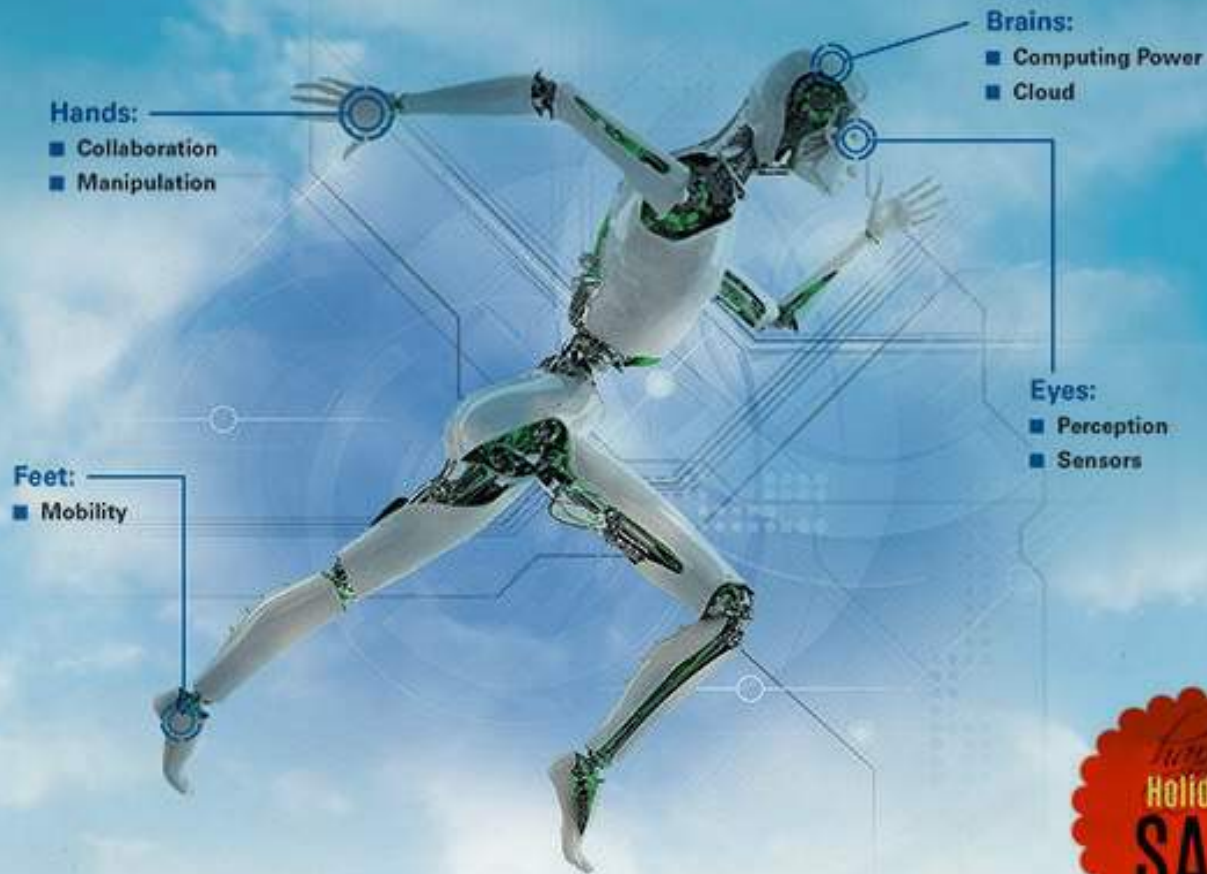


Chart Patterns & Algo. Trader

A Weekly Publication

Trading Parabolic Arc Patterns



ROBOTICS STOCKS

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HAPPY
Holidays

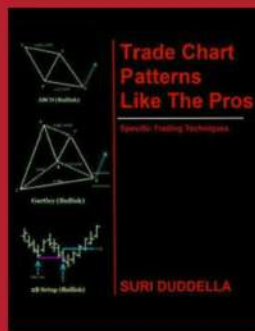


Happy Holidays!

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Market Quotes

“My definition of a mistake is when you don’t follow your rules. And if you don’t have rules, then everything you do is a mistake. And self-sabotage occurs when you keep repeating the same mistakes over and over and over again.”

- Van K. Tharp

“The essential element is having a core philosophy. Without a core philosophy you're not going to be able to hold on to your positions or stick with your trading plan during really difficult times.”

- Jack Schwager

“Success is getting what you want. Happiness is wanting what you get.”

- Dale Carnegie

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The image features a background of vertical wood grain patterns in various shades of brown and grey. A solid black horizontal bar is centered across the middle of the image, containing the text "Major Markets" in a bold, white, sans-serif font.

Major Markets

Major Markets

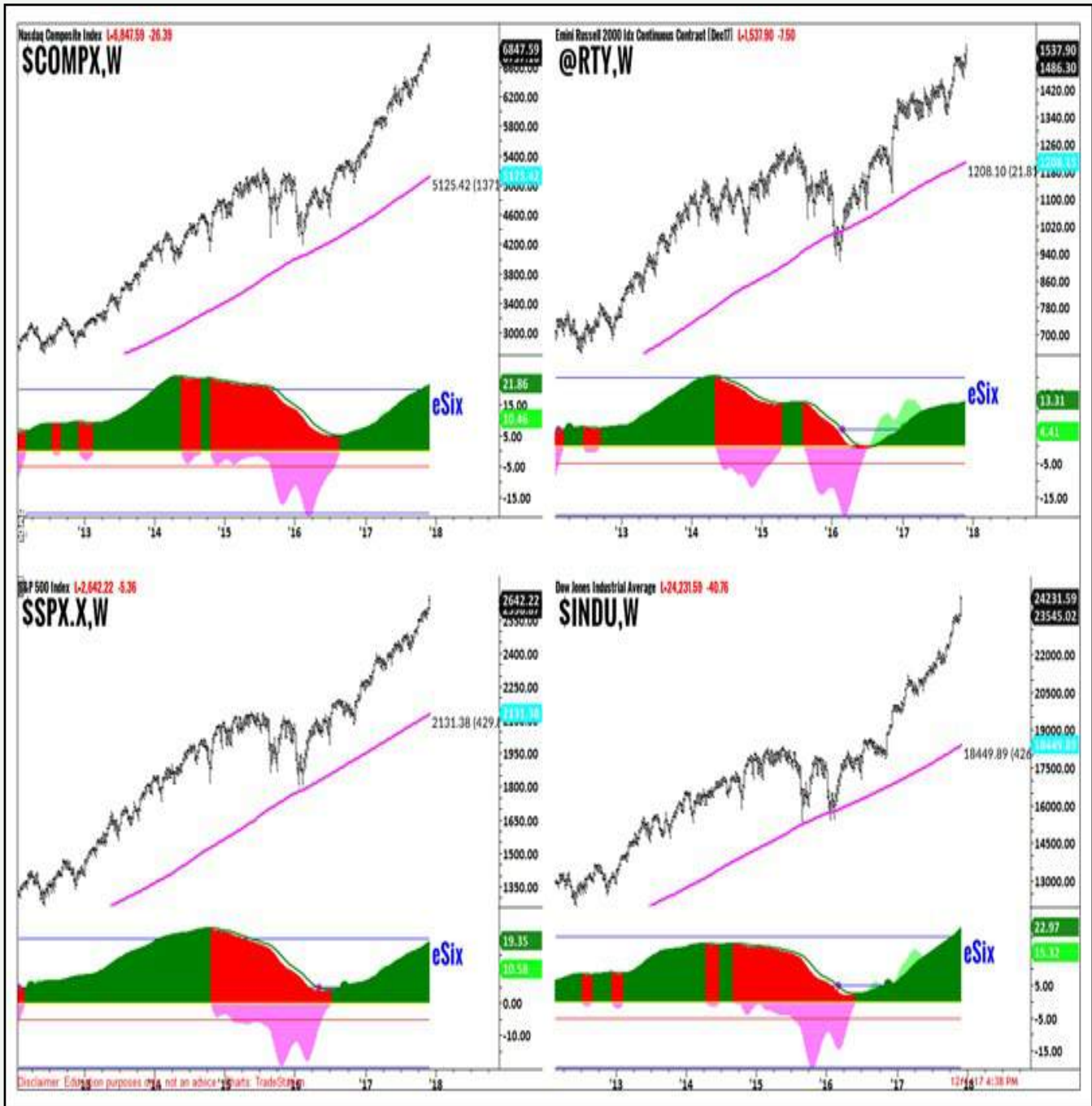
	Symbol	Last	Net Chg	suri.Chg%			
				1D%	W%	M%	YTD%
1	\$COMPX	6,847.59	-26.39	(0.39)	(0.60)	1.78	27.20
2	\$INDU	24,231.59	-40.76	(0.17)	2.86	3.65	22.61
3	\$SPX.X	2,642.22	-5.36	(0.20)	1.53	2.60	18.02
4	@GC(D)	1,283.3	6.6	(0.74)	(1.17)	0.1	8.97
5	@RTY	1,538.10	-7.30	0.27	1.77	3.50	14.03
6	\$TRAN	10,186.63	-88.14	(0.87)	5.89	4.39	12.64
7	@US(D)	153 7/32	1 16/32	(0.31)	(0.94)	9/32	4.05
8	@SI(D)	16.465	-0.009	(0.53)	(3.61)	-2.785	0.60
9	@TY(D)	124'13.0	0'11.5	(0.34)	(0.55)	-0'19.0	0.92
10	@QM(D)	58.350	0.950	0.17	(2.63)	5.612	(0.56)

Disclaimer: Education purposes only, not an advice. Charts: TradeStation. 12/11/17 4:36 PM

Major Indexes %Chg YTD

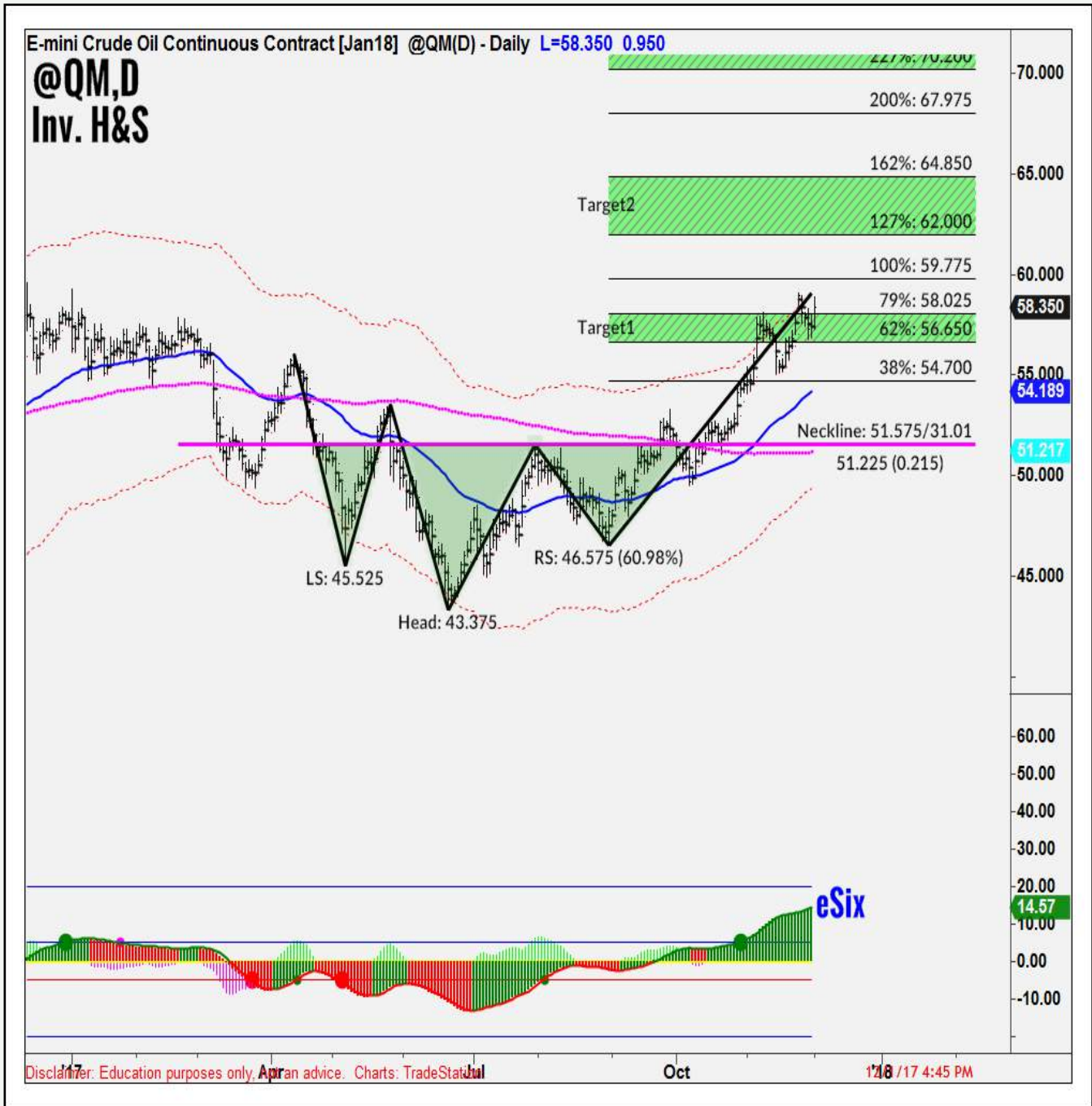


Major Market Indexes Trends



All four major market indexes (Weekly) charts are showing strong eSix trends.

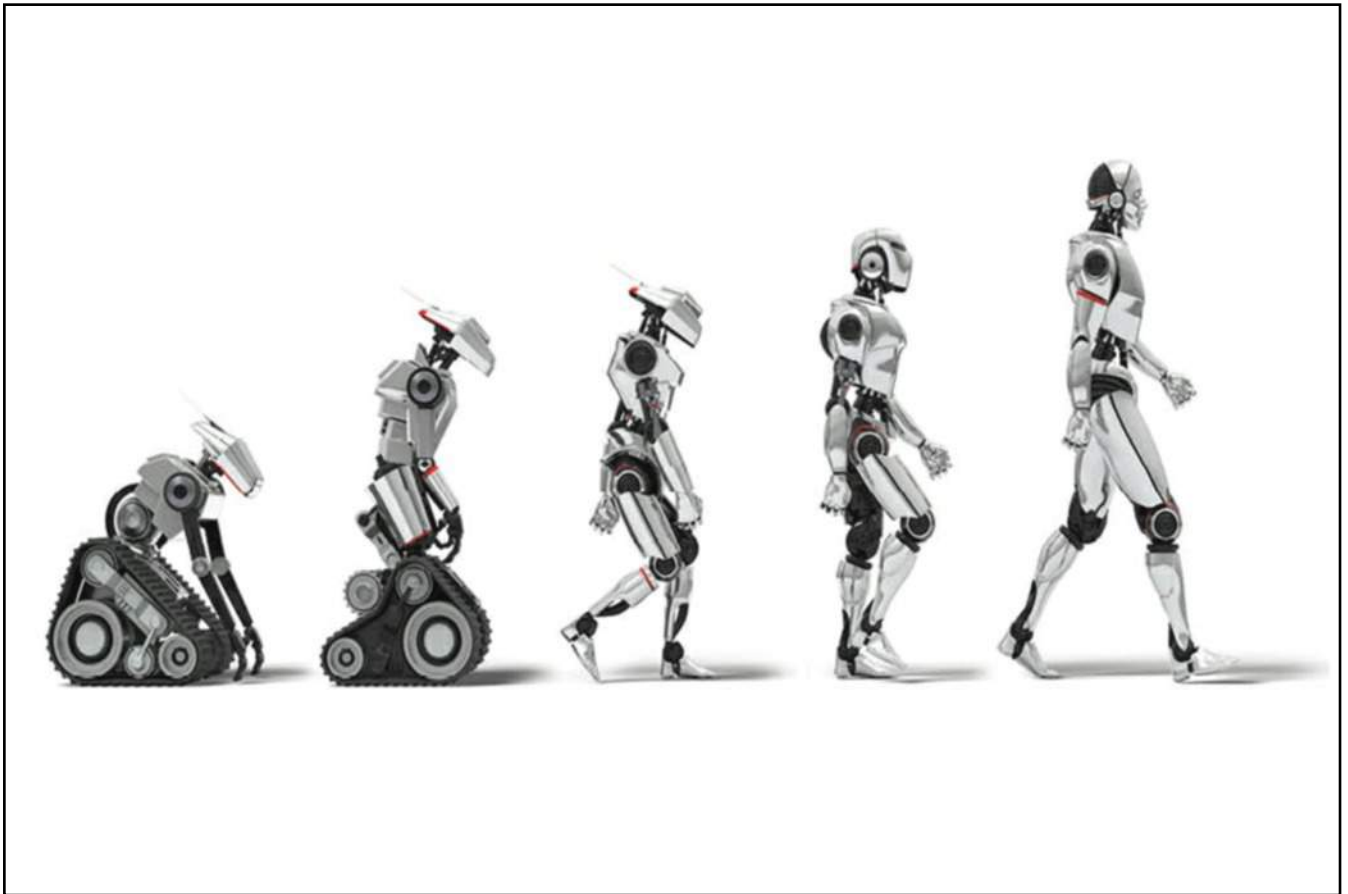
@QM Inv. H&S Pattern



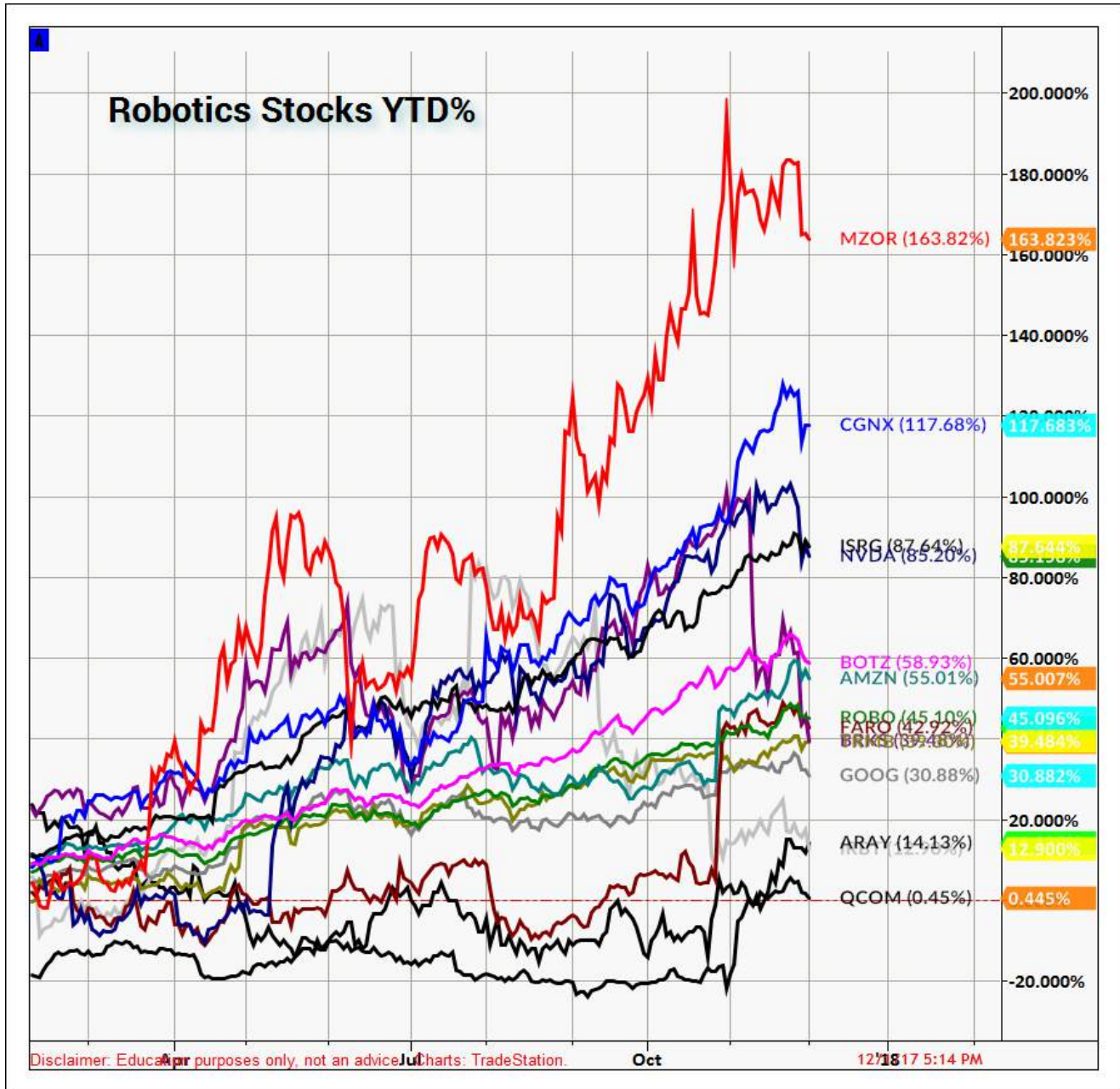
Reviewed in CPAT 09/25/17

\$@QM (D) is trading in Inv. H&S Pattern. Long entry above 51.575, Stop below 49.075 (2.500), Target1 Zone: 56.64 to 58.02, Target2 Zone: 62. to 64.85

Robotics Stocks



Robotics Stocks (YTD%)



Robotics Stocks

ROBO Global Robotics & Automation ETF

BOTZ GlobalX Robotics & AI ETF

S...	PlotSymbol		Last	suri.Chg%			
	Sym	Name		1D%	W%	M%	YTD%
1	MZOR	Mazor Robotics Ltd	57.73	(0.55)	(6.89)	10.42	163.82
2	CGNX	Cognex Corp	138.49	(0.06)	(4.08)	12.46	117.68
3	ISRG	Intuitive Surgical	396.00	(0.79)	(0.37)	5.67	87.64
4	NVDA	Nvidia Corp	197.68	(1.53)	(8.89)	-4.41	85.20
5	BOTZ	GblX Robotics & AI ETF	23.84	(0.29)	(4.22)	1.02	58.93
6	AMZN	Amazon.com Inc	162.35	(1.24)	(1.99)	5.16	55.01
7	ROBO	BO Global Robotics & Automat	41.57	(0.29)	(2.39)	2.21	45.10
8	FARO	Faro Technologies	51.45	(1.65)	(3.65)	-0.68	42.92
9	ROK	Rockwell Automation	190.46	(1.36)	(0.52)	-5.14	41.73
10	BRKS	Brooks Automation	23.81	(4.54)	(16.28)	30.76	39.48
11	TRMB	Trimble Navigation Ltd	42.00	0.02	(0.26)	2.74	39.30
12	JBT	John Bean Technologies	117.95	(1.48)	3.42	10.38	37.29
13	GOOGL	Alphabet Inc Cl A	25.07	(1.08)	(2.98)	-0.77	29.35
14	NOC	Northrop Grumman	300.00	(2.59)	(1.02)	1.39	28.83
15	ABB	ABB Ltd	25.66	(0.35)	0.08	-1.84	21.74
16	ARRAY	Accuray Inc	5.25	1.90	(0.94)	10.53	14.13
17	IRBT	iRobot Corporation	65.99	(3.99)	(3.48)	-1.79	12.90
18	QCOM	Qualcomm Inc	65.49	(1.30)	(4.96)	28.39	0.44
19	OII	Oceaneering Intl	20.00	2.35	5.32	-1.04	(29.07)
20	Disclaimer: Education purposes only, not an advice. Charts by 51508						

ARRAY Inv. HS Pattern



\$ARRAY (D) Inv. HS Pattern (F). Long entry above 4.68, Stop below 4.29 (0.39), Target1 Zone: 5.3 to 5.5, Target2 Zone: 6.1 to 6.4

BRKS Bear Flag Pattern



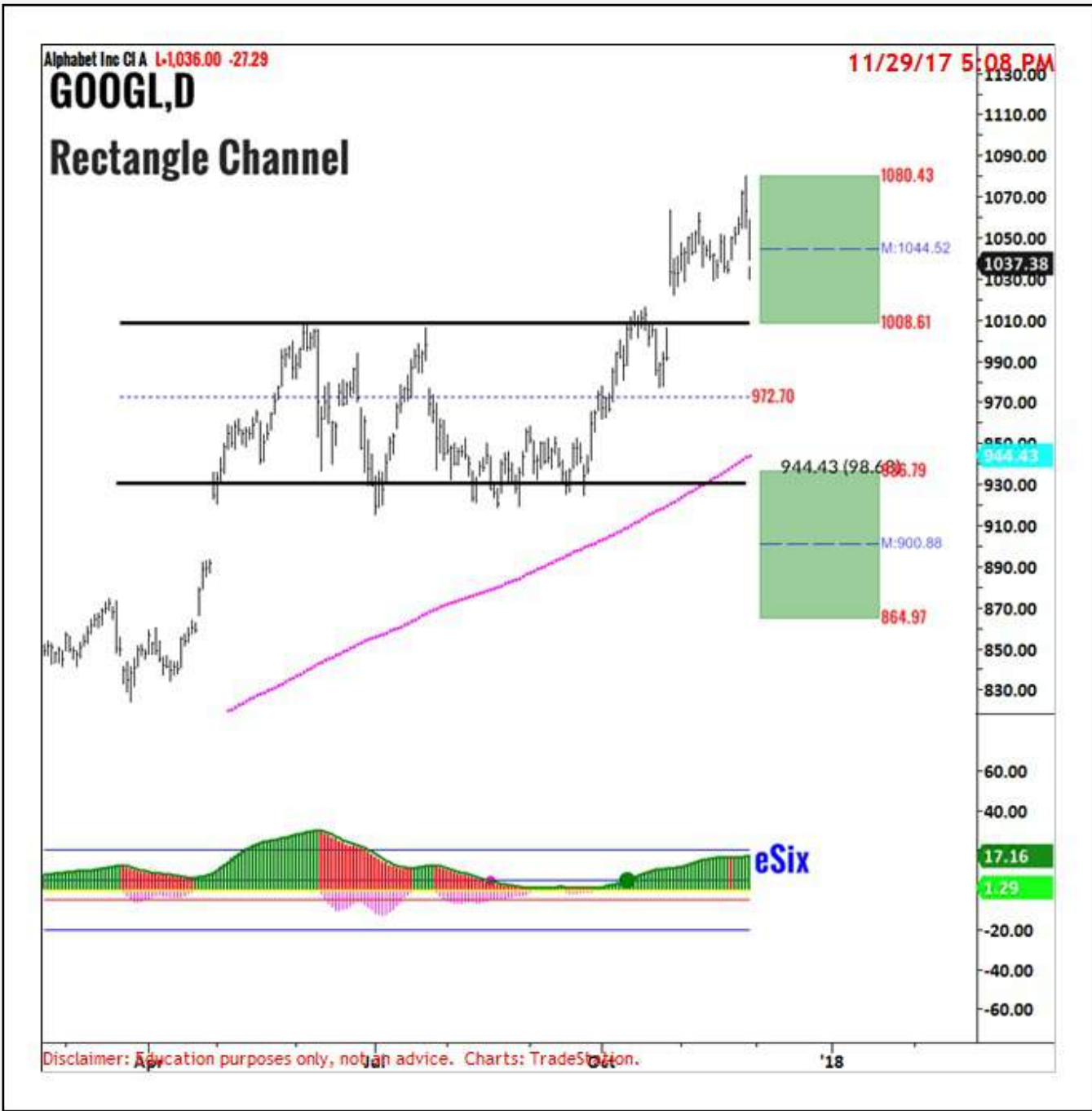
BRKS (Daily) is trading in Bear Flag pattern. Short entry is below \$25.36, Targets: \$23-24, \$16.89 to \$19.46.

CGNX Parabolic Arc Pattern



\$CGNX (W) is trading in Parabolic Arc from 01/15/2016 (low: 28.01) to 11/24/2017 (high: 145.98). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

GOOG Rectangle Channel



Reviewed in CPAT 10/16/17

GOOG (Daily) is trading in Rectangle Channel pattern. Pattern upper breakout level is above \$1008.61. Targets: \$1044-1080.

