07/26/2011	118.40	106.80	+9.80%
29	Long	08/24/2011	106.80	107.50	+0.66%
30	Short	09/03/2011	107.50	107.60	-0.09%
31	Long	09/07/2011	107.60	107.30	-0.28%
32	Short	09/08/2011	107.30	107.00	+0.28%
33	Long	09/14/2011	107.00	107.00	0.00%
34	Short	09/21/2011	107.00	106.20	+0.75%
35	Long	09/27/2011	106.20	105.80	-0.38%
36	Short	09/28/2011	105.80	106.00	-0.19%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
37	Long	09/29/2011	106.00	105.00	-0.94%
38	Short	09/30/2011	105.00	105.00	0.00%
39	Long	10/06/2011	105.00	112.00	+6.67%
40	Short	11/01/2011	112.00	113.00	-0.89%
41	Long	11/03/2011	113.00	113.50	+0.44%
42	Short	11/09/2011	113.50	115.00	-1.32%
43	Long	11/11/2011	115.00	114.00	-0.87%
44	Short	11/16/2011	114.00	113.50	+0.44%
45	Long	11/30/2011	113.50	114.30	+0.70%
46	Short	12/13/2011	114.30	114.50	-0.17%
47	Long	12/20/2011	114.50	118.00	+3.06%
1	Long	12/30/2011	118.00	126.80	+7.46%
2	Short	03/06/2012	126.80	127.10	-0.24%
3	Long	03/08/2012	127.10	128.20	+0.87%
4	Short	03/22/2012	128.20	129.90	-1.33%
5	Long	03/26/2012	129.90	129.00	-0.69%
6	Short	04/05/2012	129.00	128.20	+0.62%
7	Long	04/17/2012	128.20	127.00	-0.94%
8	Short	04/23/2012	127.00	128.30	-1.02%
9	Long	04/24/2012	128.30	129.00	+0.55%
10	Short	05/04/2012	129.00	123.00	+4.65%
11	Long	06/06/2012	123.00	124.70	+1.38%
12	Short	06/21/2012	124.70	127.00	-1.84%
13	Long	06/29/2012	127.00	126.00	-0.79%
14	Short	07/10/2012	126.00	126.20	-0.16%
15	Long	07/13/2012	126.20	126.00	-0.16%
16	Short	07/23/2012	126.00	127.90	-1.51%
17	Long	07/26/2012	127.90	130.50	+2.03%
18	Short	08/23/2012	130.50	131.00	-0.38%
19	Long	09/06/2012	131.00	134.80	+2.90%
20	Short	09/25/2012	134.80	135.20	-0.30%
21	Long	10/01/2012	135.20	134.60	-0.44%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
22	Short	10/09/2012	134.60	134.70	-0.07%
23	Long	10/16/2012	134.70	134.00	-0.52%
24	Short	10/19/2012	134.00	132.00	+1.49%
25	Long	11/06/2012	132.00	130.50	-1.14%
26	Short	11/07/2012	130.50	128.10	+1.84%
27	Long	11/21/2012	128.10	131.00	+2.26%
28	Short	12/26/2012	131.00	130.60	+0.31%
1	Short	12/31/2012	130.60	132.00	-1.07%
2	Long	01/02/2013	132.00	137.50	+4.17%
3	Short	02/21/2013	137.50	137.70	-0.15%
4	Long	02/27/2013	137.70	145.00	+5.30%
5	Short	04/15/2013	145.00	145.10	-0.07%
6	Long	04/23/2013	145.10	151.00	+4.07%
7	Short	05/31/2013	151.00	151.00	0.00%
8	Long	06/07/2013	151.00	150.50	-0.33%
9	Short	06/11/2013	150.50	151.00	-0.33%
10	Long	06/13/2013	151.00	148.80	-1.46%
11	Short	06/20/2013	148.80	149.30	-0.34%
12	Long	06/27/2013	149.30	154.50	+3.48%
13	Short	08/06/2013	154.50	150.00	+2.91%
14	Long	09/09/2013	150.00	152.50	+1.67%
15	Short	09/25/2013	152.50	149.10	+2.23%
16	Long	10/10/2013	149.10	159.30	+6.84%
