

Chart Patterns & Algo. Trader

A Weekly Magazine

Trading Megaphone Patterns

- Daily/Weekly/Monthly Analysis
- Auto Generated Chart Patterns/Analysis
- Algorithmic Trading Analysis/Results
- Relative Strength Ranks

Semiconductors

&

Networking Stocks

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Market Quotes

“All through time, people have basically acted and re-acted the same way in the market as a result of: greed, fear, ignorance, and hope. That is why the numerical formations and patterns recur on a constant basis.”

- Jesse Livermore

“To win, you need clarity”

- Anonymous

“Never Lie, Never Cheat, Never Steal, Never Whine, Never Complain, Never make excuses -- That is when you will find Success”

- John Wooden

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Major Markets

Major Markets

	Symbol	Last	Net Chg	suri.Chg%			
				1D%	W%	M%	YTD%
1	\$COMPX	6,750.94	0.89	0.01	(0.20)	2.23	25.41
2	\$INDU	23,422.21	-39.73	(0.17)	(0.50)	2.40	18.52
3	\$SPX.X	2,582.30	-2.32	(0.09)	(0.21)	1.06	15.34
4	@GC(D)	1,276.2	-11.3	0.30	1.44	-0.5	10.32
5	@RTY	1,473.80	-3.70	(0.34)	(1.16)	-2.15	9.02
6	\$TRAN	9,501.36	-16.14	(0.17)	(2.60)	-4.76	5.06
7	@US(D)	152 6/32	-1 22/32	(0.30)	0.14	29/32	4.74
8	@SI(D)	16.890	-0.085	(0.96)	0.84	-1.348	4.29
9	@TY(D)	124'21.5	-0'16.5	(0.05)	0.02	-0'02.0	1.65
10	@QM(D)	56.850	-0.325	0.66	2.74	11.779	(0.61)

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Major Indexes %Chg YTD



SPX AB=CD Bear Pattern



Reviewed in CPAT 10/16/17

SPX (Daily) is trading in AB=CD Bearish pattern. Pattern completion zone is 2592-2641.

\$INDU Double Bottom Pattern



Dow Jones Industrials (\$INDU) is continuing in Double Bottom pattern with a strong eSix trend.

@RTY Regression Channel



@RTY (Russell 2000 Index, Weekly) Regression Channel and eSix Trend.

Gold Futures ABC Bullish Pattern



Reviewed in CPAT 09/18/17

Gold Futures @GC (W) is trading in ABC Bullish Pattern. Long Entry above 1203.3, Stop below 1139.6 (-63.7), Target1 Zone: 1342 to 1397, 1467, Target2 Zone: 1556 to 1670

@QM Inv. H&S Pattern

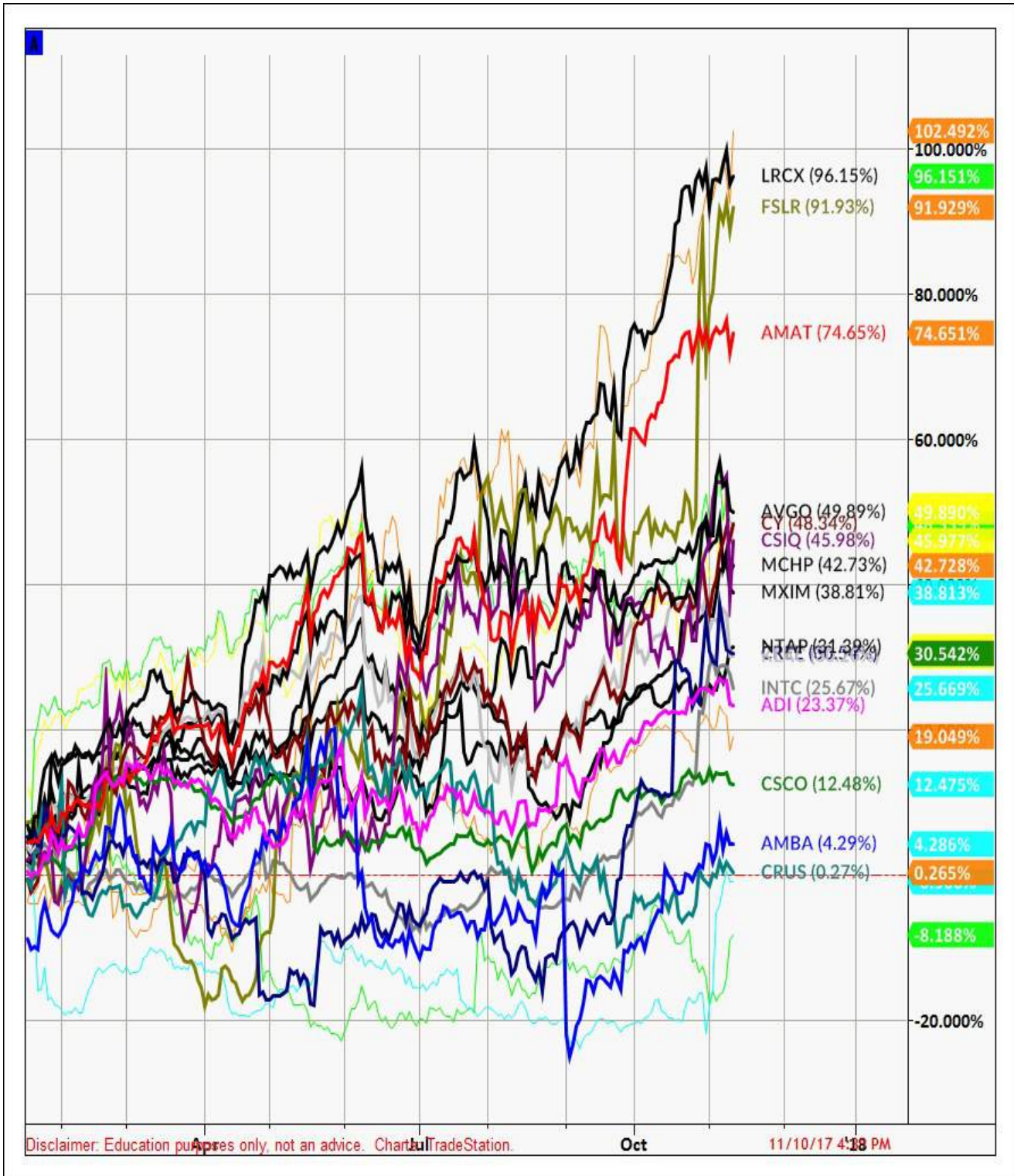


Reviewed in CPAT 09/25/17

@QM (D) is trading in Inv. H&S Pattern. Long entry above 51.375, Stop below 48.875 (2.500), Target1 Zone: 56.44 to 57.82, Target2 Zone: 61.79 to 64.66

**Semiconductor
&
Networking Stocks**

Semiconductor & Networking Stocks



Semiconductor & Networking Stocks

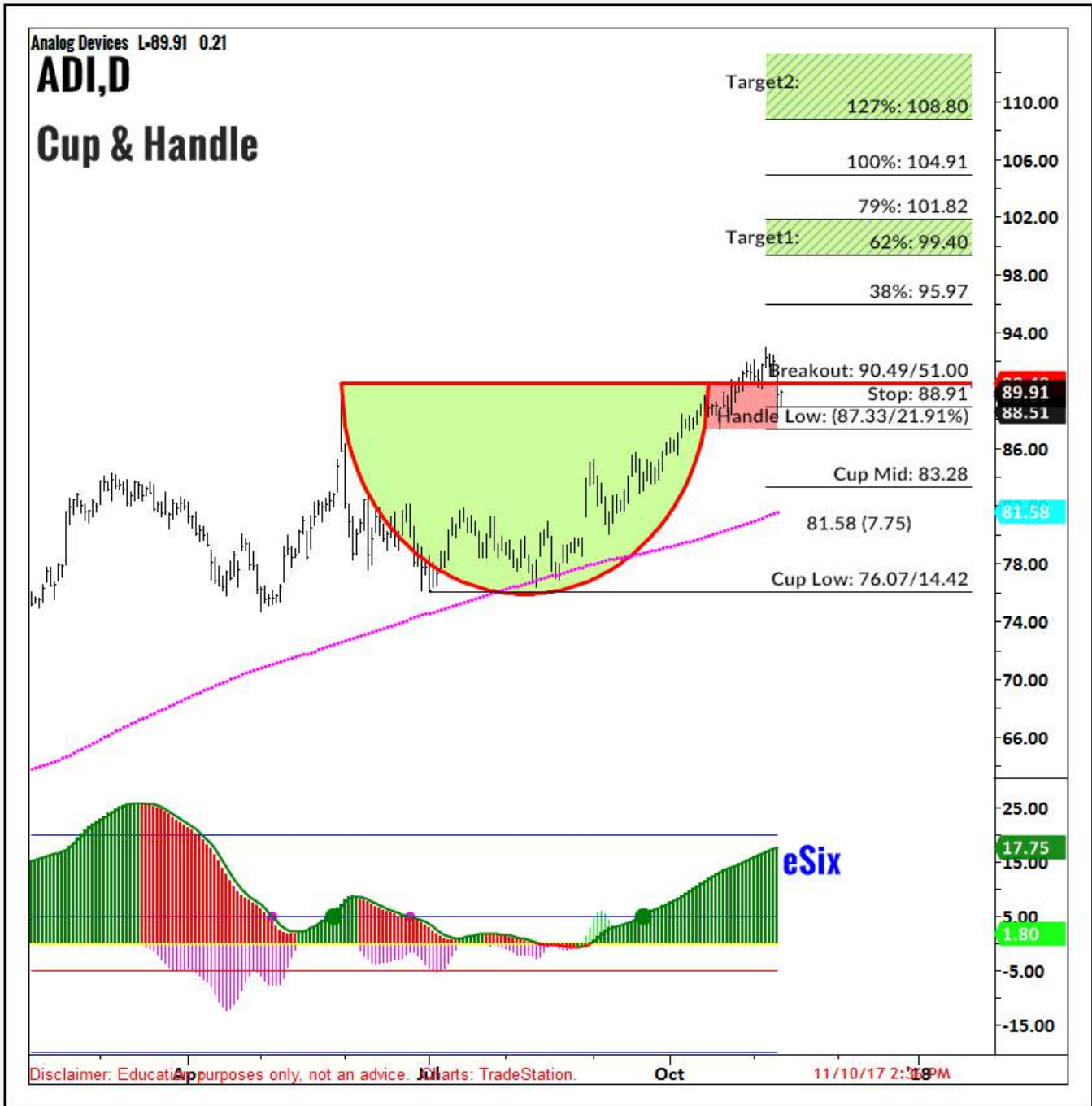
	Symbol	Last	suri.Chg%			
			1D%	W%	M%	YTD%
1	MU	44.82	2.86	2.45	7.62	104.29
2	NVDA	216.39	5.01	3.57	13.20	102.49
3	LRCX	207.39	0.53	0.15	11.39	96.15
4	FSLR	61.59	1.70	2.87	30.49	91.93
5	AMAT	56.43	1.56	(0.34)	5.88	74.65
6	JASO	7.93	(0.25)	3.80	9.53	66.60
7	QRVO	79.54	0.13	7.76	9.09	50.90
8	AVGO	264.90	(0.26)	(3.17)	5.81	49.89
9	CY	16.97	1.41	5.40	6.13	48.34
10	SWKS	110.41	(0.64)	(2.46)	4.68	47.88
11	CSIQ(HB)	17.73	5.29	(5.38)	12.89	45.98
12	SMH(D,HB)	102.86	0.57	(0.08)	6.34	43.58
13	MCHP	91.56	0.82	(2.24)	-0.40	42.73
14	MXIM	53.54	(0.50)	0.17	8.91	38.81
15	TXN	96.77	(0.11)	(1.06)	4.38	32.85
16	NTAP	46.34	0.09	4.75	6.50	31.39
17	CREE	34.50	(0.06)	1.09	17.22	30.54
18	KLAC	102.18	0.04	(3.63)	-2.06	30.20
19	INTC	45.58	(1.58)	(1.64)	15.98	25.67
20	GRMN(HB)	60.59	1.82	2.15	11.86	25.45
21	ADI	89.56	(0.12)	(2.42)	1.15	23.37
22	LOGM(3)	115.50	(0.48)	(5.91)	-0.65	20.25
23	XLNX	71.87	1.54	(1.28)	-1.22	19.05
24	CSCO	34.02	(0.18)	(1.39)	1.19	12.48
25	RMBS	14.48	0.28	(0.34)	6.08	5.16
26	AMBA	56.45	0.05	1.07	9.59	4.29
27	CRUS	56.83	(0.76)	0.48	3.04	0.27
28	AMD	11.26	1.24	1.26	18.88	(0.71)
29	QCOM	64.70	(0.05)	4.47	19.31	(0.97)
30	GPRO(HB)	8.51	1.88	(6.79)	11.63	(2.30)
31	NTGR(1)	49.90	0.80	11.01	-3.85	(8.19)
32	JNPR(D)	25.00	(1.44)	1.79	-6.96	(11.57)

Disclaimer: Education purposes only, not an advice.
 Charts: TradeStation. 11/10/17 4:38 PM

	S...	PlotSy... Sym	Last	suri.RS.RSR			
				YTD	1M	3M	1YR
1		MU	44.82	99	82	99	99
2		NVDA	216.33	99	94	95	100
3		FSLR	61.59	98	99	94	98
4		AMAT	56.43	96	77	96	98
5		QRVO	79.54	89	86	74	88
6		AVGO	264.90	86	77	52	90
7		SWKS	110.41	86	74	45	82
8		MCHP	91.56	85	43	65	83
9		MXIM	53.54	79	84	86	76
10		TXN	96.77	74	73	87	77
11		NTAP	46.34	72	81	71	77
12		CREE	34.50	71	98	98	85
13		KLAC	102.18	70	32	76	75
14		INTC	45.58	65	96	94	69
15		GRMN	60.59	64	92	85	60
16		LOGM	115.50	56	41	23	43
17		CSCO	34.02	42	53	56	40
18		AMBA	56.45	37	87	64	25
19		CRUS	56.83	27	65	27	34
20		QCOM	64.70	26	99	90	23
21		GPRO	8.51	24	8	12	11
22		JNPR	25.00	16	17	15	26
23		ADI	89.56				
24		AMD	11.25				
25		CSIQ	17.73				
26		CY	16.97				
27		EA	112.75				
28		JASO	7.93				
29		LRCX	207.39				
30		NTGR	49.90				
31		RMBS	14.48				
32		SMH	102.86				
33		XLNX	71.87				
34							

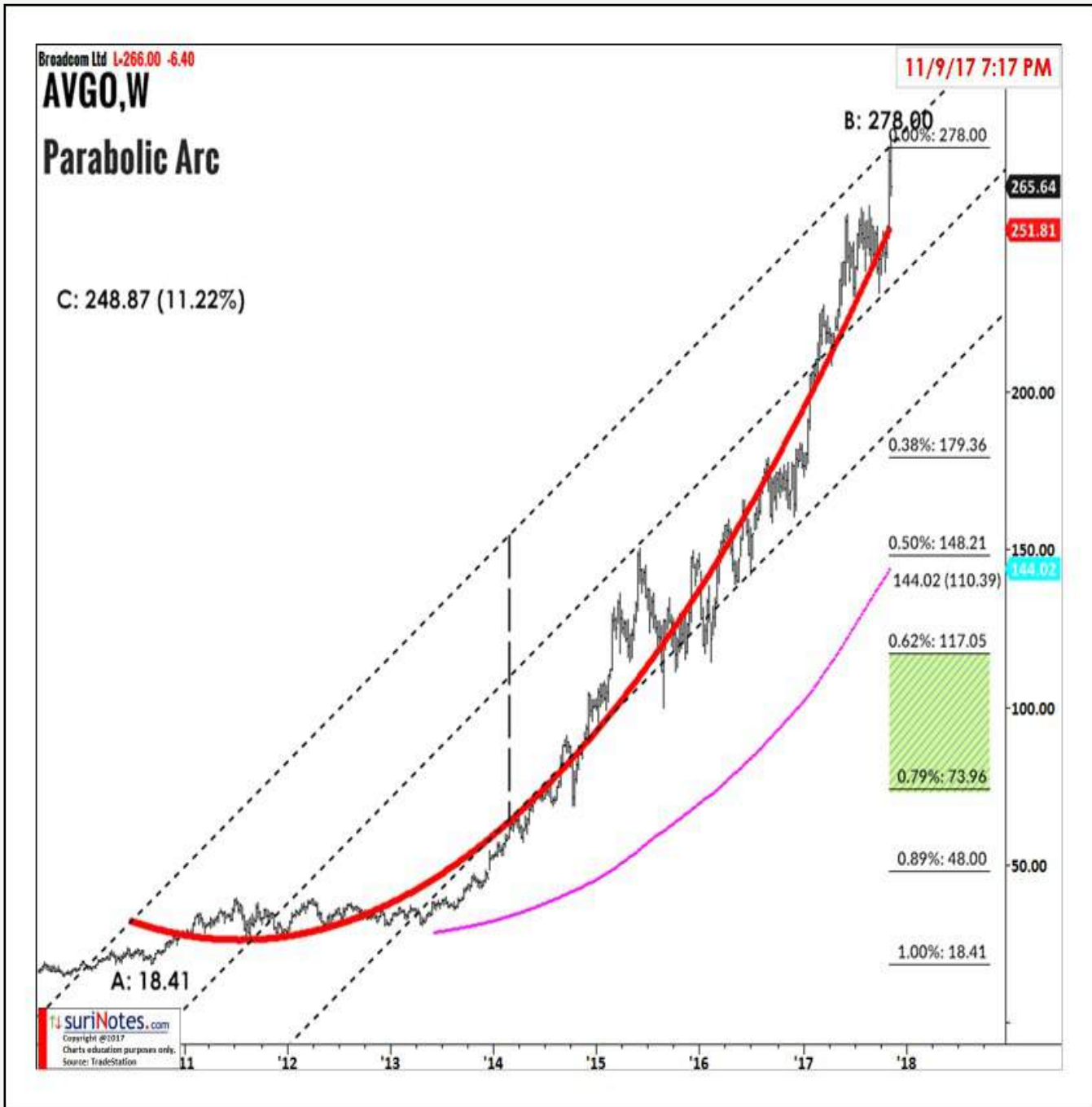
Disclaimer: Education purposes only, not an advice.
 Charts: TradeStation. 11/10/17 4:38 PM

ADI Cup & Handle Pattern



\$ADI (D) is trading in Cup & Handle Pattern. Entry above breakout level: 90.49, Handle Low: 87.33, 21.91% below breakout level. T1: 99.4 to 101.8 T2: 108.8 to 113.9

AVGO Parabolic Arc Pattern



Reviewed in CPAT 10/30/17

AVGO (W) is trading in Parabolic Arc pattern. Parabolic Arc patterns are long-term patterns and currently there is no trade trigger.

FSLR Inv. H&S Pattern



\$FSLR (D) Inv. HS Pattern. Long entry above 38.50, Stop below 36.91 (1.59), Target1 Zone: 46.5 to 48.7, Target2 Zone: 54.9 to 59.5

GRMN ABC Bullish Pattern



Reviewed in CPAT 10/30/17

\$GRMN (D) ABC Bullish Pattern Long Entry above 51.10, Stop below 49.79 (-1.31), Target1 Zone: 53.2 to 54.1, Target2 Zone: 56.8 to 58.8

INTC ABC Bullish Pattern



Reviewed in CPAT 11/03/17

\$INTC multiple chart patterns - ABC Bullish and Inv. HS pattern has been reviewed in the past weeks. Here is the ABC Bullish pattern reviewed in Nov. 03'17 CPAT magazine.

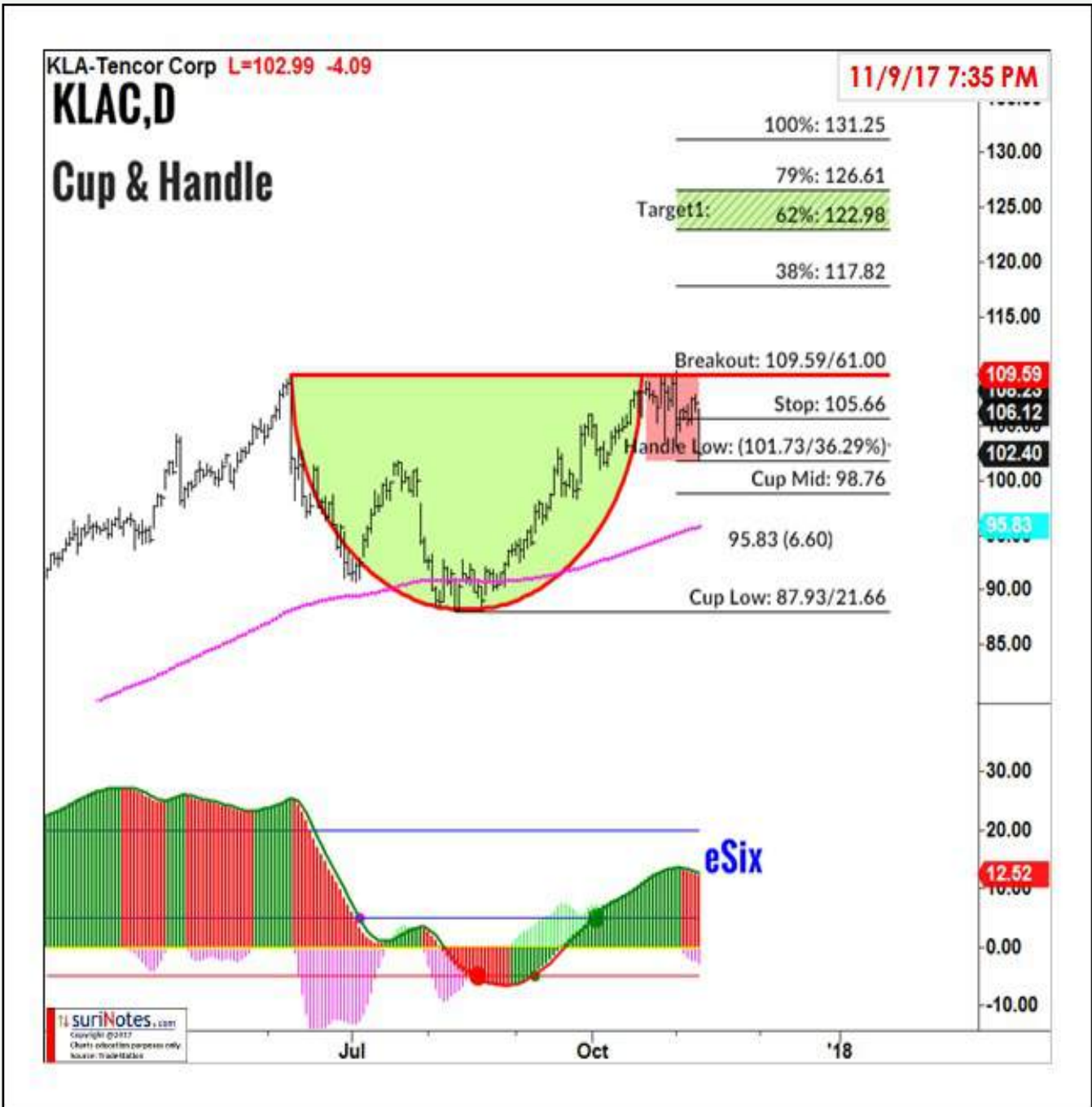
\$INTC (W) ABC Bullish Pattern Long Entry above 27.44, Stop below 24.86 (-2.58), Target1 Zone: 36.4 to 39.5, Target2 Zone: 48.6 to 55.1