ISRG Parabolic Arc Pattern



\$ISRG (W) is trading in Parabolic Arc from 05/09/2014 (low: 115.49) to 11/24/2017 (high: 400.00). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

Chart Patterns

Stocks/Options/Indexes

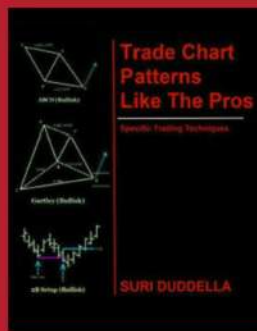


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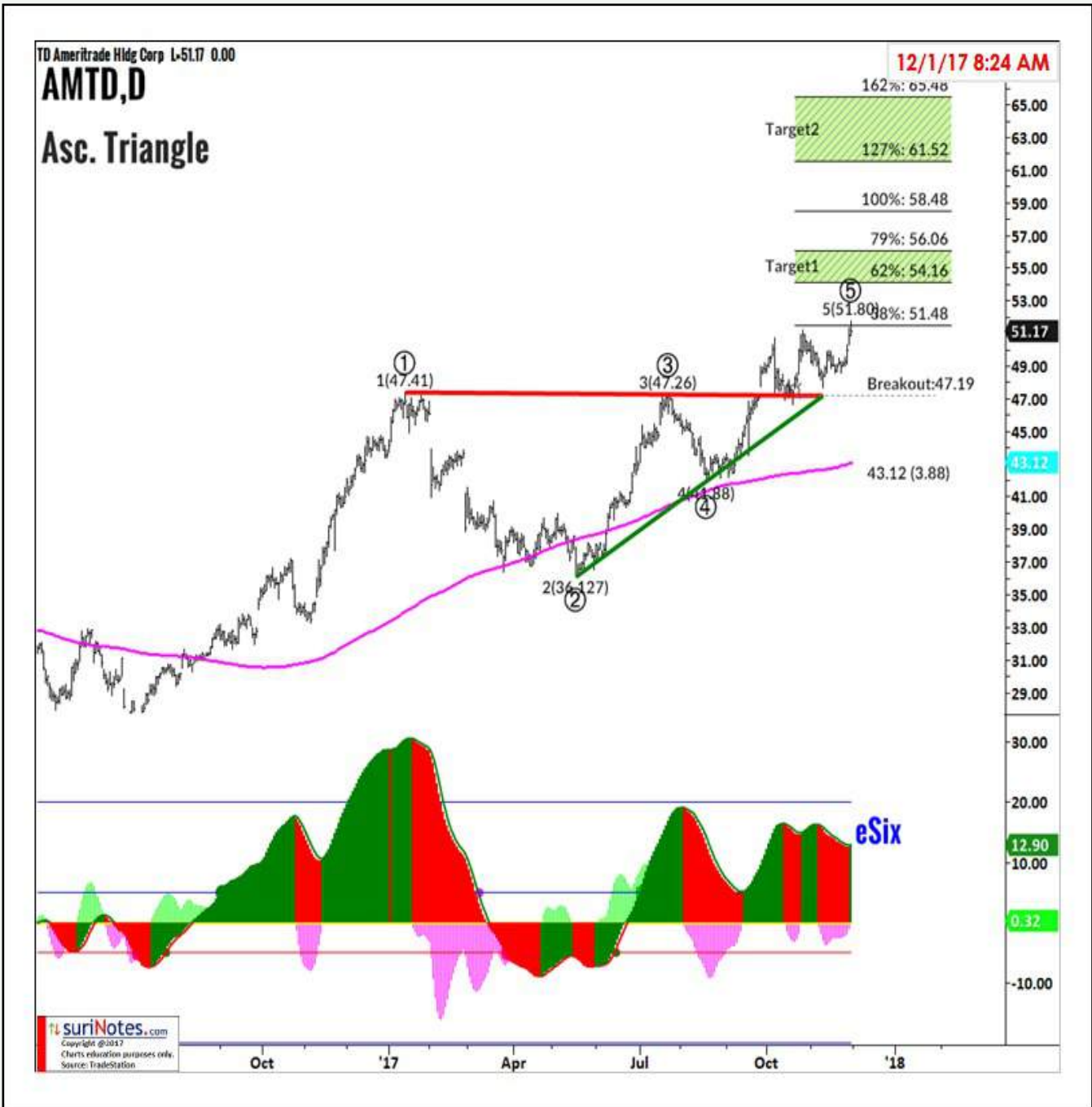
Patterns Gallery

Updated: 12/01/17

Pattern Name	Symbols
ABC Bullish	AAL,LUV,COST,TSCO,SPLK,GLD,IBM,FDX,AMGN
ABC Bearish	ORCL,PCLN,EXPE,CTRP,AMD
AB=CD	AAPL,ADSK,FB,EBAY,AMGN,CELG
Gartleys (all X5)	LULU,GD,STX,TSLA,PG,KLAC
Head and Shoulders	TSLA,PCLN,PZZA,CTRP,EA
Inv. Head and Shoulders	OIL,AKAM,GS,GWPH
Cup and Handles	SPLK,CVX,UPS,CSCO,NFLX,NKE,GS
Parabolic Arcs	NVDA,ULTA,AVGO,ADBE,SQ,AMZN
Channels	LULU,GOOG,MELI,LOGM
Triangles	GOOG,CSCO,GS,AMTD,CSIQ,AAL,CRAY
Double Top and Bottom	MRK,CSCO,PG,AMD,AAL,CREE
Dragons	DVN,TTM,C,CVX,GS,VRSN,IBM

Disclaimer: Educational Purposes Only. Not an advice.

AMTD Asc. Triangle Pattern



AMTD (Daily) is trading in Ascending Triangle pattern. AMTD is also trading in Cup & Handle pattern. Pattern breakout is above \$47.25, Targets: \$51, \$54-56. Stop below \$45.

ADSK AB=CD Pattern



ADSK (D) is trading in AB=CD Pattern. After its earnings, ADSK has dropped over \$20 on 11/29. AB=CD pattern targets: \$106-111, 99, \$79-90.

TSCO ABC Bullish Pattern



Reviewed in CPAT 11/20/17

\$TSCO (D) ABC Bullish Pattern Long Entry above 56.74, Stop below 54.75 (-1.99), Target1 Zone: 61.9 to 63.9, Target2 Zone: 69.5 to 73.6

JD Head and Shoulders Pattern



Reviewed in CPAT 10/23/17

\$JD (D) is trading in HS Pattern. Short entry below 39.33, Stop above 42.63 (-3.30), Target1 Zone: 33.4 to 31.7, Target2 Zone: 27.1 to 23.7

AMGN Wedge Pattern



AMGN (W) is trading in rising Wedge pattern.

CRAY Symmetric Triangle Pattern



CRAY (Daily) is trading in Symmetric Triangle pattern. Pattern breakout is above \$20.50. Stop below \$19.

MCD ABC Bullish Pattern



\$MCD (W) ABC Bullish Pattern Long Entry above 114.84, Stop below 110.32 (-4.52), Target1 Zone: 137.8 to 145.3, Target2 Zone: 166.8 to 182.4

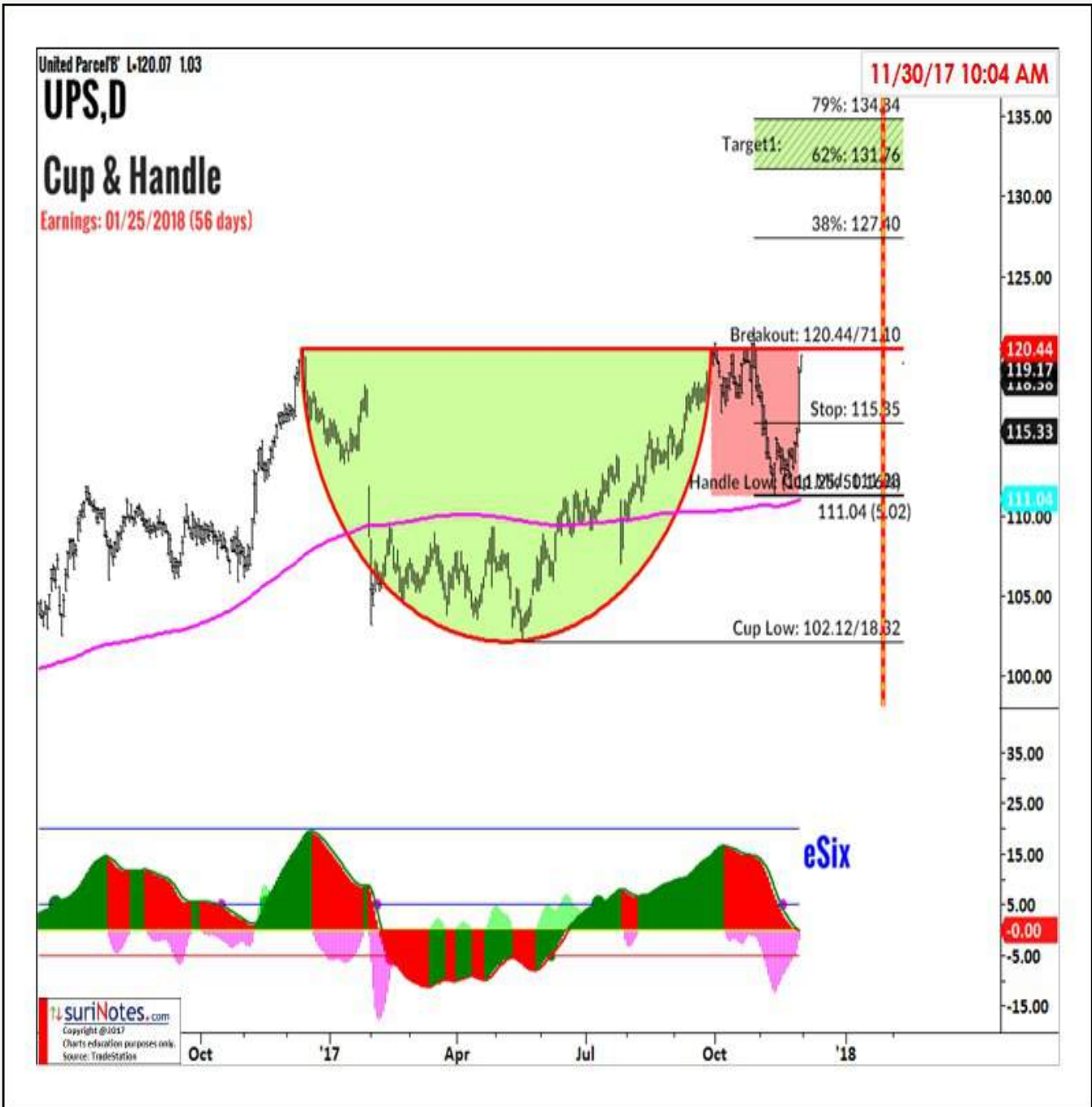
COST ABC Bullish Pattern



Reviewed in CPAT 11/20/17

\$COST (D) is trading in Cup & Handle Pattern. Entry above breakout level: 182.71, Handle Low: 167.00, 48.03% below breakout level. T1: 202.9 to 208.4 T2: 224.3 to 235.7

UPS Cup & Handle Pattern



Reviewed in CPAT 10/09/17

\$UPS (D) is trading in Cup & Handle Pattern. Entry above breakout level: 120.44, Handle Low: 111.25, 50.16% below breakout level. T1: 131.8 to 134.8 T2: 143.7 to 150.1

LUV ABC Bullish Pattern



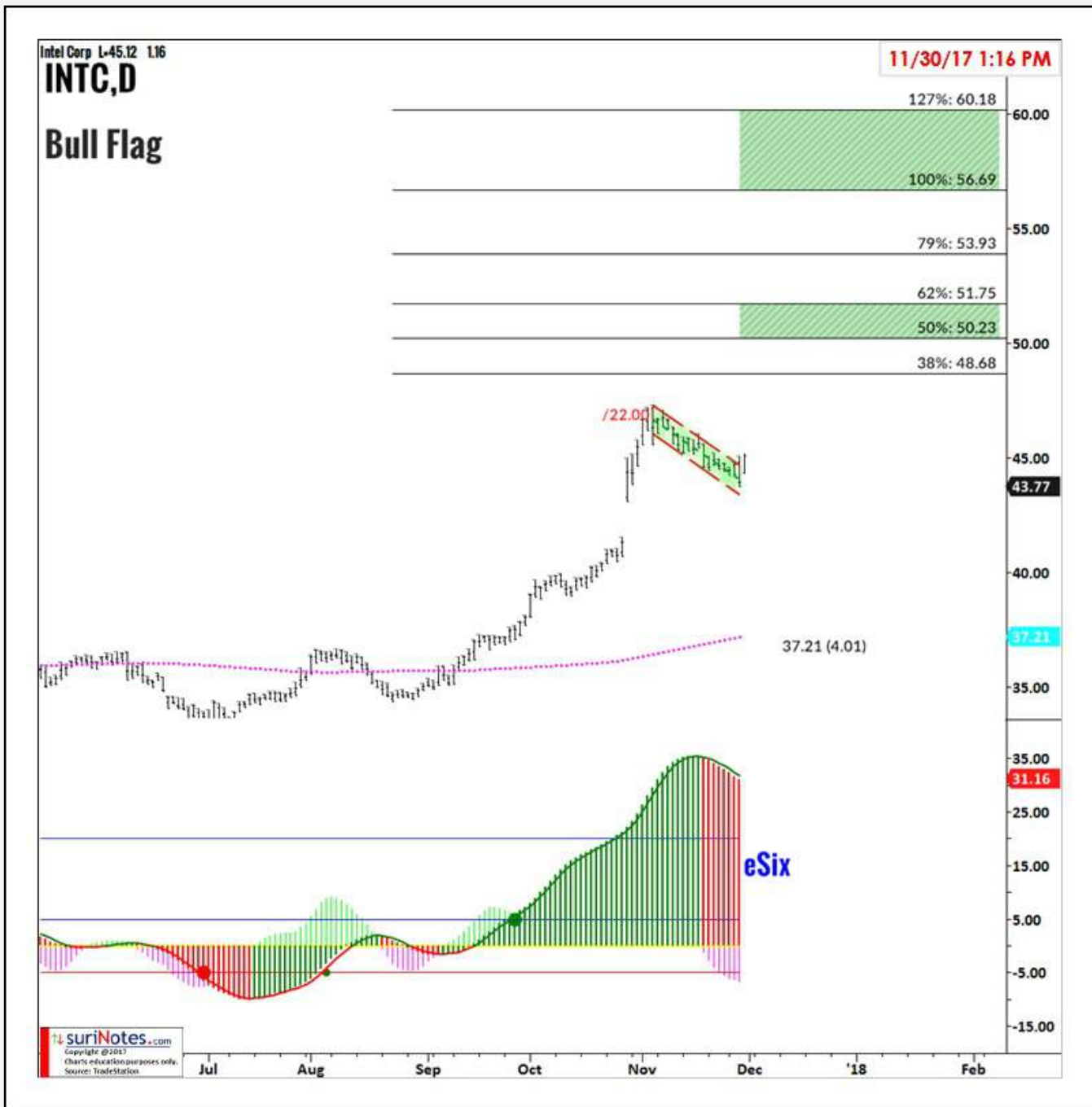
\$LUV (D) ABC Bullish Pattern Long Entry above 53.75, Stop below 52.77 (-0.98), Target1 Zone: 59.0 to 60.7, Target2 Zone: 65.6 to 69.2

FDX ABC Bullish Pattern



\$FDX (D) ABC Bullish Pattern Long Entry above 218.72, Stop below 214.16 (-4.56), Target1 Zone: 231.6 to 236.4, Target2 Zone: 250.0 to 259.9

INTC Bull Flag Pattern



INTC (Daily) is trading in Bull Flag pattern. INTC's ABC Bullish pattern was first reviewed in 9/18/2017 and Inv. HS pattern was first reviewed in 9/25/17. Current bull flag with eSIX trend may confirm its breakout. Upper Targets: \$48, \$50-51.

GS Inv. HS Pattern



Reviewed in CPAT 10/09/17

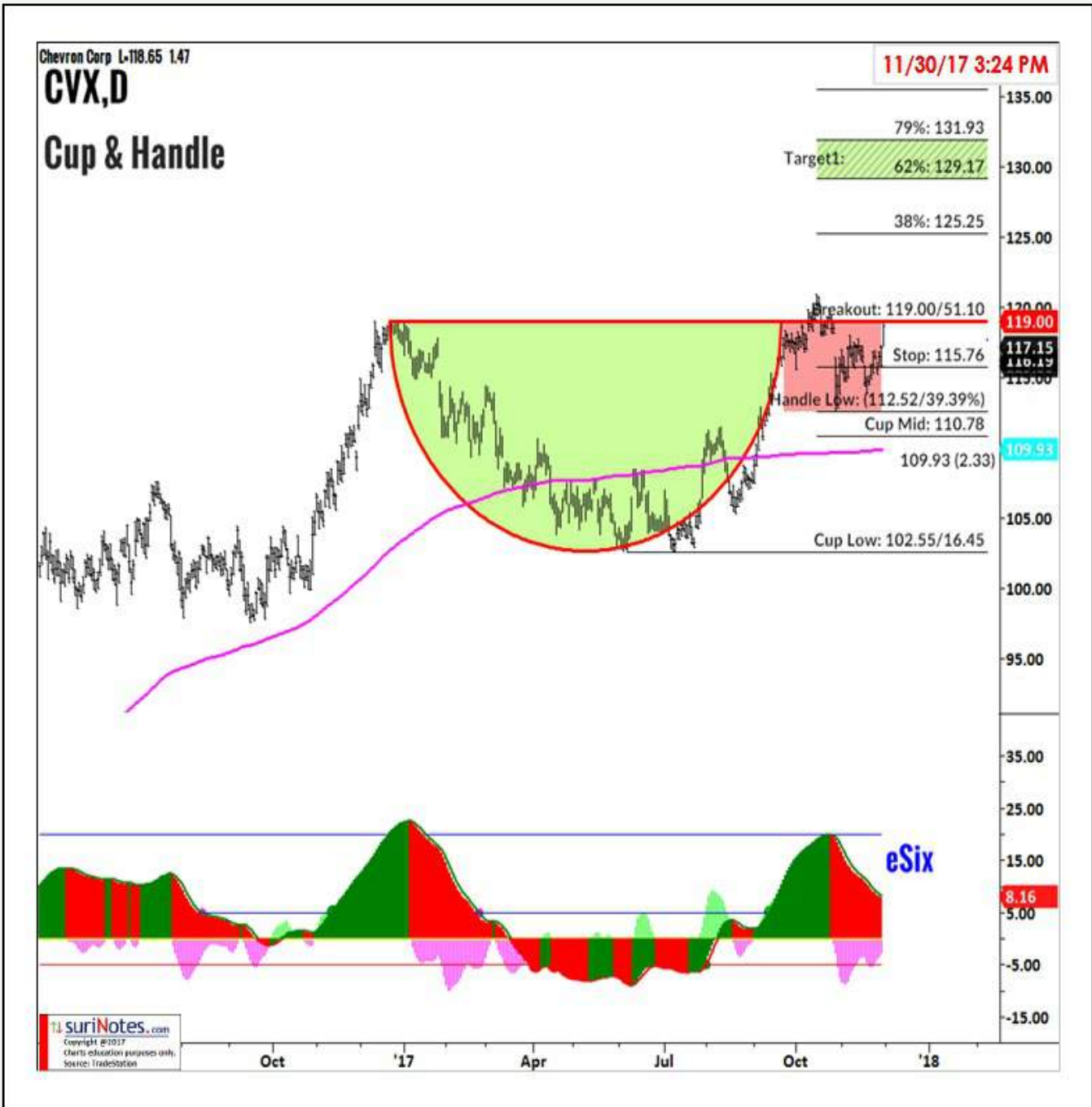
GS (D) is trading in Inv. H&S Pattern. Long entry above 229.36, Stop below 222.00 (7.36), Target1 Zone: 241.6 to 244.9, Target2 Zone: 254.4 to 261.3

XRT Inv. H&S Pattern



\$XRT (D) is trading in Inv. H&S Pattern (F). Long entry above 41.73, Stop below 40.21 (1.52), Target1 Zone: 44.2 to 44.9, Target2 Zone: 46.8 to 48.2

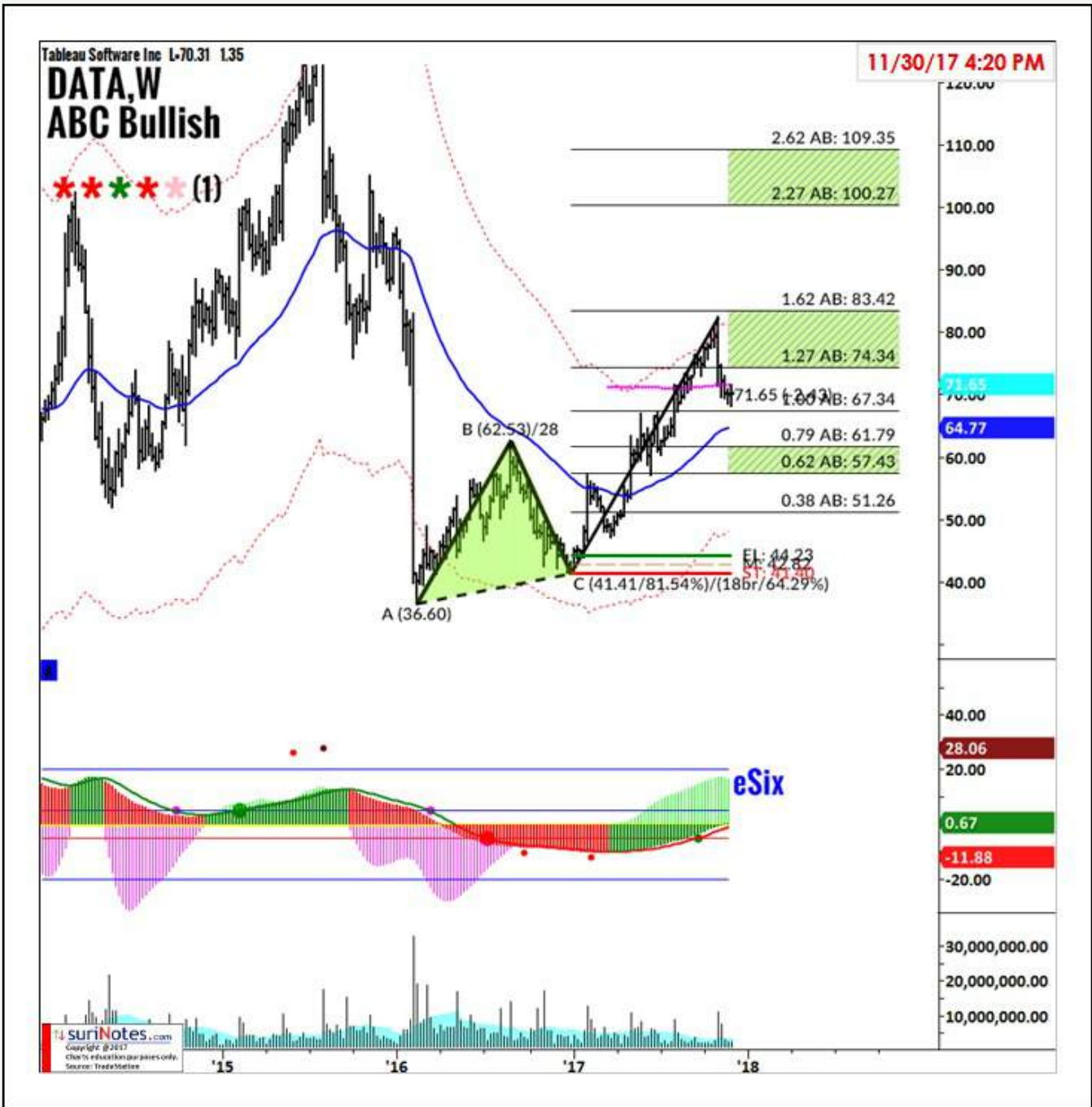
CVX Cup & Handle Pattern



Reviewed in CPAT 10/23/17

\$CVX (D) is trading in Cup & Handle Pattern. Entry above breakout level: 119.00, Handle Low: 112.52, 39.39% below breakout level. T1: 129.2 to 131.9 T2: 139.9 to 145.6

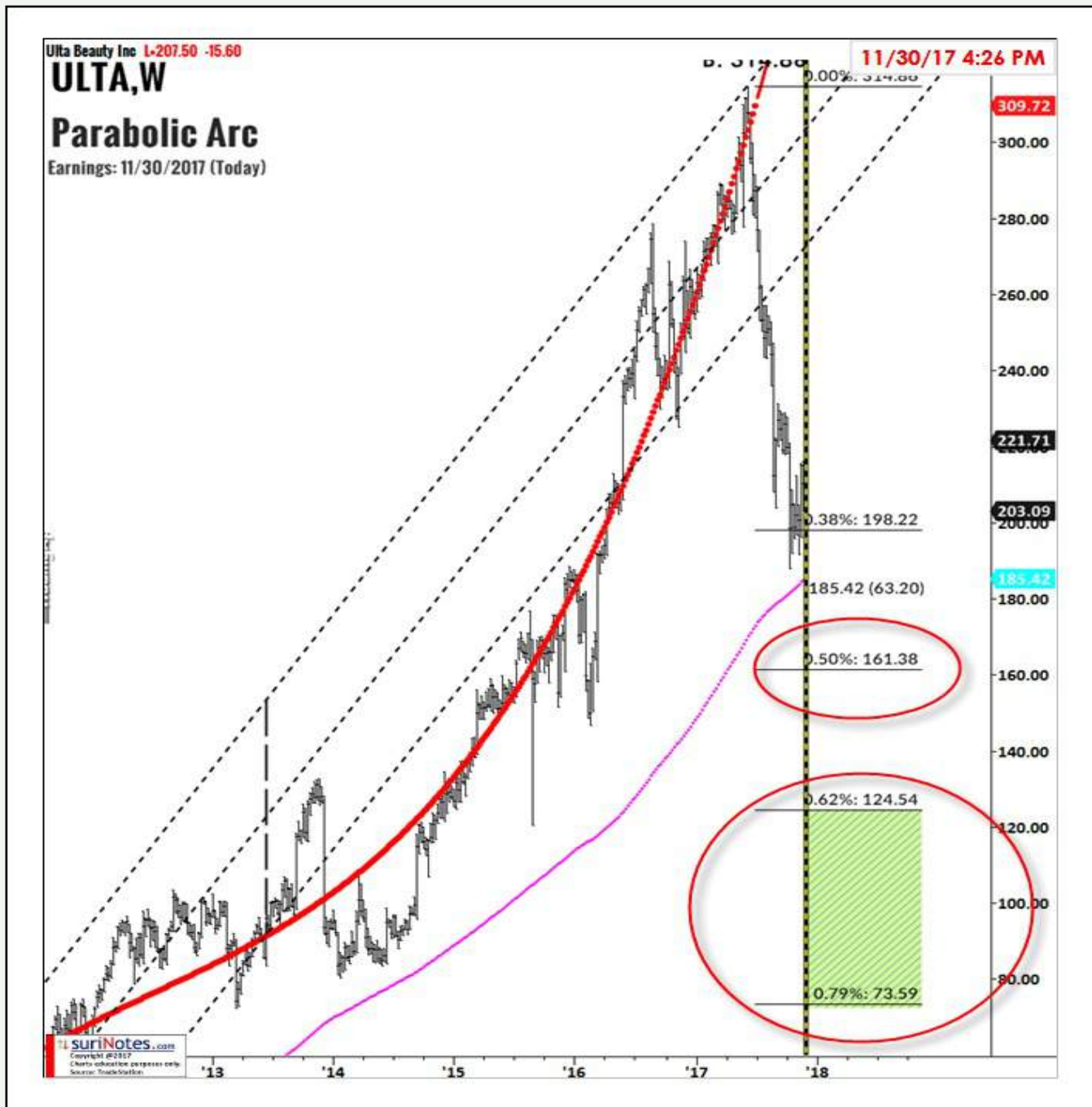
DATA ABC Bullish Pattern



Reviewed in CPAT 09/18/17

\$DATA (W) ABC Bullish Pattern Long Entry above 44.23, Stop below 41.40 (-2.83), Target1 Zone: 57.4 to 61.8, Target2 Zone: 74.3 to 83.4

ULTA Parabolic Arc Pattern



Reviewed in CPAT 09/18/17

\$ULTA (W) is trading in Parabolic Arc from 07/31/2009 (low: 7.90) to 06/09/2017 (high: 314.86). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