17	Short	12/04/2013	159.30	159.50	-0.13%
18	Long	12/07/2013	159.50	159.00	-0.31%
19	Short	12/11/2013	159.00	159.00	0.00%
20	Long	12/18/2013	159.00	165.50	+4.09%
1	Long	12/31/2013	165.50	163.00	-1.51%
2	Short	01/13/2014	163.00	163.80	-0.49%
3	Long	01/15/2014	163.80	162.30	-0.92%
4	Short	01/23/2014	162.30	157.70	+2.83%
5	Long	02/07/2014	157.70	162.40	+2.98%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
6	Short	03/13/2014	162.40	162.20	+0.12%
7	Long	03/17/2014	162.20	162.00	-0.12%
8	Short	03/19/2014	162.00	162.30	-0.19%
9	Long	03/20/2014	162.30	163.40	+0.68%
10	Short	04/07/2014	163.40	163.40	0.00%
11	Long	04/09/2014	163.40	162.70	-0.43%
12	Short	04/10/2014	162.70	163.00	-0.18%
13	Long	04/16/2014	163.00	163.50	+0.31%
14	Short	04/25/2014	163.50	164.00	-0.31%
15	Long	04/28/2014	164.00	164.70	+0.43%
16	Short	05/15/2014	164.70	164.80	-0.06%
17	Long	05/21/2014	164.80	167.00	+1.33%
18	Short	06/12/2014	167.00	167.30	-0.18%
19	Long	06/18/2014	167.30	167.80	+0.30%
20	Short	06/24/2014	167.80	168.20	-0.24%
21	Long	07/03/2014	168.20	168.70	+0.30%
22	Short	07/08/2014	168.70	170.00	-0.77%
23	Long	07/14/2014	170.00	169.80	-0.12%
24	Short	07/25/2014	169.80	166.00	+2.24%
25	Long	08/13/2014	166.00	170.00	+2.41%
26	Short	09/12/2014	170.00	170.40	-0.24%
27	Long	09/16/2014	170.40	170.40	0.00%
28	Short	09/25/2014	170.40	164.50	+3.46%
29	Long	10/21/2014	164.50	177.00	+7.60%
30	Short	12/10/2014	177.00	175.60	+0.79%
31	Long	12/18/2014	175.60	178.00	+1.37%
32	Short	12/31/2014	178.00	177.90	+0.06%
1	Short	12/31/2014	177.90	177.50	+0.22%
2	Long	01/08/2015	177.50	176.60	-0.51%
3	Short	01/12/2015	176.60	176.00	+0.34%
4	Long	01/22/2015	176.00	173.50	-1.42%
5	Short	01/27/2015	173.50	174.60	-0.63%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
6	Long	02/03/2015	174.60	179.80	+2.98%
7	Short	03/06/2015	179.80	178.80	+0.56%
8	Long	03/16/2015	178.80	179.30	+0.28%
9	Short	03/25/2015	179.30	178.70	+0.33%
10	Long	03/30/2015	178.70	178.40	-0.17%
11	Short	03/31/2015	178.40	178.20	+0.11%
12	Long	04/06/2015	178.20	179.20	+0.56%
13	Short	04/17/2015	179.20	179.30	-0.06%
14	Long	04/20/2015	179.30	179.10	-0.11%
15	Short	04/21/2015	179.10	179.50	-0.22%
16	Long	04/22/2015	179.50	179.30	-0.11%
17	Short	04/30/2015	179.30	179.00	+0.17%
18	Long	05/01/2015	179.00	178.70	-0.17%
19	Short	05/05/2015	178.70	180.20	-0.84%
20	Long	05/10/2015	180.20	180.90	+0.39%
21	Short	05/26/2015	180.90	179.30	+0.88%
22	Long	06/10/2015	179.30	177.80	-0.84%
23	Short	06/15/2015	177.80	179.70	-1.07%
24	Long	06/18/2015	179.70	179.60	-0.06%
25	Short	06/24/2015	179.60	177.40	+1.22%
26	Long	07/10/2015	177.40	178.90	+0.85%
27	Short	07/21/2015	178.90	175.60	+1.84%