JNPR Head and Shoulders Pattern



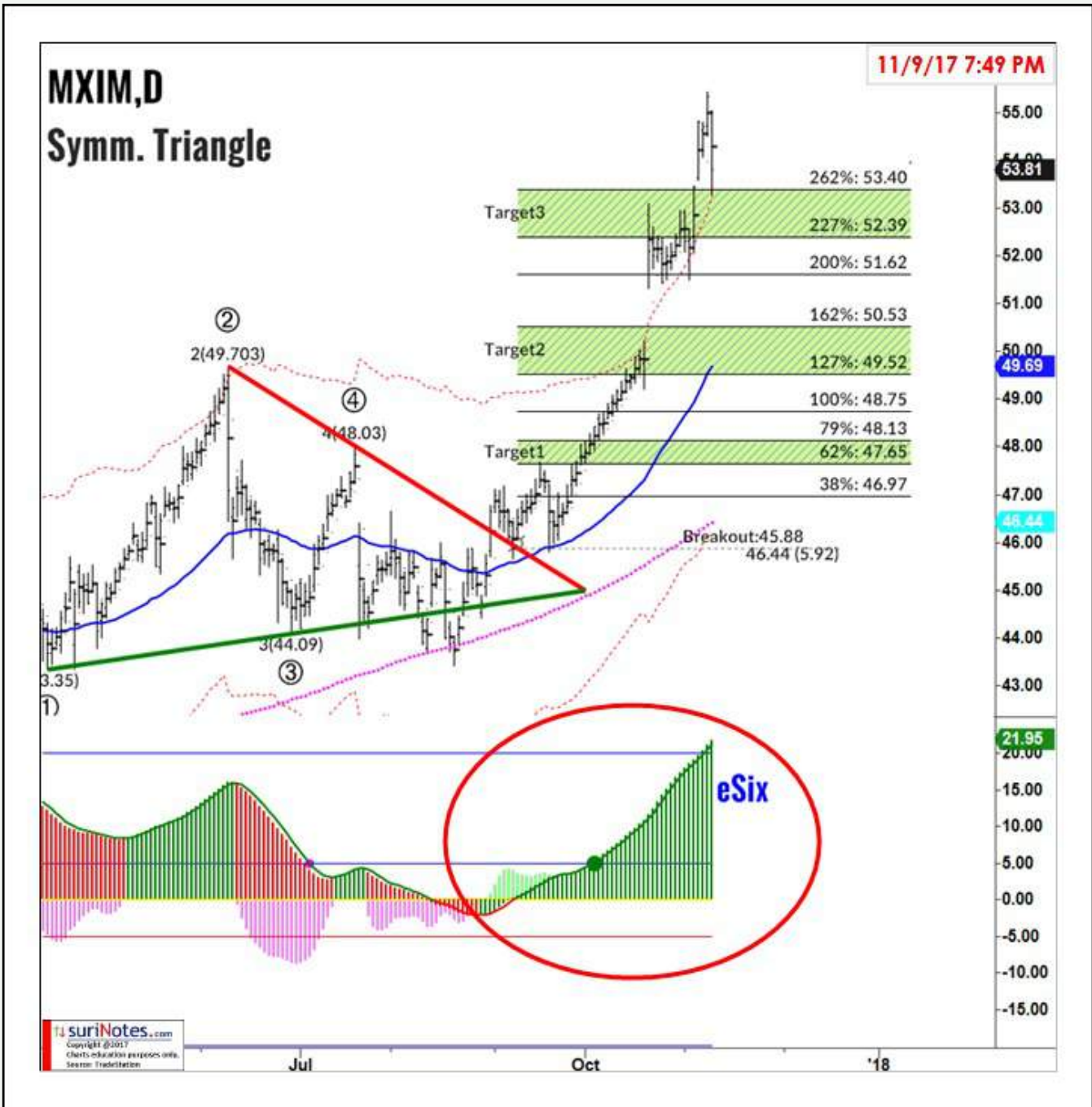
\$JNPR (D) HS Pattern. Short entry below 27.62, Stop above 28.95 (-1.33), Target1 Zone: 25.6 to 25.0, Target2 Zone: 23.4 to 22.2

KLAC Cup & Handle Pattern



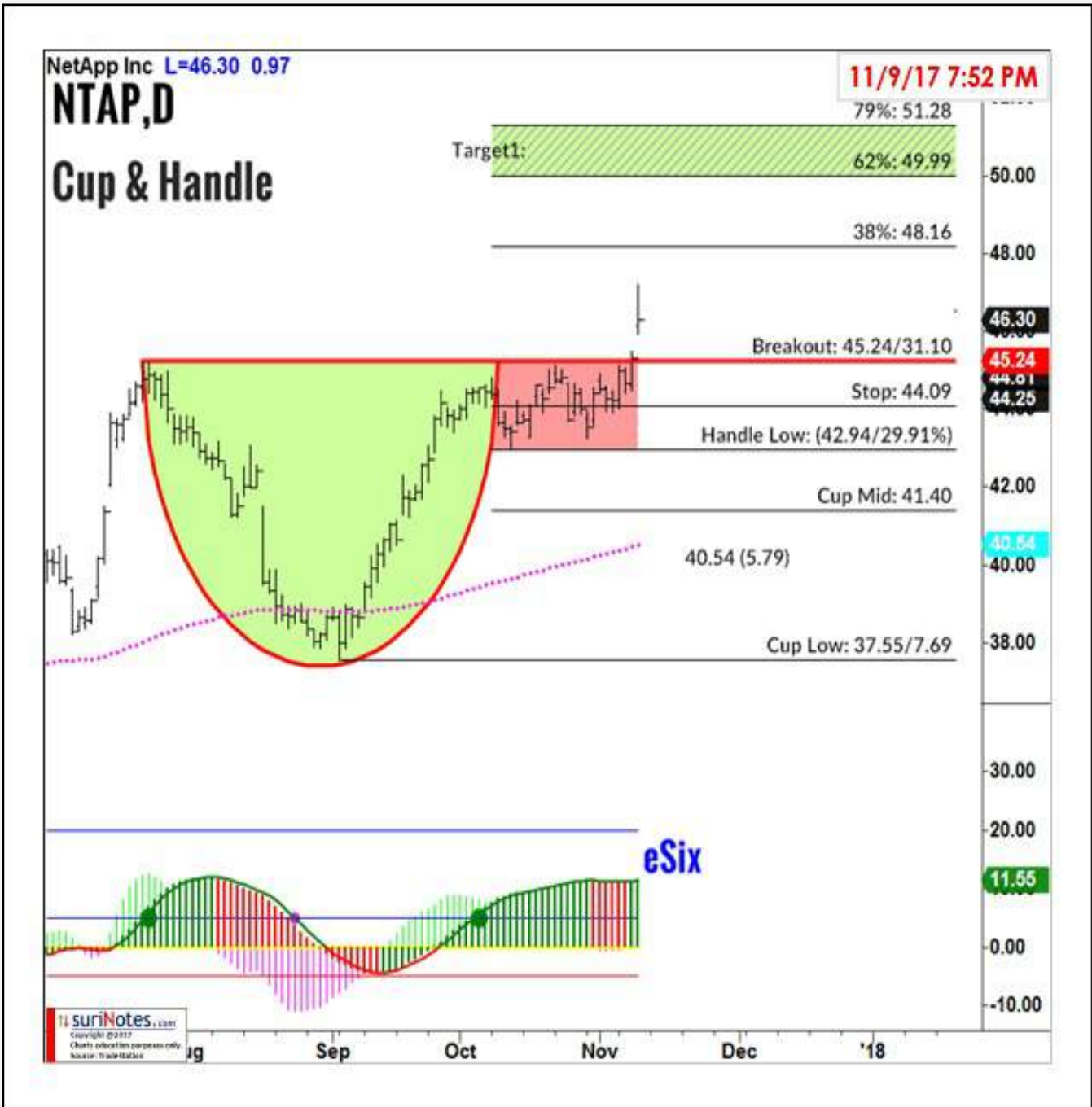
\$KLAC (D) is trading in Cup & Handle Pattern. Entry above breakout level: 109.59, Handle Low: 101.73, 36.29% below breakout level. T1: 123.0 to 126.6 T2: 137.1 to 144.7

MXIM Symmetric Triangle Pattern



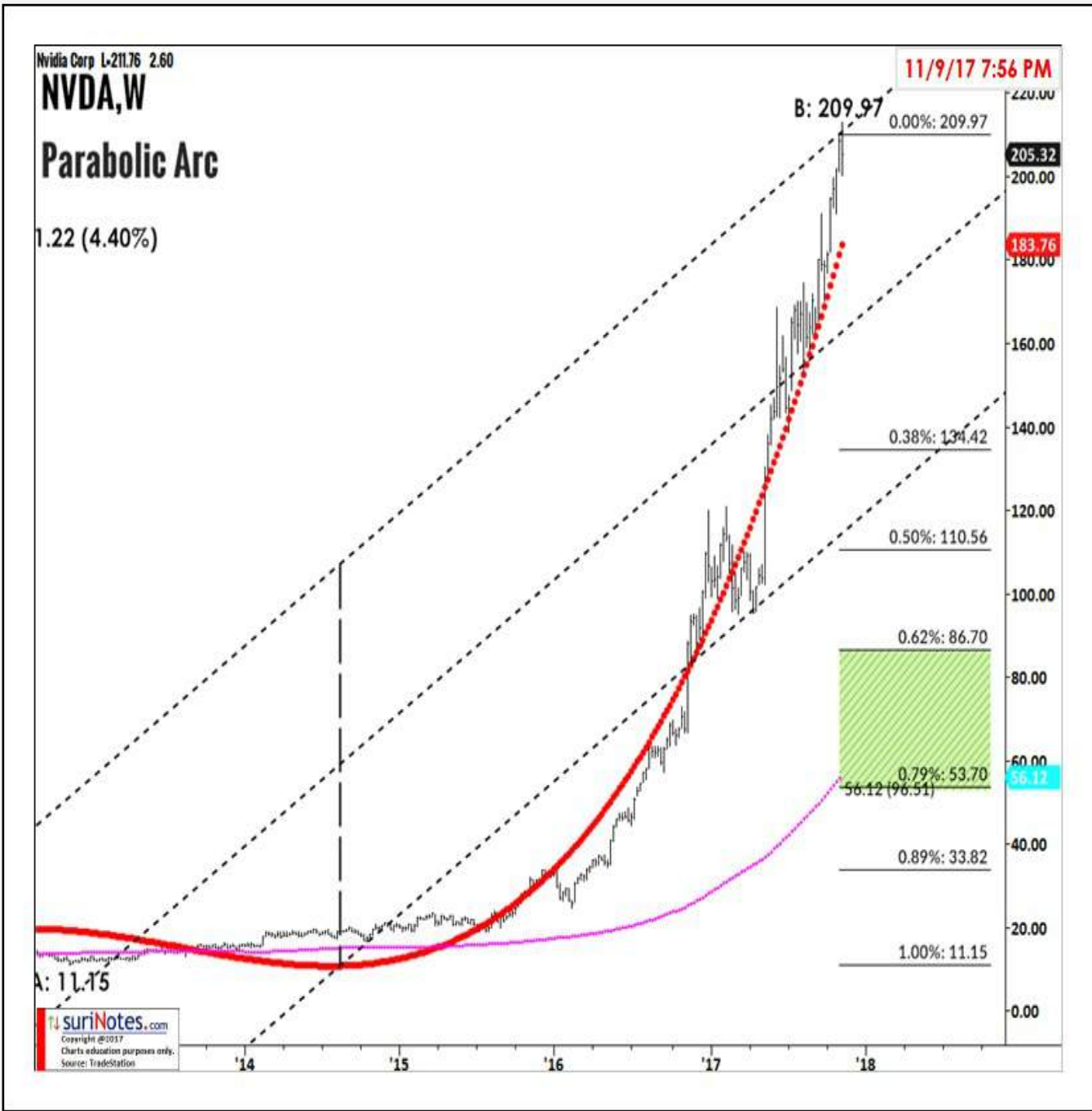
MXIM (D) reached its Symm. Triangle final targets.

NTAP Cup & Handle Pattern



\$NTAP (D) is trading in Cup & Handle Pattern. Entry above breakout level: 45.24, Handle Low: 42.94, 29.91% below breakout level. T1: 50.0 to 51.3 T2: 55.0 to 57.7

NVDA Parabolic Arc Pattern



Reviewed in CPAT 11/03/17

NVDA (Weekly) is trading Parabolic Arc pattern. NVDA does not have any trade trigger.

QCOM (W) ABC Bullish Pattern



Reviewed in CPAT 10/23/17

\$QCOM (W) ABC Bullish Pattern Long Entry above 51.73, Stop below 48.91 (-2.82), Target1 Zone: 67.1 to 72.0, Target2 Zone: 86.2 to 96.5

Chart Patterns

Stocks/Options/Indexes



Patterns Gallery

Updated: 11/10/17

Pattern Name	Symbols
ABC Bullish	TSCO,SPLK,INTC,GLD,IBM,WMT
ABC Bearish	EXPE,PCLN,ORCL,MELI,CTRP,AMD
AB=CD	BIIB,CELG,CTRP,FAZ,TRIP,DIS
Gartleys (all X5)	GD,STX,TSLA,PG,KLAC
Head and Shoulders	PZZA,JD,CBS,CTRP,TSLA,EXPE
Inv. Head and Shoulders	USO,ULTI,JASO,AZN,KO,SLV
Cup and Handles	SPLK,CSCO,ALNY,AMGN,LVS,SWKS
Parabolic Arcs	NVDA,EFX,EA,AVGO,ULTA,CMG,PCLN,GILD,BIIB
Channels	LULU,GOOG,MELI,LOGM
Triangles	LVS,GOOG,AMTD,SAP,GE,INTC,NOC,MRK
Double Top and Bottom	MRK,CSCO,PG,AMD,AAL,CREE
Dragons	MNST,TTM,C,CVX,GS,VRSN

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BRTI (CME's Bitcoin Idx) ABC Bullish Pattern



BRTI (CME's Bitcoin Idx) is trading in ABC Bullish pattern. Entry above \$3590 with a Stop below 2991. Targets: \$4914-5436, \$6942-8031.

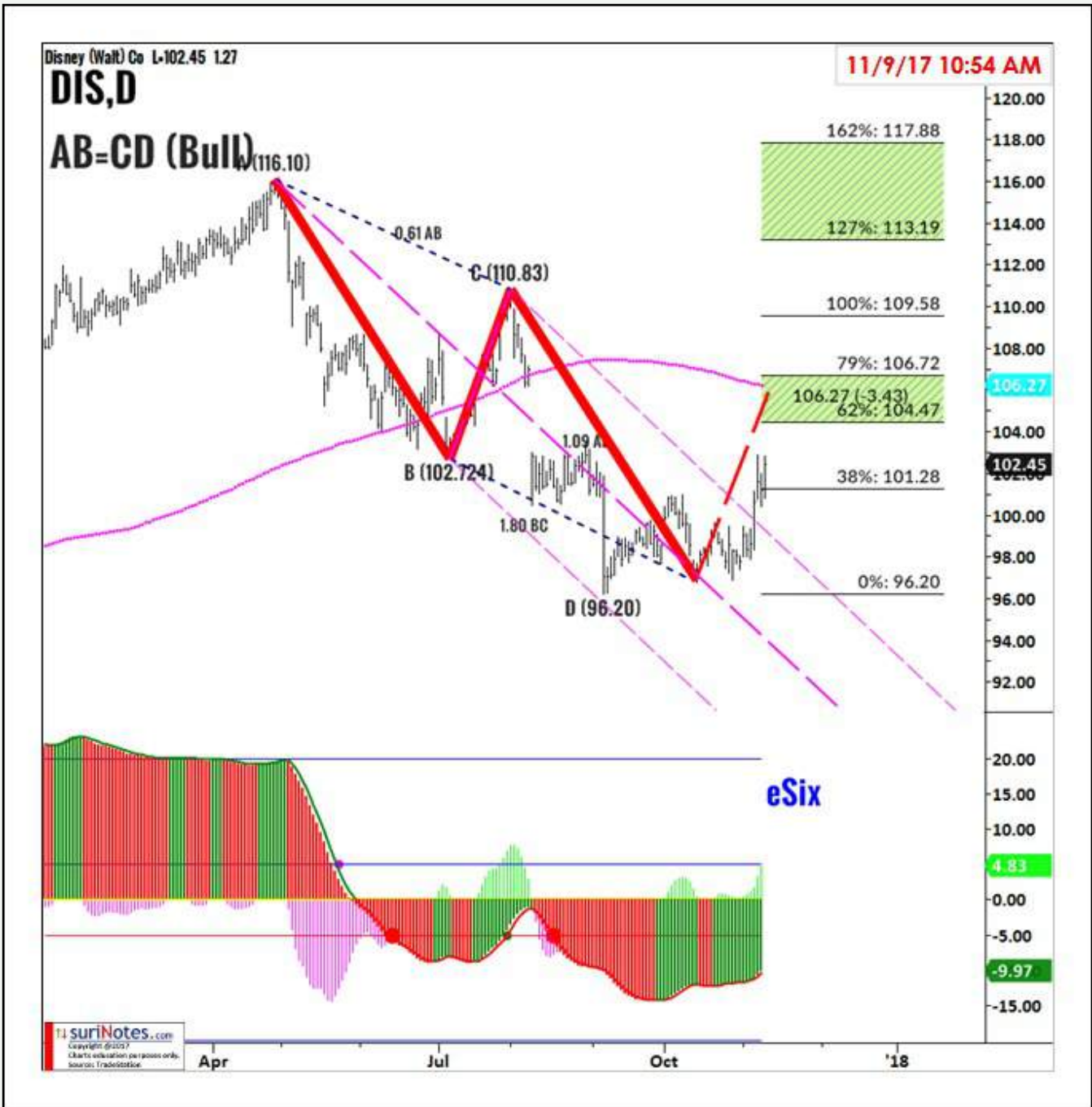
LULU Rectangle Channel



Reviewed in CPAT 10/16/17

LULU (Daily, Earnings: 11/30) is trading in Rectangle Channel pattern. ESIX trend is still weak. If price closes above channel upper trendline at \$64.81, the upside target range: \$64.81-72.22.

DIS AB=CD Bullish Pattern



Reviewed in CPAT 11/06/17

DIS (Daily, Earnings: 11/9/17) has completed AB=CD Bullish pattern. ESIX trend is weak. The target are \$104-106.7, 109.5, 113-117.

AAPL ABC Bullish Pattern



Reviewed in CPAT 10/23/17

AAPL (Daily) is trading in ABC Bullish pattern. AAPL’s prior reviews include key support from GAP fill area at \$150, ABC Bullish pattern and a Regression channel. ABC Bullish pattern long entry was above \$152 with a Stop at 149. Targets: \$163-166, \$171 and \$177.94 to \$185.

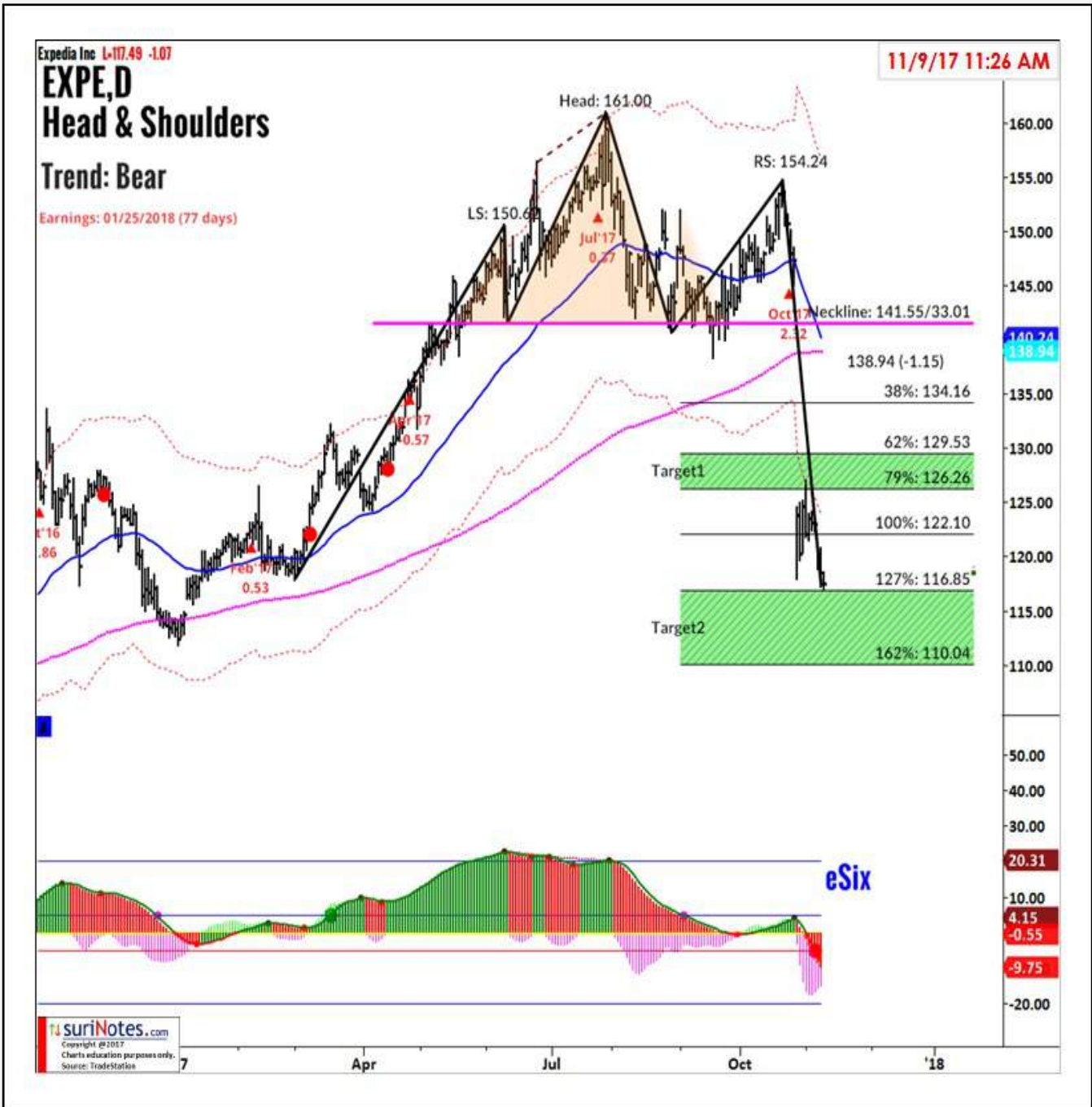
ADSK Asc. Triangle Pattern



Reviewed in CPAT 10/16/17

ADSK (Daily, Earnings: 11/28/17) is trading in Ascending Triangle pattern. ADSK breakout level: \$114.60. Targets \$125-127, \$130.