NTNX ABC Bullish Pattern



Reviewed in CPAT 10/23/17

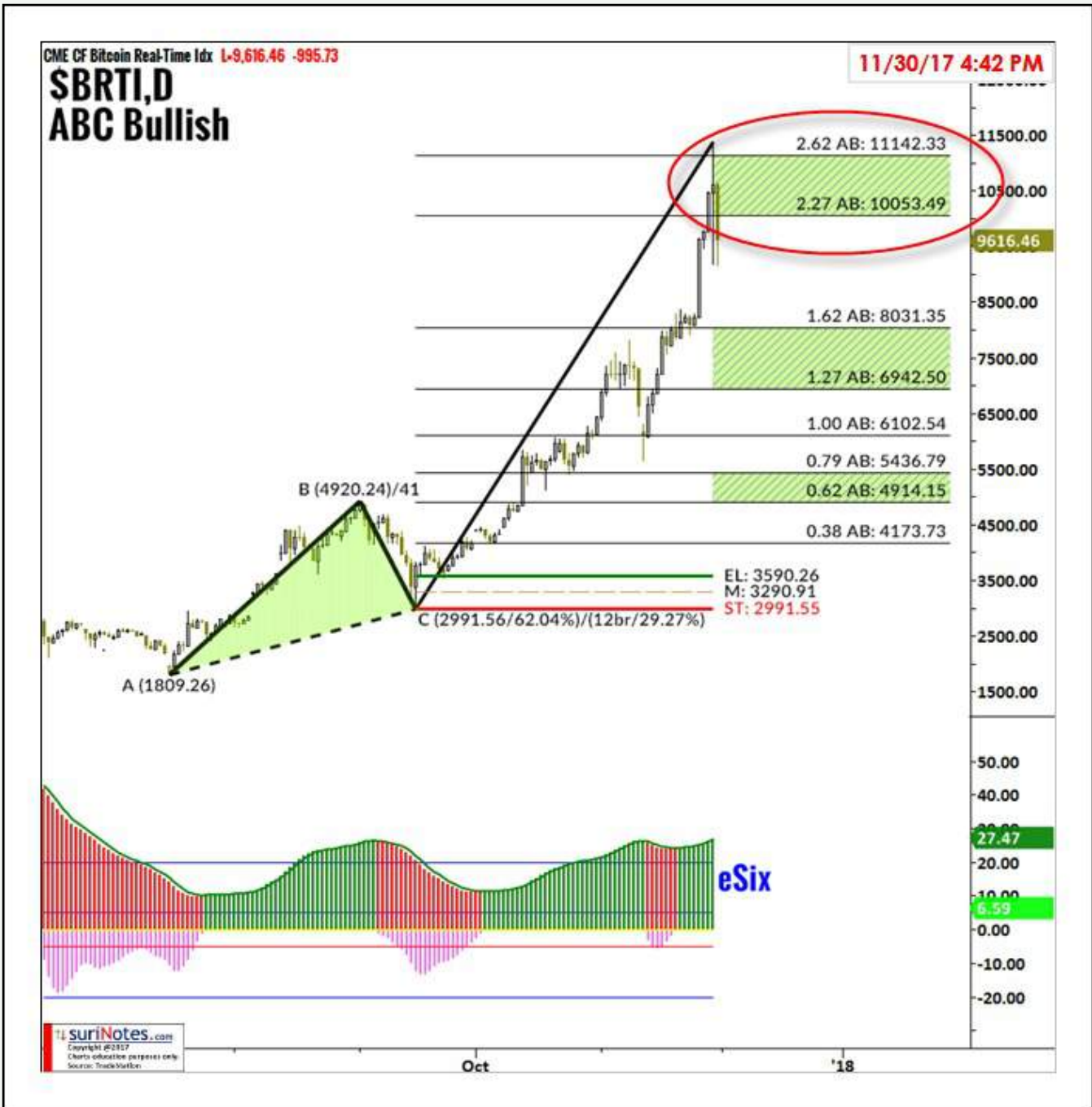
\$NTNX (D) ABC Bullish Pattern Long Entry above 21.88, Stop below 20.64 (-1.24), Target1 Zone: 25.6 to 27.0, Target2 Zone: 30.8 to 33.6

ULTI ABC Bullish Pattern



\$ULTI (D) ABC Bullish Pattern Long Entry above 199.01, Stop below 193.07 (-5.94), Target1 Zone: 219.6 to 226.9, Target2 Zone: 247.7 to 262.7

Bitcoin (CME's Bitcoin Idx) ABC Bullish



Reviewed in CPAT 11/13/17

BRTI (D) is trading in ABC Bullish Pattern. Long Entry above 3590.26, Stop below 2991.55 (-598.71), Target1 Zone: 4914.1 to 5436.8, Target2 Zone: 6942.5 to 8031.3, Target3 Zone: 10053.49 to 11142.33.

IBM ABC Bullish Pattern



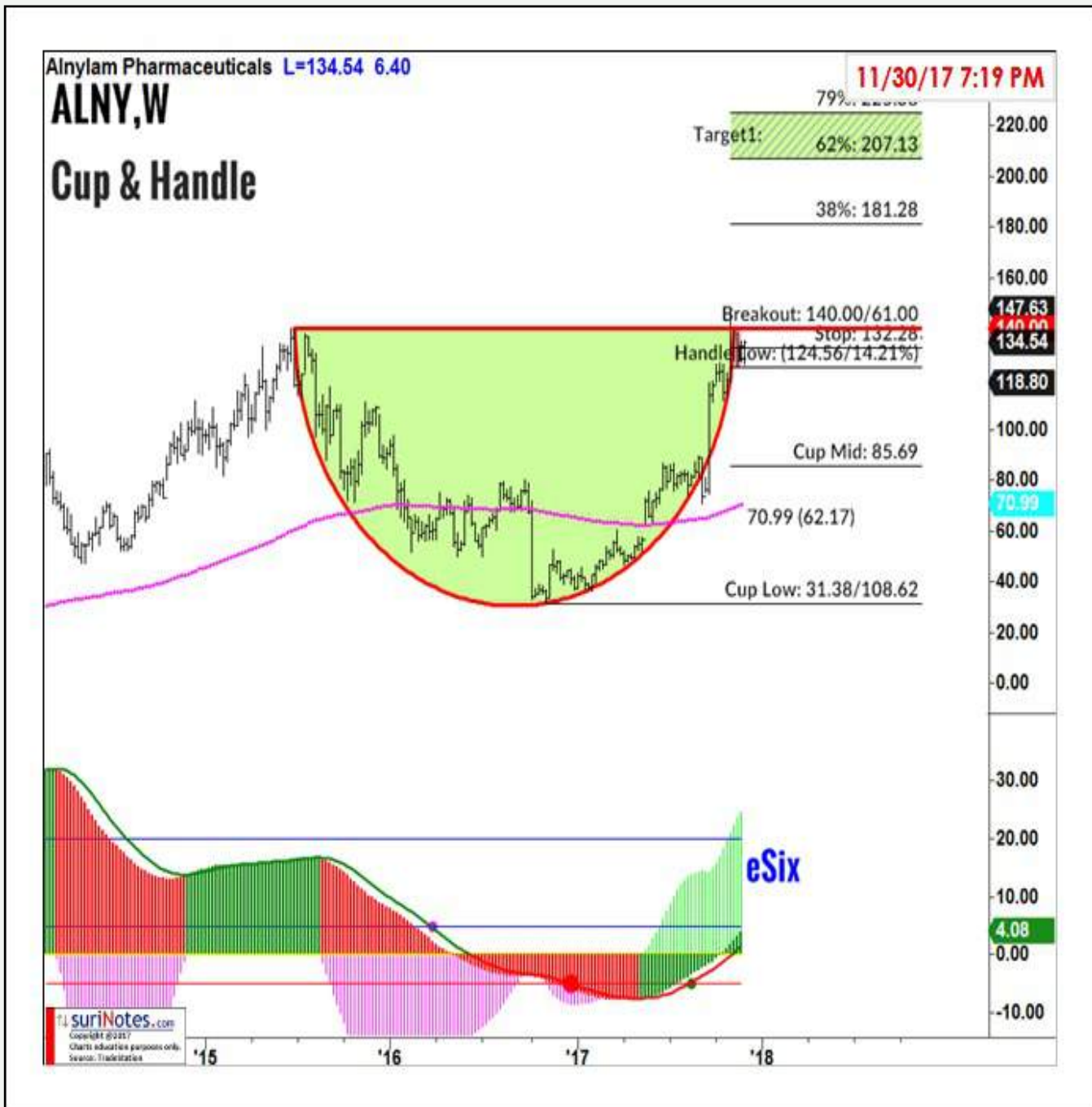
\$IBM (D) ABC Bullish Pattern Long Entry above 148.68, Stop below 146.20 (-2.48), Target1 Zone: 160.7 to 164.6, Target2 Zone: 175.9 to 184.1

AAL ABC Bullish Pattern



\$AAL (D) ABC Bullish Pattern Long Entry above 45.98, Stop below 45.26 (-0.72), Target1 Zone: 52.1 to 54.0, Target2 Zone: 59.4 to 63.3

ALNY Cup & Handle Pattern



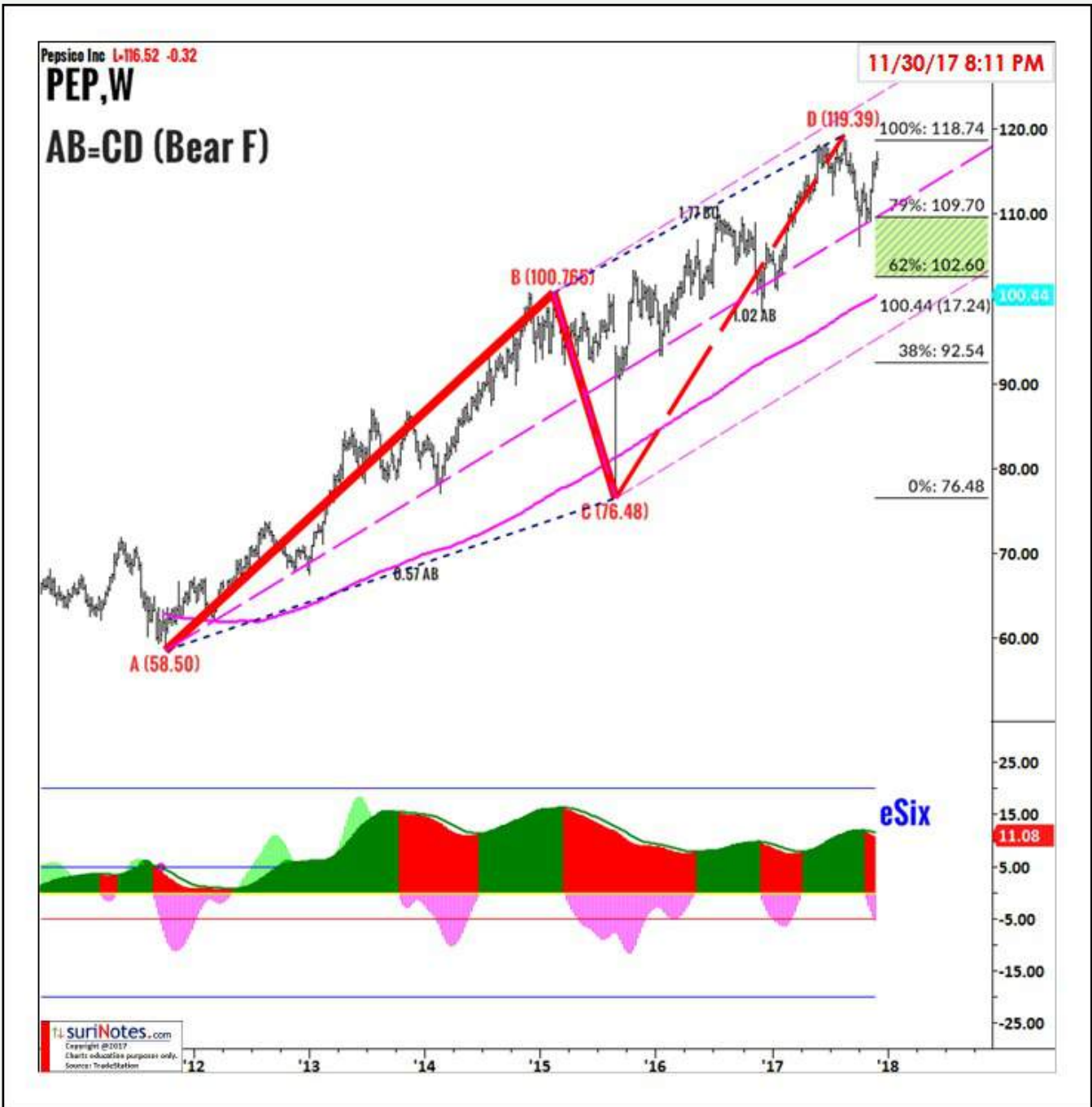
\$ALNY (W) is trading in Cup & Handle Pattern. Entry above breakout level: 140.00, Handle Low: 124.56, 14.21% below breakout level. T1: 207.1 to 225.4 T2: 277.9 to 316.0

MU AB=CD Pattern



MU (W) is trading in AB=CD pattern. AB=CD pattern completion zone is \$49-60.

PEP AB=CD Pattern



PEP (W) is trading in AB=CD Pattern. PEP reached 100% of AB level (118.74).

DAL ABC Bullish Pattern



\$DAL (D) ABC Bullish Pattern Long Entry above 49.38, Stop below 48.32 (-1.06), Target1 Zone: 54.2 to 55.8, Target2 Zone: 60.4 to 63.7

Chart Patterns

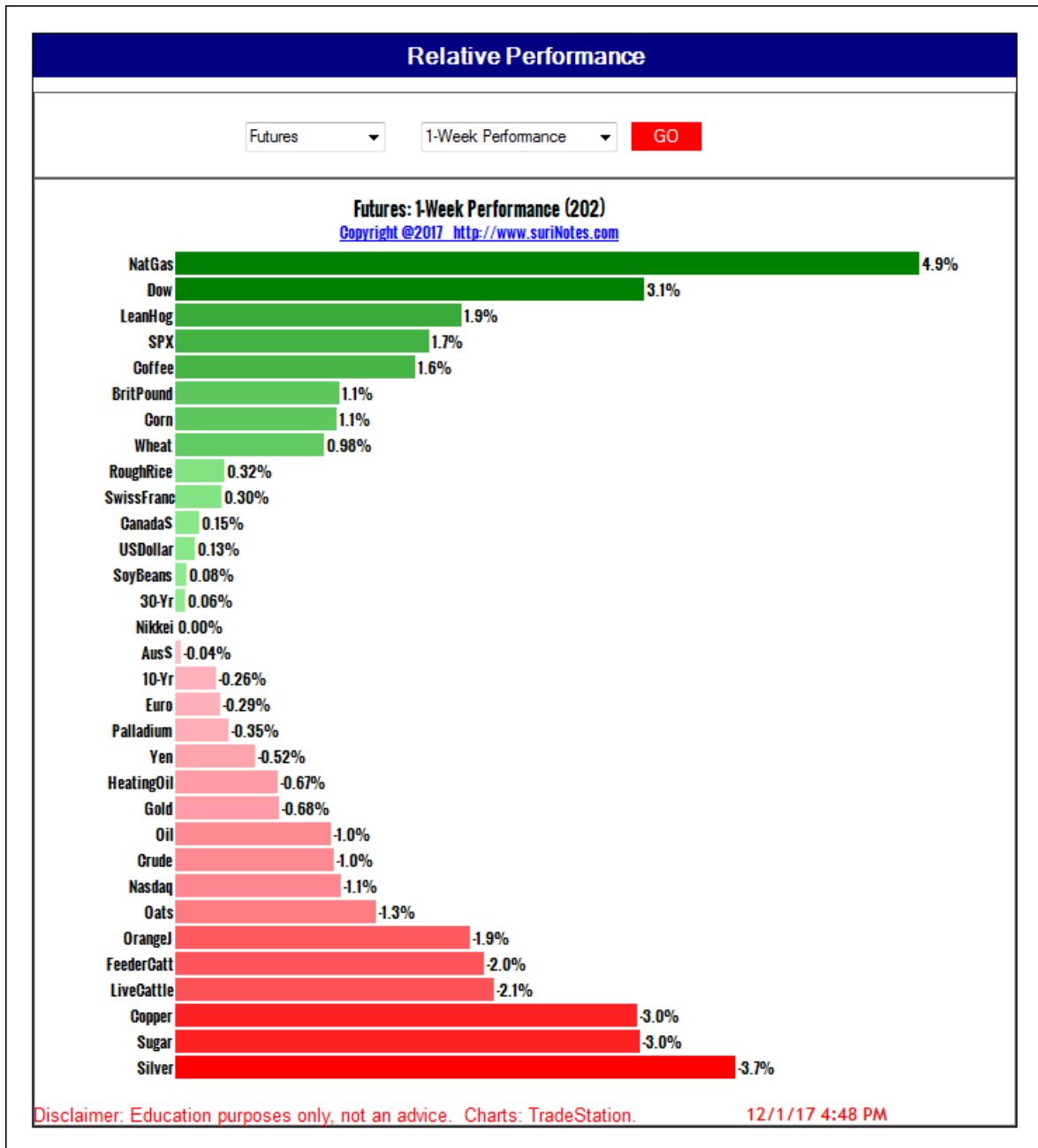
Futures & Commodities



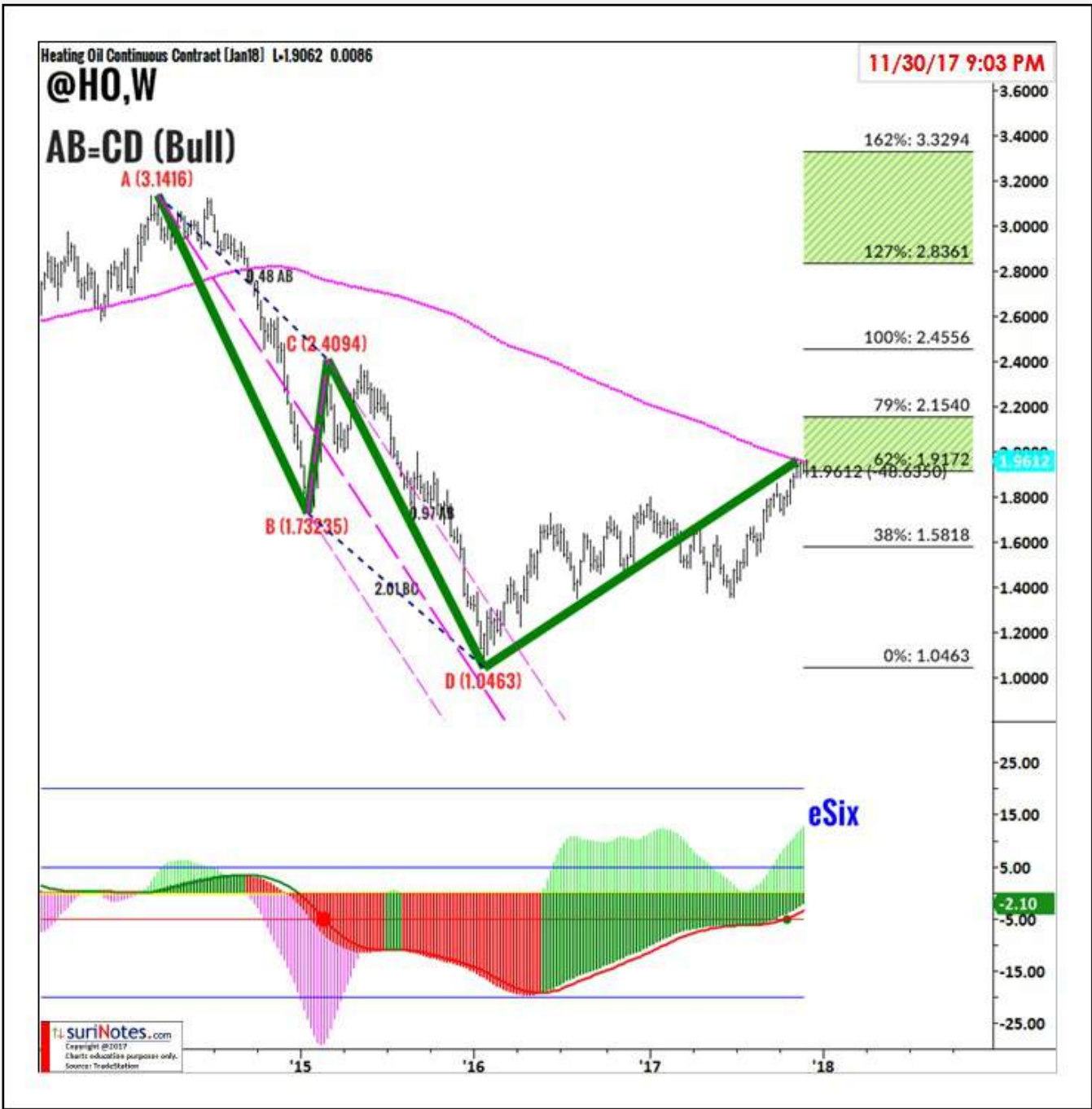
Futures Chg%

S..	PlotSymbol		Last	suri.Chg%			
	Sym	Name		1D%	W%	M%	YTD%
1	Futures						
2	@NQ	E-Mini NASDAQ-100 Continuo	344.50	1.00	(0.69)	2.33	30.44
3	@HG	Copper Continuous Contract [N	3.0955	(0.15)	(4.01)	.2648	18.12
4	@FC	Feeder Cattle Continuous Cont	50.200	(2.65)	(2.02)	5.875	17.23
5	@RR	Rough Rice Continuous Contra	12.460	(0.56)	0.32	7.460	12.86
6	@EC	Euro FX Continuous Contract [1.19070	0.28	(0.28)	0.4816	10.92
7	@GC	Gold Continuous Contract [Feb	1,283.0	(0.74)	(1.17)	0.1	8.97
8	@LC	Live Cattle Continuous Contract	121.975	(2.46)	(2.09)	7.331	8.71
9	@BP	British Pound Continuous Cont	1.3482	0.72	1.43	.3527	8.57
10	@HO	Heating Oil Continuous Contract	1.9424	(1.38)	(2.97)	.9953	7.46
11	@AD	Australian Dollar Continuous C	0.7609	(0.15)	(0.62)	.4846	5.52
12	@CD	Canadian Dollar Continuous Co	0.78805	(0.41)	(1.47)	.53888	3.82
13	@PL	Platinum Continuous Contract	942.00	0.14	(0.30)	2.15	2.98
14	@JY	Japanese Yen Continuous Conti	0.89230	(0.66)	(0.87)	.41784	2.03
15	@SF	Swiss Franc Continuous Contra	1.0254	(0.05)	(0.50)	.8928	1.22
16	@O	Oats Continuous Contract [Ma	63	(0.10)	(1.31)	5 6/8	1.15
17	@TY	10 Yr U.S. Treasury Notes Cont	24'13.5	(0.34)	(0.55)	0'19.0	0.92
18	@LH	Lean Hogs Continuous Contract	70.700	1.31	1.87	4.653	0.82
19	@SI	Silver Continuous Contract [M:	16.465	(0.53)	(3.61)	2.785	0.60
20	@QM	E-mini Crude Oil Continuous Cc	58.350	0.17	(2.63)	5.612	(0.56)
21	@CL	Crude Oil Continuous Contract	58.34	0.17	(2.63)	5.63	(0.57)
22	@S	Soybeans Continuous Contract	94	0.83	0.08	1	(4.70)
23	@OJ	Frozen Concentrated OJ Contir	162.05	1.60	(1.93)	5.31	(5.93)
24	@DX	U.S. Dollar Index Continuous C	92.830	(0.11)	0.32	1.537	(8.56)
25	@C	Corn Continuous Contract [Ma	59	0.91	1.06	1/8	(10.75)
26	@W	Wheat Continuous Contract [N	38 6/8	1.31	0.98	3/8	(12.99)
27	@KC	Coffee C Continuous Contract [129.60	0.81	1.57	0.86	(14.15)
28	@SB	Sugar No. 11 Continuous Contr	15.00	(0.67)	(3.04)	1.63	(26.75)
29	@NG	Natural Gas Continuous Contra	3.058	(5.09)	3.74	1.305	(32.27)
30	Disclaimer: Education purposes only, not an advice / Chart \$: 48:04 Station.						

Futures Weekly Performance



@HO AB=CD Pattern



@HO (Heating Oil, Weekly) is trading in AB=CD pattern. Price reached 1st target zone 1.9172-2.1540.

@RR ABC Bullish Pattern



\$@RR (D) ABC Bullish Pattern Long Entry above 11.515, Stop below 11.305 (-0.210), Target1 Zone: 13.20 to 13.72, Target2 Zone: 15.20 to 16.27

@FC ABC Bullish Pattern



\$@FC (D) ABC Bullish Pattern Long Entry above 152.861, Stop below 149.275 (-3.586), Target1 Zone: 163.61 to 167.50, Target2 Zone: 178.70 to 186.80

@O Head and Shoulders Pattern



\$@O (D) is trading in H&S Pattern (F). Short entry below 247.3, Stop above 273.6 (-26.3), Target1 Zone: 190 to 175, Target2 Zone: 130 to 98

@CL Inv. H&S Pattern



Reviewed in CPAT 10/02/17

\$@CL (D) is trading in Inv. H&S Pattern. Long entry above 51.55, Stop below 49.05 (2.50), Target1 Zone: 56.6 to 58.0, Target2 Zone: 61.9 to 64.8

@LC ABC Bullish Pattern



\$@LC (D) ABC Bullish Pattern Long Entry above 125.575, Stop below 122.750 (-2.825), Target1 Zone: 134.19 to 137.30, Target2 Zone: 146.24 to 152.70

@SB Rectangle Channel Pattern



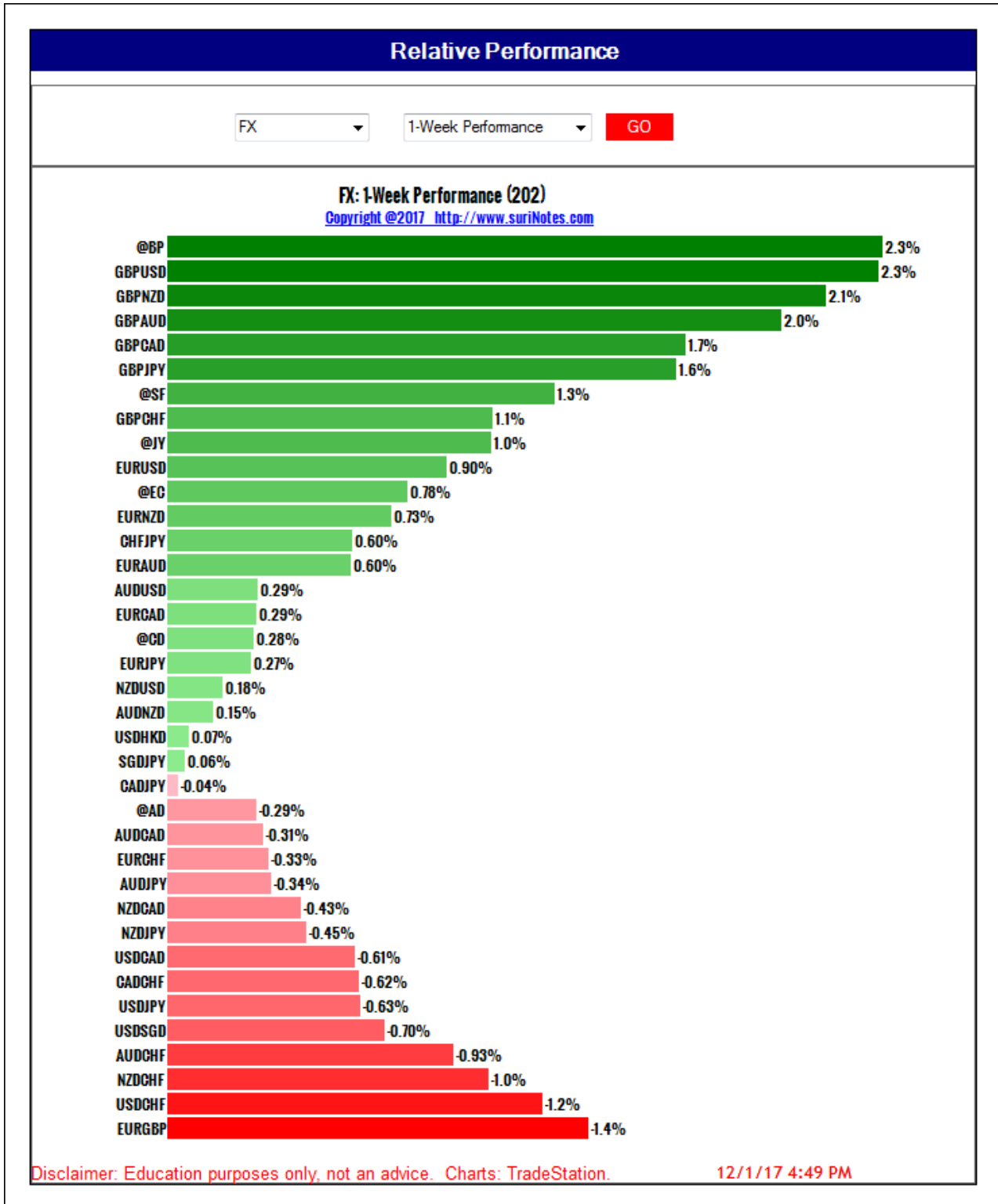
@SB (Sugar Futures) is trading in Rectangle Channel pattern.