28	Long	08/07/2015	175.60	174.00	-0.91%
29	Short	08/08/2015	174.00	174.80	-0.46%
30	Long	08/17/2015	174.80	174.00	-0.46%
31	Short	08/19/2015	174.00	164.40	+5.52%
32	Long	09/08/2015	164.40	164.40	0.00%
33	Short	09/18/2015	164.40	163.20	+0.73%
34	Long	10/02/2015	163.20	176.00	+7.84%
35	Short	11/12/2015	176.00	176.50	-0.28%
36	Long	11/18/2015	176.50	176.70	+0.11%
37	Short	12/03/2015	176.70	177.30	-0.34%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
38	Long	12/04/2015	177.30	176.00	-0.73%
39	Short	12/08/2015	176.00	175.60	+0.23%
40	Long	12/16/2015	175.60	175.20	-0.23%
41	Short	12/17/2015	175.20	175.00	+0.11%
42	Long	12/23/2015	175.00	174.00	-0.57%
1	Short	12/31/2015	174.00	162.40	+6.67%
2	Long	01/29/2016	162.40	162.10	-0.18%
3	Short	02/02/2016	162.10	162.60	-0.31%
4	Long	02/03/2016	162.60	162.30	-0.18%
5	Short	02/05/2016	162.30	161.20	+0.68%
6	Long	02/16/2016	161.20	175.00	+8.56%
7	Short	04/07/2016	175.00	176.00	-0.57%
8	Long	04/12/2016	176.00	178.40	+1.36%
9	Short	04/28/2016	178.40	178.00	+0.22%
10	Long	05/10/2016	178.00	177.00	-0.56%
11	Short	05/13/2016	177.00	176.00	+0.56%
12	Long	05/24/2016	176.00	178.00	+1.14%
13	Short	06/13/2016	178.00	178.00	0.00%
14	Long	06/20/2016	178.00	176.30	-0.96%
15	Short	06/24/2016	176.30	175.30	+0.57%
16	Long	06/29/2016	175.30	183.40	+4.62%
17	Short	08/02/2016	183.40	183.80	-0.22%
18	Long	08/05/2016	183.80	184.50	+0.38%
19	Short	08/24/2016	184.50	184.70	-0.11%
20	Long	08/29/2016	184.70	184.00	-0.38%
21	Short	08/31/2016	184.00	184.90	-0.49%
22	Long	09/02/2016	184.90	183.00	-1.03%
23	Short	09/09/2016	183.00	182.40	+0.33%
24	Long	09/21/2016	182.40	181.40	-0.55%
25	Short	09/26/2016	181.40	182.50	-0.61%
26	Long	09/28/2016	182.50	182.00	-0.27%
27	Short	09/29/2016	182.00	182.40	-0.22%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
28	Long	09/30/2016	182.40	182.00	-0.22%
29	Short	10/04/2016	182.00	182.30	-0.16%
30	Long	10/05/2016	182.30	182.00	-0.16%
31	Short	10/07/2016	182.00	183.30	-0.71%
32	Long	10/10/2016	183.30	182.00	-0.71%
33	Short	10/11/2016	182.00	183.00	-0.55%
34	Long	10/19/2016	183.00	181.30	-0.93%
35	Short	10/27/2016	181.30	181.50	-0.11%
36	Long	11/07/2016	181.50	197.50	+8.82%
37	Short	12/30/2016	197.50	197.50	0.00%
1	Short	12/30/2016	197.50	198.80	-0.66%
2	Long	01/04/2017	198.80	198.20	-0.30%
3	Short	01/17/2017	198.20	198.30	-0.05%
4	Long	01/24/2017	198.30	198.70	+0.20%
5	Short	01/31/2017	198.70	199.60	-0.45%
6	Long	02/03/2017	199.60	207.80	+4.11%
7	Short	03/21/2017	207.80	207.00	+0.38%
8	Long	03/30/2017	207.00	206.30	-0.34%
9	Short	04/12/2017	206.30	206.00	+0.15%
10	Long	04/17/2017	206.00	205.50	-0.24%
11	Short	04/18/2017	205.50	205.50	0.00%
12	Long	04/20/2017	205.50	208.40	+1.41%