EXPE Head and Shoulders Pattern



Reviewed in CPAT 10/16/17

EXPE (Daily) is trading in Head and Shoulders pattern. Currently price reached Target 2 zone. H&S Neckline: \$141.55. Targets: \$126-129, \$122, \$110-116.85

LVS Cup & Handle Pattern



Reviewed in CPAT 10/23/17

\$LVS (D) is trading in Cup & Handle Pattern. Entry above breakout level: 66.22, Handle Low: 60.80, 76.77% below breakout level. T1: 70.6 to 71.8 T2: 75.2 to 77.7

USO Inv. H&S Pattern



Reviewed in CPAT 10/30/17

\$USO (D) Inv. HS Pattern. Long entry above 10.32, Stop below 9.83 (0.49), Target1 Zone: 11.4 to 11.6, Target2 Zone: 12.4 to 13.0

GLD ABC Bullish Pattern



Reviewed in CPAT 10/23/17

\$GLD (D) ABC Bullish Pattern Long Entry above 121.10, Stop below 119.77 (-1.33), Target1 Zone: 128.1 to 130.4, Target2 Zone: 137.0 to 141.7

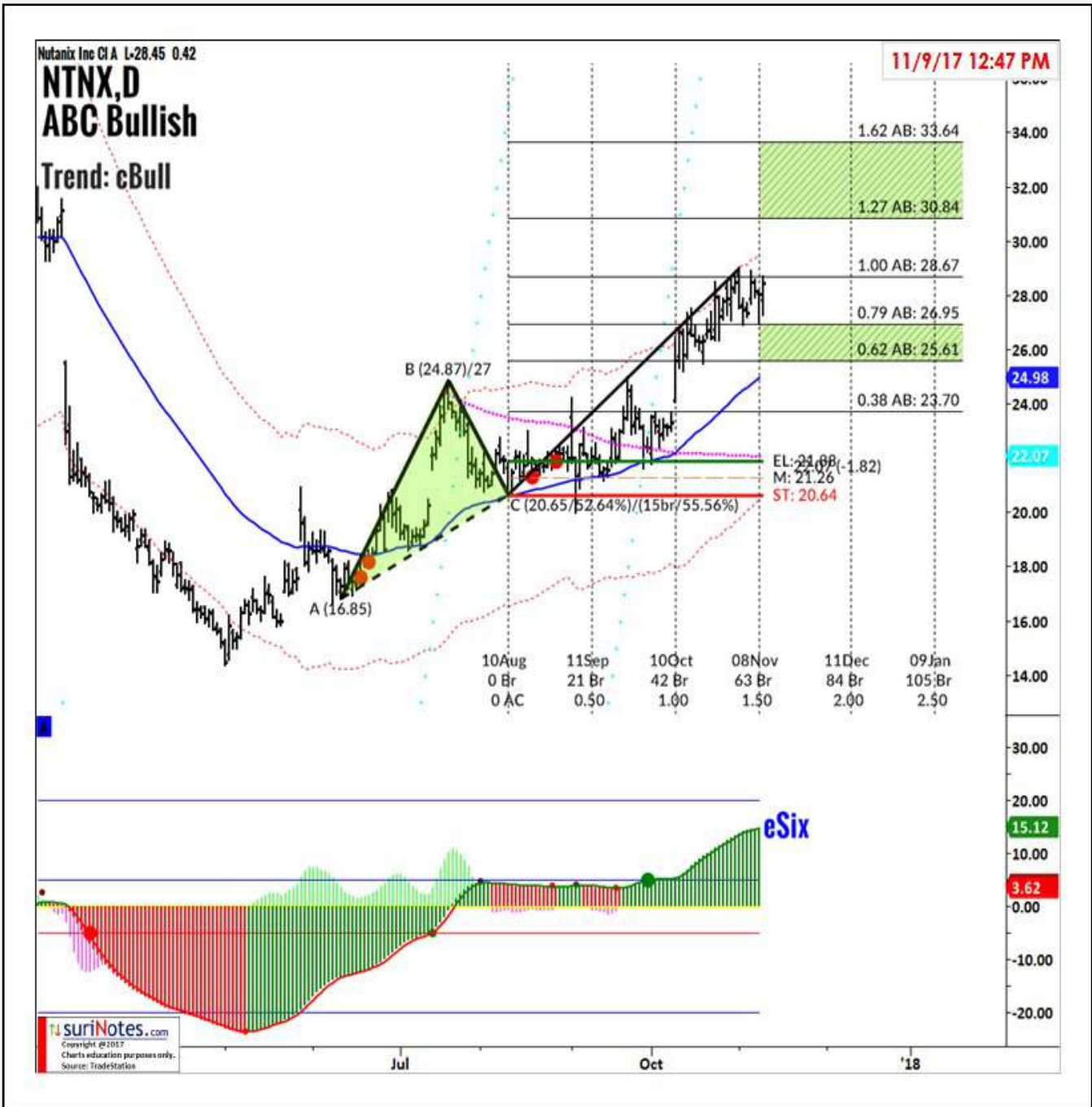
GDX ABC Bullish Pattern



Reviewed in CPAT 10/16/17

\$GDX (W) ABC Bullish Pattern Long Entry above 21.50, Stop below 18.57 (-2.93), Target1 Zone: 30.6 to 33.8, Target2 Zone: 43.2 to 50.0

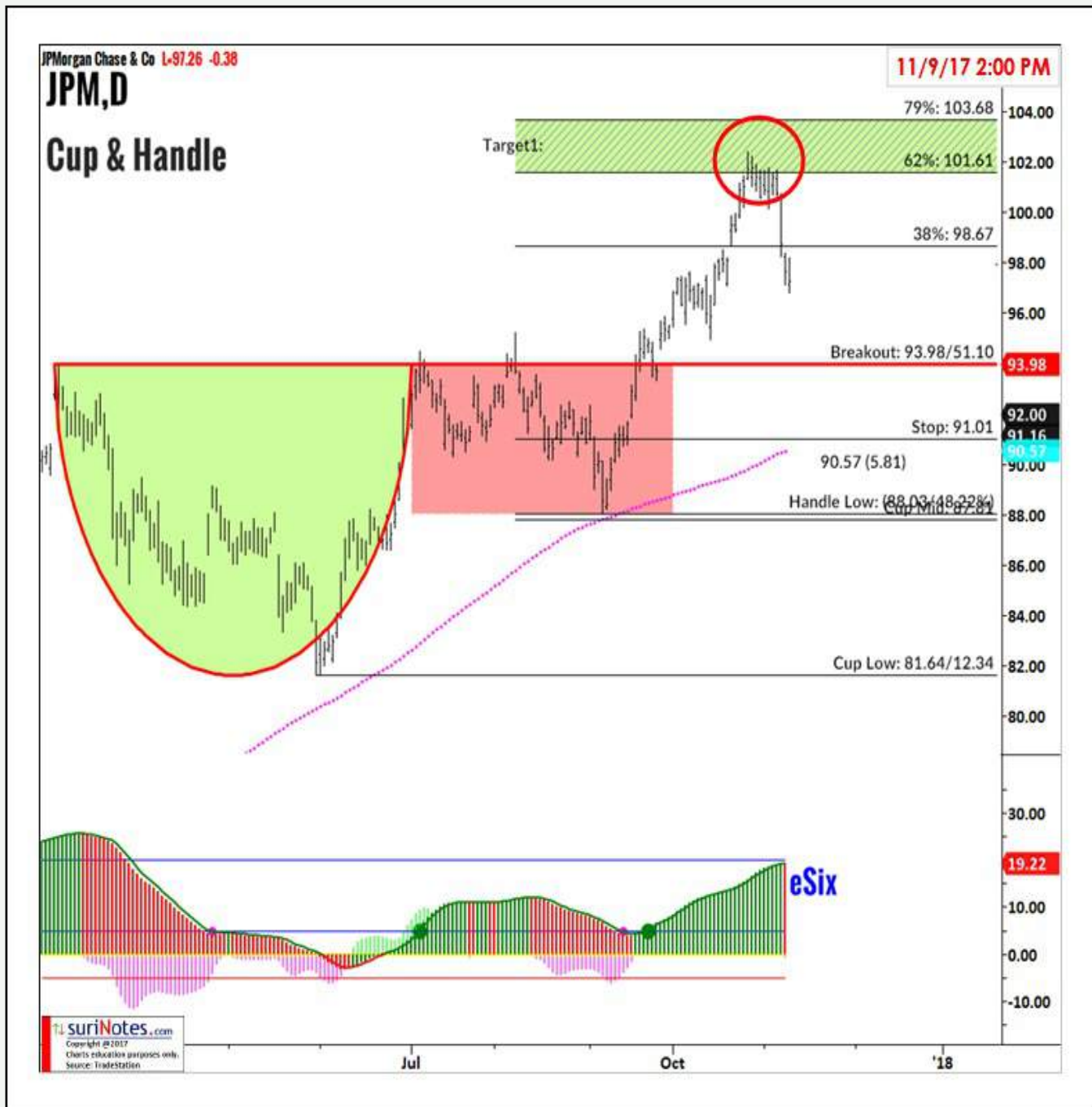
NTNX ABC Bullish Pattern



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

JPM Cup & Handle Pattern



Reviewed in CPAT 09/25/17

\$JPM (D) is trading in Cup & Handle Pattern. JPM reached its first target and showing a typical retracement. If JPM trend (eSIX) changes to bullish, its trade details are:
 Long entry above breakout level: 93.98, Handle Low: 88.03, 48.22% below breakout level. T1: 101.6 to 103.7 T2: 109.7 to 114.0

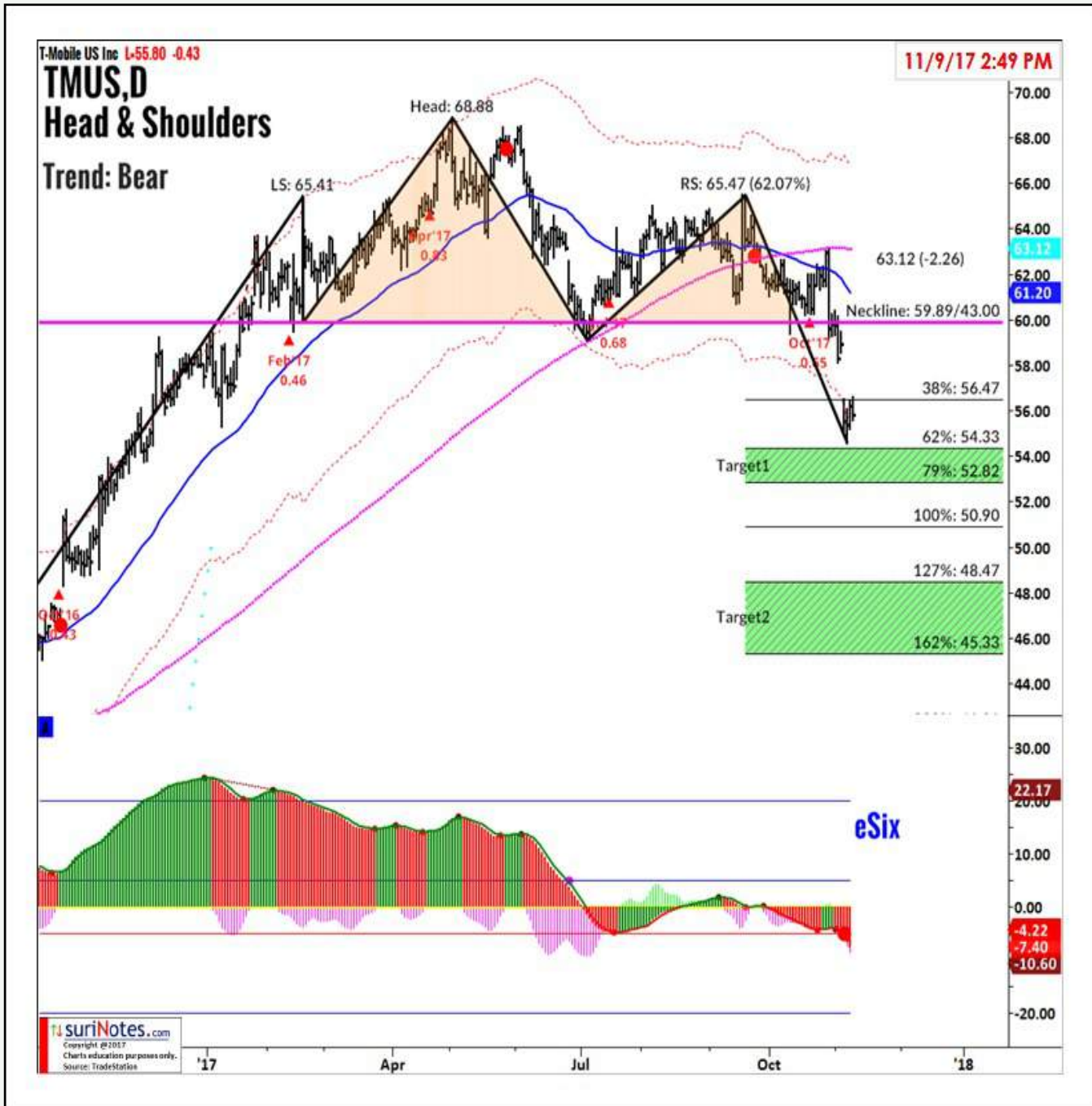
CVX Cup & Handle Pattern



Reviewed in CPAT 10/23/17

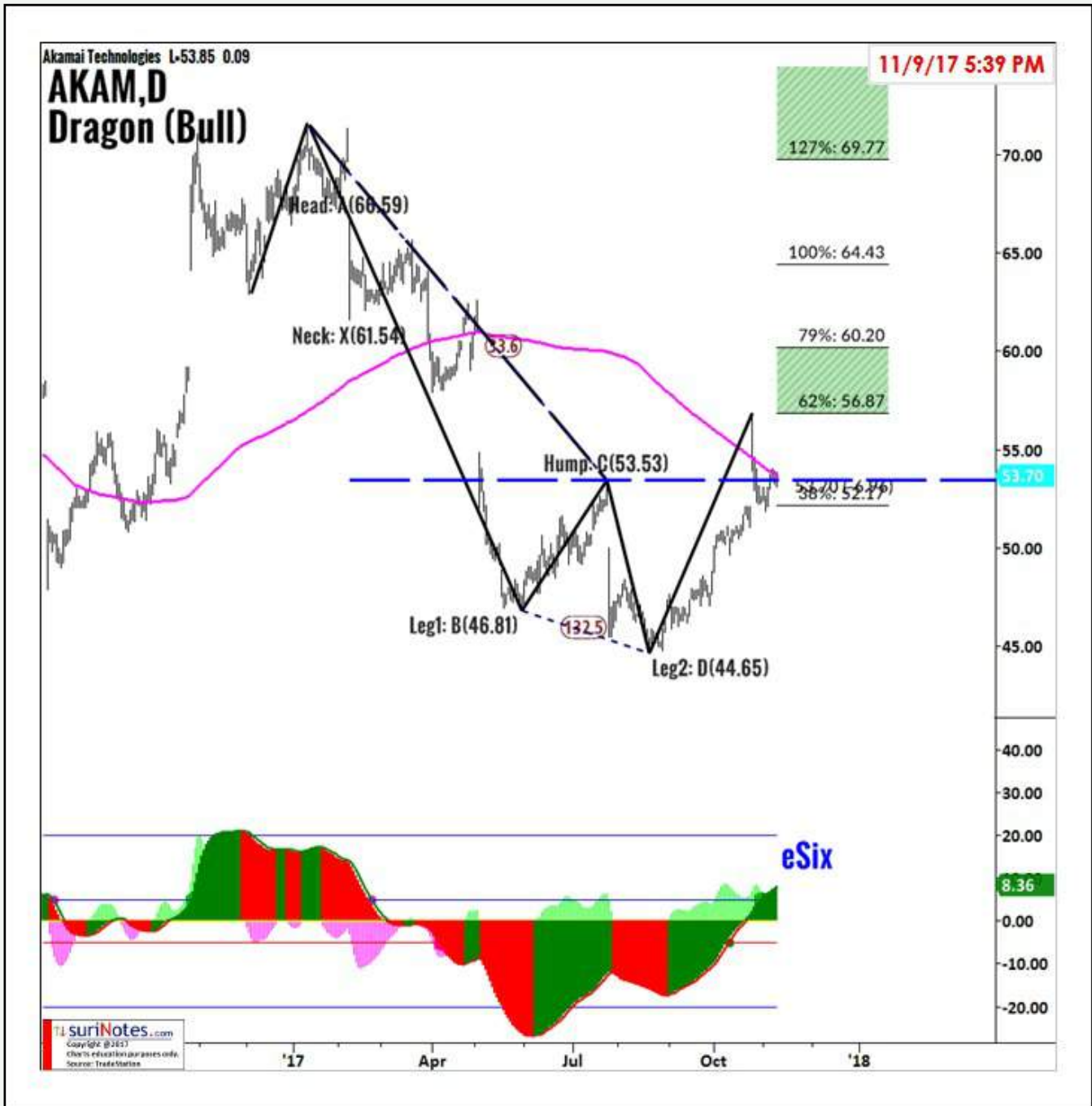
\$CVX (D) is trading in Cup & Handle Pattern. Entry above breakout level: 119.00, Handle Low: 112.52, 39.39% below breakout level. T1: 129.2 to 131.9 T2: 139.9 to 145.6

TMUS Head and Shoulders Pattern



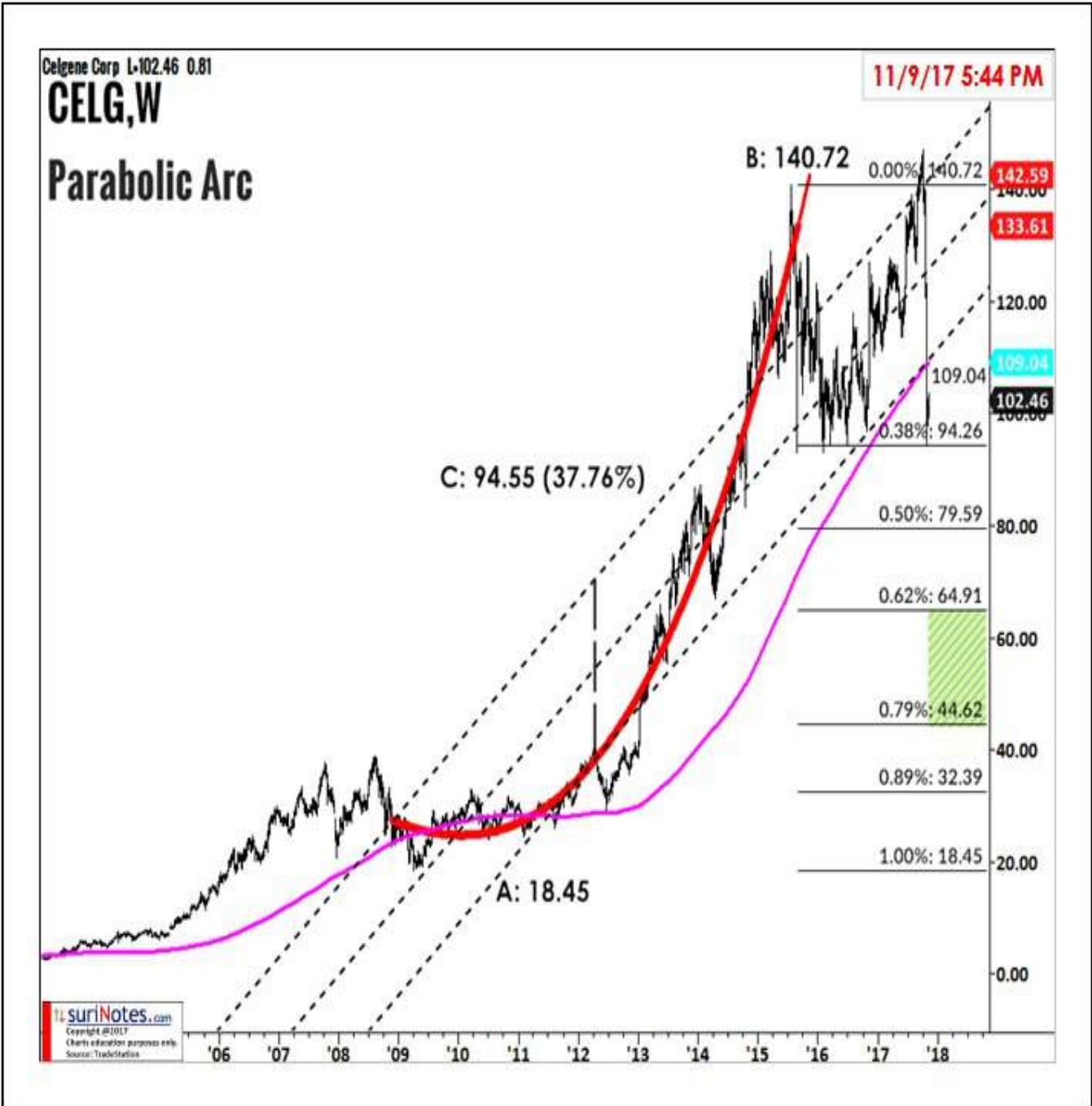
\$TMUS (D) HS Pattern. Short entry below 59.89, Stop above 62.68 (-2.79), Target1 Zone: 54.3 to 52.8, Target2 Zone: 48.5 to 45.3

AKAM Dragon Bull Pattern



AKAM (Daily) chart is setting up Bullish Dragon pattern. ESIX trend is bullish but AKAM needs to close above Hump level (53.33) for multiple days for it to be valid.

CELG Parabolic Arc Pattern



CELG (W) is trading in Parabolic Arc pattern. CELG has completed AB=CD pattern (reviewed in CPAT 10/23/17). Parabolic Arc patterns are long-term patterns.