Chart Patterns

FX



FX Weekly Performance



FX Chg%

S..	PlotSymbol		Last	suri.Chg%			
	Sym	Name		1D%	W%	M%	YTD%
1	FXPairs						
2	EURNZD	Euro / New Zealand Dollar	1.72676	1.17	0.57	2.4	14.79
3	EURUSD	Euro / US Dollar	1.18969	0.47	(0.18)	2.2	13.16
4	GBPNZD	British Pound / New Zealand \$	1.95509	1.60	2.21	2.1	11.25
5	GBPUSD	British Pound / US Dollar	1.34704	0.88	1.48	1.9	9.61
6	EURCHF	Euro / Swiss Franc	1.16130	0.36	0.21	0.8	9.26
7	EURJPY	Euro / Japanese Yen	133.435	1.00	0.71	1.2	8.78
8	EURCAD	Euro / Canadian Dollar	1.50924	0.71	1.33	2.3	8.60
9	EURAUD	Euro / Australian Dollar	1.56290	0.55	0.45	3.4	7.79
10	AUDNZD	Aust Dollar / New Zealand \$	1.10461	0.65	0.22	(1.0)	6.69
11	GBPCHF	British Pound / Swiss Franc	1.31483	0.78	1.85	0.4	5.88
12	GBPJPY	British Pound / Japanese Yen	151.067	1.40	2.41	0.9	5.40
13	GBPCAD	British Pound / Canadian \$	1.70875	1.12	2.98	1.9	5.18
14	AUDUSD	Aust Dollar / US Dollar	0.76101	(0.08)	(0.62)	(1.2)	5.04
15	GBPAUD	British Pound / Aust Dollar	1.76963	0.95	2.08	3.1	4.41
16	SGDJPY	Singapore Dollar/Japanese Yen	83.217	0.43	0.71	0.1	3.31
17	EURGBP	Euro / British Pound	0.88305	(0.41)	(1.52)	0.4	3.22
18	AUDCHF	Aust Dollar / Swiss Franc	0.74286	(0.17)	(0.15)	(2.6)	1.49
19	AUDJPY	Aust Dollar / Japanese Yen	85.346	0.45	0.30	(2.1)	1.06
20	AUDCAD	Aust Dollar / Canadian Dollar	0.96539	0.16	0.98	(1.1)	0.82
21	CADCHF	Canadian Dollar / Swiss Franc	0.76924	(0.33)	(0.96)	(1.5)	0.75
22	USDHKD	US Dollar / Hong Kong Dollar	7.81112	0.01	0.02	0.1	0.72
23	CADJPY	Canadian Dollar / Japanese Yen	88.385	0.29	(0.47)	(1.0)	0.30
24	CHFJPY	Swiss Franc / Japanese Yen	114.866	0.61	0.58	0.4	(0.39)
25	NZDUSD	New Zealand \$ / US Dollar	0.68876	(0.71)	(0.49)	(0.2)	(1.22)
26	USDCHF	US Dollar / Swiss Franc	0.97616	(0.09)	0.47	(1.4)	(3.38)
27	USDJPY	US Dollar / Japanese Yen	112.152	0.53	0.93	(1.0)	(3.81)
28	USDCAD	US Dollar / Canadian Dollar	1.26868	0.24	1.53	0.1	(4.04)
29	NZDCHF	New Zealand \$ / Swiss Franc	0.67234	(0.81)	(0.03)	(1.6)	(4.56)
30	NZDCHF	New Zealand \$ / Swiss Franc	0.67234	(0.81)	(0.03)	(1.6)	(4.56)
31	NZDJPY	New Zealand \$ / Japanese Yen	77.238	(0.19)	0.39	(1.2)	(5.09)
32	NZDCAD	New Zealand \$ / Canadian \$	0.87369	(0.47)	0.95	(0.2)	(5.29)
33	USDSGD	US Dollar / Singapore Dollar	1.34700	0.13	0.28	(1.0)	(6.79)

Disclaimer: Education purposes only, not an advice. Charts are for informational purposes only.

@AD AB=CD Pattern



Reviewed in CPAT 11/13/17

@AD (Australian Dollar, Daily) is trading in AB=CD Bearish pattern. AB=CD pattern target range: 0.7328-0.7496.

@CD ABC Bullish Pattern



Reviewed in CPAT 11/13/17

\$@CD (D) is trading in ABC Bullish Pattern. eSIX trend is still bearish. Long Entry above 0.78280, Stop below 0.77445 (-0.00835), Target1 Zone: 0.8378 to 0.8550, Target2 Zone: 0.9045 to 0.9404

@DX ABC Bullish Pattern



\$@DX (D) is forming ABC Bullish Pattern. ESIX trend is bearish. Long Entry above 93.155, Stop below 92.425 (-0.730), Target1 Zone: 95.09 to 95.81, Target2 Zone: 97.89 to 99.40

@JY Rectangle Channel



Reviewed in CPAT 10/02/17

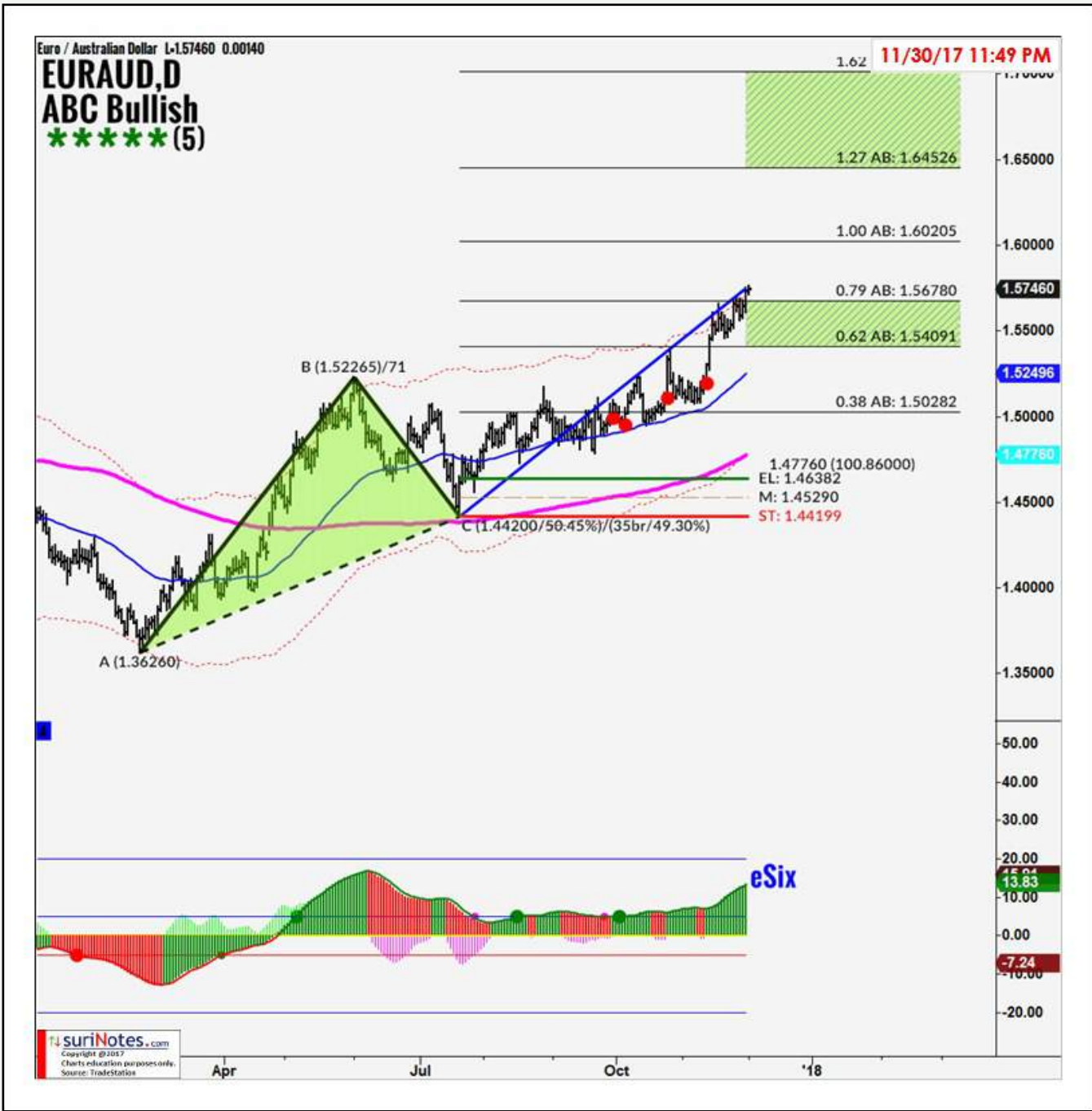
@JY (Japanese Yen) is trading in Rectangle Channel.

AUDUSD AB=CD Pattern



AUDUSD (Daily) is trading in AB=CD pattern. AB=CD bearish pattern target range: 0.73659 to 0.75280

EURAUD ABC Bullish Pattern



Reviewed in CPAT 10/30/17

\$EURAUD (D) ABC Bullish Pattern Long Entry above 1.46382, Stop below 1.44199 (-0.02183), Target1 Zone: 1.5409 to 1.5678, Target2 Zone: 1.6453 to 1.7013

EURNZD ABC Bullish Pattern



Reviewed in CPAT 9/18/17

\$EURNZD (D) ABC Bullish Pattern Long Entry above 1.54442, Stop below 1.52339 (-0.02103), Target1 Zone: 1.6286 to 1.6572, Target2 Zone: 1.7396 to 1.7991

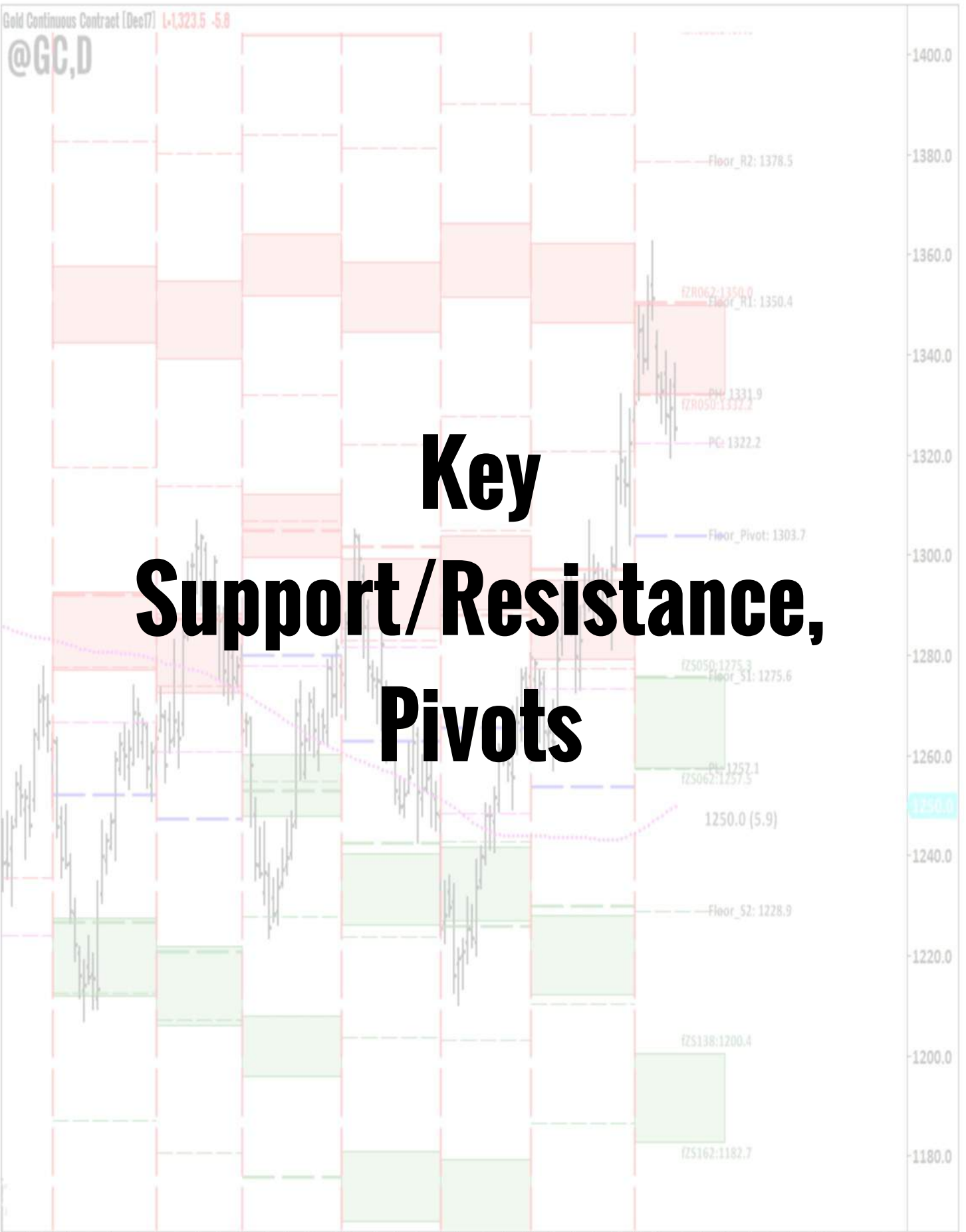
EURUSD Inv. HS Pattern



\$EURNZD (D) is trading in Inv. H&S Pattern (F). Long entry above 1.57621, Stop below 1.54981 (0.02641), Target1 Zone: 1.6521 to 1.6728, Target2 Zone: 1.7323 to 1.7753

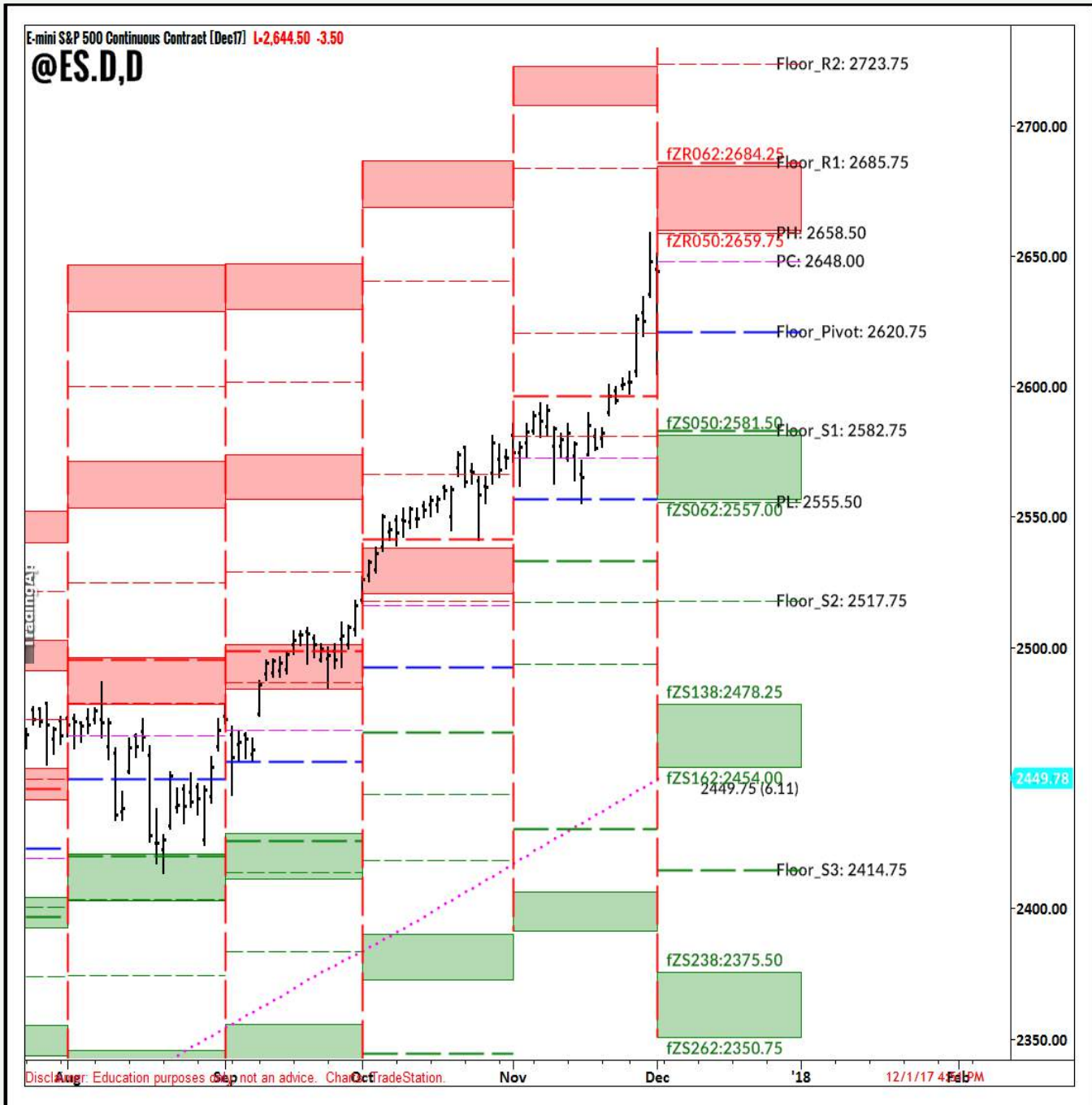
Gold Continuous Contract (Dec17) L:1323.5 -5.8

@GC,D



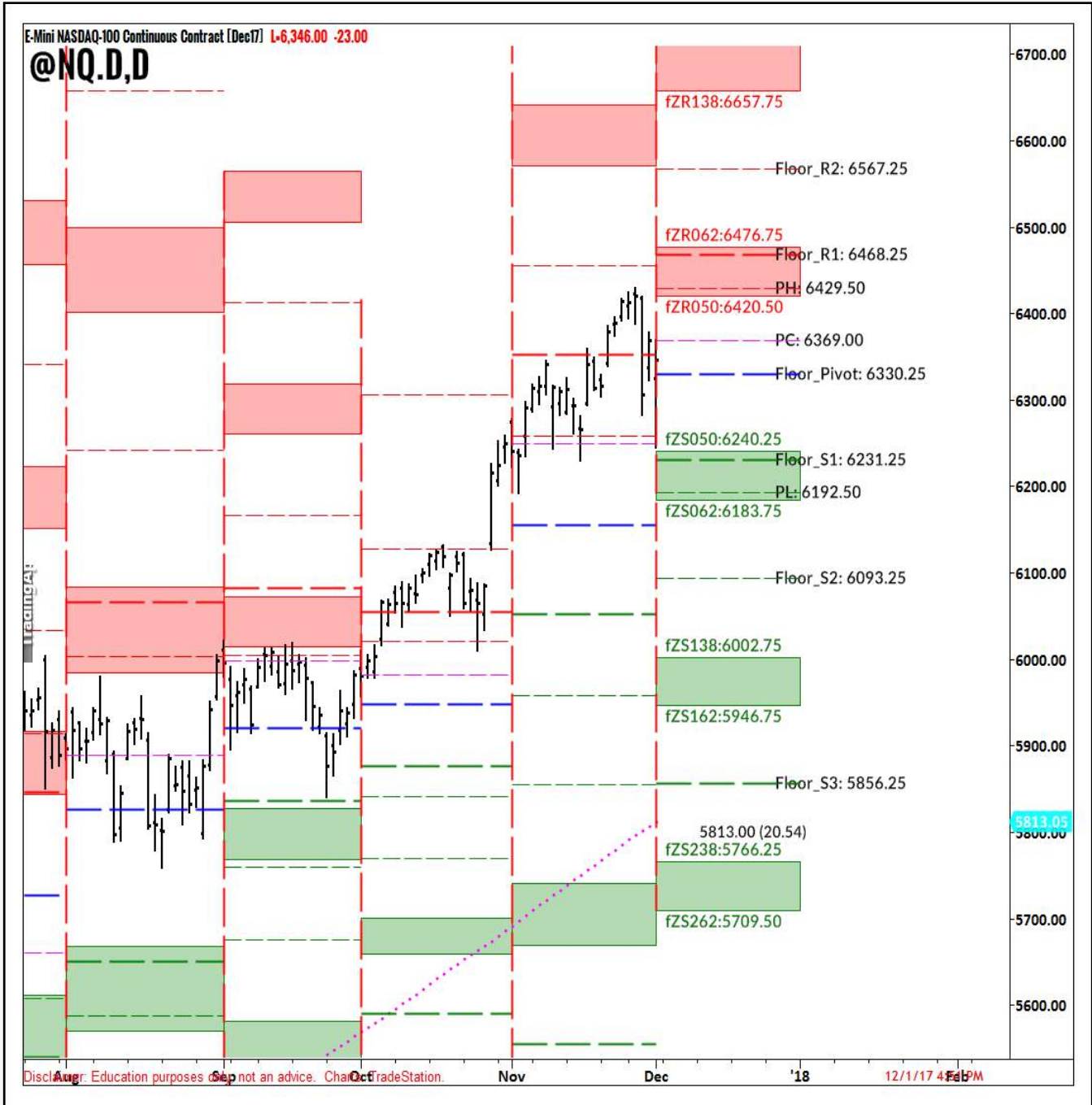
Key Support/Resistance, Pivots

ES Fib. Zone Pivots



@ES Fib. Zone Pivots

NQ Fib. Zone Pivots



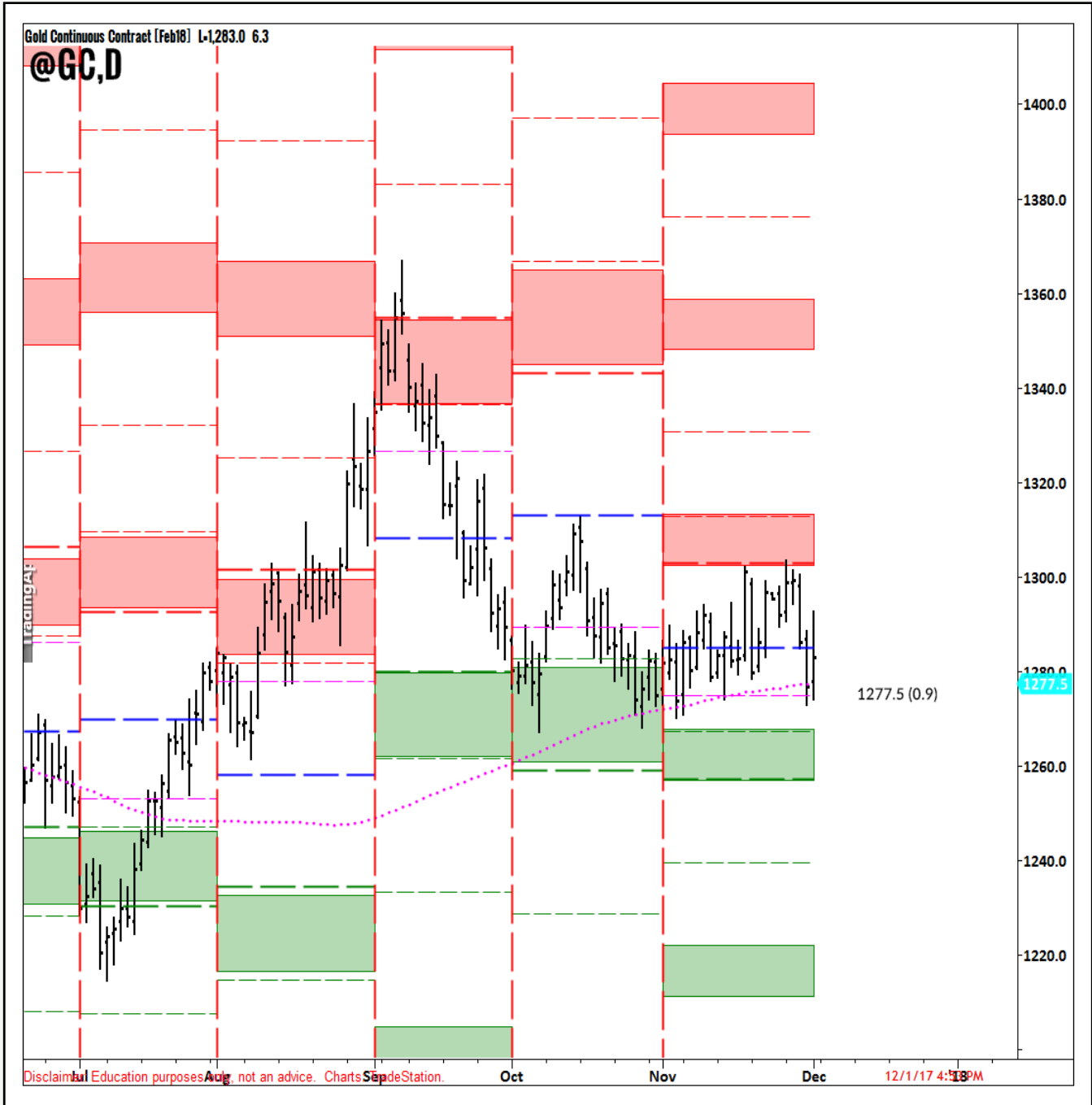
NQ Fib. Zone Pivots

QM Fib. Zone Pivots



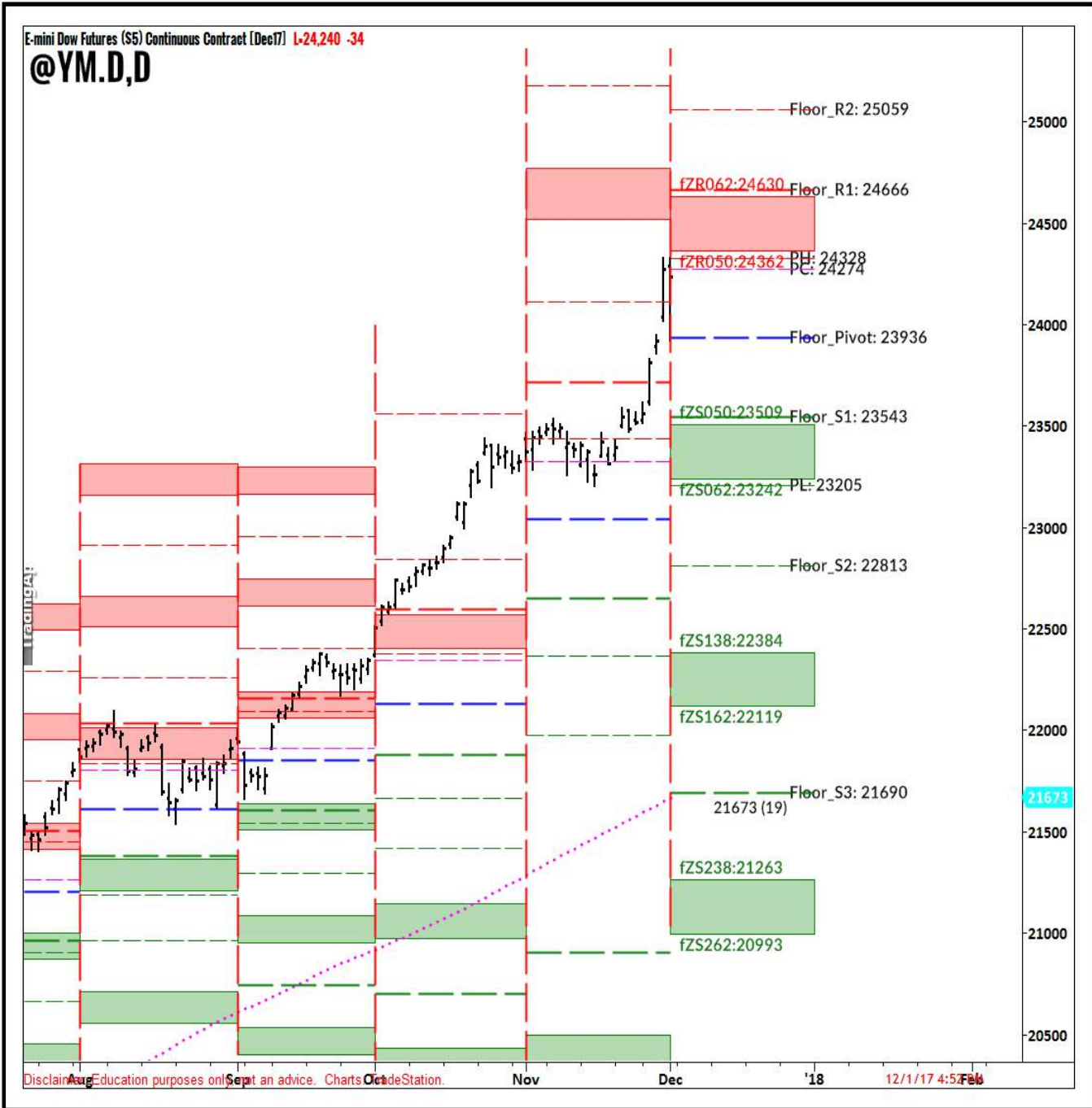
QM Fib. Zone Pivots

GC Fib. Zone Pivots



@GC Fib. Zone Pivots

YM Fib. Zone Pivots



YM Fib. Zone Pivots

GAP Charts

Shows filled and unfilled gap levels



@ES Gap Chart



@ES Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

@NQ Gap Chart



@NQ Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

YM Gap Chart



@YM Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

Earnings

Companies releasing earnings in the next few weeks.