13	Short	05/17/2017	208.40	208.00	+0.19%
14	Long	05/22/2017	208.00	213.10	+2.45%
15	Short	06/27/2017	213.10	213.60	-0.23%
16	Long	06/28/2017	213.60	213.20	-0.19%
17	Short	06/29/2017	213.20	214.00	-0.38%
18	Long	07/03/2017	214.00	213.40	-0.28%
19	Short	07/06/2017	213.40	214.50	-0.52%
20	Long	07/07/2017	214.50	218.80	+2.00%
21	Short	08/10/2017	218.80	220.00	-0.55%
22	Long	08/14/2017	220.00	219.00	-0.45%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
23	Short	08/17/2017	219.00	218.30	+0.32%
24	Long	08/22/2017	218.30	217.90	-0.18%
25	Short	09/05/2017	217.90	219.20	-0.60%
26	Long	09/11/2017	219.20	232.80	+6.20%
27	Short	11/15/2017	232.80	233.20	-0.17%
28	Long	11/16/2017	233.20	233.00	-0.09%
29	Short	11/17/2017	233.00	233.50	-0.21%
30	Long	11/20/2017	233.50	247.20	+5.87%
1	Long	12/29/2017	247.20	259.40	+4.94%
2	Short	02/02/2018	259.40	249.20	+3.93%
3	Long	02/15/2018	249.20	250.00	+0.32%
4	Short	02/28/2018	250.00	250.10	-0.04%
5	Long	03/09/2018	250.10	249.00	-0.44%
6	Short	03/14/2018	249.00	241.90	+2.85%
7	Long	04/06/2018	241.90	241.10	-0.33%
8	Short	04/09/2018	241.10	241.80	-0.29%
9	Long	04/10/2018	241.80	244.00	+0.91%
10	Short	04/23/2018	244.00	241.70	+0.94%
11	Long	05/04/2018	241.70	245.80	+1.70%
12	Short	05/29/2018	245.80	246.10	-0.12%
13	Long	05/30/2018	246.10	250.00	+1.58%
14	Short	06/18/2018	250.00	244.20	+2.32%
15	Long	07/06/2018	244.20	252.50	+3.40%
16	Short	08/10/2018	252.50	253.50	-0.40%
17	Long	08/16/2018	253.50	260.20	+2.64%
18	Short	09/06/2018	260.20	261.20	-0.38%
19	Long	09/13/2018	261.20	264.70	+1.34%
20	Short	10/04/2018	264.70	252.10	+4.76%
21	Long	11/01/2018	252.10	254.00	+0.75%
22	Short	11/12/2018	254.00	250.40	+1.42%
23	Long	11/28/2018	250.40	250.30	-0.04%
1	Short	12/04/2018	250.30	233.20	+6.83%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
2	Short	01/02/2019	233.20	232.10	+0.47%
3	Long	01/04/2019	232.10	257.10	+10.77%
4	Short	03/06/2019	257.10	256.50	+0.23%
5	Long	03/13/2019	256.50	257.20	+0.27%
6	Short	03/20/2019	257.20	257.90	-0.27%
7	Long	03/21/2019	257.90	256.90	-0.39%
8	Short	03/22/2019	256.90	256.90	0.00%
9	Long	03/28/2019	256.90	264.20	+2.84%
10	Short	05/01/2019	264.20	264.70	-0.19%
11	Long	05/03/2019	264.70	264.00	-0.26%
12	Short	05/06/2019	264.00	254.20	+3.71%
13	Long	06/05/2019	254.20	270.30	+6.33%
14	Short	07/31/2019	270.30	261.40	+3.29%
15	Long	08/19/2019	261.40	260.10	-0.50%
16	Short	08/23/2019	260.10	260.20	-0.04%
17	Long	08/28/2019	260.20	268.50	+3.19%
18	Short	09/24/2019	268.50	267.60	+0.34%
19	Long	10/11/2019	267.60	275.40	+2.91%
20	Short	12/03/2019	275.40	279.70	-1.56%
1	Long	12/06/2019	279.70	285.10	+1.93%
2	Long	01/01/2020	285.10	289.40	+1.51%