AMGN Rectangle Channel



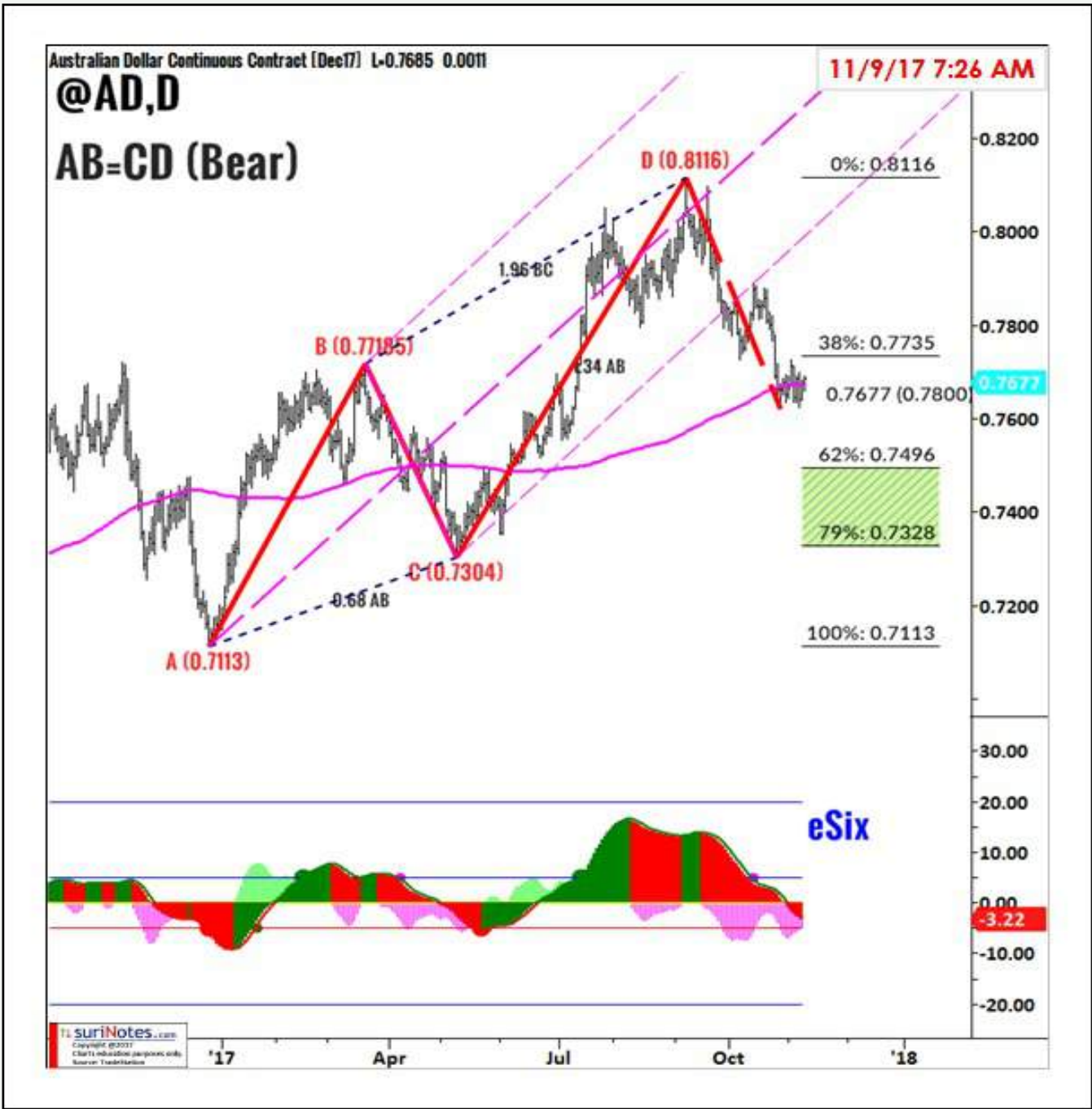
AMGN (Weekly) is trading in Rectangle Channel pattern. AMGN is also trading in other patterns like ABC Bullish pattern and C&H Pattern in daily time-frame.

Chart Patterns

Futures & Commodities



@AD AB=CD Bear Pattern



@AD (Daily) is trading in AB=CD Pattern. AB=CD Bearish pattern's first target zone: 0.7328 to 0.7496

@CD ABC Bullish Pattern



@CD (D) ABC Bullish Pattern 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

@CL Inv. H&S Pattern



Reviewed in CPAT 10/02/17

@CL (Daily) Inv. HS Pattern. Long entry above 51.36, Stop below 48.86 (2.50), Target1 Zone: 56.4 to 57.8, Target2 Zone: 61.7 to 64.6

@DX Inv. HS Pattern



Reviewed in CPAT 10/23/17

@DX (D) Inv. HS Pattern (F). Long entry above 93.085, Stop below 92.838 (0.247), Target1 Zone: 94.52 to 94.90, Target2 Zone: 96.03 to 96.84

@EC Bull Flag Pattern



Reviewed in CPAT 10/16/17

Euro FX Futures (Weekly) is trading in Bull Flag pattern. Price needs to close above upper trend line for a potential breakout to the upside.

@FC Inv. H&S Pattern



Reviewed in CPAT 11/06/17

@FC (D) Inv. HS Pattern (F). Long entry above 156.750, Stop below 152.838 (3.912), Target1 Zone: 167.77 to 170.76, Target2 Zone: 179.39 to 185.63

@HO Inv. H&S Pattern



Reviewed in CPAT 11/06/17

@HO (D) Inv. HS Pattern. Long entry above 1.6281, Stop below 1.5823 (0.0458), Target1 Zone: 1.799 to 1.846, Target2 Zone: 1.979 to 2.076

@JY Rectangle Channel



Reviewed in CPAT 10/02/17

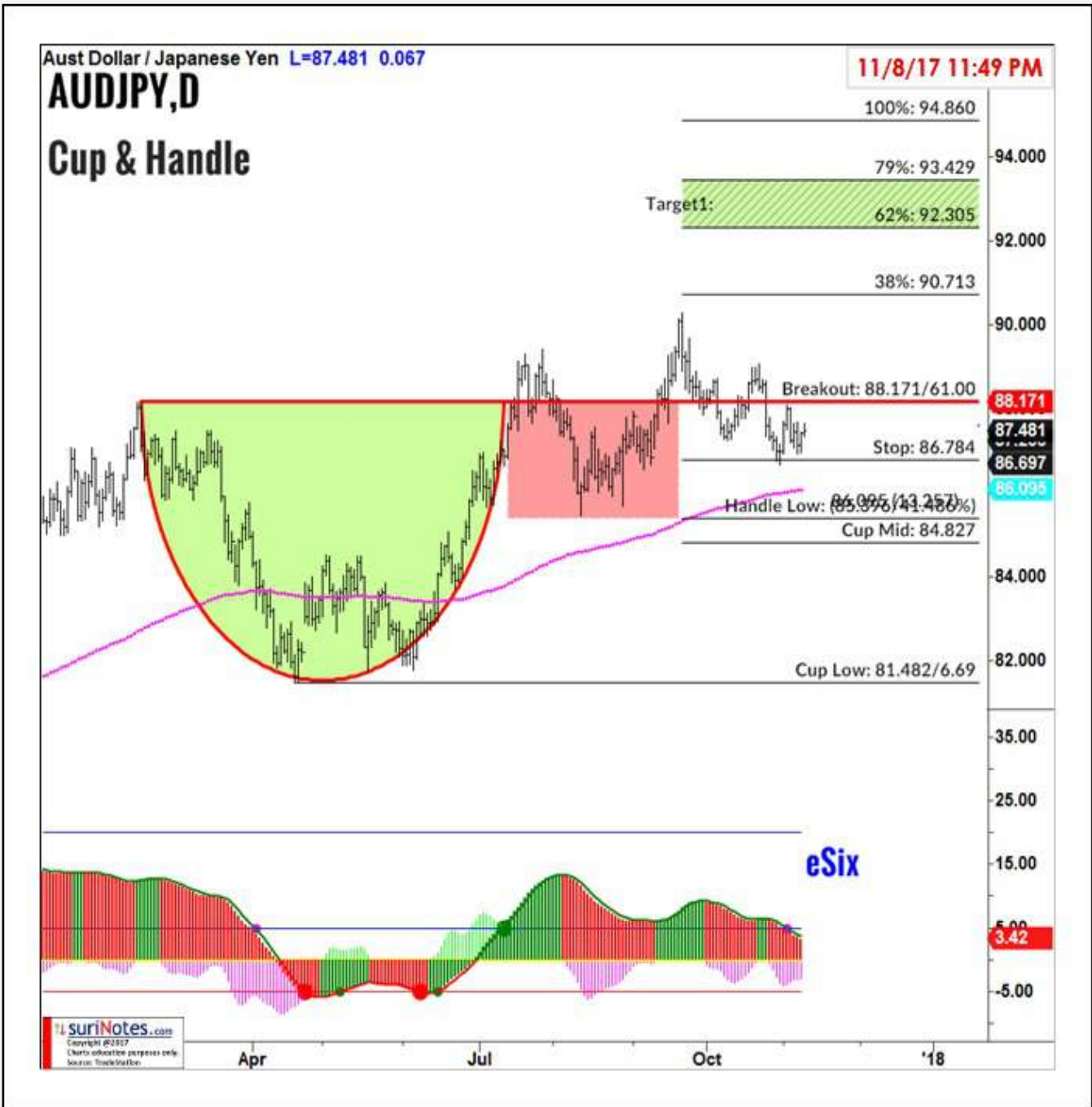
@JY (Daily) is trading in Rectangle Channel pattern. Esix trend is bearish.

Chart Patterns

FX



AUDJPY Cup & Handle Pattern



Reviewed in CPAT 09/18/17

\$AUDJPY (D) is trading in Cup & Handle Pattern. Entry above breakout level: 88.171, Handle Low: 85.396, 41.49% below breakout level. T1: 92.30 to 93.43 T2: 96.67 to 99.01

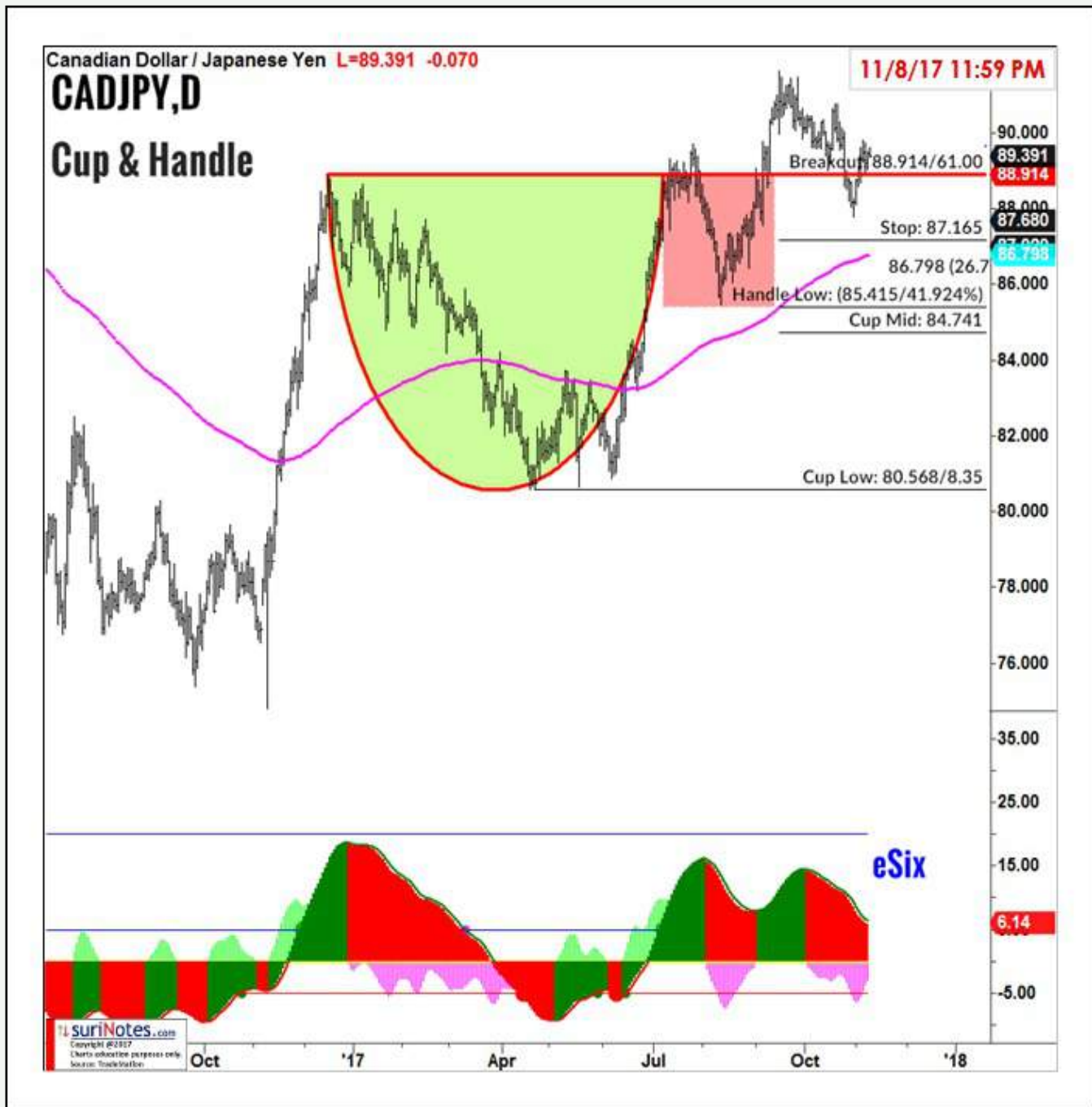
AUDUSD ABC Bullish Pattern



Reviewed in CPAT 10/30/17

AUDUSD (D) ABC Bullish Pattern Long Entry above 0.77067, Stop below 0.76244 (-0.00823), Target1 Zone: 0.8116 to 0.8250, Target2 Zone: 0.8635 to 0.8914

CADJPY Cup & Handle Pattern



Reviewed in CPAT 10/16/17

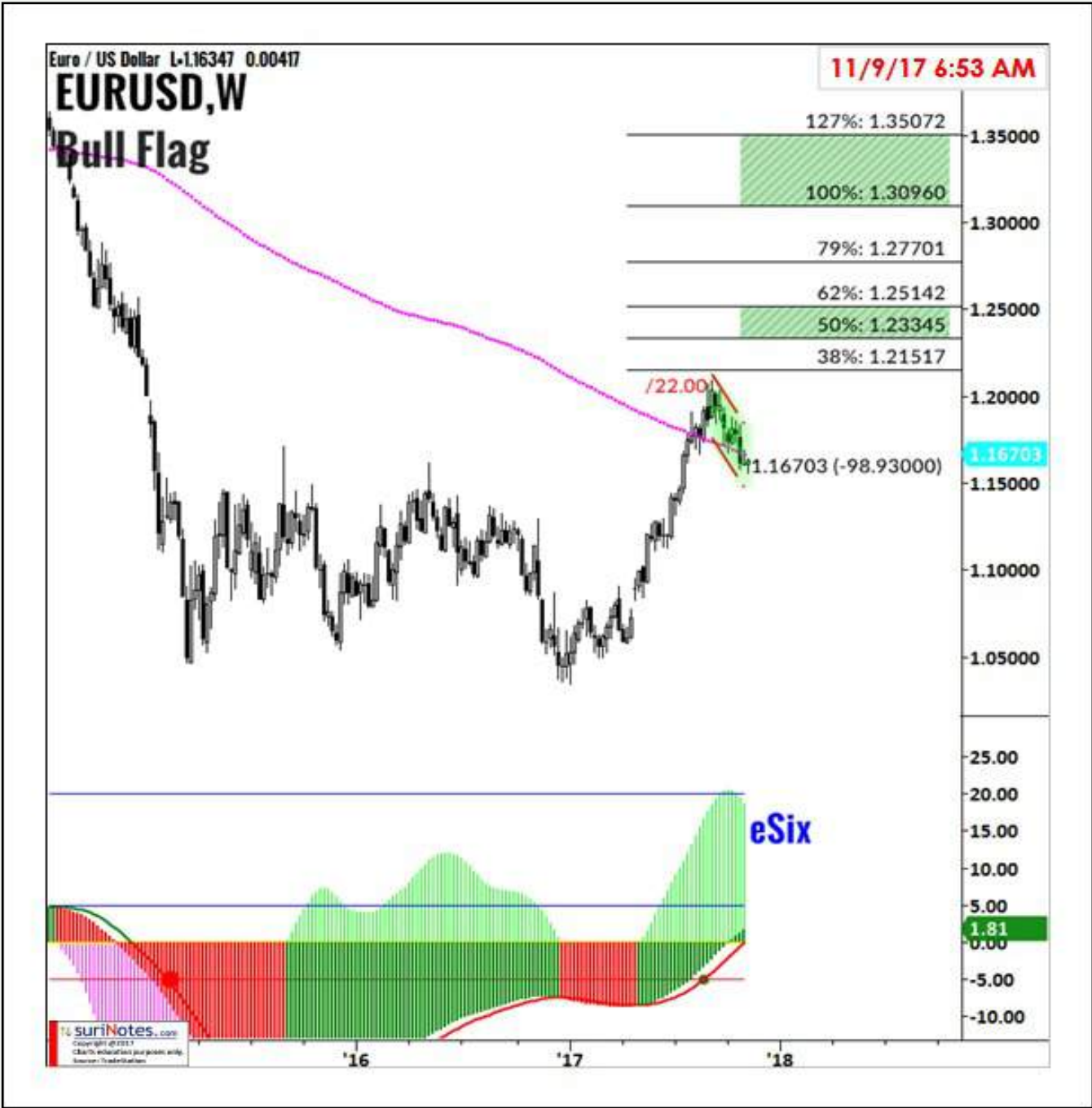
\$CADJPY (D) is trading in Cup & Handle Pattern. Entry above breakout level: 88.914, Handle Low: 85.415, 41.92% below breakout level. T1: 94.07 to 95.47 T2: 99.51 to 102.43

EURNZD ABC Bullish Pattern



\$EURNZD (W) ABC Bullish Pattern Long Entry above 1.48642, Stop below 1.45333 (-0.03309), Target1 Zone: 1.7426 to 1.8212, Target2 Zone: 2.0477 to 2.2115

EURUSD Bull Flag Pattern



EURUSD (W) is trading in Bull Flag pattern near 200-SMA.

GBPNZD ABC Bullish Pattern



Reviewed in CPAT 09/18/17

\$GBPNZD (D) ABC Bullish Pattern Long Entry above 1.76156, Stop below 1.73371 (-0.02785), Target1 Zone: 1.8653 to 1.9011, Target2 Zone: 2.0042 to 2.0788

SGDJPY Inv. HS Pattern



Reviewed in CPAT 09/25/17

\$SGDJPY (D) Inv. HS Pattern (F). Long entry above 81.438, Stop below 80.564 (0.874), Target1 Zone: 83.87 to 84.53, Target2 Zone: 86.44 to 87.82

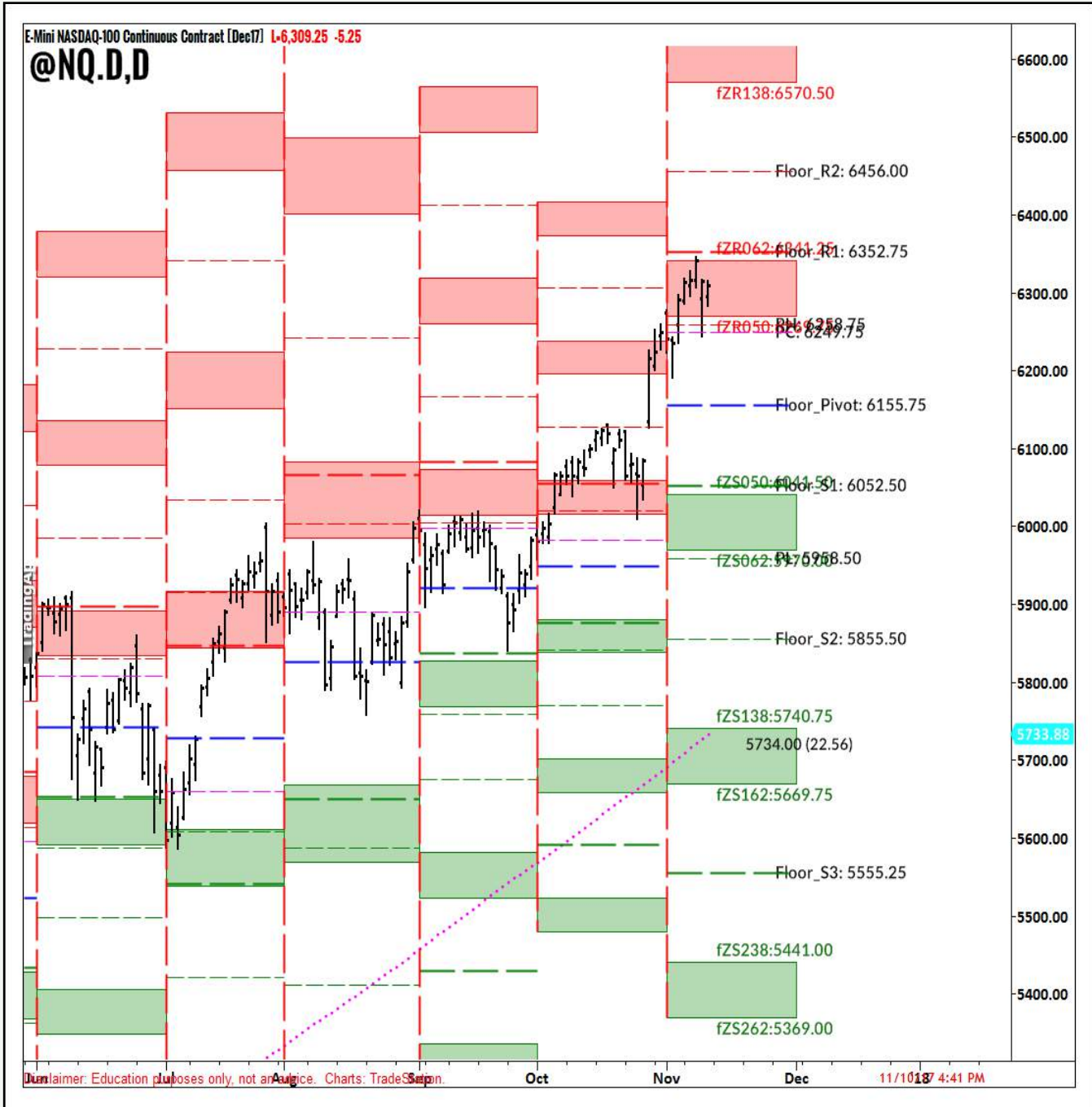
Gold Continuous Contract (Dec17) L:1323.5 -5.8