December Earnings Calendar

		Horz.	
1	Fri		
4	Mon	GMPPH HDB LIVE SLV	
5	Tue	AZO	
6	Wed	AVGO HRB LULU	
7	Thu	RH	
8	Fri		
11	Mon		
12	Tue		
13	Wed	ARWR	
14	Thu	COST JBL ORCL	
15	Fri		
18	Mon		
19	Tue	ADBE DRI FDX MU YGE	
20	Wed		
21	Thu	PAYX	
22	Fri		
25	Mon	RHT	
26	Tue	NIKE	
27	Wed	PIR	
28	Thu		
29	Fri		

Earnings

12/1/17 4:55 PM

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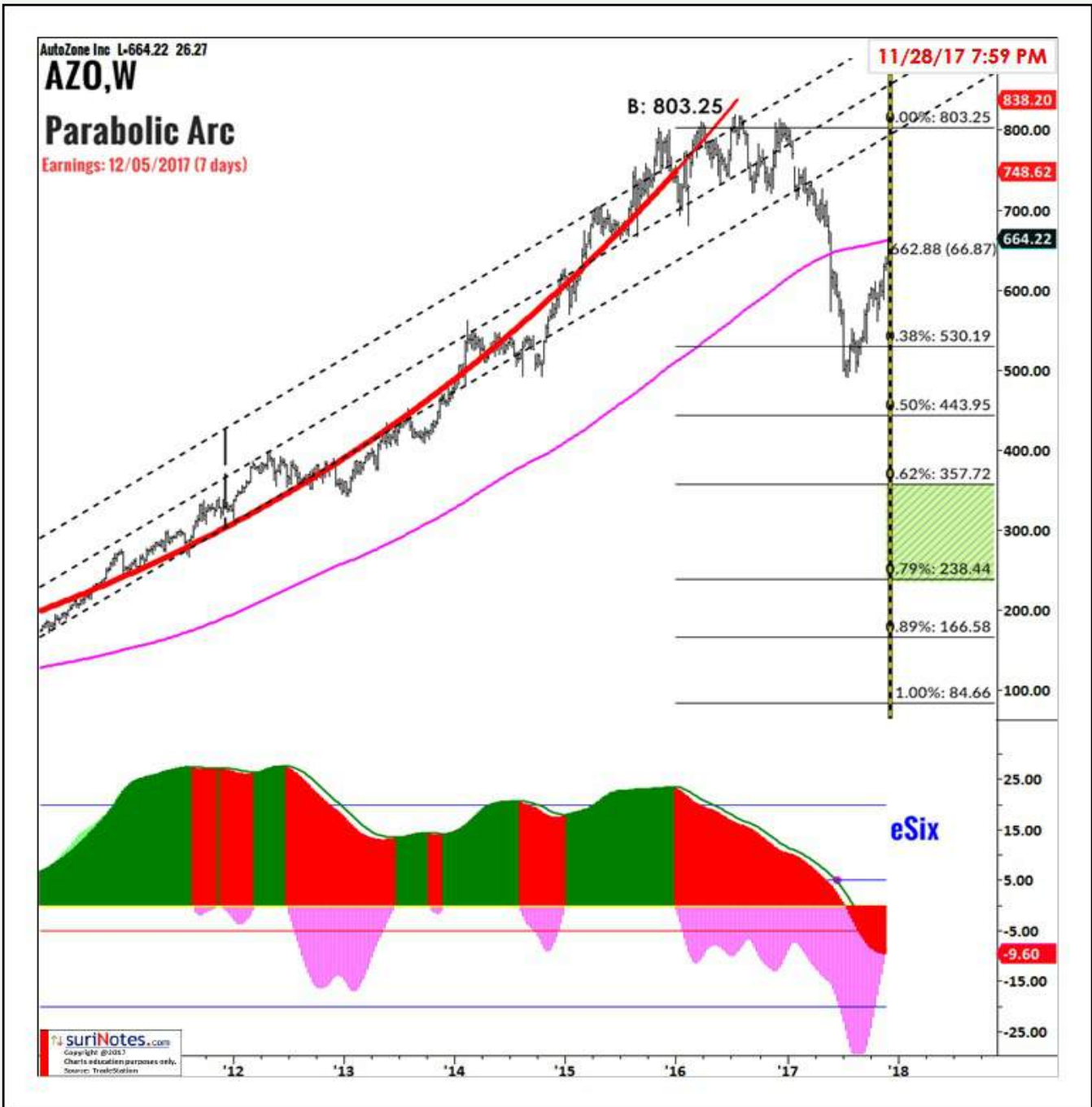
January Earnings Calendar

		Horz.		Jan 2018			
1	Mon						
2	Tue	LEN					
3	Wed	MON PEP					
4	Thu						
5	Fri						
8	Mon						
9	Tue						
10	Wed	BLK DAL FAST					
11	Thu	C JPM					
12	Fri	BAC WFC					
15	Mon						
16	Tue	CREE CSX GS HOG IBM JNJ LRCX MS SYNT UNH WIT					
17	Wed	ABT ASML AXP EBAY UAL					
18	Thu	ATHN BX DOV ETF ISRG MXIM PM SAP TSM VZ					
19	Fri	GE HON PG SLB					
22	Mon	ITW STX WHR					
23	Tue	AKAM AMD AMTD BIB CAT CMG CVLT ESRX GLW GM ILMN INFY IRM JBLU JNPR LLY LMT NXP MCD MMM PCAR PHM RF SFLY SHW T TXN UTX					
24	Wed	AFL ALGT AMGN BA BUID CTXS FCX FFIV FLIR GD IP KO LVS MLNX NDAQ NOC NTGR NXP ORLY S SKYY SRPT TER TSCO UTHR V VAR VRTX WBA WYN XLNX					
25	Thu	AAL ALXN AMZN BIDU BMY BUD CELG CERN CHTR CME CY DECK EXPE F FARO FLEX FSR GILD GOOG IMAX INTC KKR KLAC LLL LOGM LUV MAT MCK MHK MO MSFT NEM OSIS PENN PEG POT POWI RIN SAVE SIMO TWTR TWX TZOO UPS VLO VRSN WDC WM WYNN XRX					
26	Fri	ABBY CL CVX IBN MRK SOHU SPG VRTS WY XOM					
29	Mon	CRAY NBL STRA					
30	Tue	AET CHKP CMI DDD DVN EA ECL EIX FIS FISV IDXX INCY K MA MOS OKE PFE PLT MET PZZA QLYS RDY UA X					
31	Wed	AGN CAVM CDW CTRP CTSH EL EQIX FB FEYE FLT GNRC GPRO GRMN GRPN ICPT LPSN MET MMYT NUS OXY PRU QCOM QRVO RDWR RGLD SNI SODA SYMC TAP TSLA ULTI WMB YELP					

12/1/17 4:56 PM

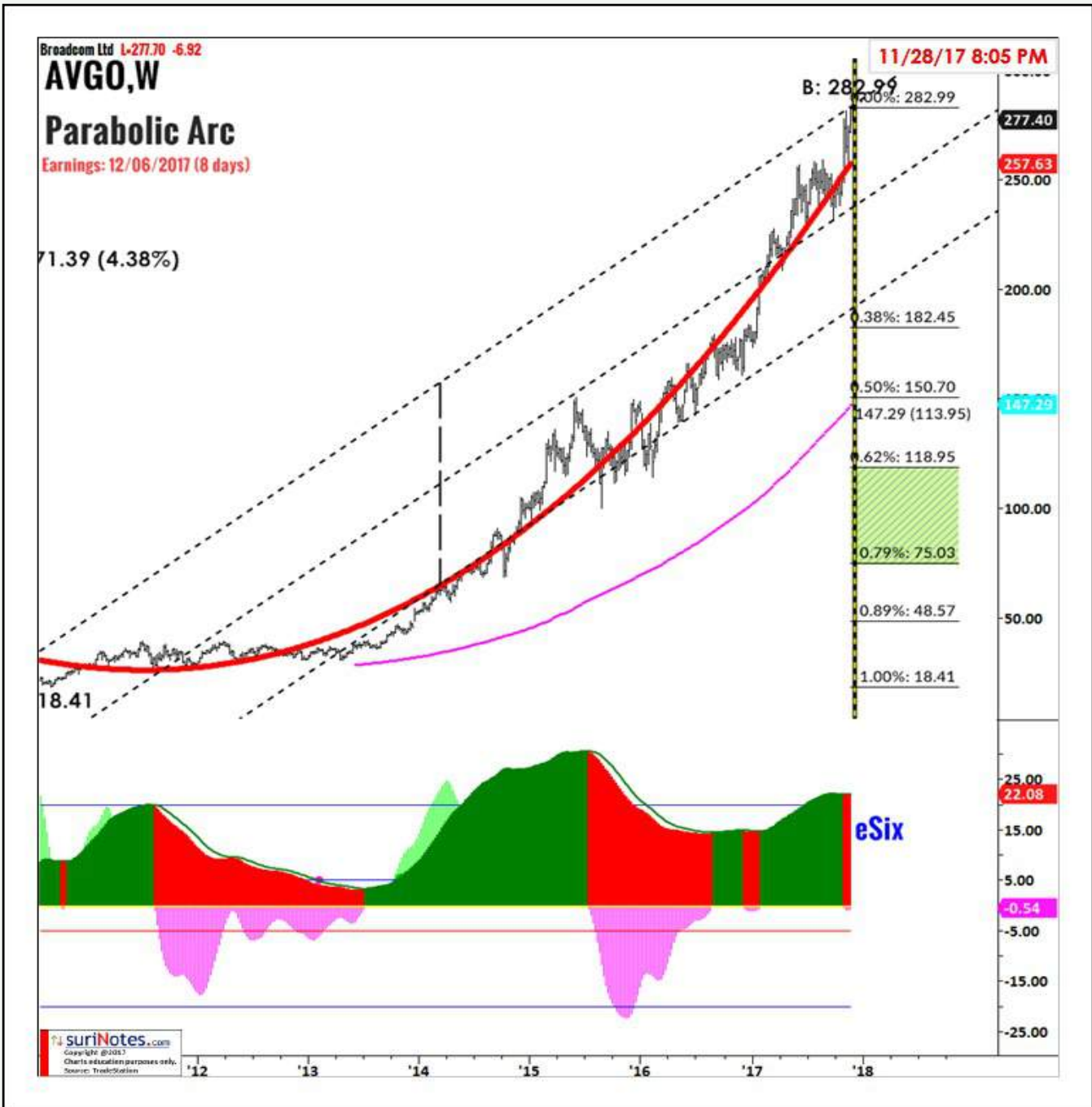
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AZO Parabolic Arc Pattern



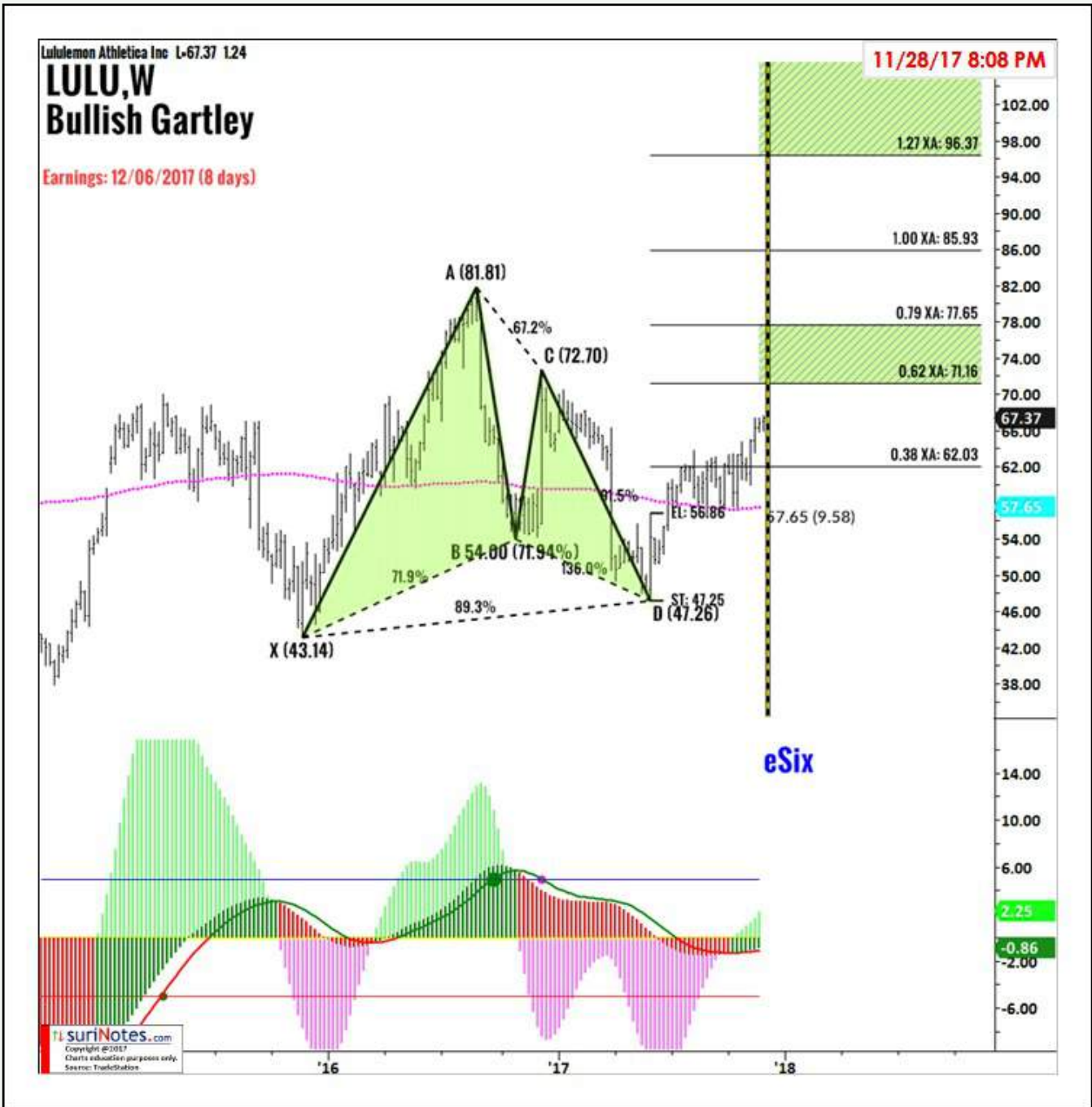
\$AZO (W) is trading in Parabolic Arc from 06/06/2008 (low: 84.66) to 07/15/2016 (high: 803.25). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

AVGO Parabolic Arc Pattern



\$AVGO (W) is trading in Parabolic Arc from 09/10/2010 (low: 18.41) to 11/24/2017 (high: 282.99). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

LULU Bullish Gartley Pattern



LULU (W) is trading in Bullish Gartley pattern. LULU Earnings: 12/06/17. Long entry is above \$56.86 with a stop below \$51.30. Targets: \$71-77, \$86.

LULU Rectangle Channel



Reviewed in CPAT 10/16/17

LULU is trading in Rectangle Channel. Upside breakout is above \$63. Targets: \$63-69.

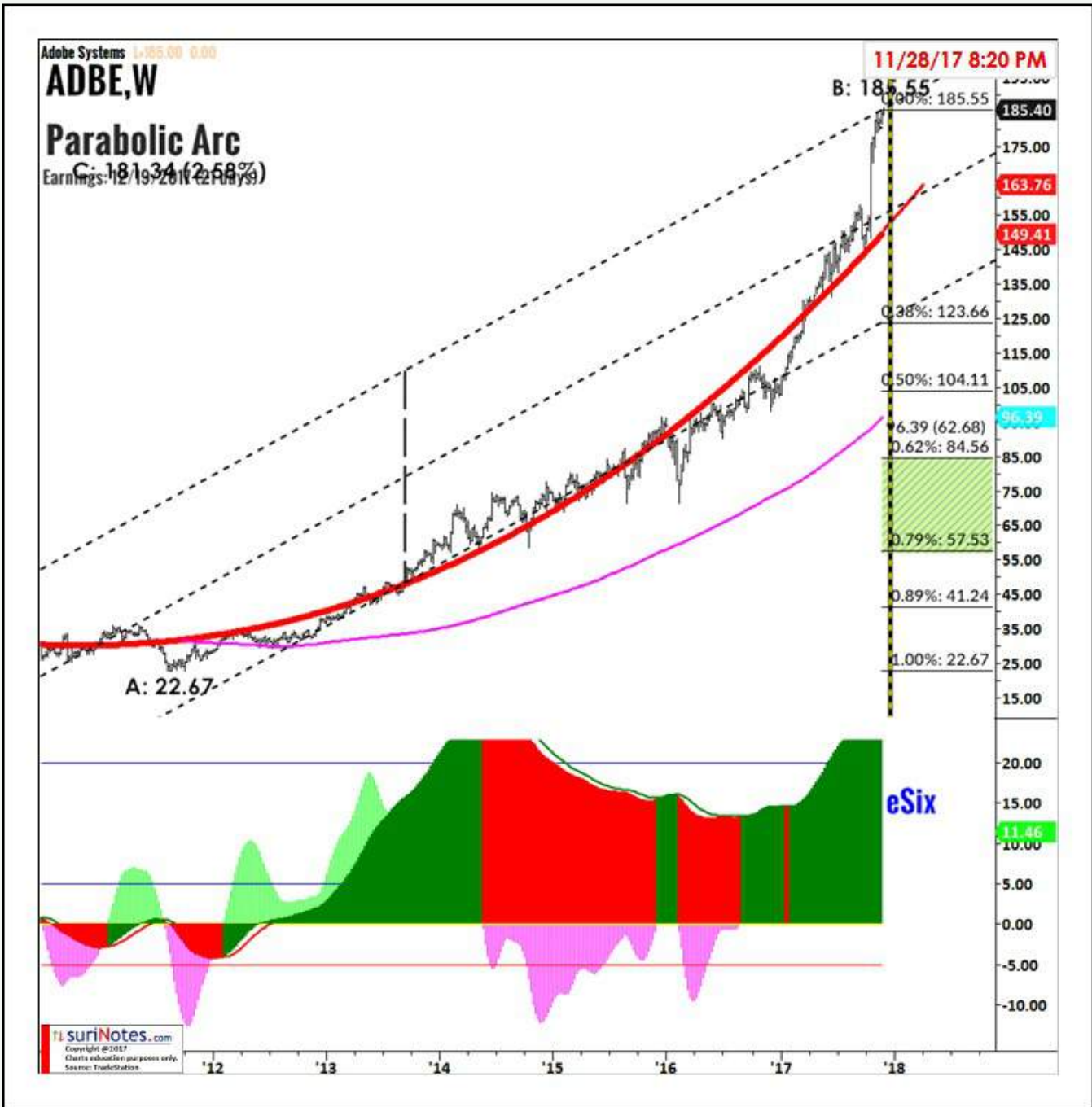
COST ABC Bullish Pattern



Reviewed in CPAT 11/20/17

\$COST (D) ABC Bullish Pattern Long Entry above 157.25, Stop below 154.10 (-3.15), Target1 Zone: 164.8 to 167.7, Target2 Zone: 176.0 to 182.0

ADBE Parabolic Arc Pattern



Reviewed in CPAT 09/18/17

\$ADBE (W) is trading in Parabolic Arc from 08/19/2011 (low: 22.67) to 11/24/2017 (high: 185.55). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

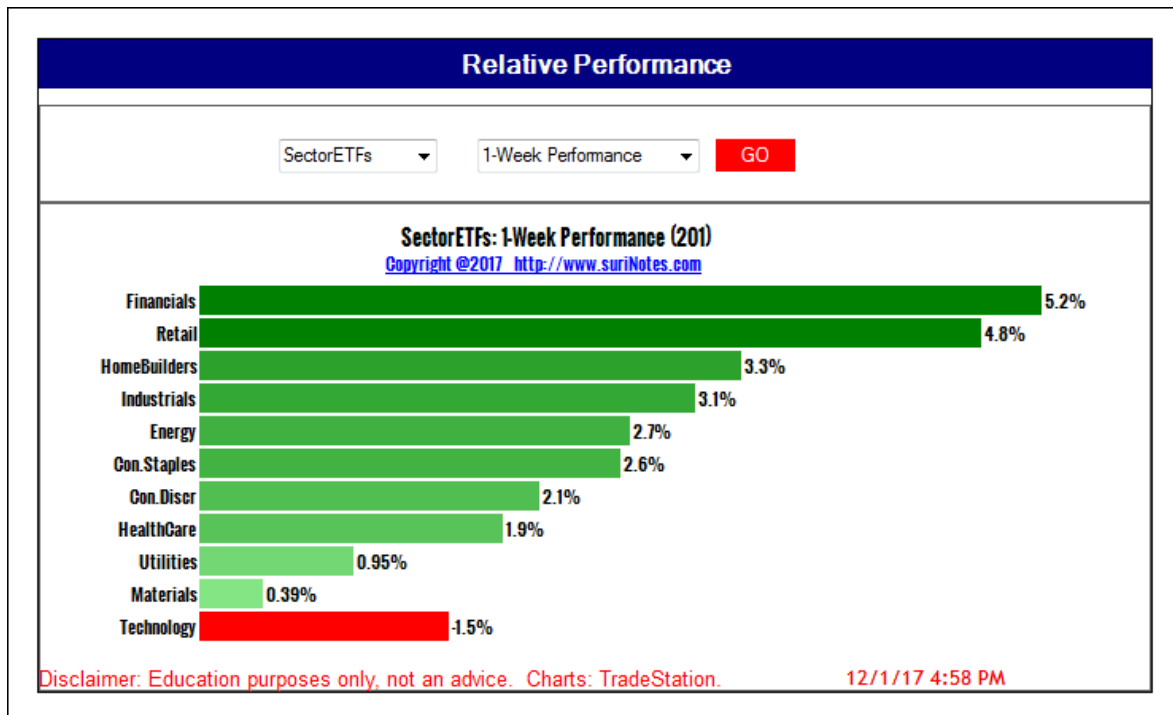
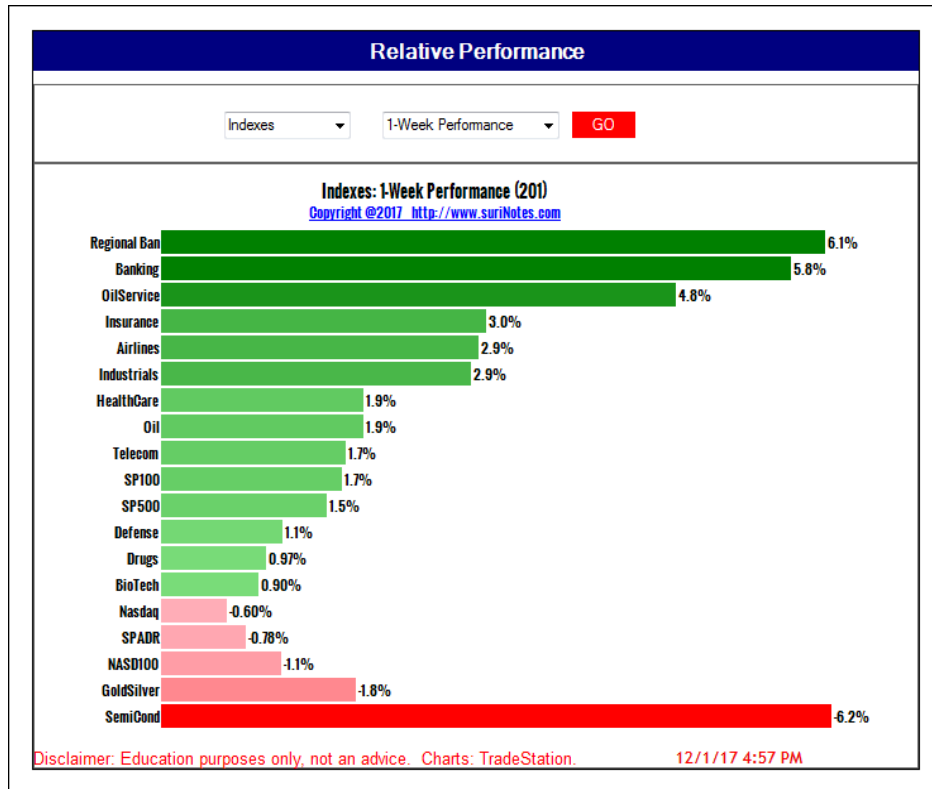
Weekly Relative Performances



Sector & Indexes Relative Performances

Winners: Banking, OiService, Insurance

Losers: Technology, GoldSilver, SemiConductors



Dow 30 Weekly Relative Performance

Relative Performance

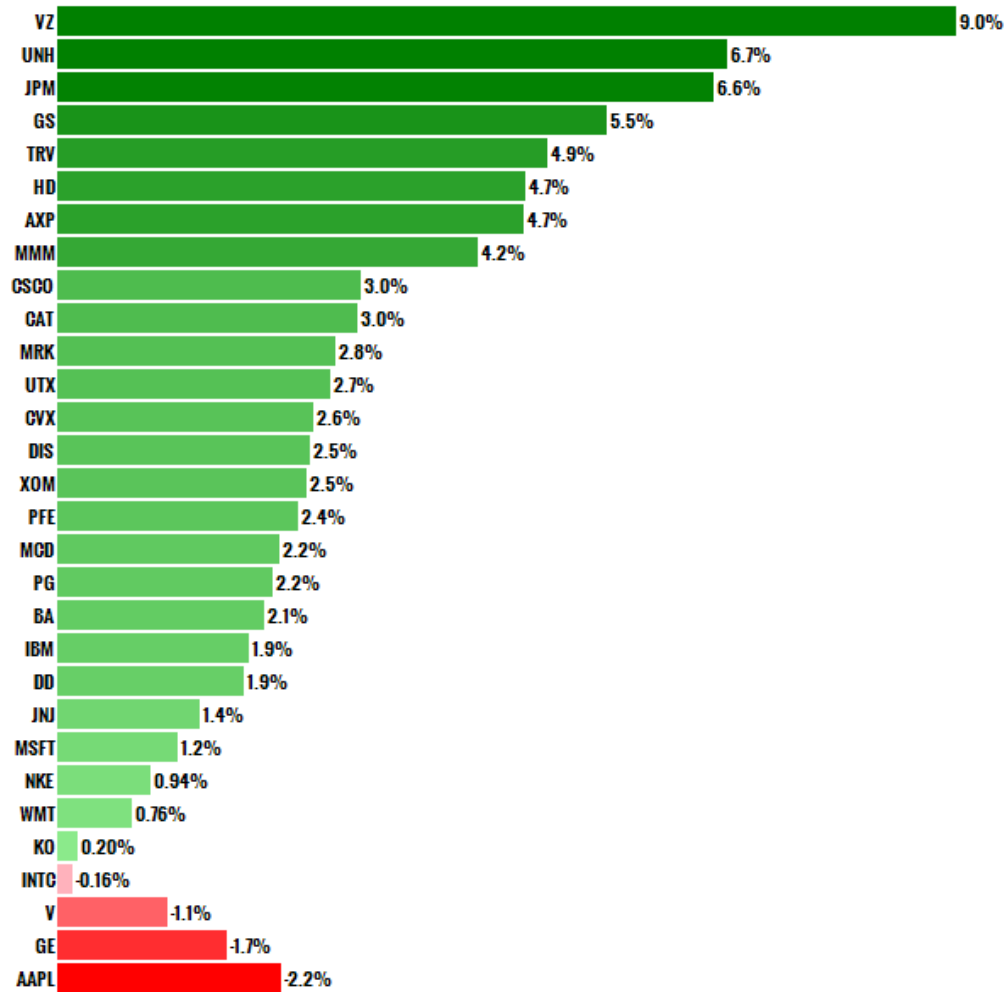
Dow30

1-Week Performance

GO

Dow30: 1-Week Performance (201)