3	Short	01/24/2020	289.40	288.10	+0.45%
4	Long	02/04/2020	288.10	290.40	+0.80%
5	Short	02/21/2020	290.40	219.10	+24.55%
6	Long	03/26/2020	219.10	213.70	-2.46%
7	Short	04/01/2020	213.70	219.60	-2.76%
8	Long	04/06/2020	219.60	236.10	+7.51%
9	Short	05/13/2020	236.10	244.10	-3.39%
10	Long	05/18/2020	244.10	260.00	+6.51%
11	Short	06/11/2020	260.00	265.20	-2.00%
12	Long	06/16/2020	265.20	257.00	-3.09%
13	Short	06/24/2020	257.00	257.70	-0.27%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
14	Long	07/01/2020	257.70	282.30	+9.55%
15	Short	09/03/2020	282.30	282.30	0.00%
16	Long	09/16/2020	282.30	278.50	-1.35%
17	Short	09/17/2020	278.50	276.50	+0.72%
18	Long	09/30/2020	276.50	278.70	+0.80%
19	Short	10/26/2020	278.70	276.80	+0.68%
1	Long	11/04/2020	276.80	301.30	+8.85%
2	Short	01/04/2021	301.30	305.30	-1.33%
3	Long	01/06/2021	305.30	305.20	-0.03%
4	Short	01/27/2021	305.20	307.20	-0.66%
5	Long	02/02/2021	307.20	312.90	+1.86%
6	Short	02/23/2021	312.90	314.40	-0.48%
7	Long	02/24/2021	314.40	316.30	+0.60%
8	Short	02/25/2021	316.30	315.40	+0.28%
9	Long	03/01/2021	315.40	314.80	-0.19%
10	Short	03/03/2021	314.80	319.30	-1.43%
11	Long	03/09/2021	319.30	325.50	+1.94%
12	Short	03/24/2021	325.50	328.10	-0.80%
13	Long	03/26/2021	328.10	343.10	+4.57%
14	Short	05/11/2021	343.10	344.50	-0.41%
15	Long	05/14/2021	344.50	339.20	-1.54%
16	Short	05/19/2021	339.20	340.60	-0.41%
17	Long	05/20/2021	340.60	334.50	-1.79%
18	Short	06/18/2021	334.50	339.80	-1.58%
19	Long	06/22/2021	339.80	340.20	+0.12%
20	Short	07/19/2021	340.20	347.10	-2.03%
21	Long	07/21/2021	347.10	349.30	+0.63%
22	Short	08/19/2021	349.30	351.10	-0.52%
23	Long	08/20/2021	351.10	349.20	-0.54%
24	Short	09/10/2021	349.20	347.00	+0.63%
25	Long	09/23/2021	347.00	347.20	+0.06%
26	Short	09/28/2021	347.20	347.20	0.00%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
27	Long	10/14/2021	347.20	350.30	+0.89%
28	Short	11/26/2021	350.30	356.10	-1.66%
29	Long	12/07/2021	356.10	355.10	-0.28%
30	Short	12/17/2021	355.10	355.70	-0.17%
1	Long	12/22/2021	355.70	364.30	+2.42%
2	Short	01/05/2022	364.30	352.10	+3.35%
3	Long	02/01/2022	352.10	350.10	-0.57%
4	Short	02/11/2022	350.10	337.80	+3.51%
5	Long	03/16/2022	337.80	345.30	+2.22%
6	Short	04/06/2022	345.30	326.10	+5.56%
7	Long	05/26/2022	326.10	325.50	-0.18%
8	Short	06/09/2022	325.50	310.80	+4.52%
9	Long	06/24/2022	310.80	302.30	-2.73%
10	Short	06/30/2022	302.30	311.21	-2.95%
11	Long	07/07/2022	311.21	308.60	-0.84%
12	Short	07/12/2022	308.60	312.20	-1.17%
13	Long	07/15/2022	312.20	333.00	+6.66%
14	Short	08/22/2022	333.00	321.00	+3.60%
15	Long	09/09/2022	321.00	315.60	-1.68%
16	Short	09/13/2022	315.60	301.00	+4.63%
17	Long	10/04/2022	301.00	294.84	-2.05%