@GC,D

Key Support/Resistance, Pivots

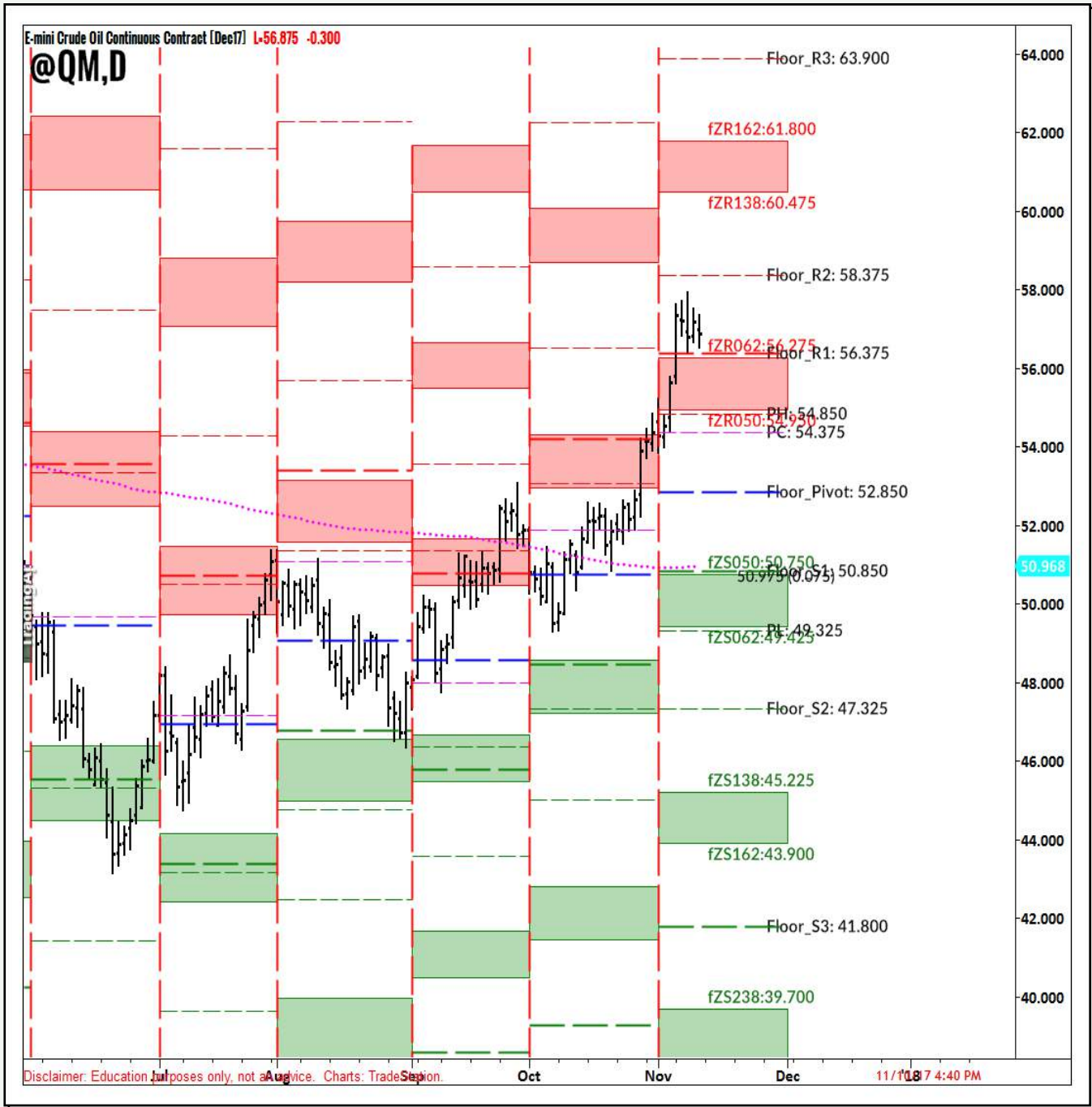


NQ Fib. Zone Pivots



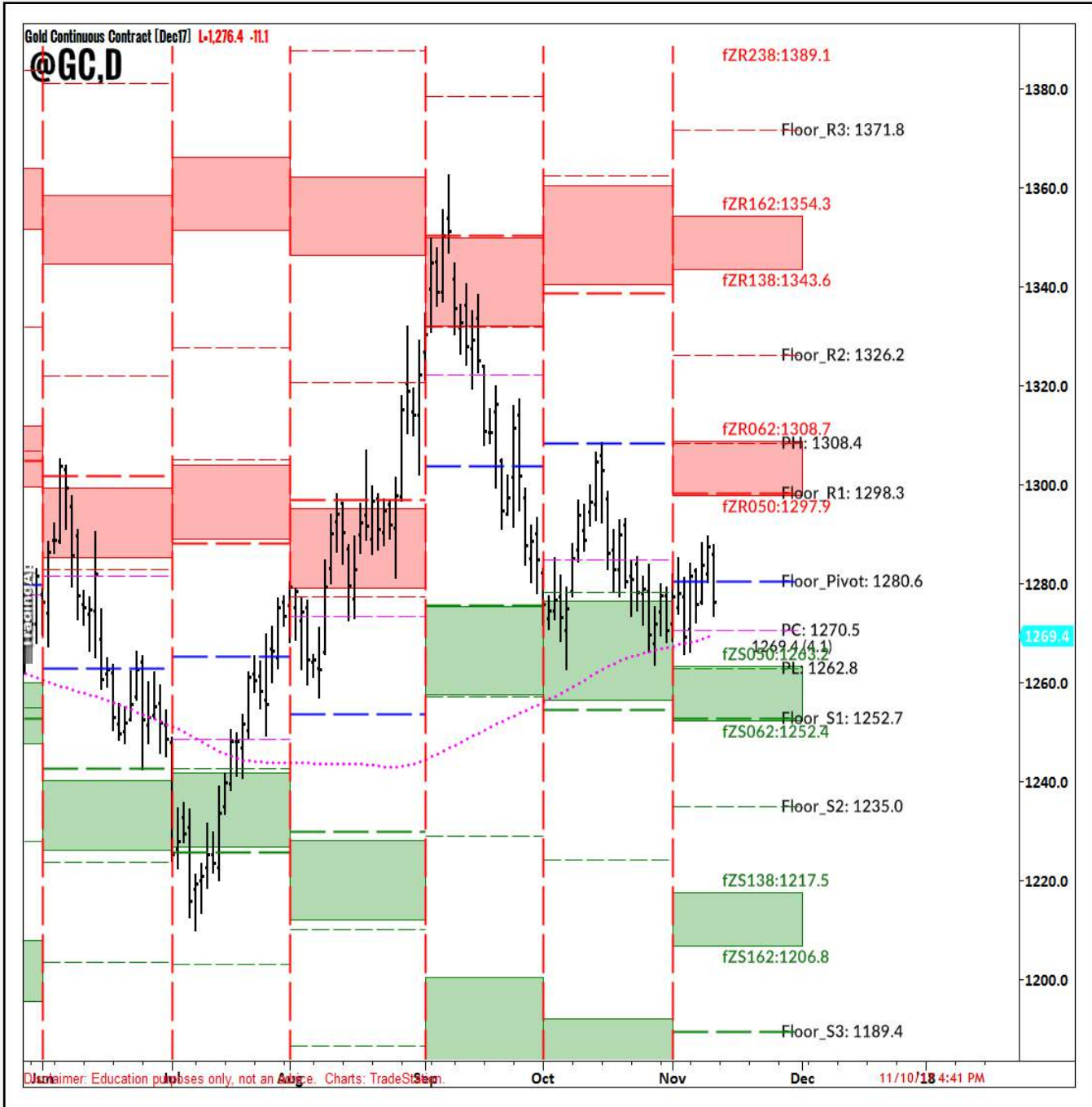
NQ Fib. Zone Pivots

QM Fib. Zone Pivots



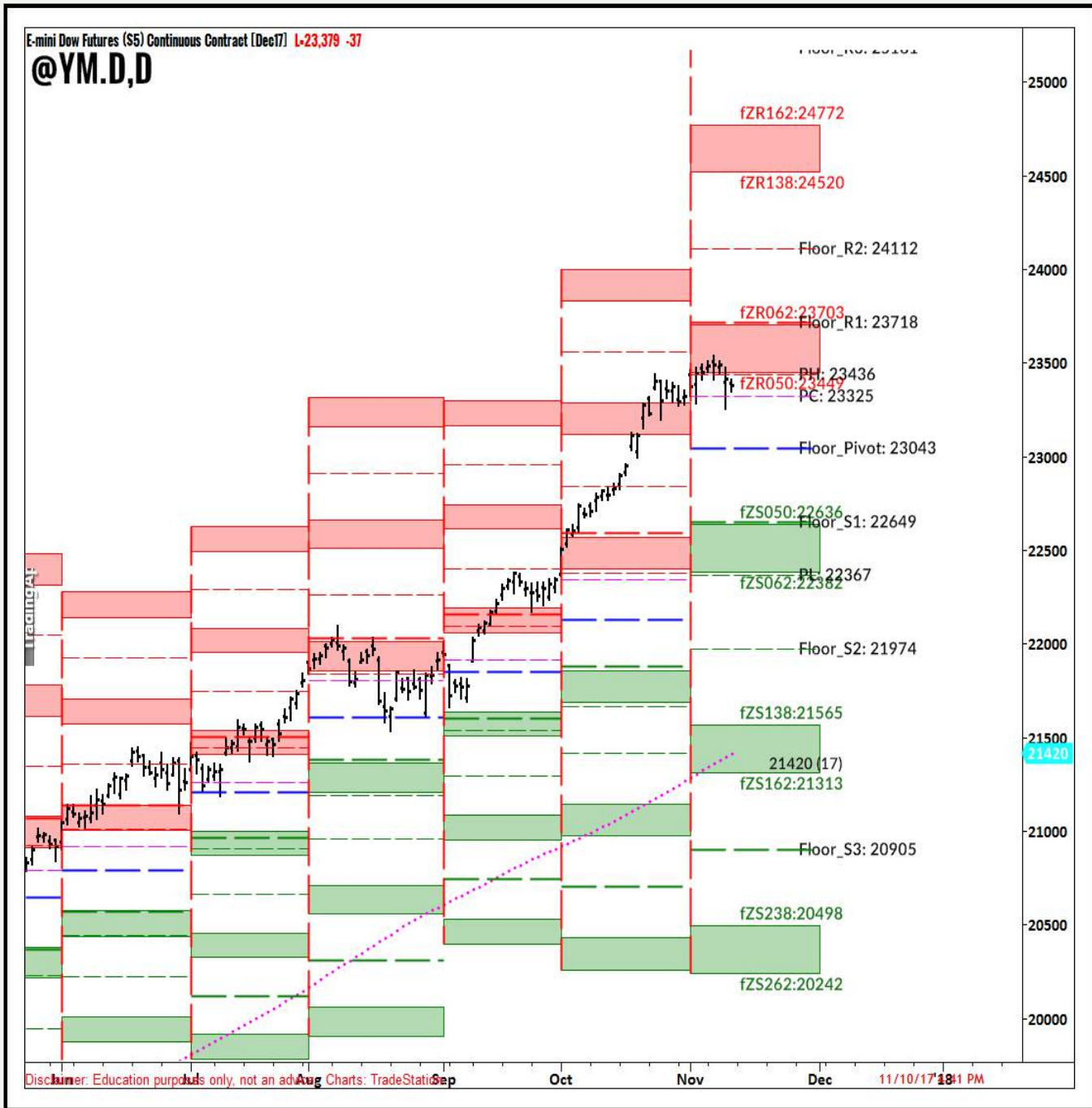
QM Fib. Zone Pivots

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.



November Earnings Calendar

		Horz.	
1	Wed		
2	Thu		
3	Fri		
6	Mon		
7	Tue	ACAD ATHM CBOE CROX CRZO FOSL JAZZ MAR MYGN RCL SINA TSRO VRX ZBRA	
8	Wed	CTL DOX FOX FTD HOLX KNDI MGM MINST MYGN OSTK PAAS REGN SRCL WAGE	
9	Thu	AZN CSIQ DHI DIS HTZ JCI JJF JWN KSS M NVDA PBVI PRGO UBNT VJET WIN XONE	
10	Fri	JCP MT	
13	Mon		
14	Tue	HD SSYS TJX VY	
15	Wed	BITA CSCO JASO NTAP NTES IGT	
16	Thu	AMAT BBY GPS JOBS PBR ROST SPLK WMT	
17	Fri	ANF FL	
20	Mon	A BRCD HDB INTU LIVE PANW SLV TTM URBN VIPS	
21	Tue	CRM DLTR HPQ JEC TARO TM Z	
22	Wed	DE	
23	Thu	VMW	
24	Fri		
27	Mon	SFUN	
28	Tue	ADSK MRVL NUAN	
29	Wed	DRYS FIVE PVH SNPS TIF WDAY	
30	Thu	AMBA LULU ULTA	

Earnings

11/11D/17 4:44 PM

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December Earnings Calendar

		Dec 2017		Horz.	
		<	>		
1	Fri				
4	Mon				
5	Tue				
6	Wed	HRB RH			
7	Thu	AVGO SHLD			
8	Fri				
11	Mon				
12	Tue				
13	Wed	ARWR			
14	Thu	ORCL			
15	Fri				
18	Mon				
19	Tue	ADBE AZO CPRT FDX YGE			
20	Wed				
21	Thu				
22	Fri				
25	Mon	RHT			
26	Tue	DRI MU NIKE			
27	Wed	JBL PIR			
28	Thu				
29	Fri				

CSCO Cup & Handle Pattern



Reviewed in CPAT 10/23/17

\$CSCO (D) is trading in Cup & Handle Pattern. Entry above breakout level: 34.60, Handle Low: 33.77, 19.58% below breakout level. T1: 37.2 to 37.9

JASO ABC Bullish Pattern



\$JASO (D) ABC Bullish Pattern Long Entry above 7.18, Stop below 6.82 (-0.36), Target1 Zone: 8.4 to 8.8, Target2 Zone: 10.0 to 10.8

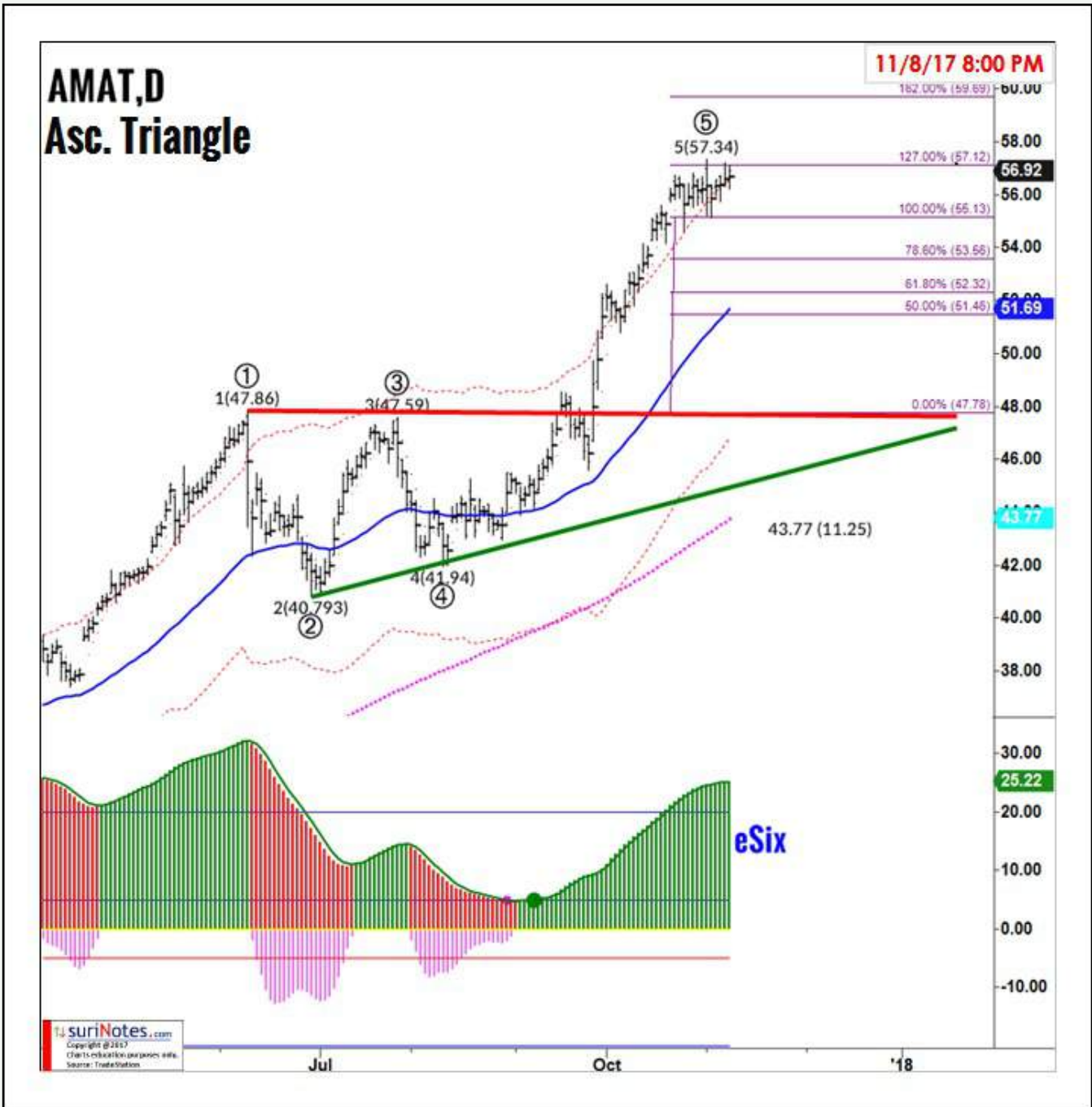
SLV ABC Bullish Pattern



Reviewed in CPAT 11/06/17

SSLV Inv. HS pattern was reviewed in CPAT 11/06/17. Above chart shows embedded ABC Bullish pattern inside Inv. HS pattern. \$SLV (D) ABC Bullish Pattern Long Entry above 15.73, Stop below 15.41 (-0.32), Target1 Zone: 17.1 to 17.5, Target2 Zone: 18.8 to 19.8

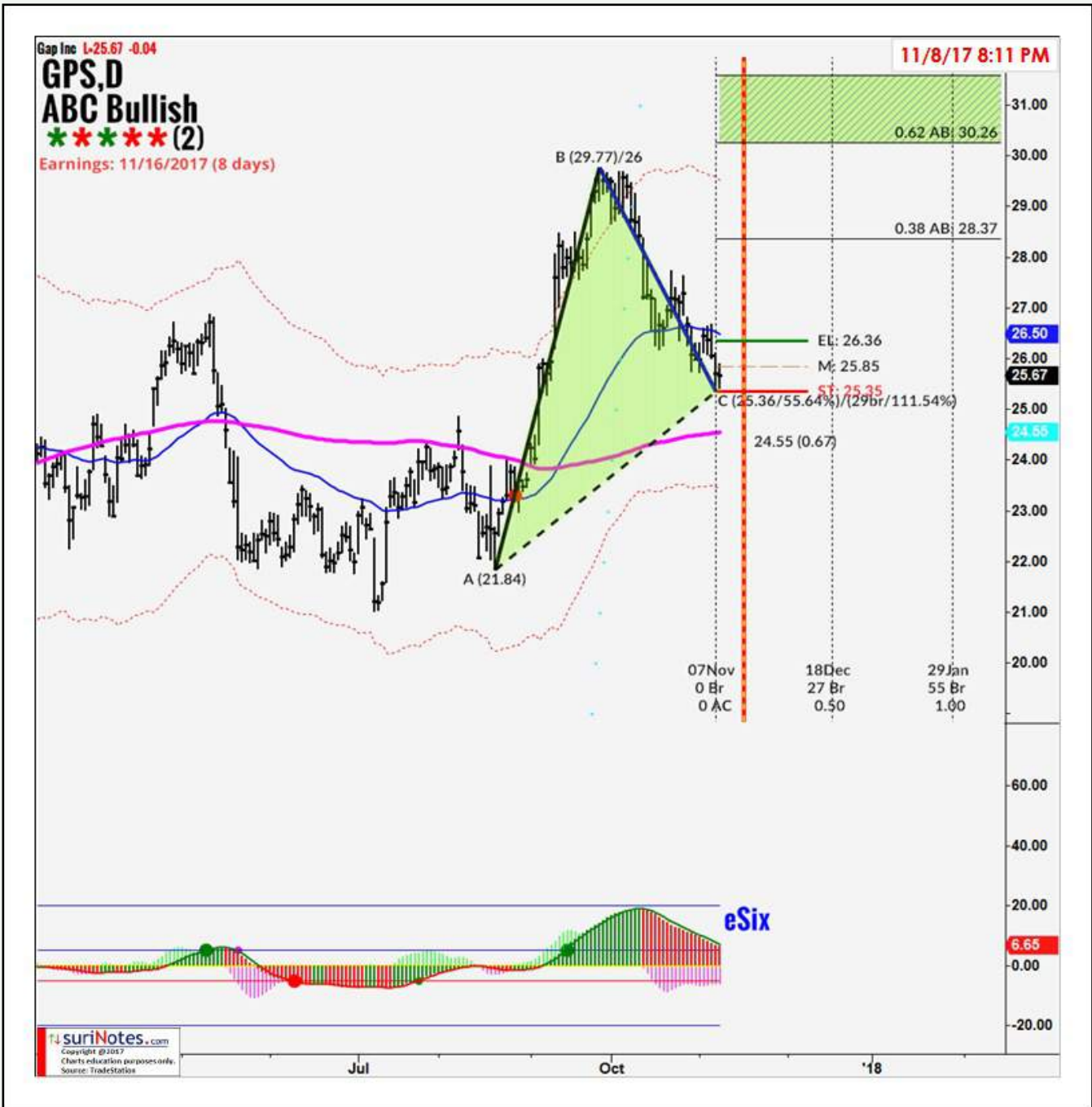
AMAT Asc. Triangle Pattern



Reviewed in CPAT 9/18/17

AMAT Earnings: 11/16. AMAT is trading in Ascending triangle from September. Top trendline is at \$47.59.

GPS ABC Bullish Pattern



GPS Earnings 11/16/17. GPS is forming ABC Bullish pattern. ESIX trend is still red and pattern is not fully complete.

SPLK Cup & Handle Patterns



Reviewed in CPAT 10/23/17

SPLK (D) is trading in Cup & Handle Pattern. Entry above breakout level: 69.23, Handle Low: 62.34, 45.75% below breakout level. T1: 78.5 to 81.1 T2: 88.4 to 93.6

WMT (W) ABC Bullish Pattern



Reviewed in CPAT 10/16/17

\$WMT (W, Earnings: 11/16/17) ABC Bullish Pattern Long Entry above 68.50, Stop below 65.27 (-3.23), Target1 Zone: 77.0 to 80.1, Target2 Zone: 89.3 to 95.9

HD Parabolic Arc Pattern



HD (W, Earnings: 11/14/17) is trading in a Parabolic Arc pattern. HD has been rising since 2009 from a low of \$17 to a high of \$164 in 2017. Parabolic Arc patterns are long-term patterns. HD Parabolic Arc does not have a trade trigger.