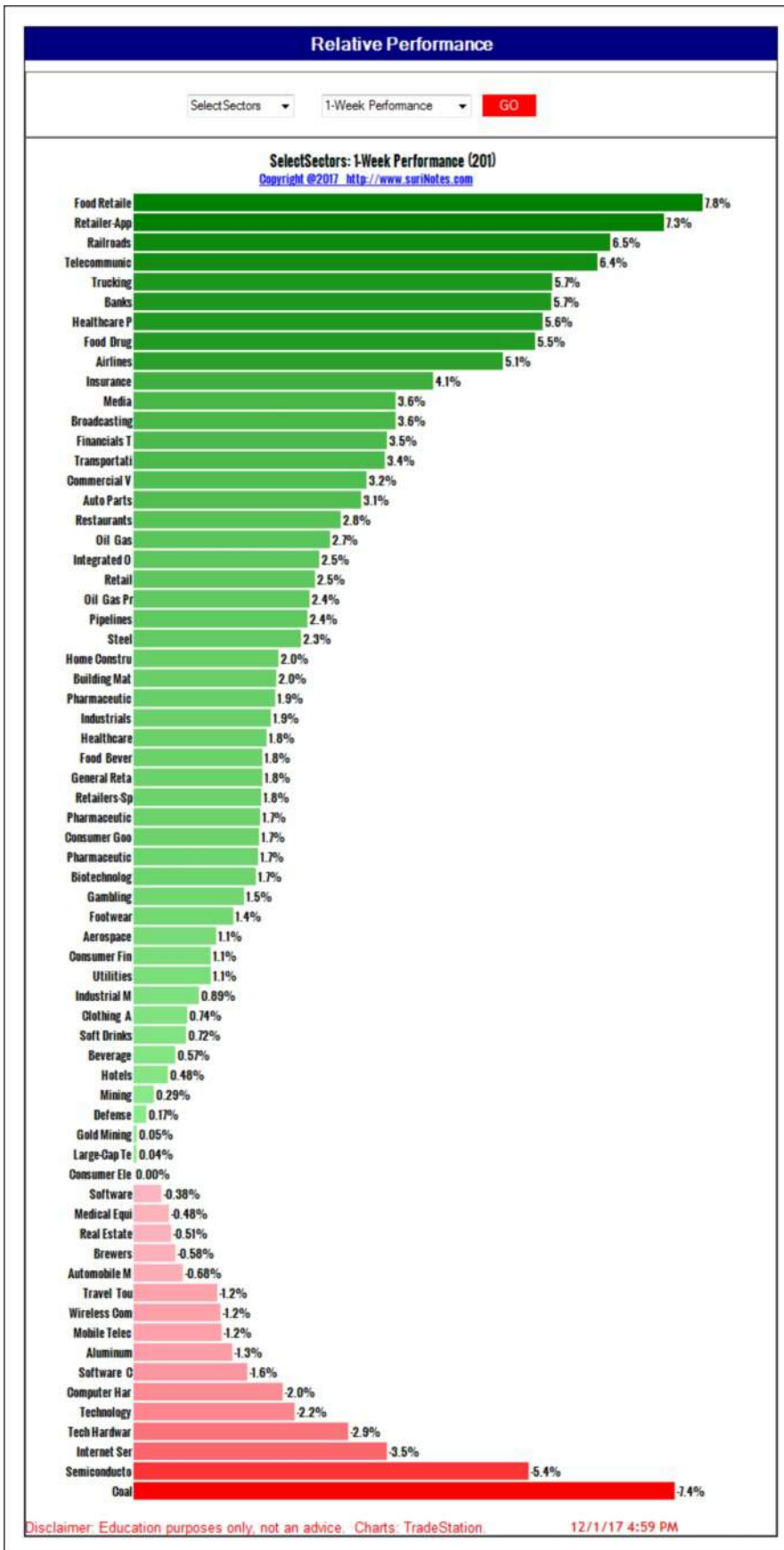
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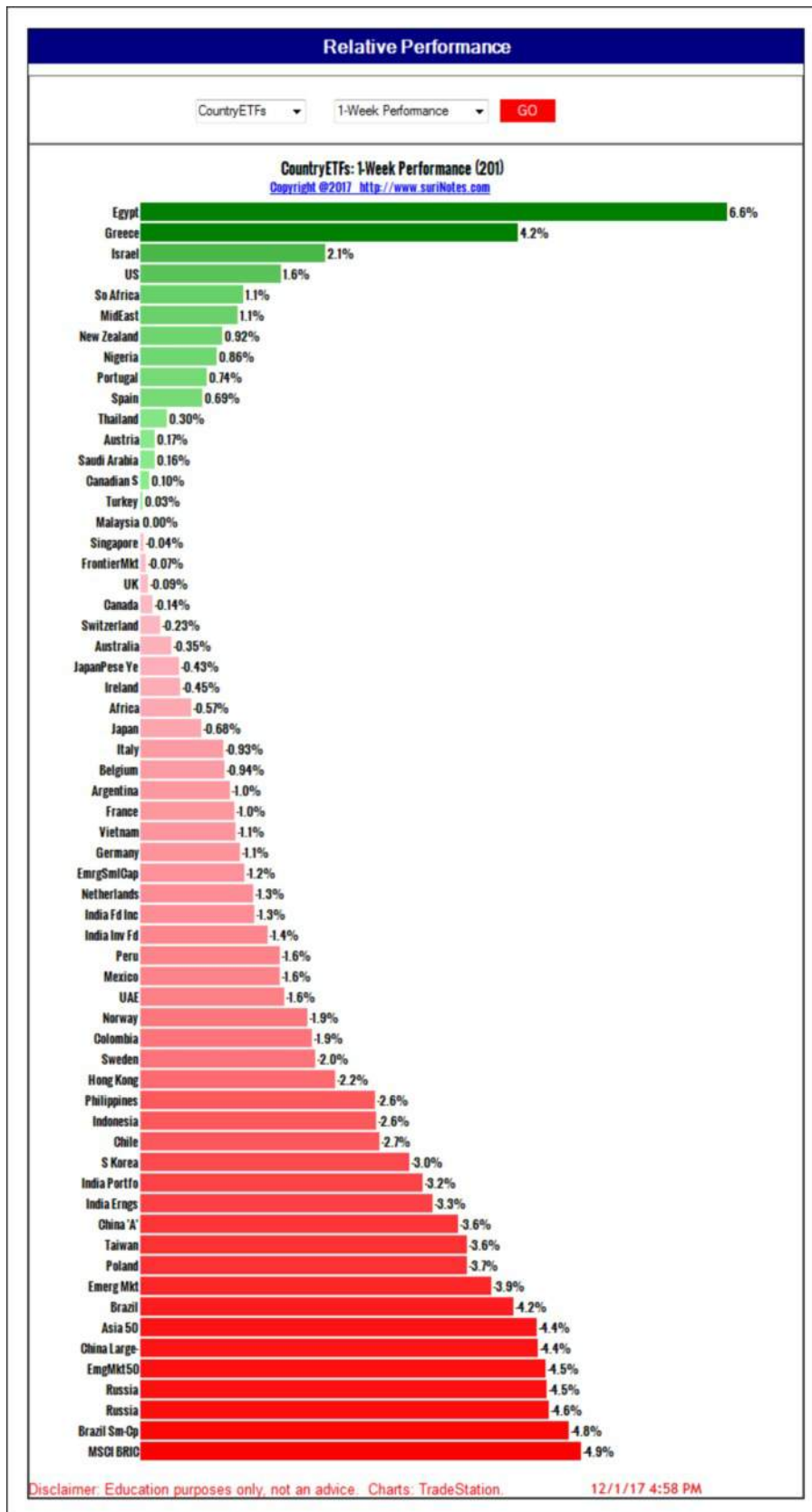
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12/1/17 5:01 PM

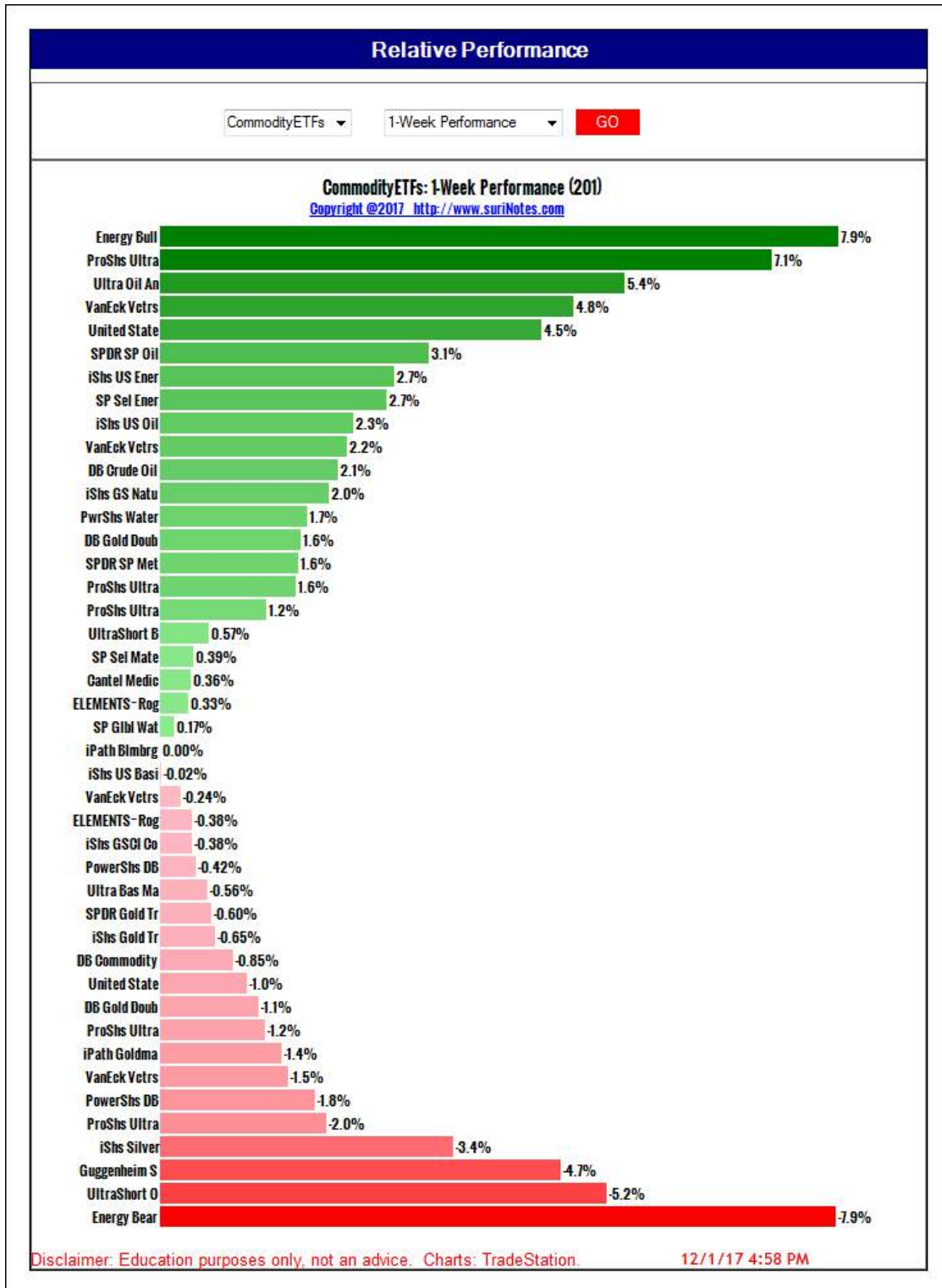
Select Sectors Weekly Performance



Country ETFs Weekly Performance



Commodity ETFs Weekly Performance





Watch Lists

Momentum

Relative Strength

Bullish/Bearish Lists

NH/NL

Oversold/Overbought

Key Retracements

Sector ETF %DWMY

S.	Plot/Symbol		Last	Net Chg	surt.Chng%			YTD%	S.	Plot/Symbol		Last	Net Chg	surt.Chng%			YTD%
	Sym	Name			1D%	W%	M%			Sym	Name			1D%	W%	M%	
1	SectorETFs																
2	FAS	Finl Bull 3x Shs	66.56	0.67	1.75	9.34	8.96	61.10	34	IYC	iShs US Cons Service ETF	175.36	0.09	0.72	2.78	6.29	16.05
3	ITB	iShs US Home Constr ETF	43.148	0.299	(0.37)	1.95	9.116	55.93	35	IYT	iShs Transp Avg ETF	184.010	-1.450	1.97	6.95	5.136	13.89
4	TAN	Guggenheim Solar Energy	24.32	-0.25	0.45	(3.27)	1.82	48.28	36	KIE	SPDR S&P Insurance	31.11	-0.06	(0.35)	2.53	1.23	12.73
5	IGV	iShs North Ameri Tch-Software	155.290	-0.510	1.08	(2.12)	0.064	43.13	37	IGN	iShs GS Networking Fd	48.82	-0.02	(0.29)	0.49	5.81	11.97
6	XBI	SPDR S&P Biotech	84.02	0.82	2.63	1.50	-0.98	40.55	38	GLD	SPDR Gold Trust	120.93	-0.17	(0.78)	(1.00)	-0.02	10.48
7	SMH	iShs Vctrs Semiconductor ETF	99.41	-0.84	0.62	(5.22)	-0.39	39.94	39	PPH	anEck Vctr Pharmaceutical ETF	57.69	0.25	0.17	1.14	4.21	9.39
8	IGM	iShs Gold Sach Tech Idx T	168.52	-0.38	0.84	(1.57)	1.45	36.42	40	RWX	SPDR DJ Wilshire Intl Real Est	39.37	-0.04	0.48	0.15	3.14	9.23
9	VGT	Vanguard Info Tech ETF	164.70	-0.31	0.82	(1.65)	1.53	35.81	41	KBE	SPDR S&P Bank ETF	47.65	0.20	(0.61)	5.73	4.01	9.16
10	UYG	Ultra Finl ProShs	126.15	0.76	1.09	6.84	5.95	35.67	42	IAT	iShs US Regional Banks ETF	49.56	0.18	(0.08)	6.42	3.37	8.81
11	IYW	iShs US Tech ETF	162.73	-0.27	0.75	(1.74)	1.37	35.55	43	XLP	S&P Sel Consum Staples Spdr Fu	55.86	-0.19	0.91	2.34	6.46	8.39
12	PBW	PwrShr WilderHill Clean Energy	24.77	-0.16	0.76	(0.88)	1.80	35.43	44	GDX	VanEck Vctrs Gold Miners ETF	22.40	-0.07	(0.13)	(1.58)	-1.27	7.41
13	XLK	S&P Sel Tech Spdr Fd	63.74	-0.10	0.88	(1.02)	1.85	32.01	45	KRE	SPDR S&P Regional Bank	59.52	0.19	(0.86)	6.12	4.11	6.77
14	XHB	SPDR S&P Homebuilders	43.84	0.01	0.59	3.79	6.64	29.48	46	IYR	iShs US R/E ETF	82.05	0.08	0.11	(0.64)	2.76	6.54
15	PPA	PwrShs Aerospace & Defense	53.55	-0.27	1.28	2.51	2.69	28.94	47	ICF	iShs Cohen & Steers REIT ETF	102.470	0.060	0.18	(0.63)	2.801	2.78
16	KCE	SPDR S&P Cap Mkts	56.71	0.07	0.65	3.68	6.29	26.20	48	SLV	iShs Silver Trust	15.43	-0.09	(0.84)	(3.54)	-2.51	2.65
17	IHF	iShs US Hlth Cre Providers ETF	155.20	-1.61	1.87	5.09	5.68	25.17	49	VNQ	Vanguard REIT ETF	84.55	0.16	0.15	(0.66)	2.65	2.25
18	IAI	iShs US Broker-Dealers & Sec	62.00	0.34	0.88	4.35	6.68	24.62	50	RWR	SPDR DJ Wilshire REIT	94.49	0.15	0.24	(0.39)	3.17	1.06
19	XLV	S&P Sel Health Care Spdr Fd	83.51	0.04	0.74	2.08	2.72	21.08	51	XRT	SPDR S&P Retail	43.68	-0.05	(0.48)	5.32	10.76	(0.77)
20	IYG	iShs US Finl Svc ETF	128.72	0.54	0.62	4.66	3.57	20.63	52	USO	United States Oil Fd LP	11.74	0.27	0.00	(2.71)	5.52	(2.13)
21	XLB	S&P Sel Materials Spdr Fd	59.64	0.08	0.55	1.22	1.22	19.84	53	XLE	S&P Sel Energy Spdr Fd	70.02	0.92	1.48	1.80	2.08	(8.26)
22	XLI	S&P Sel Industrial Spdr Fd	74.24	-0.27	1.68	4.34	3.75	19.75	54	IYZ	iShs US Telecom ETF	30.110	-0.030	0.27	3.43	1.311	(12.94)
23	MOO	VanEck Vctrs Agribusiness	61.22	0.02	0.83	0.72	2.02	19.21	55	IYZ	iShs US Telecom ETF	30.110	-0.030	0.27	3.43	1.311	(12.94)
24	IBB	iShs Nasdaq BioTech ETF	105.74	0.49	1.42	1.00	-0.28	18.98	56	SRS	UltraShort Real Estate ProShrs	29.12	-0.09	(0.24)	1.35	-5.22	(18.09)
25	XLY	S&P Sel Consum Discretion'y Sp	96.86	0.21	0.51	2.13	5.08	18.73	57	SZK	UltraShort Cons Gds ProShs	14.11	-0.19	(0.70)	(3.57)	-6.54	(23.53)
26	XLF	S&P Sel Finl Spdr Fd	27.66	0.14	0.65	4.96	3.19	18.37	58	OIH	VanEck Vctrs Oil Svcs ETF	25.27	0.68	1.91	1.49	2.16	(26.27)
27	GEX	VanEck Vctrs Global Alt Energy	59.42	-0.22	0.39	0.91	-4.42	18.15	59	SCC	UltraShort Cons Svcs ProShs	25.54	0.14	(5.31)	(6.34)	-12.08	(28.19)
28	RTH	VanEck Vctrs Retail ETF	89.00	-0.41	0.95	4.24	9.73	17.96	60	SKF	UltraShort Finl ProShare	21.36	-0.14	(1.16)	(6.11)	-5.95	(29.74)
29	BBH	VanEck Vctrs Biotech ETF	126.49	0.69	1.26	1.17	-1.05	16.95	61	SDP	UltraShort Utilities ProShrs	22.30	-0.25	(0.93)	(2.21)	-5.05	(30.32)
30	VFH	Vanguard Finl ETF	69.68	0.30	0.39	4.66	3.37	16.90	62	SIJ	UltraShort Ind ProShs	17.34	0.00	(5.13)	(7.17)	-10.20	(34.44)
31	URE	Ultra Real Estate ProShs	67.09	0.38	0.16	(1.32)	5.39	16.77	63	RXD	UltraShort Hlth Care ProShs	30.05	0.00	(2.70)	(4.60)	-1.44	(35.31)
32	IYF	iShs US Finl ETF	118.77	0.45	0.48	3.29	3.05	16.62	64	FAZ	Finl Bear 3x Shs	12.10	-0.14	(1.80)	(8.93)	-8.66	(43.65)
33	Education	S&P Sel Education Spdr Fd	106.52	0.29	0.81	1.29	2.80	16.53	65	REW	UltraShort Tech ProShs	16.72	0.02	(1.02)	3.28	-2.79	(48.36)
34	Utilities	S&P Sel Utilities Spdr Fd	114.36	0.31	Trade	3.34	2.80	16.53	66	SSG	UltraShort Semic ProShs	10.55	0.24	1.13	1.64	-3.91	(51.91)

Relative Strength Ranks (200)

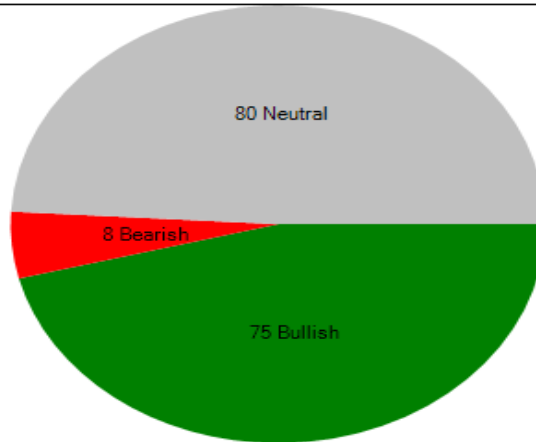
S...	PlotS... Sym	Last	surf.RS.RSR			PlotS... Sym			Last	surf.RS.RSR			PlotS... Sym			Last	surf.RS.RSR																	
			YTD	1M	3M	1YR	YTD	1M		3M	1YR	YTD	1M	3M	1YR		YTD	1M	3M	1YR														
1	ALNY	137.31	100	90	100	42	SINA	96.05	94	7	10	79	83	UBNT	66.84	45	75	74	58	1...	GWPH	122.95	34	92	83	37	1...	MRK	55.71	17	44	8	16	
2	OLED	176.70	100	97	96	100	43	EQIX	469.16	70	42	31	78	84	JNJ	139.98	53	33	50	57	1...	IP	55.63	30	22	34	36	1...	RL	95.25	32	72	51	16
3	MU	42.01	99	16	94	99	44	SWKS	102.23	77	8	22	78	85	KORS	58.19	75	96	96	57	1...	LVS	69.84	71	86	67	36	1...	UAL	62.25	10	74	29	15
4	NVDA	197.65	99	18	80	99	45	FARO	51.45	78	29	98	77	86	AMGN	177.20	49	41	27	56	1...	PANW	144.39	40	24	25	35	1...	X	29.15	9	95	58	15
5	FSLR	60.49	97	85	92	98	46	MSFT	84.37	75	43	76	77	87	SSYS	21.71	54	20	18	56	1...	PG	90.36	33	66	24	35	1...	BWLD	155.50	28	100	100	14
6	SODA	70.36	97	87	80	98	47	CREE	35.66	74	32	97	76	88	AMTD	51.67	46	57	86	55	1...	GS	249.10	29	54	62	34	1...	TSCO	68.16	12	90	77	14
7	ADBE	180.00	96	51	79	97	48	MCHP	87.60	77	11	26	76	89	DECK	74.07	68	81	75	55	1...	MO	68.48	26	71	55	34	1...	ALXN	108.96	12	10	4	13
8	ISRG	396.66	98	69	84	97	49	JBL	28.58	50	40	12	75	90	M5	51.95	52	61	72	54	1...	DAL	52.15	31	62	60	33	1...	AKAM	55.79	8	71	85	12
9	BA	271.44	95	67	73	96	50	TSM	39.70	76	14	49	75	91	WDAY	100.60	85	8	13	54	1...	GLD	121.59	36	37	21	33	1...	SFLY	44.45	14	63	26	12
10	MELI	272.91	94	91	57	96	51	TXN	97.18	73	35	83	74	92	CRAY	22.65	40	82	89	53	1...	BIIB	319.35	34	51	27	32	1...	GPRO	8.51	20	2	17	11
11	FAS	66.15	91	82	94	95	52	WMT	97.20	82	88	90	74	93	SYMC	29.11	53	7	23	53	1...	CRUS	53.16	18	16	11	32	1...	WAGE	64.11	13	36	57	11
12	ILMN	225.24	93	83	58	95	53	KLAC	103.87	70	18	64	73	94	FXI	46.16	69	31	41	52	1...	TARO	106.99	23	17	36	31	1...	CELG	101.67	10	41	3	10
13	AMAT	51.91	93	11	78	94	54	MXIM	51.91	74	28	64	73	95	XLV	83.32	51	54	39	52	1...	ULTI	207.91	39	53	43	31	1...	ESRX	64.41	17	66	41	10
14	TSIA	306.00	81	12	7	94	55	SOHU	46.36	69	2	7	72	96	LOGM	116.70	51	21	29	51	1...	CVX	119.51	26	57	61	30	1...	ULTA	212.50	9	68	19	9
15	AVGO	271.56	90	56	54	93	56	XLK	63.63	68	39	55	72	97	XLU	56.41	45	49	40	51	1...	DIS	105.25	22	76	42	30	1...	WBA	71.45	11	77	9	9
16	RHT	125.15	96	58	81	93	57	IIF	35.46	79	27	33	71	98	SPY	264.69	47	55	49	50	1...	INFY	15.10	28	44	36	29	1...	IMAX	24.55	7	43	91	8
17	ABBV	96.32	91	70	93	92	58	SAP	111.78	67	25	47	71	99	YELP	43.39	43	14	38	50	1...	JNPR	28.47	22	93	39	29	1...	JWN	45.21	19	93	24	8
18	WYNN	158.93	98	76	66	92	59	HON	154.40	73	75	70	70	1...	NOC	299.63	63	45	68	49	1...	GILD	75.40	27	35	11	28	1...	CMG	307.48	8	91	20	7
19	NFLX	186.82	85	17	50	91	60	JAZZ	138.19	60	24	14	70	1...	XLF	27.58	46	59	67	49	1...	UTHR	133.32	16	89	28	28	1...	TGT	59.51	7	38	47	7
20	VMW	124.44	92	62	79	91	61	GOOG	1,010.45	65	30	54	69	1...	FDX	230.84	57	48	52	48	1...	CTRP	46.48	42	21	12	27	1...	RDY	34.68	6	19	30	6
21	DATA	70.32	93	5	22	90	62	IDXX	155.00	71	13	28	69	1...	IFN	27.09	65	22	20	48	1...	UPS	120.31	31	49	45	27	1...	TRIP	34.29	6	10	5	6
22	NTAP	56.41	92	98	97	90	63	AXP	97.84	67	50	74	68	1...	GRMN	61.23	60	78	84	47	1...	OIL	6.27	27	80	93	26	1...	APA	44.22	5	72	69	5
23	AMZN	1,162.35	90	67	86	89	64	QQQ	154.60	66	46	46	68	1...	LULU	67.29	25	80	59	47	1...	WHR	167.06	15	48	21	26	1...	MSTR	135.00	4	47	45	5
24	CAVM	85.41	76	97	95	89	65	INTC	44.68	56	27	92	67	1...	NKE	59.88	44	79	71	46	1...	STX	39.15	21	69	90	25	1...	DDD	8.89	4	1	1	4
25	AAPL	171.15	86	42	44	88	66	YUM	83.40	72	89	59	67	1...	PM	103.45	41	29	9	46	1...	VZ	51.25	18	74	51	25	1...	M	24.25	5	99	73	4
26	ADSK	107.45	81	4	16	87	67	C	75.57	61	55	62	66	1...	LMT	313.40	59	47	42	45	1...	F	12.59	23	50	66	24	1...	FAZ	12.19	3	9	4	3
27	MLNX	61.35	84	100	95	87	68	CTSH	71.36	62	15	31	66	1...	PEP	116.78	38	70	32	45	1...	QCOM	65.49	24	99	91	24	1...	GE	17.90	3	6	2	3
28	CRM	103.68	86	45	56	86	69	BAC	28.15	61	52	82	65	1...	GM	42.78	55	30	77	44	1...	AMBA	62.03	50	84	98	23	1...	JCP	3.35	2	96	6	2
29	FB	175.03	88	23	37	86	70	CME	150.79	72	84	87	65	111	IBB	106.39	47	39	17	44	1...	EXPE	122.70	33	28	6	23	1...	TEVA	15.35	2	87	19	2
30	MA	149.69	82	36	71	85	71	XHB	43.64	64	68	75	64	1...	NXPI	114.78	48	26	37	43	1...	REGN	372.00	21	12	3	22	1...	FOSL	6.69	1	3	5	1
31	SPLK	79.95	89	95	85	85	72	XONE	12.11	55	92	99	64	1...	PCLN	1,735.30	48	9	15	43	1...	URBN	31.32	35	98	99	22	1...	SHLD	3.87	1	1	1	1
32	NTES	323.90	87	94	88	84	73	CTXS	88.35	58	73	72	63	1...	BUD	115.46	37	15	23	42	1...	INCY	97.90	19	4	2	21	1...						
33	SHW	395.07	83	33	78	84	74	LLY	85.32	42	64	48	62	1...	XLI	73.52	49	56	53	42	1...	SBUX	57.32	30	65	44	21							
34	VRSN	114.96	87	73	65	83	75	WDC	79.36	41	6	8	62	1...	PFE	36.35	36	59	52	41	1...	IBM	154.76	16	34	53	20							
35	CAT	141.75	89	65	87	82	76	CHKP	103.97	59	5	16	61	1...	TWTR	20.71	62	34	89	41	1...	TIX	75.00	24	77	43	20							
36	V	110.73	79	37	48	82	77	ORCL	49.61	66	23	25	61	1...	GD	202.64	44	31	35	40	1...	CYBR	46.63	25	83	69	19							
37	CERN	70.17	83	61	40	81	78	COST	185.40	54	94	82	60	1...	MON	118.93	39	26	35	40	1...	XRT	43.52	20	86	61	19							
38	MCD	172.87	84	58	56	81	79	JPM	104.91	52	64	76	60	1...	KO	45.97	35	32	30	39	1...	CBS	57.11	11	46	10	18							
39	BIDU	235.05	80	20	32	80	80	CSCO	37.50	58	85	81	59	1...	OSIS	84.50	37	19	33	39	1...	FFIV	132.71	15	81	68	18							
40	MNST	62.92	78	78	70	80	81	ICE	66.71	64	79	65	59	1...	FEYE	14.10	43	3	18	38	1...	FOX	14.15	29	40	14	17							
41	ATHN	432.66	87	57	50	81	79	ORCL	242.68	63	58	1...	63	58	1...	BMY	63.20	32	52	46	37	1...	XLE	69.87	14	53	60	17						