18	Short	10/07/2022	294.84	304.25	-3.19%
19	Long	10/18/2022	304.25	319.53	+5.02%
20	Short	11/03/2022	319.53	335.16	-4.89%
21	Long	11/10/2022	335.16	338.54	+1.01%
22	Short	12/06/2022	338.54	341.64	-0.92%
23	Long	12/13/2022	341.64	336.63	-1.47%
1	Short	12/15/2022	336.63	334.80	+0.54%
2	Long	01/06/2023	334.80	331.59	-0.96%
3	Short	01/19/2023	331.59	335.42	-1.16%
4	Long	01/23/2023	335.42	337.85	+0.72%
5	Short	02/17/2023	337.85	331.43	+1.90%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
6	Long	03/03/2023	331.43	327.24	-1.26%
7	Short	03/08/2023	327.24	324.10	+0.96%
8	Long	03/21/2023	324.10	337.25	+4.06%
9	Short	04/25/2023	337.25	337.42	-0.05%
10	Long	04/27/2023	337.42	334.96	-0.73%
11	Short	05/03/2023	334.96	335.54	-0.17%
12	Long	05/05/2023	335.54	333.15	-0.71%
13	Short	05/10/2023	333.15	334.21	-0.32%
14	Long	05/18/2023	334.21	328.53	-1.70%
15	Short	05/24/2023	328.53	329.10	-0.17%
16	Long	05/26/2023	329.10	353.73	+7.48%
17	Short	08/02/2023	353.73	346.10	+2.16%
18	Long	08/29/2023	346.10	347.33	+0.36%
19	Short	09/15/2023	347.33	334.66	+3.65%
20	Long	10/09/2023	334.66	338.15	+1.04%
21	Short	10/18/2023	338.15	334.98	+0.94%
1	Long	11/02/2023	334.98	375.30	+12.04%
2	Short	01/03/2024	375.30	375.41	-0.03%
3	Long	01/08/2024	375.41	391.16	+4.20%
4	Short	04/04/2024	391.16	383.01	+2.08%
5	Long	04/29/2024	383.01	381.23	-0.46%
6	Short	05/01/2024	381.23	385.69	-1.17%
7	Long	05/03/2024	385.69	381.13	-1.18%
8	Short	05/30/2024	381.13	387.89	-1.77%
9	Long	06/05/2024	387.89	407.76	+5.12%
10	Short	07/18/2024	407.76	396.54	+2.75%
11	Long	08/13/2024	396.54	410.51	+3.52%
12	Short	09/03/2024	410.51	409.83	+0.17%
13	Long	09/12/2024	409.83	425.69	+3.87%
14	Short	10/23/2024	425.69	436.12	-2.45%
15	Long	11/06/2024	436.12	434.99	-0.26%
16	Short	11/15/2024	434.99	438.33	-0.77%



#	Type	Entry Date	Entry Price	Exit Price	Gain/Loss %
17	Long	11/21/2024	438.33	432.12	-1.42%
1	Short	12/18/2024	432.12	431.49	+0.15%
2	Long	01/15/2025	431.49	443.84	+2.86%
3	Short	02/03/2025	443.84	446.61	-0.62%
4	Long	02/06/2025	446.61	437.64	-2.01%
5	Short	02/21/2025	437.64	424.23	+3.06%
6	Long	03/24/2025	424.23	419.54	-1.11%
7	Short	03/28/2025	419.54	395.23	+5.79%
8	Long	04/23/2025	395.23	436.40	+10.42%
9	Short	08/01/2025	436.40	441.38	-1.14%
10	Long	08/08/2025	441.38	461.52	+4.56%
11	Short	10/10/2025	461.52	467.19	-1.23%
12	Long	10/20/2025	467.19	470.42	+0.69%
13	Short	11/06/2025	470.42	473.11	-0.57%
14	Long	11/10/2025	473.11	477.24	+0.87%
15	Short	11/13/2025	477.24	470.12	+1.49%
16	Long	11/25/2025	470.12	482.51	+2.64%
17	Short	12/16/2025	482.51	482.61	-0.02%
18	Long	12/22/2025	482.61	493.40*	+2.24%

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.