YY ABC Bullish Pattern



Reviewed in CPAT 10/30/17

YY (Daily, Earnings: 11/14/17) is trading in ABC Bullish Pattern. YY's ABC long entry is above \$40.15, Stop below 37.80. YY (W) ABC Bullish Pattern Long Entry above 42.01, Stop below 37.80 (-4.21), Target1 Zone: 54.0 to 58.4, Target2 Zone: 71.0 to 80.2

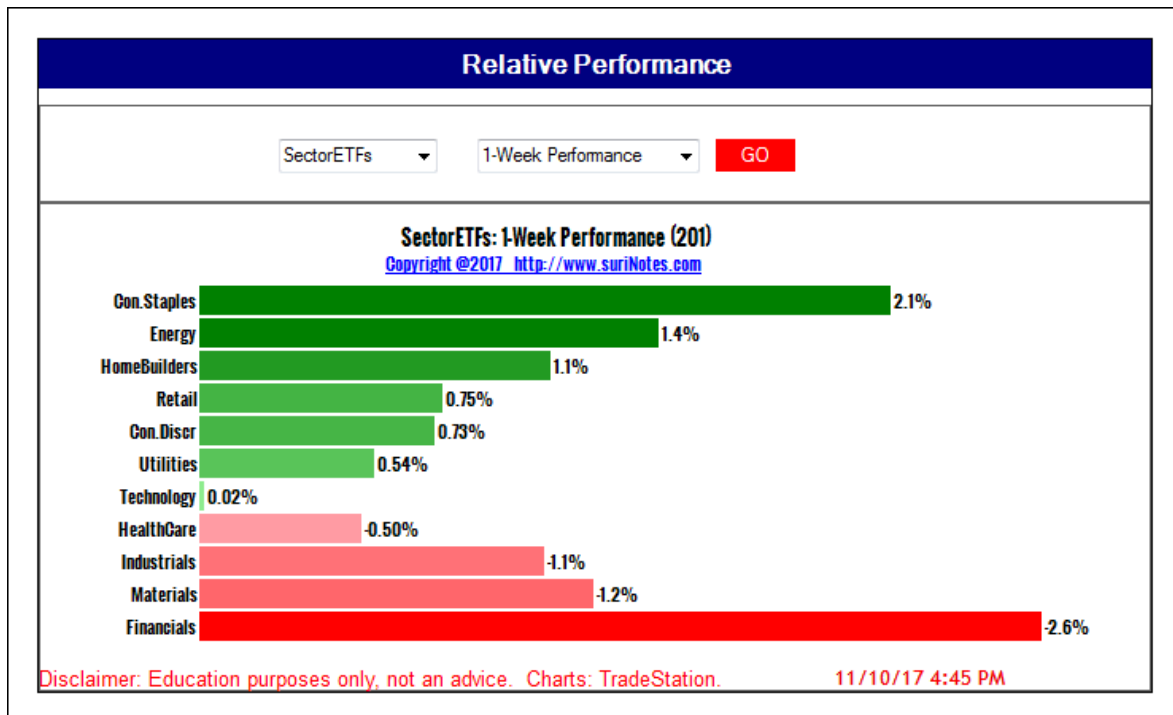
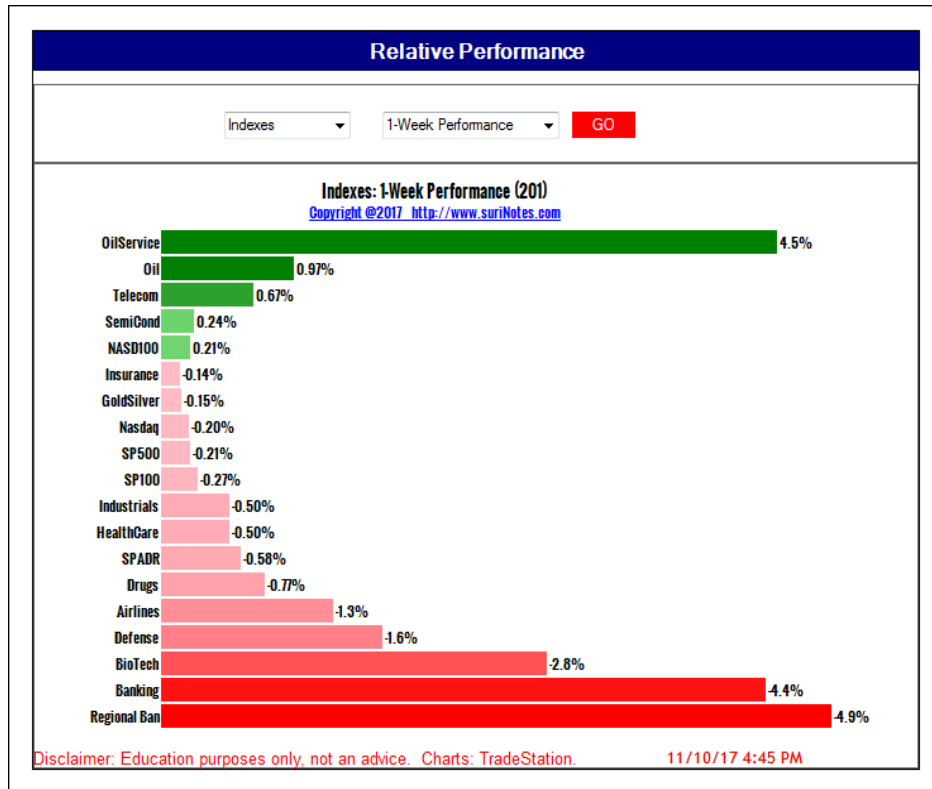
Weekly Relative Performances



Sector & Indexes Relative Performances

Winners: Oil, Energy, Telecom

Losers: Financials, Industrials, Banking



Dow 30 Weekly Relative Performance

Relative Performance

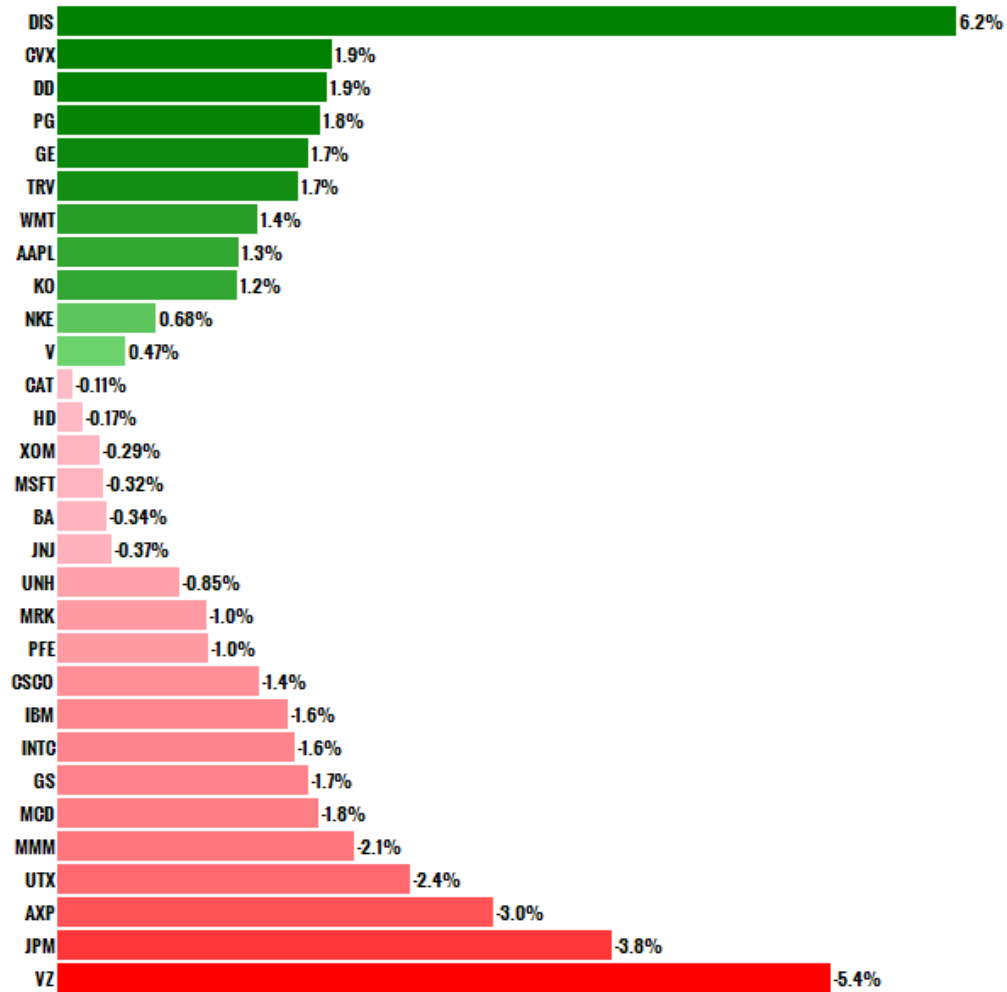
Dow30

1-Week Performance

GO

Dow30: 1-Week Performance (201)

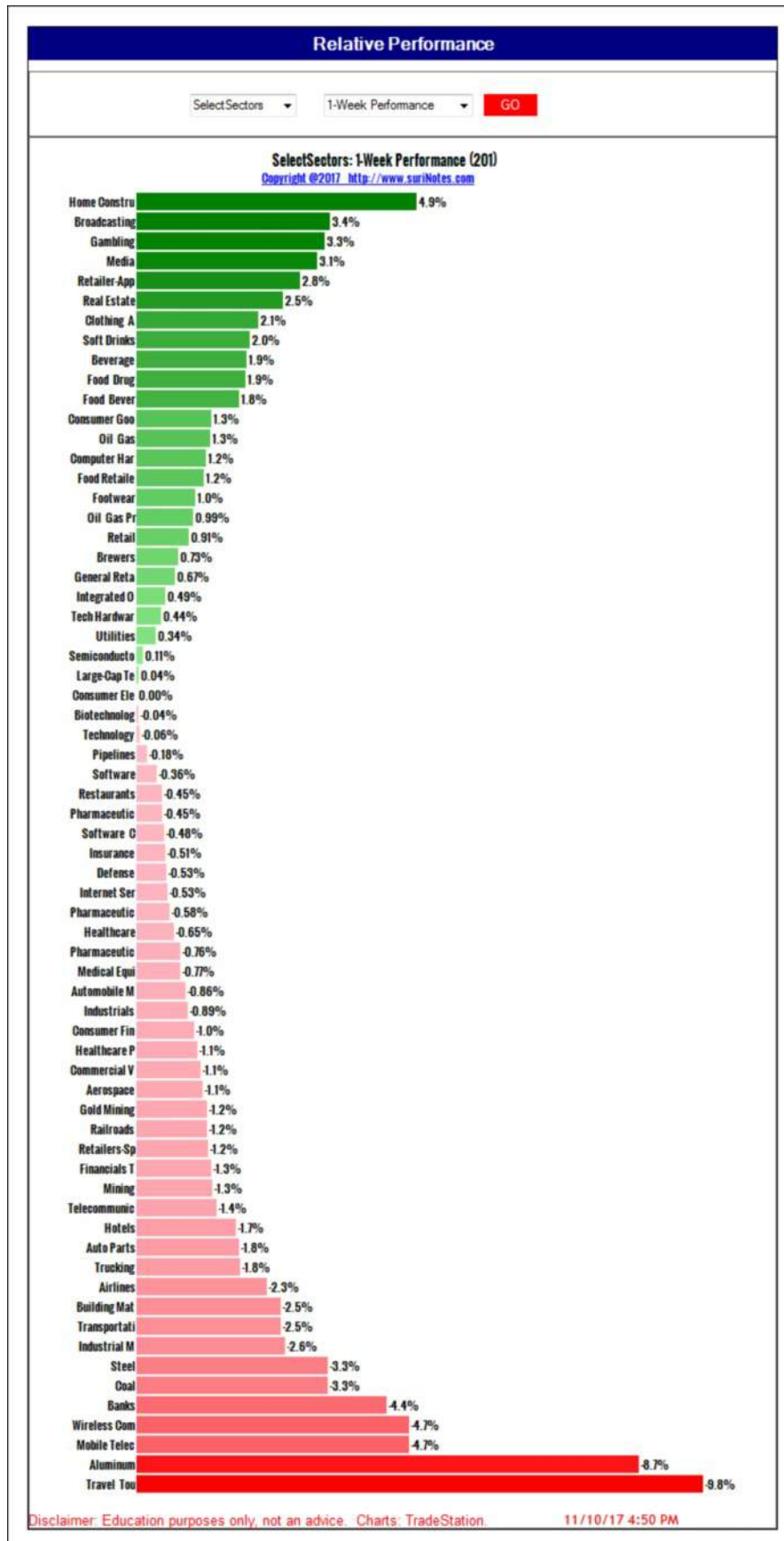
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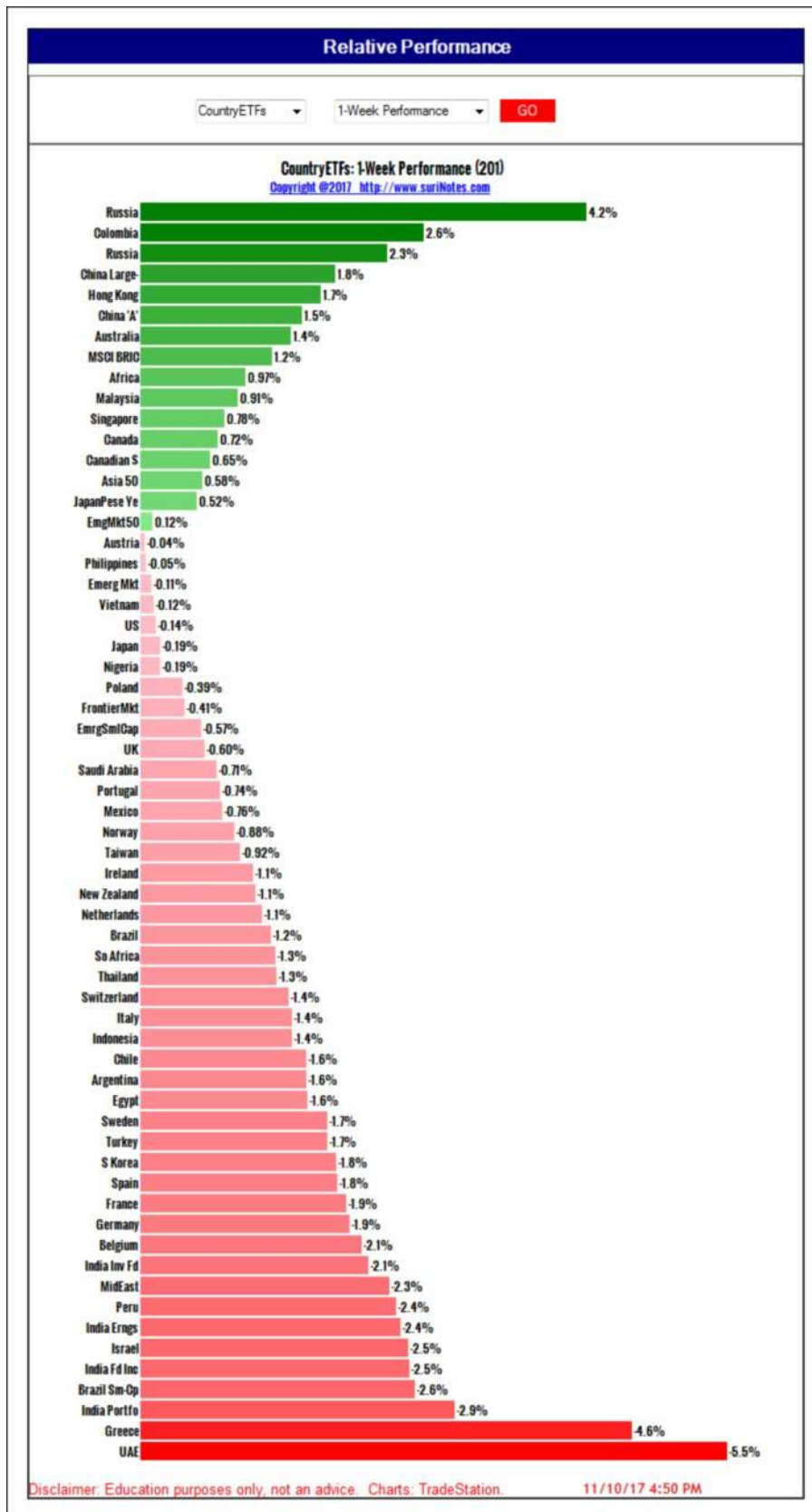
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11/10/17 4:48 PM

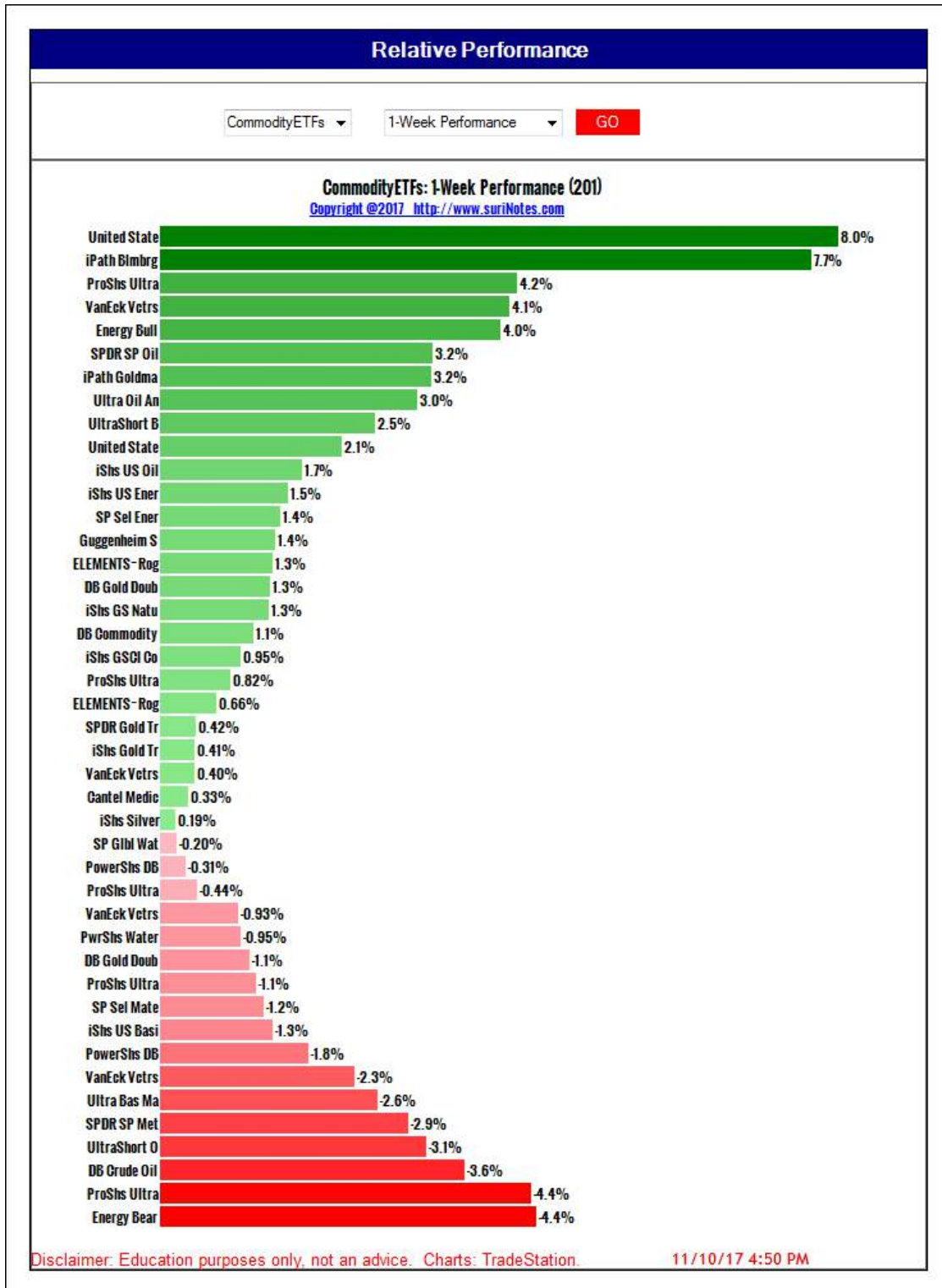
Select Sectors Weekly Performance



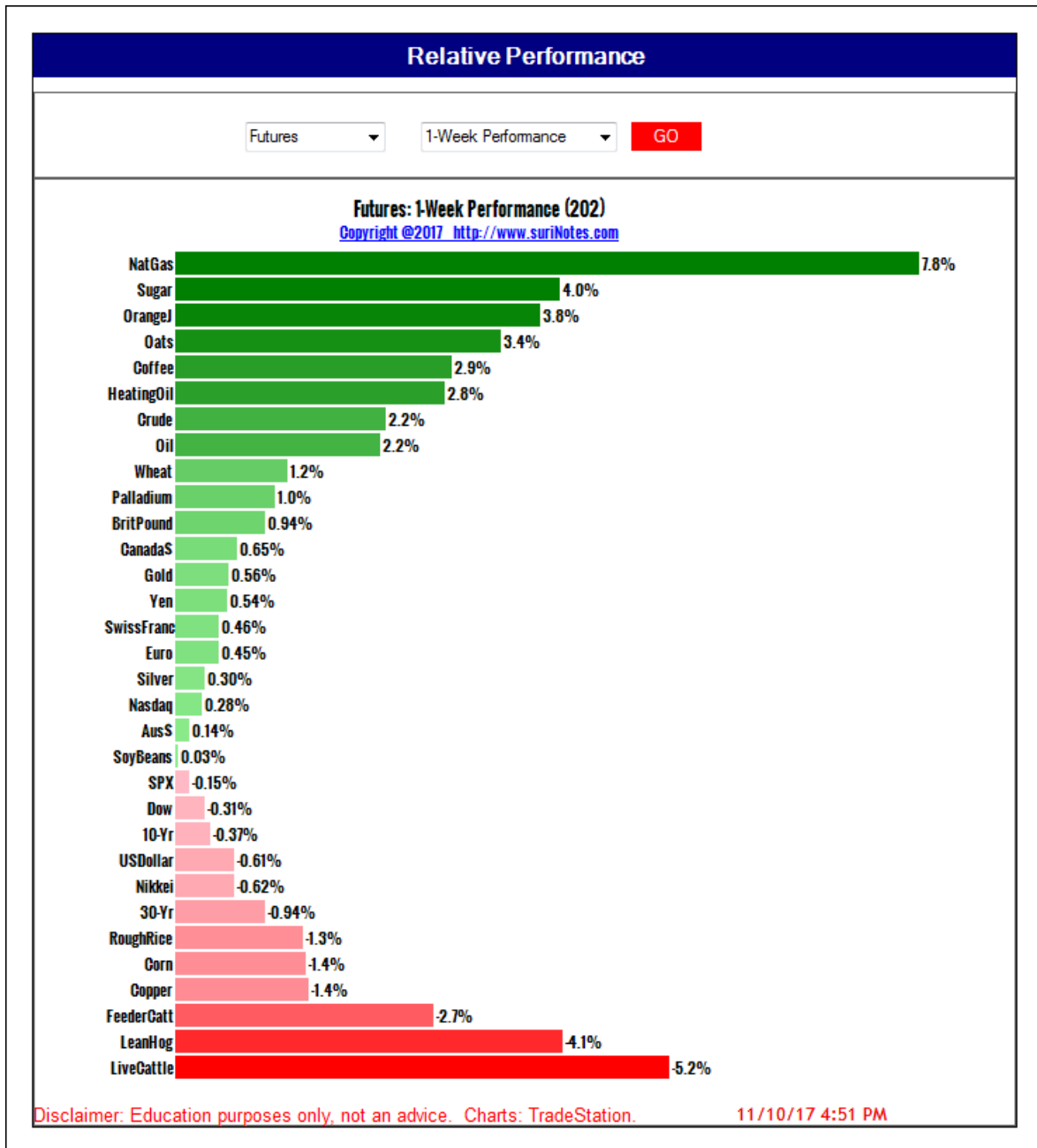
Country ETFs Weekly Performance



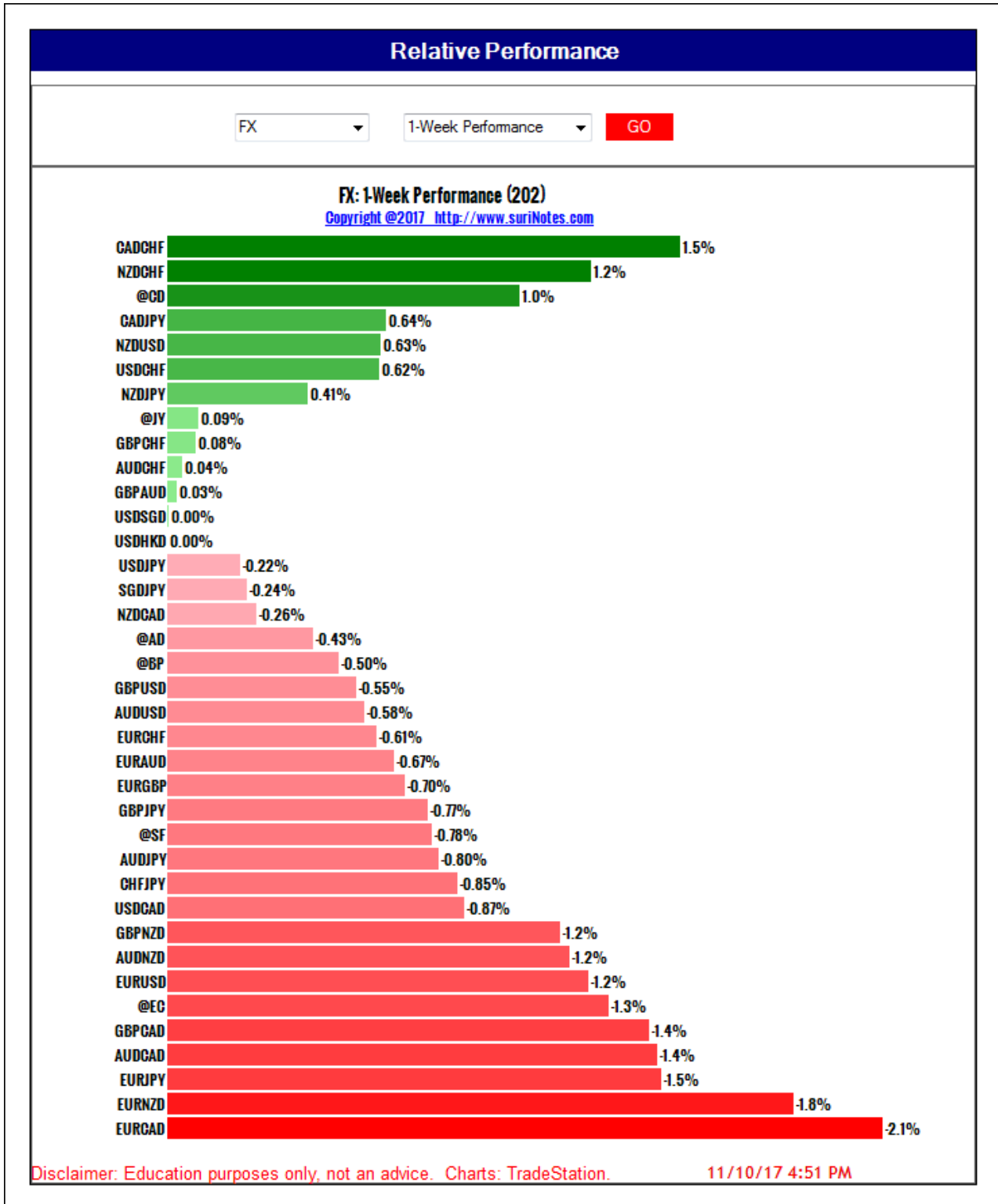
Commodity ETFs Weekly Performance



Futures Weekly Performance



FX Weekly Performance


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11/10/17 4:51 PM



Watch Lists

Momentum

Relative Strength

Bullish/Bearish Lists

NH/NL

Oversold/Overbought

Key Retracements

Relative Strength Ranks (200)