12/11/17 5:04 PM

RS Ranks Sorted (Alpha)

S...	PlotS...	Last	surI.RS.RSR			PlotS...	S...	Last	surI.RS.RSR			PlotS...	S...	Last	surI.RS.RSR																			
			YTD	1M	3M				1YR	YTD	1M				3M	1YR	YTD	1M	3M	1YR														
1	AAPL	171.05	66	42	44	88	42	CYX	119.51	26	57	61	30	83	IMAX	24.55	7	43	91	8	1...	NVDA	197.60	99	18	80	93	1...	TXN	97.18	73	35	85	74
2	ABBV	95.99	91	70	93	92	43	CYBR	46.63	25	83	69	19	84	INCY	97.90	19	4	2	24	1...	NXPI	114.78	48	26	37	43	1...	UAL	62.25	10	74	29	15
3	ADBE	180.00	96	51	79	97	44	DAL	52.15	31	62	60	33	85	INCY	15.10	28	44	36	29	1...	OIL	6.27	27	80	93	26	1...	UBNT	66.84	45	75	74	58
4	ADSK	107.45	81	4	16	87	45	DATA	70.32	93	5	22	90	86	INTC	44.68	56	27	92	67	1...	OLED	176.70	100	97	96	100	1...	ULTA	212.50	9	68	19	9
5	AKAM	55.79	8	71	85	12	46	DDD	8.89	4	1	1	4	87	IP	55.63	30	22	34	36	1...	ORCL	49.61	66	23	25	61	1...	ULTI	207.91	39	53	43	31
6	ALNY	137.31	100	90	100	100	47	DECK	74.07	68	81	75	55	88	ISRG	396.66	98	69	84	97	1...	OSIS	84.50	37	19	33	39	1...	UPS	120.31	31	49	45	27
7	ALXN	108.96	12	10	4	13	48	DIA	242.63	56	60	63	58	89	JAZZ	138.19	60	24	14	70	1...	PANW	144.39	40	24	25	35	1...	URBN	31.32	35	96	99	22
8	AMAT	51.91	93	11	78	94	49	DIS	105.25	22	76	42	30	90	JBL	28.58	50	40	12	75	1...	PCLN	1,735.30	48	9	15	43	1...	UTHR	133.32	16	89	28	28
9	AMBA	62.03	50	84	90	23	50	EQX	469.16	70	42	31	78	91	JCP	3.35	2	96	6	2	1...	PEP	116.78	38	70	32	45	1...	V	110.73	79	37	48	82
10	AMGN	177.20	49	41	27	56	51	ESRX	64.41	17	66	41	10	92	JNJ	139.98	53	33	50	57	1...	PEE	36.35	36	59	52	41	1...	VMW	124.44	92	62	79	91
11	AMTD	51.67	46	57	86	55	52	EXPE	122.70	33	28	6	23	93	JNPR	28.47	22	93	39	29	1...	PG	90.36	33	66	24	35	1...	VRSN	114.96	87	73	65	83
12	AMZN	1,161.25	90	67	86	89	53	F	12.58	23	50	66	24	94	JPM	104.91	52	64	76	60	1...	PM	103.45	41	29	9	46	1...	VZ	51.25	18	74	51	25
13	APA	44.22	5	72	69	5	54	FARO	51.45	78	29	98	77	95	JWN	45.21	19	93	24	8	1...	QCOM	65.49	24	99	91	24	1...	WAGE	64.11	13	36	57	11
14	ATHN	132.66	57	60	15	79	55	FAS	66.15	91	82	94	95	96	KLAC	103.87	70	18	64	73	1...	QQQ	154.60	66	46	46	68	1...	WBA	71.45	11	77	9	9
15	AVGO	271.56	90	56	54	93	56	FAZ	12.19	3	9	4	3	97	KO	45.97	35	32	30	39	1...	RDY	34.68	6	19	30	6	1...	WDAY	100.60	85	8	13	54
16	AXP	97.84	67	50	74	68	57	FB	175.12	88	23	37	86	88	KORS	58.19	75	96	96	57	1...	REGN	372.00	21	12	3	22	1...	WDC	79.36	41	6	8	62
17	BA	271.44	95	67	73	96	58	FOX	14.15	29	40	14	17	99	LIV	85.32	42	64	48	62	1...	RHT	125.15	96	58	81	93	1...	WHR	167.06	15	48	21	26
18	BAC	28.15	61	52	82	65	59	FDX	230.84	57	48	52	48	1...	LMT	313.40	59	47	42	45	1...	RL	95.25	32	72	51	16	1...	WMT	97.20	82	88	90	74
19	BIDU	235.05	80	20	32	80	60	FEYE	14.10	43	3	18	38	1...	LOGM	116.70	51	21	29	51	1...	SAP	111.78	67	25	47	71	1...	WYNN	158.93	98	76	66	92
20	BBIB	319.35	34	51	27	32	61	FFV	132.71	15	81	68	18	1...	LULU	67.29	25	80	59	47	1...	SBOX	57.32	30	65	44	21	1...	X	29.15	9	95	58	15
21	BMY	63.20	32	52	46	37	62	FOSL	6.69	1	3	5	1	1...	LVS	69.84	71	86	67	36	1...	SFLY	44.45	14	63	26	12	1...	XHB	43.64	64	68	75	64
22	BUID	115.46	37	15	23	42	63	FSLR	60.49	97	85	92	98	1...	M	24.25	5	99	73	4	1...	SHLD	3.87	1	1	1	1	1...	XLE	69.87	14	53	60	17
23	BWLD	155.50	28	100	100	14	64	FXI	46.16	69	31	41	52	1...	MA	149.69	82	36	71	85	1...	SHW	395.07	83	33	70	84	1...	XLF	27.58	46	59	67	49
24	C	75.57	61	55	62	66	65	GD	202.64	44	31	35	40	1...	MCD	172.87	84	58	56	81	1...	SINA	96.05	94	7	10	79	1...	XLI	73.52	49	56	53	42
25	CAT	141.75	89	65	87	82	66	GE	17.90	3	6	2	3	1...	MCHP	87.60	77	11	26	76	1...	SODA	70.36	97	87	80	98	1...	XLK	63.63	68	39	55	72
26	CAVM	85.41	76	97	95	89	67	GILD	75.40	27	35	11	28	1...	MELI	272.91	94	91	57	94	1...	SOHU	46.36	69	2	7	72	1...	XLU	56.41	45	49	40	51
27	CBS	57.11	11	46	10	18	68	GLD	121.59	36	37	21	33	1...	MLNX	61.35	84	100	95	87	1...	SOHU	79.95	89	95	85	85	1...	XLV	83.30	51	54	39	52
28	CELG	101.67	10	41	3	10	69	GM	42.78	55	30	77	44	1...	MNST	62.92	78	78	70	80	1...	SPY	264.69	47	55	49	50	1...	XONE	12.11	55	92	99	64
29	CERN	70.17	83	61	40	81	70	GOOG	1,010.45	65	30	54	69	111	MO	68.48	26	71	55	34	1...	SSYS	21.71	54	20	18	56	1...	XRT	43.52	20	86	61	19
30	CHKP	103.97	59	5	16	61	71	GPRO	8.51	20	2	17	11	1...	MON	118.93	39	26	35	40	1...	STX	39.15	21	69	90	25	1...	YELP	43.39	43	14	38	50
31	CME	150.79	72	84	87	65	72	GRMN	61.23	60	76	84	47	1...	MRK	55.71	17	44	8	16	1...	SWKS	102.23	77	8	22	78	1...	YUM	83.40	72	89	59	67
32	CMG	307.48	8	91	20	7	73	GS	249.10	29	54	62	34	1...	MS	51.95	52	61	72	54	1...	SYMC	29.11	53	7	23	53	1...						
33	COST	185.40	54	94	82	60	74	GWPH	122.95	34	92	83	37	1...	MSFT	84.26	75	43	76	77	1...	TARO	106.99	23	17	36	31							
34	CRAY	22.65	40	82	89	53	75	HON	154.40	73	75	70	70	1...	MSTR	135.00	4	47	45	5	1...	TEVA	15.35	2	87	19	2							
35	CREE	35.66	74	32	97	76	76	IBB	106.39	47	39	17	44	1...	MU	42.01	99	16	94	99	1...	TGT	59.51	7	38	47	7							
36	CRM	103.68	86	45	56	86	77	IBM	154.64	16	34	53	20	1...	MXIM	51.91	74	28	64	73	1...	TJX	75.00	24	77	43	20							
37	CRUS	53.16	18	16	11	32	78	ICE	66.71	64	79	65	59	1...	NFLX	186.82	85	17	50	91	1...	TRIP	34.29	6	10	5	6							
38	CSCO	37.50	58	85	81	59	79	IDXX	155.00	71	13	28	69	1...	NKE	59.88	44	79	71	46	1...	TSCO	68.16	12	90	77	14							
39	CTRP	46.48	42	21	12	27	80	IFN	27.09	65	22	20	48	1...	NOC	299.63	63	45	68	49	1...	TSLA	306.53	81	12	7	94							
40	CTSH	71.36	62	15	31	66	81	IF	35.46	79	27	33	71	1...	NTAP	56.41	92	98	97	90	1...	TSM	39.70	76	14	49	75							
41	CTSI	103.88	39	98	94	83	83	BDVA	205.85	83	58	95	1...	NTES	327.66	87	94	88	84	1...	TWTR	20.71	62	34	89	41								

Bullish/Bearish List



	rmt	PlotSym...	Last	suri.Bull...		rmt	PlotSym...	Last	suri.Bull...		rmt	PlotSym...	Last	suri.Bull...
		Sym		Direc.			Sym		Direc.			Sym		Direc.
1		ALXN	108.96	BEAR	29		CYBR	46.48	BULL	57		NTAP	56.41	BULL
2		AMD	10.73	BEAR	30		DAL	52.06	BULL	58		PEP	116.78	BULL
3		BUD	115.46	BEAR	31		DECK	74.07	BULL	59		PFE	36.35	BULL
4		CHKP	103.97	BEAR	32		DIA	242.63	BULL	60		QCOM	65.49	BULL
5		PCLN	1,735.30	BEAR	33		DIS	105.25	BULL	61		QQQ	154.60	BULL
6		SOHU	46.36	BEAR	34		ESRX	64.41	BULL	62		RL	95.25	BULL
7		TSLA	305.65	BEAR	35		F	12.59	BULL	63		SBUX	57.32	BULL
8		WDC	79.36	BEAR	36		FAS	66.30	BULL	64		SODA	70.36	BULL
9		AKAM	55.79	BULL	37		FDX	230.84	BULL	65		SPLK	79.95	BULL
10		ALNY	137.31	BULL	38		FFIV	132.71	BULL	66		SPY	264.71	BULL
11		AMBA	62.03	BULL	39		GILD	75.40	BULL	67		STX	39.11	BULL
12		AMTD	51.65	BULL	40		GRMN	61.23	BULL	68		TGT	59.51	BULL
13		AMZN	1,162.35	BULL	41		GS	249.10	BULL	69		TSCO	68.16	BULL
14		AVGO	271.56	BULL	42		GWPH	122.95	BULL	70		ULTI	207.91	BULL
15		AXP	97.84	BULL	43		IBM	154.76	BULL	71		UPS	120.31	BULL
16		BA	271.44	BULL	44		ICE	66.71	BULL	72		UTHR	133.32	BULL
17		BAC	28.15	BULL	45		ILMN	225.24	BULL	73		VZ	51.25	BULL
18		BIIB	319.35	BULL	46		IWM	153.05	BULL	74		WMT	97.35	BULL
19		BMJ	63.20	BULL	47		JPM	104.91	BULL	75		WYNN	159.01	BULL
20		BWLD	155.50	BULL	48		KORS	58.19	BULL	76		X	29.15	BULL
21		C	75.51	BULL	49		LLY	85.32	BULL	77		XHB	43.64	BULL
22		CAT	141.75	BULL	50		LULU	67.29	BULL	78		XLE	69.87	BULL
23		CERN	70.17	BULL	51		LVS	69.74	BULL	79		XLFI	27.60	BULL
24		CME	150.79	BULL	52		MCD	172.87	BULL	80		XLI	73.52	BULL
25		COST	185.13	BULL	53		MNST	62.92	BULL	81		XLU	56.41	BULL
26		CSCO	37.60	BULL	54		MO	68.48	BULL	82		XLV	83.30	BULL
27		CTXS	88.35	BULL	55		MS	51.95	BULL	83		XONE	12.11	BULL
28		CVX	119.51	BULL	56		NKE	59.61	BULL	84		XRT	43.52	BULL

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52 Week Highs and Lows

PlotSymbol	Last	52 Wk High	52 Wk L...	PlotSymbol	Last	52 Wk High	52 Wk L...	PlotSymbol	Last	52 Wk High	52 Wk L...	PlotSymbol	Last	52 Wk High	52 Wk L...
AAL	49.18	54.48	39.21	DECK	74.07	75.61	44.00	LLY	85.32	89.09	65.96	SOHU	46.36	70.86	32.60
AAPL	171.14	176.24	108.25	DIA	242.45	243.49	191.43	LMT	313.40	322.19	245.50	SPLK	79.95	84.88	50.64
ADBE	180.00	186.27	98.00	DIS	105.25	116.10	96.20	LOGM	116.70	129.51	90.35	SPY	264.69	266.05	219.26
ADSK	107.45	131.10	68.06	ESRX	64.41	77.25	55.80	LULU	67.29	72.70	47.26	SSYS	21.71	30.88	16.37
AKAM	55.79	71.64	44.65	EXPE	122.70	161.00	111.88	LVS	69.74	69.31	51.35	STX	39.11	50.96	30.60
ALNY	137.31	147.63	35.98	F	12.59	13.27	10.47	M	24.25	43.79	17.41	SWKS	102.23	117.65	71.65
ALXN	108.96	149.34	96.18	FAS	66.15	67.78	36.89	MA	149.69	154.65	99.82	SYMC	29.11	34.20	23.34
AMAT	51.89	60.89	30.06	FAZ	12.19	24.38	11.87	MCD	172.87	173.17	117.71	TARO	106.99	128.46	94.00
AMBA	62.03	65.39	40.06	FB	175.10	184.25	114.30	MCHP	87.60	95.92	60.85	TGT	59.51	78.42	48.56
AMD	10.74	15.65	8.38	FCX	14.13	17.06	10.50	MELI	272.91	297.95	150.29	TJX	75.00	80.92	66.44
AMGN	177.20	191.10	138.83	FDX	230.84	233.89	182.89	MNST	62.92	62.80	41.02	TRIP	34.29	53.58	29.50
AMTD	51.65	51.80	36.12	FFIV	132.71	149.50	114.63	MO	68.48	77.79	60.01	TSCO	68.16	78.25	49.87
AMZN	1,162.35	1,213.41	736.70	FOSL	6.69	35.04	5.50	MON	118.93	122.79	103.08	TSLA	305.60	389.61	180.00
AVGO	271.56	285.68	160.62	FSLR	60.60	63.10	25.56	MRK	55.71	66.80	53.63	TWTR	20.75	22.48	14.12
AXP	97.84	98.49	71.43	FXI	46.16	48.36	33.91	MS	51.95	52.58	40.06	TXN	97.18	99.79	69.92
BA	271.38	277.04	150.02	GD	202.64	214.81	168.00	MSFT	84.26	86.20	58.80	UAL	62.25	83.04	56.51
BAC	28.15	28.72	21.02	GE	17.91	32.38	17.46	MSTR	135.00	207.28	122.90	ULTA	212.60	314.86	187.96
BIDU	235.05	274.97	160.79	GILD	75.40	86.27	63.76	MU	42.01	49.89	18.30	ULTI	207.91	233.42	180.29
BIIB	319.35	348.84	244.28	GLD	121.55	128.32	107.00	MXIM	51.91	55.43	37.32	UPS	120.31	122.00	102.12
BMY	63.20	66.10	46.01	GM	42.79	46.76	31.92	NFLX	186.60	204.38	116.75	UTHR	133.32	169.89	112.01
BUD	115.46	126.50	99.83	GOOG	1,011.89	1,062.38	743.10	NKE	59.61	61.21	50.10	V	110.73	113.62	75.17
BWLD	155.50	175.10	95.00	GPRO	8.51	12.47	7.14	NOC	299.63	309.76	220.72	VMW	124.44	127.60	76.81
C	75.51	76.89	55.23	GRMN	61.23	63.15	47.03	NTAP	56.41	57.75	34.72	VRSN	114.96	118.28	75.71
CAT	141.75	141.33	90.34	GS	249.10	255.15	209.62	NTES	323.90	375.10	211.11	VZ	51.25	54.83	42.80
CBS	57.11	70.10	52.75	GWPH	122.95	136.95	92.65	NVDA	197.65	218.67	85.12	WDAY	100.60	116.89	65.79
CELG	101.67	147.17	94.55	IBB	106.39	114.17	87.22	OLED	177.00	192.75	53.65	WDC	79.36	95.77	60.78
CERN	70.17	73.86	47.01	IBM	154.76	182.79	139.13	ORCL	49.51	53.14	37.64	WMT	97.35	100.13	65.28
CHKP	103.97	119.20	80.78	ICE	66.71	71.80	55.79	PANW	144.39	157.65	107.31	WYNN	159.01	160.00	85.57
CME	150.79	151.85	113.27	IFN	27.09	28.81	20.39	PCLN	1,735.30	2,067.99	459.49	X	29.15	41.83	18.55
CMG	307.59	499.00	263.00	IIF	35.46	36.78	24.55	PEP	116.78	119.39	99.40	XHB	43.64	44.06	33.50
COST	185.13	184.90	143.42	ILMN	225.24	230.72	119.37	PFE	36.35	36.78	30.51	XLE	69.87	78.45	61.80
CREE	35.66	37.50	20.50	IMAX	24.55	34.60	17.58	PG	90.36	94.67	82.07	XLF	27.60	27.88	22.55
CRM	103.68	109.19	66.43	INFY	15.10	16.15	13.42	QCOM	65.49	70.24	48.92	XLI	73.52	74.66	62.02
CSCO	37.60	38.03	29.12	INTC	44.68	47.30	33.23	QQQ	154.60	156.69	115.22	XLK	63.54	64.77	46.37
CTRP	46.48	60.65	39.71	IWM	153.04	154.55	130.52	RDY	34.68	47.75	29.83	XLU	56.41	57.23	46.17
CTSH	71.36	76.51	51.52	JAZZ	138.19	163.75	95.80	RHT	125.15	129.61	68.54	XLV	83.30	84.31	66.13
CTXS	88.35	88.08	67.23	JN1	139.98	144.35	109.32	RL	95.25	110.42	66.06	XONE	12.11	14.43	6.72
CVX	119.51	120.89	102.55	JNPR	28.47	30.96	23.87	SAP	111.78	116.90	81.30	XRT	43.52	48.26	37.72
CYBR	46.48	55.65	39.34	JPM	104.91	106.66	80.90	SBUX	57.32	64.87	50.84	YELP	43.39	48.40	26.93
DAL	52.06	55.75	43.81	KLAC	103.87	110.00	74.66	SHW	395.07	402.30	261.65				
DATA	70.32	82.32	41.41	KO	45.97	47.48	40.19	SINA	96.05	119.20	55.79				
DDOT	8.98	23.70	7.92	KORS	58.19	59.27	32.38	SODA	70.36	70.89	36.00				

D%, W%, M%, YTD%

S...	PlotSym...	Last	suri.Chng%			YTD%	S...	PlotSym...	Last	suri.Chng%			YTD%	S...	PlotSym...	Last	suri.Chng%										
			1D%	W%	M%					1D%	W%	M%					1D%	W%	M%								
1	AAL	49.18	-3.04	0.9	4.7	4.9	43	DECK	74.07	-0.05	1.0	9.5	34.8	85	LLY	83.32	0.80	1.5	4.1	16.0	1...	SOHU	46.36	-4.38	(11.5)	(19.0)	36.8
2	AAPL	171.05	-0.47	(2.2)	1.2	47.7	44	DIA	242.45	-0.16	3.0	3.8	22.8	86	LMT	313.11	-1.77	(0.7)	1.8	25.5	1...	SPLK	79.95	-0.49	(5.2)	18.4	55.8
3	ADBE	180.00	-1.09	(2.7)	2.5	74.4	45	DIS	105.25	0.39	2.5	7.6	1.0	87	LOGM	116.70	-1.97	(2.0)	(3.6)	21.5	1...	SPY	264.71	-0.21	1.6	2.8	18.3
4	ADSK	107.45	-2.47	(17.3)	(14.3)	44.7	46	ESRX	64.41	-1.20	5.3	5.1	(6.4)	88	LULU	67.29	0.39	0.6	9.3	3.4	1...	SSYS	21.71	-0.32	(2.0)	(3.6)	31.3
5	AKAM	55.79	0.02	0.0	6.8	(16.3)	47	EXPE	122.70	0.16	(3.2)	(1.6)	8.3	89	LVS	69.74	0.79	3.2	10.2	30.8	1...	STX	39.11	1.41	(2.9)	5.8	2.5
6	ALNY	137.31	2.02	3.4	12.7	266.7	48	F	12.59	0.48	4.0	2.5	3.7	90	M	24.25	1.61	14.8	28.9	(32.4)	1...	SWKS	102.23	-2.46	(6.9)	(10.2)	36.9
7	ALXN	108.96	-0.78	0.3	(8.9)	(10.9)	49	FAS	66.15	0.39	9.8	9.6	61.7	91	MA	149.69	-0.52	(2.0)	0.6	45.0	1...	SYMC	29.11	0.48	1.9	(10.4)	21.9
8	AMAT	52.24	-1.66	(10.4)	(8.0)	60.9	50	FAZ	12.19	-0.41	(9.3)	(9.4)	(43.9)	92	MCD	172.87	0.52	2.2	3.6	42.0	1...	TARO	106.99	-0.29	(7.3)	(4.8)	1.6
9	AMBA	62.03	12.51	6.1	9.9	14.6	51	FB	175.10	-1.19	(4.2)	(2.8)	52.2	93	MCHP	87.60	0.01	(4.4)	(8.2)	35.6	1...	TGT	59.51	-0.66	6.5	0.8	(17.6)
10	AMD	10.73	-1.49	(5.7)	(2.3)	(5.4)	52	FCX	14.13	1.42	(1.6)	1.0	7.1	94	MELI	272.91	-0.82	0.6	13.6	74.8	1...	TJX	75.00	-0.27	6.3	8.0	0.3
11	AMGN	177.20	0.87	4.2	1.1	21.2	53	FDX	230.84	-0.27	6.4	2.2	24.0	95	MNST	62.92	0.40	1.9	8.6	41.9	1...	TRIP	34.29	-0.96	0.4	(8.6)	(26.1)
12	AMTD	51.65	0.97	5.2	3.4	18.5	54	FFIV	132.71	-1.12	7.7	9.4	(8.3)	96	MO	68.48	1.09	4.7	6.8	1.4	1...	TSCO	68.16	-0.12	6.0	13.1	(10.1)
13	AMZN	162.35	-1.24	(2.0)	5.2	55.0	55	FOSL	6.69	-5.83	(11.2)	(15.1)	(74.1)	97	MON	118.93	0.50	0.7	(1.8)	13.0	1...	TSLA	306.53	-0.76	(2.9)	(7.5)	43.4
14	AVGO	271.56	-2.35	(3.8)	2.9	53.6	56	FSLR	60.60	-0.79	(4.4)	(0.3)	32.0	98	MRK	55.71	1.07	2.8	1.4	(5.1)	1...	TWTR	20.71	0.63	(7.6)	(0.4)	27.1
15	AXP	97.84	0.15	4.7	2.4	32.1	57	PXI	46.16	-0.79	(4.4)	(0.3)	32.0	99	MS	51.95	0.65	5.9	3.9	23.0	1...	TXN	97.18	-0.11	(2.1)	0.5	33.2
16	BA	271.38	-2.00	2.1	5.2	74.3	58	GD	202.64	-2.24	1.3	(0.2)	17.4	1...	MSFT	84.26	0.11	1.2	1.3	35.6	1...	UAL	62.25	-1.20	5.3	7.0	(14.1)
17	BAC	28.15	-0.25	5.7	2.6	27.1	59	GE	17.91	-2.29	(1.7)	(11.3)	(43.4)	1...	MSTR	135.00	-1.30	(1.8)	2.1	(31.6)	1...	ULTA	212.60	-4.29	1.1	5.3	(16.6)
18	BIDU	235.07	-1.49	(5.8)	(3.6)	43.0	60	GILD	75.40	0.74	4.0	0.5	5.2	1...	MU	42.01	-0.95	(15.5)	(5.2)	91.6	1...	ULTI	207.91	-1.50	4.1	2.6	14.0
19	BIIB	319.35	-0.88	3.4	2.5	12.6	61	GLD	121.52	0.40	(0.6)	0.8	10.9	1...	MXIM	51.91	-0.81	(3.6)	(1.2)	34.6	1...	UPS	120.31	-0.95	6.3	2.4	4.9
20	BMY	63.00	0.08	2.9	2.6	8.2	62	GM	42.79	-0.70	(3.8)	(0.4)	22.8	1...	NFLX	186.82	-0.41	(4.6)	(4.9)	50.9	1...	V	110.73	-1.68	(1.1)	0.7	41.9
21	BUD	115.46	0.84	(1.8)	(6.0)	9.5	63	GOOG	011.89	-1.11	(2.9)	(0.6)	30.9	1...	NKE	59.61	-0.50	0.9	8.9	17.8	1...	WDC	79.36	0.63	(14.5)	(11.1)	16.8
22	BWLD	155.50	-0.29	6.6	31.6	0.7	64	GPRO	8.51	-0.35	(0.8)	(18.4)	(2.3)	1...	NOC	300.02	-2.59	(1.0)	1.4	28.8	1...	WMT	97.20	0.12	0.8	11.5	40.8
23	C	75.62	0.01	4.8	2.7	27.1	65	GRMN	61.23	-1.39	(0.9)	8.2	26.3	1...	NTAP	56.41	-0.18	0.0	27.0	59.9	1...	WYNN	159.01	0.58	(0.3)	7.8	83.8
24	CAT	141.75	0.26	3.0	4.2	52.6	66	GS	249.25	0.53	5.5	2.7	4.0	1...	NTES	323.90	-1.49	(5.9)	14.9	50.4	1...	X	29.15	1.30	0.3	15.7	(11.2)
25	CBS	57.11	1.84	1.0	1.8	(10.2)	67	GWPH	122.95	-1.25	(4.1)	13.9	10.0	1...	NVDA	197.70	-1.53	(8.9)	(4.4)	85.2	1...	WDAY	100.60	-2.47	(13.4)	(9.4)	52.1
26	CELG	101.67	1.28	(2.3)	1.2	(11.8)	68	IBB	105.70	0.43	1.4	0.9	19.5	1...	OLED	177.00	-2.43	(7.5)	20.6	213.9	1...	WDC	79.36	0.63	(14.5)	(11.1)	16.8
27	CERN	70.17	-0.74	(0.6)	3.9	48.1	69	IBM	154.76	0.48	1.9	0.4	(6.8)	111	ORCL	49.51	1.11	1.2	(2.5)	29.0	1...	WMT	97.20	0.12	0.8	11.5	40.8
28	CHKP	103.97	0.01	0.3	(11.4)	23.5	70	ICE	66.71	0.86	6.3	9.0	27.7	1...	PANW	144.39	-1.38	(4.6)	(2.3)	15.0	1...	WYNN	159.01	0.58	(0.3)	7.8	83.8
29	CME	150.79	0.83	6.3	9.9	30.7	71	IFN	27.09	-0.89	(1.3)	(2.8)	26.6	1...	PCLN	735.30	-0.25	(1.3)	(9.2)	18.4	1...	X	29.15	1.30	0.3	15.7	(11.2)
30	CMG	307.59	1.04	10.1	13.1	(18.5)	72	IIF	35.46	-1.21	(1.4)	(1.8)	38.4	1...	PEP	116.78	0.20	0.7	5.9	11.6	1...	XHB	43.64	-0.44	3.3	5.5	28.9
31	COST	185.13	0.38	7.9	14.9	20.9	73	ILMN	225.24	-2.13	4.8	9.8	75.9	1...	PFE	36.35	0.25	2.4	3.7	11.9	1...	XLE	69.87	0.83	2.7	2.6	(7.5)
32	CREE	35.66	0.34	(3.0)	(0.1)	35.1	74	IMAX	24.55	-3.46	(0.8)	1.2	(21.8)	1...	PG	90.36	0.41	2.2	4.7	7.5	1...	XLF	27.59	0.22	5.2	3.7	18.6
33	CRM	103.68	-0.47	(3.1)	1.5	51.7	75	INCY	15.10	-3.32	(3.5)	1.4	1.6	1...	QCOM	65.49	-1.30	(5.0)	28.4	0.4	1...	XLI	73.52	-1.25	3.1	2.9	18.3
34	CSCO	37.60	0.80	3.0	10.1	24.4	76	INTC	44.58	-0.36	(0.2)	(1.8)	23.2	1...	QQQ	154.60	-0.43	(1.1)	1.5	30.4	1...	XLK	63.54	-0.52	(1.5)	0.9	31.3
35	CTRP	46.48	0.52	(2.8)	(3.3)	15.8	77	IWM	153.07	-0.43	1.4	2.5	13.5	1...	RDY	34.68	-0.66	(1.9)	(4.3)	(23.2)	1...	XLU	56.41	-0.34	0.9	2.3	16.1
36	CTSH	71.36	-1.29	(1.3)	(5.7)	27.4	78	JAZZ	138.19	-1.12	(0.4)	(2.4)	26.7	1...	RHT	125.15	-1.20	(2.4)	3.7	79.7	1...	XLV	83.30	-0.20	1.9	2.7	20.8
37	CTXS	88.35	0.81	2.4	6.9	24.2	79	JN1	139.98	0.46	1.4	0.4	21.5	1...	RL	95.25	0.47	4.6	6.9	5.8	1...	XONE	12.11	-0.66	3.5	13.9	29.7
38	CVX	119.51	0.44	2.6	3.1	1.5	80	JNPR	28.47	2.18	3.8	14.3	0.4	1...	SAP	111.78	-1.40	(4.0)	(2.1)	29.3	1...	XRT	43.52	-0.48	4.8	10.2	(1.2)
39	CYBR	46.48	-1.25	(1.0)	9.7	2.2	81	JPM	104.88	0.26	6.6	4.2	21.4	1...	SBUX	57.32	-0.87	0.9	4.5	3.2	1...	XRP	43.39	-1.50	(7.8)	(6.1)	15.1
40	DAL	52.06	-1.65	3.9	4.1	5.8	82	KLAC	103.87	1.57	(1.1)	(4.6)	32.0	1...	SHW	395.07	-1.10	0.3	0.0	47.0	1...	YELP	43.39	-1.50	(7.8)	(6.1)	15.1
41	DATA	70.32	0.03	0.4	(13.3)	66.8	83	KO	45.97	0.44	0.2	0.0	10.9	1...	SINA	96.05	-2.07	(12.3)	(11.0)	70.7	1...						
42	DD	8.88	1.67	4.1	(27.5)	(32.4)	84	Trade	SKOR	58.19	-0.79	2.4	18.8	34.9	1...	SODA	70.36	-0.03	5.8	10.5	78.3	1...					

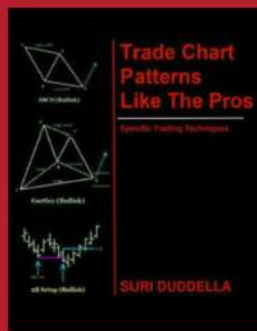
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Trading Parabolic Arc Patterns

by Suri Duddella

Parabolic Arc chart patterns form when a steep rise in prices caused by irrational buying and intense speculation. Parabolic Arc patterns are rare, but they are reliable and are generated in mega bull trends. These patterns trend gradually making higher highs and lower lows in the beginning stages but can be volatile in the exhaustion and reversal stages. Irrational buying in the public generates a strong rally to push prices vertically, followed by a steep sell-off. Examples of this market types are the NASDAQ bullish markets during 1990-2000 (retraced 80%) and Gold prices from 2000-2011 (retraced 62%).

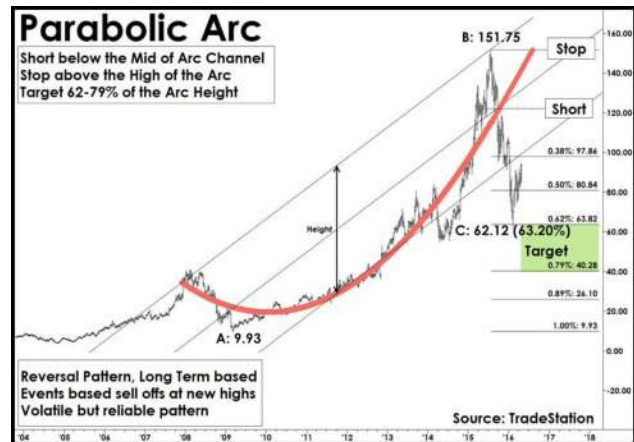
Parabolic Arc is a reversal pattern and has a very predictable outcome. Although these patterns are predictable, they are relatively difficult to trade since the market sentiment is bullish and may be fairly tough to point reversals to trade. Most Parabolic Arc patterns have a significant correction of 62-79% of its price rise (from the top).

Psychology behind Parabolic Arc Patterns

Parabolic Arc patterns consist of both panic buying and panic selling scenarios. As a stock breaks out and starts to rise investors tend to feel its rising cycle is never going to end and build confidence based on hysteria. This misjudgment provides a blind faith in investors as the stock chart takes exponential curve based structure. In the state of rising parabolic arc, the price continues to rise without a pause and (or) with series of upside gaps. The stock price itself could multiply double or triple or quadruple in this process every year.

In its last stage, parabolic arcs move vertically as panic buying (climactic buy) in an absence of sellers on some unfounded expectations/news/events. Most of this climactic buy is driven by momentum and amateur traders, in fear of being left behind. Finally, the reality sets in with some

negative event or unfavorable news, and it takes out the buyers, this creates Panic Selling. The prices reverse dramatically with large ranges as the initial buyers take profits. The traders who bought at the top also start to sell on panic. Hence, in most cases, Parabolic Arcs are great



trades after it reaches its panic buying.

Trading Parabolic Arc Patterns

Trade: In Parabolic Arc patterns, prices move up vertically and eventually the acceleration comes to a stop and then reverses. Prices start showing lower-lows and may attempt to regain the top again. Draw a channel connecting the top and bottom of the pattern. Enter a "short" trade at the breakdown of the channel trend line connecting the pattern high and pattern lows.

Target: Measure the distance of the rise from the base to the top of the pattern. Most Parabolic Arc patterns return to the 62-79% of its rise. 50% is the first target.

Examples

The following chart shows the Parabolic Arc pattern formation in current USDCAD (weekly) from 2012 to 2016. Here are some of the key points and how it is traded.

Trading Parabolic Arcs

Parabolic Arc patterns are not quite easy to trade. As they are really long-term patterns (years to decades) and there is a fear associated with trading them. I consider these patterns only for shorting rather than trading upside. When prices are rising, there is a fear associated with shorting as prices can rise asymptotically for extended periods of time.

We have built proprietary algorithms to detect these patterns and built various trading theories on how to trade them. Most Parabolic arc patterns do return to 50-62% of its prior rise. Here are some examples.

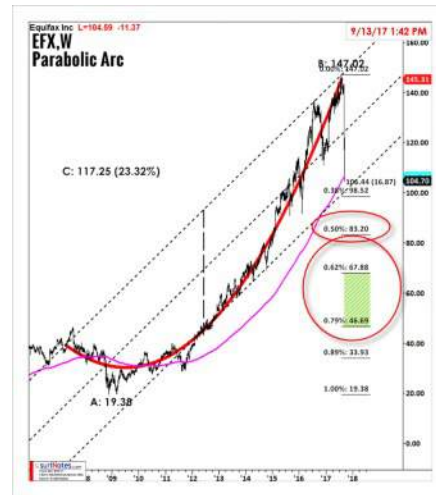


The above chart shows CMG chart and its trade. CMG traded in Parabolic Arc from 2008 to 2017 from a low of \$36 to a high of \$758. Once Parabolic Arc is completed, a short trade signal is given below \$630 with a price target between \$311 to \$397.

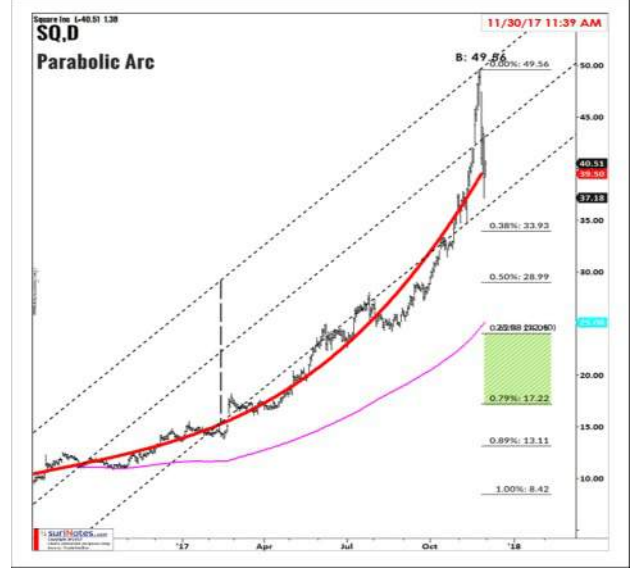
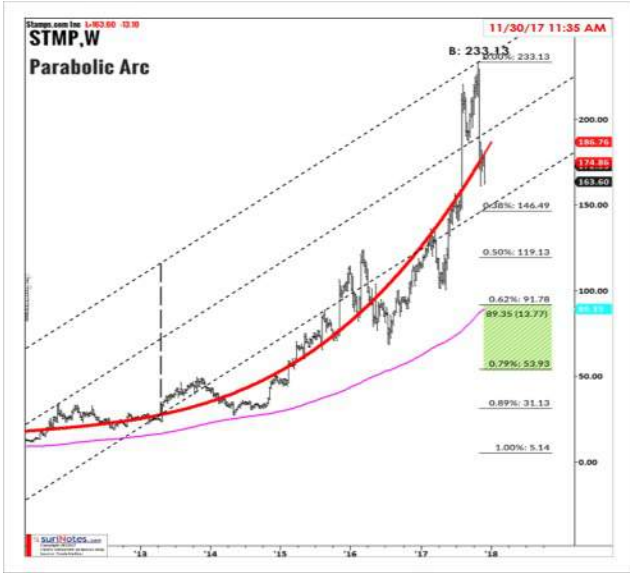
EXAMPLES

Following chart shows current EFX Parabolic Arc.

-



Current Examples



Plato Algo. Performance Report (12/01/17)

Short/Medium Term, Not for Sale or Lease.

	Symbol	Last	suri.Plato					
			Long Date	Num Days	Long Entrv	Stop	PL Pts	PL %
1	PLATO ALGO							
2	ADBE	180.00	01/06/2017	235	108.53	155.7	70.99	65.4
3	ADSK	107.45	12/09/2016	255	83.18	111.1	23.88	28.7
4	AMGN	177.20						
5	AMZN	1,162.35	10/27/2017	25	1,105.68	1,000.3	56.67	5.1
6	AVGO	271.56	04/21/2017	160	219.22	244.5	52.34	23.9
7	AXP(D)	97.84	06/09/2017	125	80.83	88.0	17.03	21.1
8	BA(D)	271.38	10/21/2016	290	137.05	239.5	134.33	98.0
9	BABA(D)	174.61	01/27/2017	220	104.67	163.3	69.94	66.8
10	BIDU	235.07	05/12/2017	145	188.08	221.5	46.99	25.0
11	BIIB	319.35	06/23/2017	115	284.56	297.5	34.79	12.2
12	C(D)	75.62	08/05/2016	345	45.83	68.4	29.68	64.8
13	CELG	101.67						
14	CMG(D)	307.59						
15	CVX(D)	119.51	03/11/2016	450	96.24	111.4	23.27	24.2
16	EBAY	35.20						
17	FB	175.10	01/13/2017	230	129.37	166.6	45.73	35.3
18	FDX(D)	230.84	06/02/2017	130	204.99	212.1	25.86	12.6
19	GLD(D)	121.52	08/11/2017	80	122.93	120.3	-1.33	(1.1)
20	GOOG	1,011.89	09/29/2017	45	959.89	950.6	50.28	5.2
21	GS(D)	249.25	09/22/2017	50	232.20	229.0	16.75	7.2
22	HD(D)	180.12	09/08/2017	60	160.79	157.6	19.63	12.2
23	IBM(D)	154.76	10/20/2017	30	162.58	148.2	-7.86	(4.8)
24	INTC	44.58	08/04/2017	85	36.77	38.9	7.91	21.5
25	JPM(D)	104.79	06/30/2017	110	92.75	93.2	12.04	13.0
26	MA(D)	149.69	08/05/2016	345	97.04	137.3	52.65	54.3
27	MCD(D)	172.87	11/18/2016	270	120.34	157.7	52.53	43.7
28	MS(D)	51.95	09/22/2017	50	48.59	46.5	3.36	6.9
29	MSFT	84.29	07/22/2016	355	56.94	75.7	27.32	48.0
30	NFLX	186.69	12/02/2016	260	121.08	177.0	65.74	54.3
31	NVDA	197.50	05/12/2017	145	130.53	174.2	67.15	51.4
32	ORCL(D)	49.51	12/09/2016	255	40.87	47.9	8.74	21.4
33	QQQ	154.65	01/06/2017	235	122.35	145.0	32.14	26.3
34	SPY(D)	264.73	11/11/2016	275	218.41	249.5	46.05	21.1
35	TSLA	306.53						
36	V(D)	110.73	01/06/2017	235	82.59	103.4	28.10	34.0
37	VRSN	114.96	10/28/2016	285	87.08	103.1	27.88	32.0
38	WMT(D)	97.20	02/24/2017	200	72.90	82.3	24.45	33.5
39	WYNN	159.01	01/27/2017	220	104.15	138.3	54.86	52.7
40	XLK(D)	63.54	11/25/2016	265	48.17	59.0	15.34	31.8

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Monty Algo. Performance (12/01/2017)

Long Term, NOT for Lease or Sale

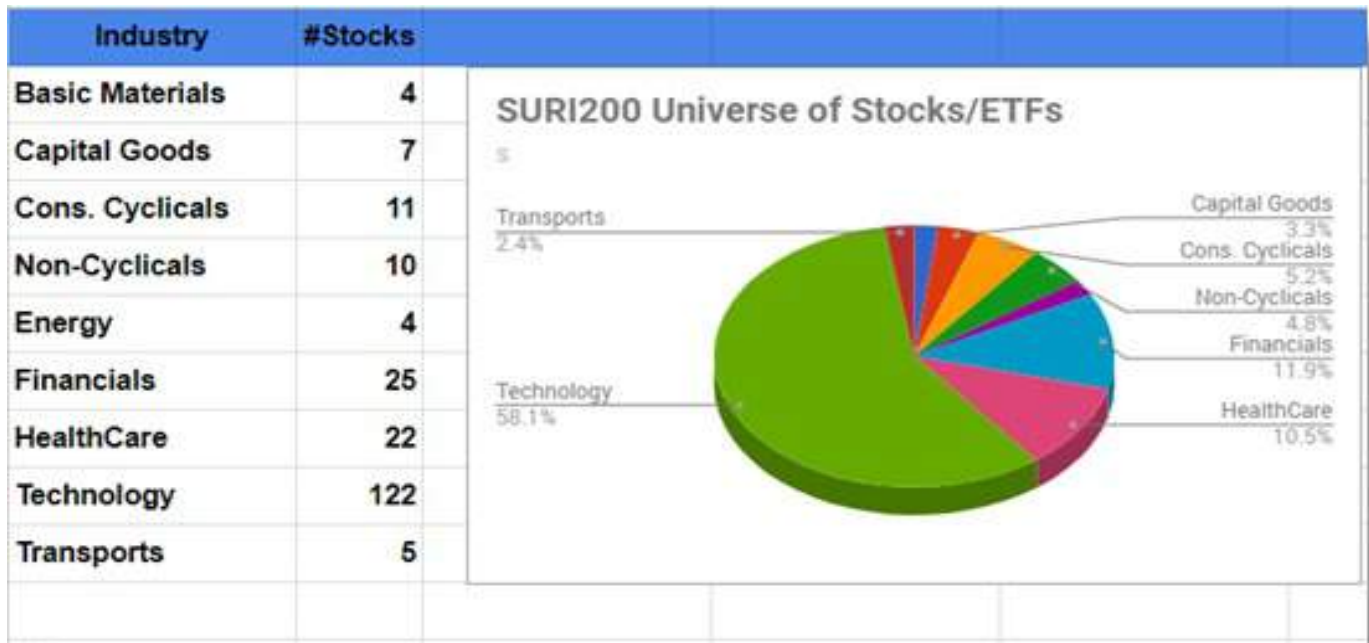
	Symbol	Last	suri.Monty2					
			Trend	Days	Signal Date	Signal	TrailStop	PL%
1	NVDA	197.68	Bullish	1,676	04/30/2013	Long above 14	140.56	1,333.64
2	AVGO	271.56	Bullish	1,523	09/30/2013	Long above 44	225.68	531.68
3	ADBE	180.00	Bullish	2,102	02/29/2012	Long above 34	137.48	433.74
4	COST	185.13	Bullish	2,619	09/30/2010	Long above 47	154.84	292.40
5	AMZN	1,162.35	Bullish	1,036	01/30/2015	Long above 360	919.97	226.88
6	V(D)	110.73	Bullish	1,796	12/31/2012	Long above 39	95.35	188.69
7	NFLX	186.69	Bullish	1,036	01/30/2015	Long above 66	158.44	184.21
8	QQQ	154.65	Bullish	2,131	01/31/2012	Long above 61	137.22	154.34
9	FB	175.10	Bullish	1,036	01/30/2015	Long above 80	153.49	121.47
10	BABA(D)	174.90	Bullish	581	04/29/2016	Long above 82	137.77	115.95
11	BA(D)	271.38	Bullish	396	10/31/2016	Long above 147	207.42	88.30
12	ADSK	107.45	Bullish	457	08/31/2016	Long above 70	98.63	56.71
13	MS(D)	51.95	Bullish	457	08/31/2016	Long above 33	43.40	56.39
14	JPM(D)	104.79	Bullish	457	08/31/2016	Long above 68	87.44	53.71
15	MSFT	84.29	Bullish	763	10/30/2015	Long above 55	69.80	53.04
16	GOOG	1,011.89	Bullish	854	07/31/2015	Long above 679	894.80	50.43
17	C(D)	75.62	Bullish	396	10/31/2016	Long above 51	63.62	48.04
18	MA(D)	149.69	Bullish	427	09/30/2016	Long above 103	123.63	46.09
19	XLK(D)	63.54	Bullish	763	10/30/2015	Long above 45	55.26	41.87
20	FDX(D)	230.84	Bullish	610	03/31/2016	Long above 165	201.35	40.28
21	MCD(D)	172.87	Bullish	304	01/31/2017	Long above 124	145.87	38.69
22	GS(D)	249.25	Bullish	396	10/31/2016	Long above 179	217.64	38.35
23	WYNN	159.01	Bullish	245	03/31/2017	Long above 117	124.99	35.11
24	VRSN	114.96	Bullish	276	02/28/2017	Long above 86	94.35	33.84
25	AXP(D)	97.84	Bullish	366	11/30/2016	Long above 74	81.76	32.04
26	HD(D)	180.12	Bullish	336	12/30/2016	Long above 138	148.78	30.30
27	WMT(D)	97.20	Bullish	217	04/28/2017	Long above 76	75.61	27.93
28	BIDU	235.07	Bullish	217	04/28/2017	Long above 189	199.86	26.23
29	SPY(D)	264.73	Bullish	549	05/31/2016	Long above 211	240.21	25.60
30	ORCL(D)	49.51	Bullish	549	05/31/2016	Long above 41	45.89	19.66
31	TSLA	306.53	Bullish	304	01/31/2017	Long above 259	291.78	19.25
32	INTC	44.58	Bullish	63	09/29/2017	Long above 39	35.56	14.97
33	CMG(D)	307.59	Bearish	123	07/31/2017	Short below 336	380.49	9.41
34	EBAY	35.20	Bullish	490	07/29/2016	Long above 32	33.64	8.34
35	BIIB	319.35	Bullish	92	08/31/2017	Long above 317	282.95	1.63
36	CELG	101.67	Bearish	31	10/31/2017	Short below 94	114.67	0.00
37	CVX(D)	119.51	Bullish	63	09/29/2017	Long above 119	107.37	-0.01
38	AMGN	177.20	Bullish	276	02/28/2017	Long above 179	163.88	-1.87
39	IBM(D)	154.76	Bearish	184	05/31/2017	Short below 149	160.07	-3.34
40	GLD(D)	121.52	Bullish	92	08/31/2017	Long above 126	118.21	-3.89
41								
42								
43								

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Symbols Universe



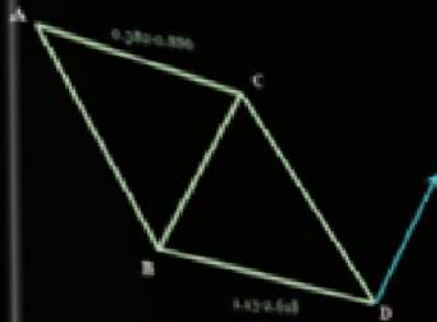
Symbol Universe of Stocks/ETFs



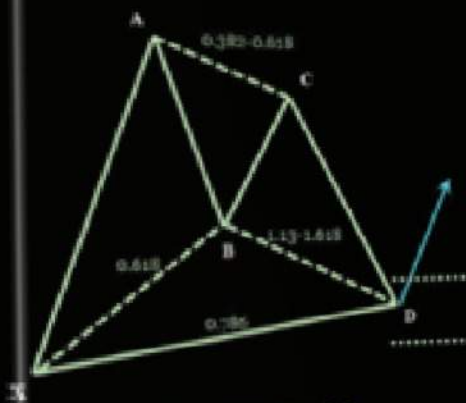
Symbols Universe

S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector
1	Equities/ETFs	47	IBB	Financial	93	IMAX	Services	139	DDD	Technology	185	UBNT	Technology	
2	FCX	48	ICE	Financial	94	JCP	Services	140	EQIX	Technology	186	ULTI	Technology	
3	IP	49	IFN	Financial	95	JWN	Services	141	FARO	Technology	187	VMW	Technology	
4	SHW	50	IIF	Financial	96	LULU	Services	142	FB	Technology	188	VRSN	Technology	
5	X	51	JPM	Financial	97	LVS	Services	143	FEYE	Technology	189	WDAY	Technology	
6	BA	52	MA	Financial	98	M	Services	144	FFIV	Technology	190	WDC	Technology	
7	CAT	53	MS	Financial	99	MCD	Services	145	FSLR	Technology	191	XONE	Technology	
8	GD	54	QQQ	Financial	100	NFLX	Services	146	GOOG	Technology	192	AAL	Transportation	
9	GE	55	SPY	Financial	101	NTES	Services	147	GRMN	Technology	193	DAL	Transportation	
10	HON	56	XHB	Financial	102	PCLN	Services	148	IBM	Technology	194	FDX	Transportation	
11	LMT	57	XLI	Financial	103	SBUX	Services	149	ILMN	Technology	195	UAL	Transportation	
12	XLF	58	XLK	Financial	104	SHLD	Services	150	INFY	Technology	196	UPS	Transportation	
13	COH	59	XLU	Financial	105	TGT	Services	151	INTC	Technology	197	OIL	Transportation	
14	DECK	60	XLV	Financial	106	TJX	Services	152	JBL	Technology	198	SODA		
15	F	61	XRT	Financial	107	TRIP	Services	153	JNPR	Technology	199	XLE		
16	FOSL	62	ABBV	Healthcare	108	ULTA	Services	154	KLAC	Technology	200	Futures	Basic Materials	
17	GM	63	ALNY	Healthcare	109	URBN	Services	155	LOGM	Technology	201	@CC	Energy	
18	GPRO	64	ALXN	Healthcare	110	V	Services	156	MCHP	Technology	202	@BP	Financial	
19	KORS	65	AMGN	Healthcare	111	VZ	Services	157	MELI	Technology	203	@C	Financial	
20	NKE	66	BIIB	Healthcare	112	WAGE	Services	158	MLNX	Technology	204	@LC	Financial	
21	RL	67	BMY	Healthcare	113	WBA	Services	159	MSFT	Technology	205	@NQ	Technology	
22	SFLY	68	CELG	Healthcare	114	WMT	Services	160	MSTR	Technology	206	@ES	Utilities	
23	TSLA	69	GILD	Healthcare	115	WYNN	Services	161	MU	Technology	207	@CD		
24	WHR	70	GWPH	Healthcare	116	YELP	Services	162	MXIM	Technology	208	@DX		
25	BUD	71	IDXX	Healthcare	117	YUM	Services	163	NOC	Technology	209	@EC		
26	KO	72	INCY	Healthcare	118	AAPL	Technology	164	NTAP	Technology	210	@FC		
27	MNST	73	ISRG	Healthcare	119	ADBE	Technology	165	NVDA	Technology	211	@GC		
28	MO	74	JAZZ	Healthcare	120	ADSK	Technology	166	NXPI	Technology	212	@GC		
29	MON	75	JNJ	Healthcare	121	AKAM	Technology	167	OLED	Technology	213	@HG		
30	PEP	76	LLY	Healthcare	122	AMAT	Technology	168	ORCL	Technology	214	@JY		
31	PG	77	MRK	Healthcare	123	AMBA	Technology	169	OSIS	Technology	215	@KC		
32	PM	78	PFE	Healthcare	124	ATHN	Technology	170	PANW	Technology	216	@NK		
33	TSCO	79	RDY	Healthcare	125	AVGO	Technology	171	QCOM	Technology	217	@QM		
34	APA	80	REGN	Healthcare	126	BIDU	Technology	172	QRVO	Technology	218	@RR		
35	CVX	81	TARO	Healthcare	127	CAVM	Technology	173	RHT	Technology	219	@RTY		
36	AMTD	82	TEVA	Healthcare	128	CERN	Technology	174	SAP	Technology	220	@SF		
37	AXP	83	UTRH	Healthcare	129	CHKP	Technology	175	SINA	Technology	221	@SI		
38	BAC	84	AMZN	Services	130	CRAY	Technology	176	SOHU	Technology	222	@TF		
39	C	85	BWLD	Services	131	CREE	Technology	177	SPLK	Technology	223	FX		
40	CME	86	CBS	Services	132	CRM	Technology	178	SSYS	Technology	224	EURUSD		
41	DIA	87	CMG	Services	133	CRUS	Technology	179	STX	Technology	225	GBPUSD		
42	FAS	88	COST	Services	134	CSCO	Technology	180	SWKS	Technology	226	NZDUSD		
43	FAZ	89	CTRP	Services	135	CTSH	Technology	181	SYMC	Technology	227	USDCHF		
44	FXI	90	DIS	Services	136	CTXS	Technology	182	TSM	Technology	228	USDJPY		
45	GLD	91	ESRX	Services	137	CYBR	Technology	183	TWTR	Technology	229			
46	GS	92	EXPE	Services	138	DATA	Technology	184	TXN	Technology				

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