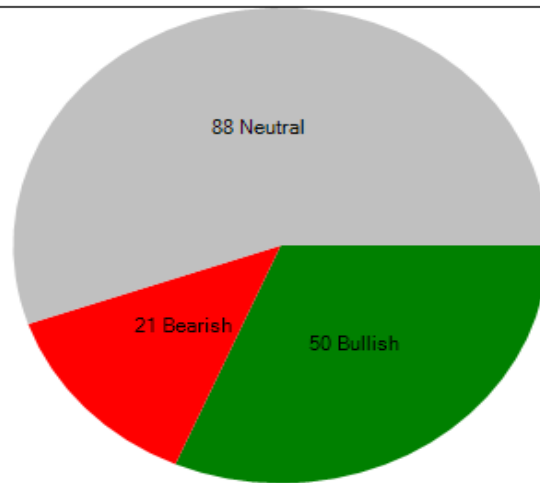
S...	PlotS... Sym	Last	surf.RS.RSR			PlotS... Sym			Last	surf.RS.RSR			PlotS... Sym																			
			YTD	1M	3M	1YR	YTD	1M		3M	1YR	YTD	1M	3M	1YR																	
1	ALNY	139.99	100	92	100	99	42	MXIM	53.54	79	84	86	76	83	JBL	28.58	58	48	21	71	112.75	37	52	19	39	1...	ESRX	60.05	16	72	23	9
2	OLED	175.95	100	100	100	100	43	EQIX	482.21	78	75	59	82	84	DECK	68.26	57	36	50	52	120.96	36	5	5	24	1...	JNPR	25.00	16	17	15	26
3	MU	44.77	99	82	99	99	44	MCD	165.59	78	55	49	81	85	OSIS	90.23	57	23	69	61	197.91	36	55	37	29	1...	CELG	102.47	15	2	3	12
4	NVDA	216.40	99	94	95	100	45	FXI	47.12	77	63	76	66	86	LOGM	115.50	56	41	23	43	35.18	35	27	51	32	1...	WAGE	61.50	15	28	48	13
5	FSLR	61.59	98	99	94	98	46	MNST	61.22	77	89	78	88	87	NXPI	116.00	56	46	40	55	404.99	35	10	7	21	1...	TGT	61.40	14	69	70	16
6	SINA	105.84	98	16	57	93	47	MSFT	83.77	76	88	79	79	88	DIA	234.36	55	62	55	62	309.40	34	17	62	22	1...	WBA	70.99	14	64	11	16
7	ISRG	389.15	97	83	90	97	48	SPLK	70.00	76	89	87	56	89	SYMC	28.26	55	11	25	44	88.19	34	26	20	34	1...	JWN	40.00	13	18	13	7
8	RHT	124.18	97	72	92	91	49	CERN	65.31	75	14	42	68	90	BAC	26.51	54	62	63	78	14.45	33	44	35	31	1...	FFV	119.96	12	66	29	14
9	AMAT	56.24	96	77	96	98	50	WMT	90.92	75	78	77	64	91	ICE	66.27	54	23	33	48	10.32	33	48	97	21	1...	UTHR	120.52	12	47	16	20
10	WYNN	153.50	96	82	89	96	51	CTSH	74.05	74	49	41	76	92	CTXS	83.96	53	73	74	59	54.66	32	25	37	53	1...	SFLY	40.50	11	5	10	11
11	ADBE	181.72	95	98	91	95	52	TXN	96.87	74	73	67	77	93	MLNX	49.19	53	64	75	41	57.04	32	61	58	36	1...	TSCO	62.67	11	76	83	17
12	MELI	269.23	95	35	80	94	53	GOOG	1,027.85	73	71	75	72	94	FDX	218.15	52	32	47	51	60.87	31	19	51	36	1...	UAL	58.52	10	7	12	23
13	BA	268.85	94	43	69	96	54	IFN	27.66	73	52	29	48	95	XLV	81.20	52	33	39	44	104.76	31	21	5	28	1...	VZ	44.88	10	15	16	22
14	DATA	71.90	94	20	38	87	55	NTAP	46.34	72	81	71	77	96	FEVE	14.21	51	3	27	28	112.17	30	40	67	15	1...	AKAM	54.09	9	81	82	10
15	ADSK	123.11	93	70	70	94	56	SAP	112.54	72	44	55	71	97	IBB	312.18	51	15	30	37	15.01	30	64	21	31	1...	X	27.67	9	85	86	42
16	SODA	63.13	93	56	48	97	57	CREE	34.45	71	98	98	85	98	ATHN	124.64	50	67	11	61	116.97	29	33	60	38	1...	BWLD	118.85	8	97	57	8
17	ILMN	208.94	92	51	59	86	58	XLK	63.50	71	76	67	74	99	SPY	257.96	50	54	45	51	73.77	29	10	33	28	1...	RDY	35.52	8	34	83	7
18	WDAY	107.31	92	37	46	68	59	KLAC	102.18	70	32	76	75	1...	PCLN	1,095.50	49	18	6	49	240.15	28	38	52	52	1...	CMG	279.45	7	11	9	6
19	SOHU	54.40	91	25	24	89	60	QQQ	153.66	70	69	56	70	1...	XLU	55.51	49	61	39	54	6.11	28	95	92	46	1...	ULTA	200.76	7	28	4	12
20	VMW	122.15	91	85	93	91	61	ORCL	49.32	69	60	31	62	1...	AMGN	172.35	48	20	28	46	56.69	27	65	27	34	1...	APA	44.13	6	75	54	9
21	ABBV	95.43	90	66	97	86	62	WDC	88.90	69	71	60	89	1...	SSYS	20.40	48	9	14	30	48.89	27	16	22	35	1...	IMAX	23.20	6	86	93	8
22	FB	178.05	90	67	44	85	63	KORS	54.71	68	97	91	33	1...	GD	200.18	47	22	26	53	104.78	26	79	40	40	1...	MSTR	133.46	5	50	41	5
23	NFLX	191.95	89	34	77	93	64	NOC	298.13	68	50	68	58	1...	XLI	71.08	47	37	42	49	64.67	26	99	90	23	1...	TRIP	31.55	5	3	2	4
24	AAPL	174.52	87	91	66	92	65	LVS	67.51	67	80	73	47	1...	BUD	118.09	46	24	34	39	44.50	25	80	71	15	1...	FAZ	13.70	4	40	8	3
25	AMZN	1,125.35	87	94	80	87	66	YUM	79.49	67	70	43	67	1...	MS	48.76	46	39	47	65	112.93	25	24	26	27	1...	GE	20.49	4	9	4	5
26	CRM	105.22	87	87	84	79	67	HON	145.75	66	60	50	66	1...	CTRP	45.50	45	6	10	43	8.58	24	8	12	11	1...	DDD	8.75	3	1	1	4
27	AVGO	264.95	86	77	52	90	68	IDXX	147.55	66	19	19	73	1...	PM	103.02	45	12	15	47	64.92	24	68	61	45	1...	M	19.98	3	31	24	3
28	SWKS	110.48	86	74	45	82	69	INTC	45.58	65	96	94	69	1...	COST	171.27	44	83	62	59	19.25	23	26	22	24	1...	JCP	3.15	2	12	7	2
29	CAT	136.48	85	78	80	83	70	JAZZ	138.70	65	30	20	58	111	MON	118.30	44	36	31	57	65.02	23	45	28	33	1...	SHLD	4.58	2	1	1	2
30	MCHP	91.56	85	43	65	83	71	AXP	93.50	64	58	66	70	1...	JPM	97.51	43	47	49	63	86.63	22	57	36	10	1...	FOSL	6.60	1	4	3	1
31	FARO	53.00	84	100	99	90	72	GRMN	60.59	64	92	85	60	1...	LLY	82.98	43	29	36	35	37.98	22	95	84	32	1...	TEVA	11.79	1	2	2	1
32	TSM	41.75	84	68	82	78	73	TWTR	20.32	63	96	95	41	1...	CSCO	34.02	42	53	56	40	115.17	21	4	9	17	1...						
33	MA	149.54	83	59	79	80	74	CAVM	76.89	62	93	96	84	1...	KO	46.53	42	49	34	45	12.01	21	30	70	29		F					
34	VRSN	109.33	83	54	73	73	75	LMT	311.12	62	31	32	57	1...	AMTD	48.76	41	56	72	74	55.38	20	7	14	14		MRK					
35	FAS	59.24	82	45	81	95	76	CHKP	102.51	61	8	18	55	1...	XLF	26.06	41	39	43	56	70.22	20	29	30	19		TJX					
36	SHW	389.46	82	57	81	84	77	GM	42.66	61	21	89	67	1...	GLD	121.20	40	35	25	30	69.65	19	58	65	26		XLE					
37	BIDU	236.70	81	13	53	81	78	CME	137.88	60	46	72	50	1...	PANW	139.49	40	22	58	18	40.18	19	42	32	18		XRT					
38	V	111.88	81	65	68	75	79	JUNJ	139.55	60	59	44	50	1...	TARO	117.57	39	79	85	37	149.16	18	51	46	19		IBM					
39	NTES	302.87	80	93	64	69	80	XHBP	40.85	59	53	53	60	1...	UBNT	62.54	39	91	18	54	25.40	18	90	98	6		URBN					
40	TSLA	303.00	80	6	92	81		YELP	45.99	59	74	61	64	1...	NKE	56.09	38	90	17	42	57.00	17	41	8	27		CBS					
Disclaimer: Use at your own risk. Data as of 11/10/17 4:53 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	174.52	68	91	66	92	42	CYX	116.97	29	33	60	38	83	IMAX	23.20	6	66	93	8	1...	NVDA	216.37	99	94	95	100	1...	TXN	96.87	74	73	87	77
2	ABBV	95.43	90	66	97	86	43	CYBR	44.50	25	80	71	15	84	INCY	104.76	31	21	5	28	1...	NXPI	116.00	56	46	40	55	1...	UAL	58.52	10	7	12	23
3	ADBE	181.72	95	98	91	95	44	DAL	48.89	27	16	22	35	85	INCY	15.01	30	64	21	31	1...	OIL	6.11	28	95	92	46	1...	UBNT	62.54	39	91	18	54
4	ADSK	123.11	93	70	78	94	45	DATA	71.90	94	20	38	87	86	INTC	45.48	65	96	94	69	1...	OLED	175.95	100	100	100	100	1...	ULTA	200.76	7	28	4	12
5	AKAM	54.09	9	81	82	10	46	DDD	8.75	3	1	1	4	87	IP	54.85	32	25	37	53	1...	ORCL	49.32	69	60	31	62	1...	ULTI	197.91	36	55	37	29
6	ALNY	139.99	100	92	100	99	47	DECK	68.26	57	36	50	52	88	ISRG	389.15	97	83	90	97	1...	OSIS	90.23	57	23	69	61	1...	UPS	112.93	25	24	26	27
7	ALXN	115.17	21	4	9	17	48	DIA	234.43	55	62	55	62	89	JAZZ	138.70	65	30	20	58	1...	PANW	139.49	40	22	58	18	1...	URBN	25.40	18	90	98	6
8	AMAT	56.24	96	77	96	98	49	DIS	104.78	26	79	40	40	90	JBL	28.58	58	48	21	71	1...	PCLN	1,695.50	49	18	6	49	1...	UTHR	120.52	12	47	16	20
9	AMBA	56.45	37	87	64	25	50	EQX	482.21	78	75	59	82	91	JCP	3.15	2	12	7	2	1...	PEP	112.75	37	52	19	39	1...	V	111.88	81	65	68	75
10	AMGN	172.35	48	20	28	46	51	ESRX	60.05	16	72	23	9	92	JNJ	139.55	60	59	44	50	1...	PEE	35.18	35	27	51	32	1...	VMW	122.15	91	85	93	91
11	AMTD	48.76	41	56	72	74	52	EXPE	120.96	36	5	5	24	93	JNPR	25.00	16	17	15	26	1...	PG	88.19	34	26	20	34	1...	VRSN	109.33	83	54	73	73
12	AMZN	1,125.35	87	94	80	87	53	F	12.04	21	30	70	29	94	JPM	97.51	43	47	49	63	1...	PM	103.02	45	12	15	47	1...	VZ	44.88	10	15	16	22
13	APA	44.13	6	75	54	9	54	FARO	53.00	84	100	99	98	95	JWN	40.00	13	18	13	7	1...	QCOM	64.67	26	99	90	23	1...	WAGE	61.50	15	28	48	13
14	ATHN	124.64	50	67	11	61	55	FAS	59.24	82	45	81	95	96	KLAC	102.18	70	32	76	75	1...	QOQ	153.66	70	69	56	70	1...	WBA	70.99	14	64	11	16
15	AVGO	264.95	86	77	52	90	56	FAZ	13.70	4	40	8	3	97	KO	46.54	42	49	34	45	1...	RDY	35.52	8	34	83	7	1...	WDAY	107.31	92	37	46	68
16	AXP	93.50	64	58	66	70	57	FB	178.14	90	67	44	85	98	KORS	54.71	68	97	91	33	1...	REGN	404.99	35	10	7	21	1...	WDC	88.90	69	71	60	89
17	BA	260.85	94	43	69	96	58	FOX	14.45	33	44	35	31	99	LIV	82.98	43	29	36	35	1...	RHT	124.18	97	72	92	91	1...	WHR	162.05	17	14	17	25
18	BAC	26.51	54	62	63	78	59	FDX	218.15	52	32	47	51	1...	LMT	311.12	62	31	32	57	1...	RL	86.63	22	57	36	10	1...	WMT	90.92	75	78	77	64
19	BIDU	236.70	81	13	53	81	60	FEYE	14.21	51	3	27	28	1...	LOGM	115.50	56	41	23	43	1...	SAP	112.54	72	44	55	71	1...	WYNN	153.50	96	82	89	96
20	BBIB	309.40	34	17	62	22	61	FFV	119.96	12	66	29	14	1...	LULU	64.92	24	68	61	45	1...	SBUX	57.04	32	61	58	36	1...	X	27.67	9	85	86	42
21	BMY	60.87	31	19	51	36	62	FOSL	6.60	1	4	3	1	1...	LVS	67.51	67	80	73	47	1...	SFLY	40.50	11	5	10	11	1...	XHB	40.85	59	53	53	60
22	BUD	118.09	46	24	34	39	63	FSLR	61.59	98	99	94	98	1...	M	19.98	3	31	24	3	1...	SHLD	4.58	2	1	1	2	1...	XLE	69.65	19	58	65	26
23	BWLD	118.85	8	97	57	8	64	FXI	47.12	77	63	76	66	1...	MA	149.54	83	59	79	80	1...	SHW	389.46	82	57	81	84	1...	XLF	26.06	41	39	43	56
24	C	72.24	58	27	54	72	65	GD	200.18	47	22	26	53	1...	MCD	165.99	78	55	49	81	1...	SINA	105.84	98	16	57	93	1...	XLI	71.08	47	37	42	49
25	CAT	136.48	85	78	88	83	66	GE	20.49	4	9	4	5	1...	MCHP	91.56	85	43	65	83	1...	SODA	63.13	93	56	48	97	1...	XLK	63.50	71	76	67	74
26	CAVM	76.89	62	93	96	84	67	GILD	73.77	29	10	33	20	1...	MELI	269.23	95	35	80	94	1...	SOHU	54.40	91	25	24	89	1...	XLU	55.51	49	61	39	54
27	CBS	57.00	17	41	8	27	68	GLD	121.19	40	35	25	30	1...	MLNX	49.19	53	84	75	41	1...	SPLK	70.00	76	89	87	56	1...	XLV	81.20	52	33	39	44
28	CELG	102.47	15	2	3	12	69	GM	42.66	61	21	89	67	1...	MNST	61.22	77	89	78	80	1...	SPY	257.95	50	54	45	51	1...	XONE	10.32	33	48	97	21
29	CERN	65.31	75	14	42	68	70	GOOG	1,027.85	73	71	75	72	111	MO	65.02	23	45	28	33	1...	SSYS	20.40	48	9	14	30	1...	XRT	40.18	19	42	32	18
30	CHKP	102.51	61	8	18	55	71	GPRO	8.58	24	8	12	11	1...	MON	118.30	44	36	31	57	1...	STX	37.98	22	95	84	32	1...	YELP	45.99	59	74	61	64
31	CME	137.88	60	46	72	50	72	GRMN	60.59	64	92	85	60	1...	MRK	55.38	20	7	14	14	1...	SWKS	110.48	86	74	45	82	1...	YUM	79.49	67	70	43	67
32	CMG	279.45	7	11	9	6	73	G5	240.15	28	38	52	52	1...	MS	48.76	46	39	47	65	1...	SYMC	28.26	55	11	25	44	1...						
33	COST	171.27	44	83	62	59	74	GWPH	112.17	30	40	67	15	1...	MSFT	83.77	76	88	79	79	1...	TARO	117.57	39	79	85	37							
34	CRAY	19.25	23	26	22	24	75	HON	145.75	66	60	50	66	1...	MSTR	133.46	5	50	41	5	1...	TEVA	11.79	1	2	2	1							
35	CREE	34.45	71	98	98	85	76	IBB	312.18	51	15	30	37	1...	MU	44.77	99	82	99	99	1...	TGT	61.40	14	69	70	16							
36	CRM	105.22	87	84	74	77		IBM	149.16	18	51	46	19	1...	MXIM	53.54	79	84	86	76	1...	TJX	70.22	20	29	30	19							
37	CRUS	56.69	27	65	27	34	78	ICE	66.27	54	23	33	48	1...	NFLX	191.95	89	34	77	93	1...	TRIP	31.55	5	3	2	4							
38	CSCO	33.99	42	53	56	40	79	IDXX	147.55	66	19	19	73	1...	NKE	56.09	38	90	17	42	1...	TSCO	62.67	11	76	83	17							
39	CTRP	45.50	45	6	10	43	80	IFN	27.66	73	52	29	48	1...	NOC	298.13	68	50	68	58	1...	TSLA	302.97	80	6	6	92							
40	CTSH	74.05	74	49	41	76	81	IF	35.43	79	42	35	65	1...	NTAP	46.34	72	81	71	77	1...	TSM	41.75	84	68	82	78							
41	CTSI	83.96	53	53	53	53	53	IF	208.95	51	59	86	1...	NTES	302.87	80	93	64	69	1...	TWTR	20.32	63	96	95	41								

11/10/17 4:54 PM

Bullish/Bearish List



	PlotSym...	Last	suri.Bull...		PlotSym...	Last	suri.Bull...		PlotSym...	Last	suri.Bull...
	mt		Direc.		mt		Direc.		mt		Direc.
	Sym				Sym				Sym		
1	AAL	45.51	BEAR	25	ALNY	139.99	BULL	49	NTES	302.87	BULL
2	ALXN	115.17	BEAR	26	AMBA	56.45	BULL	50	NVDA	216.40	BULL
3	AMD	11.24	BEAR	27	AMZN	1,124.89	BULL	51	OLED	175.94	BULL
4	CELG	102.47	BEAR	28	AVGO	264.95	BULL	52	QCOM	64.67	BULL
5	CHKP	102.51	BEAR	29	COST	171.27	BULL	53	QQQ	153.63	BULL
6	CTRP	45.50	BEAR	30	CREE	34.45	BULL	54	RHT	124.18	BULL
7	DAL	48.89	BEAR	31	CRM	105.22	BULL	55	SBUX	57.04	BULL
8	DDD	8.75	BEAR	32	CTXS	83.96	BULL	56	SPLK	70.00	BULL
9	EXPE	120.74	BEAR	33	FSLR	62.00	BULL	57	SPY	257.95	BULL
10	GE	20.49	BEAR	34	FXI	47.12	BULL	58	STX	37.98	BULL
11	GILD	73.83	BEAR	35	GOOG	1,027.85	BULL	59	SWKS	110.48	BULL
12	JAZZ	138.70	BEAR	36	GRMN	60.59	BULL	60	TARO	117.57	BULL
13	MRK	55.38	BEAR	37	INTC	45.58	BULL	61	TGT	61.21	BULL
14	PCLN	1,695.50	BEAR	38	KO	46.54	BULL	62	TSCO	62.67	BULL
15	SSYS	20.40	BEAR	39	KORS	54.71	BULL	63	TWTR	20.32	BULL
16	SYMC	28.26	BEAR	40	LULU	64.92	BULL	64	TXN	96.87	BULL
17	TJX	70.22	BEAR	41	LVS	67.51	BULL	65	V	111.88	BULL
18	TRIP	31.55	BEAR	42	MCD	165.59	BULL	66	VMW	122.15	BULL
19	TSLA	302.97	BEAR	43	MNST	61.22	BULL	67	WMT	90.92	BULL
20	UAL	58.52	BEAR	44	MSFT	83.80	BULL	68	WYNN	153.50	BULL
21	VZ	44.88	BEAR	45	MU	44.80	BULL	69	XLE	69.67	BULL
22	AAPL	174.56	BULL	46	MXIM	53.54	BULL	70	XLK	63.51	BULL
23	ADBE	181.72	BULL	47	NKE	56.09	BULL	71	XLU	55.51	BULL
24	AKAM	54.09	BULL	48	NTAP	46.34	BULL	72	ADSK	123.11	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	45.51	54.48	39.21	DECK	68.26	73.45	44.00	LLY	82.98	89.09	64.18	SOHU	54.40	70.86	32.60
AAPL	174.51	176.24	104.08	DIA	234.36	235.88	187.41	LMT	311.17	322.19	245.50	SPLK	70.00	71.46	50.64
ADBE	181.72	184.44	98.00	DIS	104.95	116.10	95.78	LOGM	115.50	129.51	90.35	SPY	257.95	259.35	215.32
ADSK	123.11	126.44	67.15	ESRX	60.05	77.50	55.80	LULU	64.92	72.70	47.26	SSYS	20.40	30.88	16.37
AKAM	54.09	71.64	44.65	EXPE	120.74	161.00	111.88	LVS	67.51	68.41	51.35	STX	37.98	50.96	30.60
ALNY	139.99	147.63	35.98	F	12.04	13.27	10.47	M	20.00	45.41	17.41	SWKS	110.48	117.65	71.65
ALXN	115.17	149.34	96.18	FAS	59.24	62.48	33.12	MA	149.54	152.00	99.51	SYMC	28.26	34.20	22.76
AMAT	56.24	57.34	28.24	FAZ	13.68	27.63	12.97	MCD	165.59	170.92	114.17	TARO	117.57	128.46	94.00
AMBA	56.45	65.78	40.06	FB	178.03	182.90	113.55	MCHP	91.56	95.92	60.77	TGT	61.21	79.33	48.56
AMD	11.25	15.65	6.47	FCX	14.45	17.06	10.50	MELI	269.23	297.95	148.98	TJX	70.22	80.92	66.65
AMGN	172.35	191.10	138.83	FDX	218.15	231.35	182.11	MNST	61.22	59.88	40.64	TRIP	31.55	53.58	29.79
AMTD	48.76	51.22	35.57	FFIV	119.96	149.50	114.63	MO	65.02	77.79	60.01	TSCO	62.67	78.25	49.87
AMZN	1,124.75	1,135.54	710.10	FOSL	6.62	36.87	5.50	MON	118.30	122.79	97.35	TSLA	302.97	389.61	178.19
AVGO	264.95	281.80	160.62	FSLR	62.00	62.57	25.56	MRK	55.38	66.80	54.41	TWTR	20.32	21.96	14.12
AXP	93.50	96.90	69.65	FXI	47.12	46.99	33.91	MS	48.79	51.52	37.34	TXN	96.87	99.05	69.00
BA	260.85	267.62	144.46	GD	200.18	214.81	164.09	MSFT	83.80	86.20	57.28	UAL	58.52	83.04	55.75
BAC	26.50	27.98	18.63	GE	20.49	32.38	19.63	MSTR	133.46	207.28	122.90	ULTA	200.76	314.86	187.96
BIDU	236.71	274.97	159.54	GILD	73.83	86.27	63.76	MU	44.81	45.33	16.90	ULTI	197.91	233.42	180.29
BIIB	309.40	348.84	244.28	GLD	121.18	128.32	107.00	MXIM	53.54	55.43	37.32	UPS	112.93	121.75	102.12
BMY	60.87	66.10	46.01	GM	42.66	46.76	31.92	NFLX	192.08	204.38	110.68	UTHR	120.52	169.89	112.01
BUD	118.09	126.50	98.28	GOOG	1,027.85	1,048.39	727.54	NKE	56.09	60.53	49.75	V	111.88	112.90	75.17
BWLD	118.85	175.10	95.00	GPRO	8.58	12.47	7.14	NOC	298.13	306.61	220.72	VMW	122.15	121.49	74.85
C	72.24	76.14	51.60	GRMN	60.59	60.44	46.80	NTAP	46.34	47.20	33.26	VRSN	109.33	110.82	75.71
CAT	136.48	140.44	90.34	GS	240.10	255.15	198.25	NTES	302.87	337.55	211.11	VZ	44.88	54.83	42.80
CBS	56.91	70.10	52.75	GWPH	112.17	136.95	92.65	NVDA	216.39	212.90	78.50	WDAY	107.31	111.94	65.79
CELG	102.47	147.17	94.55	IBB	312.18	342.50	261.65	OLED	175.94	170.00	52.10	WDC	88.90	95.77	56.26
CERN	65.31	73.86	47.01	IBM	149.26	182.79	139.13	ORCL	49.32	53.14	37.64	WMT	90.92	90.57	65.28
CHKP	102.51	119.20	80.78	ICE	66.27	71.24	53.27	PANW	139.49	165.69	107.31	WYNN	153.50	154.28	82.51
CME	137.88	141.07	111.19	IFN	27.66	28.81	20.39	PCLN	1,695.50	2,067.99	459.49	X	27.67	41.83	18.55
CMG	279.40	499.00	264.90	IIF	35.43	36.78	23.30	PEP	112.75	119.39	98.50	XHB	40.85	41.59	32.94
COST	171.27	182.71	138.38	ILMN	208.94	214.50	119.37	PFE	35.18	36.78	30.51	XLE	69.67	78.45	61.80
CREE	34.45	37.43	20.50	IMAX	23.20	35.30	17.58	PG	88.16	94.67	81.18	XLF	26.06	26.93	21.40
CRM	105.22	105.25	66.43	INFY	15.01	16.15	13.42	QCOM	64.67	70.24	48.92	XLI	71.08	73.20	60.53
CSCO	33.99	34.75	29.12	INTC	45.58	47.30	33.23	QQQ	153.62	154.54	114.03	XLK	63.51	64.02	45.80
CTRP	45.50	60.65	39.71	IWM	146.55	150.68	124.55	RDY	35.52	49.41	29.83	XLU	55.51	55.90	45.33
CTSH	74.05	76.51	51.35	JAZZ	138.70	163.75	95.80	RHT	124.18	124.45	68.54	XLV	81.20	84.31	66.13
CTXS	83.96	87.99	66.29	JN1	139.56	144.35	109.32	RL	86.63	114.00	66.06	XONE	10.32	14.43	6.72
CVX	117.18	120.89	102.55	JNPR	25.00	30.96	23.87	SAP	112.54	116.90	80.93	XRT	40.18	48.26	37.72
CYBR	44.50	56.25	39.34	JPM	97.51	102.42	75.77	SBUX	57.04	64.87	50.84	YELP	46.00	48.17	26.93
DAL	48.89	55.75	43.81	KLAC	102.18	110.00	74.20	SHW	389.46	398.22	260.00				
DATA	71.90	82.32	41.41	KO	46.54	46.98	39.88	SINA	105.84	119.20	55.79				
DDD	8.75	23.70	8.08	KORS	54.71	55.25	32.38	SODA	63.13	69.00	32.48				

D%, W%, M%, YTD%

S...	PlotSym...	Last	suri.Chng%			YTD%	PlotSym...	Last	suri.Chng%			YTD%	PlotSym...	Last	suri.Chng%			YTD%									
			1D%	W%	M%				1D%	W%	M%				1D%	W%	M%		1D%	W%	M%						
1	AAL	45.51	0.11	(3.4)	(13.3)	(1.9)	42	8.75	0.92	(2.8)	(32.6)	(34.2)	83	KO	54.66	0.67	1.2	1.0	12.3	1...	SHW	389.46	0.62	(1.9)	1.7	44.9	
2	AAPL	174.51	-0.69	1.3	11.6	50.8	43	DECK	68.26	2.85	3.5	(1.1)	23.6	84	KORS	46.71	0.33	14.9	16.4	27.3	1...	SINA	105.84	-0.90	(3.3)	(7.1)	88.7
3	ABBE	181.72	-0.11	(0.3)	18.3	76.5	44	DIA	234.36	-0.12	(0.3)	2.5	18.7	85	LLY	82.98	-0.84	(0.3)	(3.2)	13.2	1...	SODA	63.13	-0.51	(4.8)	1.6	58.5
4	ADSK	123.11	0.58	(1.4)	3.8	66.3	45	DIS	104.88	2.01	6.2	6.3	0.5	86	LMT	311.17	0.03	0.4	(2.3)	24.5	1...	SOHU	54.40	-1.62	(4.5)	(4.3)	60.5
5	AKAM	54.09	0.76	2.4	7.4	(18.6)	46	ESRX	60.05	-1.17	(0.8)	4.1	(12.7)	87	LOGM	115.50	-0.48	(5.9)	(0.6)	20.2	1...	SPLK	70.00	-1.49	3.1	9.9	36.3
6	ALMY	139.99	1.64	5.8	12.1	273.9	47	EXPE	120.74	2.83	(1.9)	(18.0)	6.6	88	LULU	64.99	1.33	6.1	3.5	(0.2)	1...	SPY	257.95	-0.03	(0.1)	1.2	15.5
7	ALXN	115.17	-1.04	(2.4)	(18.5)	(5.9)	48	F	12.04	-0.17	(2.8)	(2.9)	(0.9)	89	LVS	67.51	-0.03	2.3	6.4	26.2	1...	SSYS	20.40	-1.71	(3.7)	(10.8)	23.6
8	AMAT	56.24	1.56	(0.3)	5.9	74.7	49	FAS	59.24	-0.52	(3.6)	0.3	44.8	90	M	19.99	2.40	8.8	(2.4)	(44.2)	1...	STX	37.98	1.53	4.6	13.4	(0.5)
9	AMBA	56.45	0.05	1.1	9.6	4.3	50	FAZ	13.68	0.44	3.7	(0.8)	(37.0)	91	MA	149.50	0.17	0.2	1.8	44.8	1...	SWKS	110.48	-0.64	(2.5)	4.7	47.9
10	AMD	112.25	1.24	1.3	(18.9)	(0.7)	51	FB	178.13	-0.47	(0.3)	3.3	55.1	92	MCD	165.59	-0.85	(1.8)	1.5	36.0	1...	SYMC	28.26	-0.81	(5.1)	(10.3)	18.7
11	AMGN	172.35	-0.96	(0.6)	(6.4)	17.9	52	FCX	14.45	-2.15	1.8	(0.1)	9.2	93	MCHP	91.56	0.82	(2.2)	(0.4)	42.7	1...	TARO	117.57	-0.01	2.8	6.4	11.8
12	AMTD	48.76	0.98	(1.7)	1.5	12.1	53	FDX	218.15	0.33	(2.7)	(2.0)	17.2	94	MELI	269.23	1.65	1.3	(1.3)	73.5	1...	TGT	61.21	2.44	3.4	3.8	(15.0)
13	AMZN	124.89	-0.34	1.2	13.1	50.1	54	FFIV	119.96	-1.04	0.1	3.2	(17.3)	95	MNST	61.22	4.05	6.1	9.8	37.9	1...	TJX	70.22	1.38	2.4	(3.2)	(6.5)
14	AVGO	264.95	-0.26	(3.2)	5.8	49.9	55	FOSL	6.62	13.94	(10.0)	(18.1)	(74.5)	96	MO	65.02	0.78	1.7	0.2	(3.8)	1...	TRIP	31.55	-1.19	(19.8)	(22.7)	(32.7)
15	AXP	93.50	-0.25	(3.0)	1.7	26.2	56	FSLR	62.00	1.70	2.9	30.5	91.9	97	MON	118.30	0.81	(1.3)	(1.3)	12.4	1...	TSCO	62.67	1.26	6.3	5.5	(17.3)
16	BA	260.85	-0.71	(0.3)	(0.2)	67.6	57	FXI	47.12	0.59	1.8	2.8	35.8	98	MRK	55.38	-1.32	(1.0)	(13.0)	(5.8)	1...	TSLA	302.97	0.00	(1.0)	(14.6)	41.8
17	BAC	26.49	0.08	(4.7)	2.6	20.0	58	GD	200.18	0.45	(2.1)	(6.1)	15.7	99	MS	48.79	-0.12	(2.5)	(0.9)	15.4	1...	TWTR	20.33	2.07	2.1	14.6	24.7
18	BIDU	236.71	-1.12	(1.7)	(8.8)	44.4	59	GE	20.49	2.44	1.7	(11.2)	(35.2)	1...	MSFT	83.80	-0.26	(0.3)	9.7	35.0	1...	TXN	96.87	-0.11	(1.1)	4.4	32.8
19	BIIB	309.40	0.15	(1.2)	(6.8)	9.5	60	GILD	73.83	1.02	0.4	(10.7)	3.0	1...	MSTR	133.46	0.08	(0.1)	1.0	(32.4)	1...	UAL	58.49	0.22	(1.9)	(13.2)	(19.7)
20	BMY	60.87	-1.94	(2.3)	(6.6)	4.1	61	GLD	121.18	-0.83	0.4	(1.4)	10.5	1...	MU	44.77	2.86	2.4	7.6	104.3	1...	ULTA	200.76	0.78	(0.6)	(3.4)	(21.3)
21	BUD	118.09	-0.03	(2.9)	(4.8)	12.1	62	GM	42.66	1.29	0.8	(6.2)	22.4	1...	MXIM	53.54	-0.50	0.2	8.9	38.8	1...	ULTI	197.91	0.75	(4.1)	1.4	8.8
22	BWLD	118.85	-0.59	1.6	16.3	(23.0)	63	GOOG	0.27.85	-0.31	(0.4)	3.9	33.2	1...	NFLX	191.80	-0.98	(4.0)	(1.5)	55.1	1...	UPS	112.93	0.60	(1.9)	(4.8)	(1.2)
23	C	72.11	-0.25	(2.4)	(3.6)	21.6	64	GPRO	8.58	1.88	(6.8)	(11.6)	(2.3)	1...	NKE	56.09	-0.07	0.7	9.9	10.3	1...	UTHR	120.52	-0.19	0.0	0.7	(15.6)
24	CAT	136.48	0.84	(0.1)	6.1	47.2	65	GRMN	60.59	1.82	2.1	11.9	25.4	1...	NOC	298.13	-0.34	(1.2)	1.0	28.2	1...	V	111.88	-0.22	0.5	3.2	43.4
25	CBS	56.91	-2.36	2.4	(0.6)	(10.8)	66	GS	240.10	-0.27	(1.7)	(0.9)	0.3	1...	NTAP	46.34	0.09	4.7	6.5	31.4	1...	VMW	122.15	0.96	3.6	9.0	55.1
26	CELG	102.47	-0.12	2.3	(26.7)	(11.6)	67	GWPH	112.17	0.31	(0.8)	(0.7)	0.4	1...	NTES	302.87	-3.30	8.0	12.7	40.6	1...	VRSN	109.33	0.30	1.2	1.3	44.3
27	CERN	65.31	-0.26	(0.2)	(8.7)	37.9	68	IBB	312.18	0.37	(1.5)	(7.9)	17.6	1...	NVDA	216.30	5.01	3.6	13.2	102.3	1...	VZ	44.89	-0.40	(5.3)	(8.1)	(15.9)
28	CHKP	102.55	-1.09	(3.0)	(12.9)	21.4	69	IBM	149.26	-0.76	(1.6)	1.0	(10.1)	1...	OLED	175.95	3.58	11.3	35.1	212.4	1...	WDAY	107.31	1.08	(2.2)	(1.1)	62.4
29	CME	137.88	-0.12	(1.6)	0.5	19.5	70	ICE	66.27	0.11	0.0	(5.5)	17.5	111	ORCL	49.33	0.16	(1.7)	2.2	29.3	1...	WDC	88.90	1.45	2.2	3.9	30.9
30	CMG	279.40	1.59	2.2	(10.3)	(25.9)	71	IFN	27.66	-0.14	(2.5)	1.1	29.3	1...	PANW	139.49	0.95	(4.1)	(5.8)	12.2	1...	WMT	90.92	0.68	1.4	6.1	31.5
31	COST	171.27	1.31	3.0	8.5	11.9	72	IIF	35.43	0.40	(2.1)	(0.4)	38.3	1...	PCLN	695.50	-14.26	(12.6)	(6.7)	15.8	1...	WYNN	153.50	0.29	2.6	7.5	78.0
32	CREE	34.45	-0.06	1.1	17.2	30.5	73	ILMN	208.94	-0.32	(2.4)	1.1	63.2	1...	PEP	112.75	1.14	2.3	1.1	7.8	1...	X	27.67	1.31	1.6	9.0	(16.8)
33	CRM	105.22	1.56	2.5	9.6	53.7	74	IMAX	23.20	0.85	(2.3)	9.8	(25.0)	1...	PFE	35.18	-0.11	(1.1)	(3.5)	8.3	1...	XHB	40.85	0.05	1.1	1.1	20.7
34	CSCO	33.99	-0.18	(1.4)	1.2	12.5	75	INCY	15.01	0.20	2.6	2.9	1.2	1...	PG	88.16	0.43	1.8	(3.6)	4.9	1...	XLE	69.67	-0.53	1.4	1.8	(7.5)
35	CTRP	45.50	-0.50	(1.6)	(15.9)	14.2	76	INTC	45.58	-1.58	(1.6)	16.0	25.7	1...	QCOM	64.60	-0.05	4.5	19.3	(1.0)	1...	XLF	26.06	-0.27	(2.6)	(0.9)	12.2
36	CTSH	74.05	0.43	0.0	0.9	32.5	77	IWM	146.55	-0.06	(1.4)	(2.1)	8.7	1...	QQQ	153.62	-0.01	0.3	3.8	29.7	1...	XLI	71.08	0.14	(1.1)	(1.0)	14.2
37	CTXS	83.96	0.23	(0.8)	4.5	18.4	78	JAZZ	138.70	2.44	0.6	(2.7)	27.2	1...	RDY	35.52	-0.87	(3.1)	(1.4)	(21.4)	1...	XLK	63.51	0.00	0.0	5.2	31.3
38	CVX	117.18	-0.05	1.9	(1.8)	(0.4)	79	JNJ	139.56	-0.57	(0.4)	2.1	21.1	1...	RHT	124.18	0.55	2.1	4.0	78.2	1...	XLU	55.51	-0.47	0.5	2.3	14.3
39	CYBR	44.50	1.40	0.5	6.5	(1.5)	80	JNPR	25.00	-1.44	1.8	(7.0)	(11.6)	1...	RL	86.63	0.38	(4.5)	1.7	(4.1)	1...	XLV	81.20	-0.65	(0.5)	(1.8)	17.8
40	DAL	48.89	-0.61	(3.0)	(7.9)	(0.6)	81	JPM	97.51	-0.12	(3.8)	0.7	13.0	1...	SAP	112.54	-0.04	(2.0)	(0.1)	30.3	1...	XONE	10.32	3.10	(0.1)	0.9	10.5
Disclaimer: DATA as of 7/1/2024. All rights reserved. TradeStation																											
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Algorithmic Trading

Algo. Techniques

Algo. Reports

Current Algorithms

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Trading MegaPhone Patterns

by Suri Duddella

Megaphone patterns were first described in Richard Schabacker's book (1932) "Technical Analysis and Stock Market Profits" as rare and intricate patterns. Megaphone patterns are considered both reversal and continuous patterns and usually appear at the major tops and market bottoms. This pattern may be also called as "Inverted Symmetric Triangle" pattern or "Broadening" pattern and usually, develops after a strong up or down trend in the stock price.

Megaphone pattern formations have five distinct swings. Each swing is larger than the previous swing, which gives the formation its Megaphone appearance. The key swing points in the Megaphone pattern are structured with lower low troughs and higher high peaks and are connected by two diverging trendlines. Each of these swings may also include small minor swings. The key swings of the pattern are the first and the fifth swings, which show the reversal of major direction prior to the formation of the pattern. Another unique characteristic of Megaphone top/bottom patterns is that each swing's increasing volatility triggers the reversals of upside and downside swings.

Key pattern characteristics

Fibonacci Ratio-based Swings

Most geometric trading patterns exhibit Fibonacci ratio relationships in their swings. By that, each swing has a Fibonacci ratio relation to prior swings. Megaphone patterns exhibit this characteristic as each of its swing has a 1.27 to 1.62 extension ratio of prior swings in price and time.

Megaphone Wedges

Megaphone patterns forming with slightly angled trendlines (both in the same up or down direction) connecting the tops and bottoms are called "Megaphone wedges." They may be also classified as a "Megaphone Ascending Wedge" or "Megaphone Descending Wedge." Megaphone wedges have

similar characteristics to conventional wedges. Megaphone wedges form near market tops and bottoms and have high reliability. After completion of wedges, breakout and breakdown levels of the upper or lower trendlines, broadening wedge patterns become very volatile.

Megaphone Failures

Megaphone patterns are highly reliable but not infallible. They trade better in longer-term timeframes than in shorter timeframes. Like most pattern failures, Megaphone pattern failure moves are explosive in the opposite direction. A critical area of retest and failure is the mid-channel line. In many cases of failure, the rally/decline stops at the mid-line to retest the prior trendline. Usually, the failure occurs on the last swing before a clear breakout/breakdown occurs.

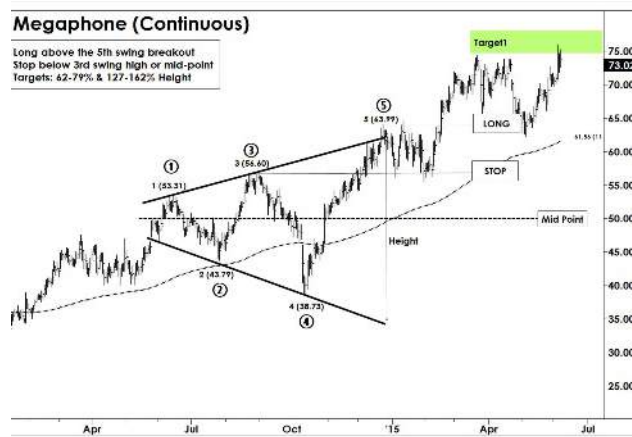
Trading Megaphone Patterns

Megaphone patterns present two trading opportunities.

1. Trading the breakout as a Megaphone continuous pattern.
2. Trading the reversal as a Megaphone reversal pattern. Trades are placed after price reverses from 5th swing pivot level.

Trading the Breakout (Continuous)

To trade Megaphone breakout pattern as a continuation of its up-trend, trades are taken in the direction of the breakout/breakdown from the pattern. When a price bars close outside the pattern (above upper trendline) in the direction of the breakout/breakdown, a long trade is triggered.



Trading the Reversal

When prices reach the last and the 5th swing point and fail to continue higher (as a breakout), Megaphone pattern may be presenting an opportunity to short on its reversal. Once price starts to decline from 5th swing point, wait for prices to close below the 3rd swing and enter a short trade.



Price Targets

The price targets in Megaphone breakout (continuous) pattern are computed using the Fibonacci ratio of the pattern height (vertical distance) added from the breakout levels. The price targets for the Megaphone reversal pattern are the midpoint of the pattern and the area between 4th swing and lower trend line. Historically, this would be the widest part of the pattern and is a very profitable target.

Stops

When trading Megaphone pattern breakouts, the "third swing high or low" and the "mid channel point" in the pattern as the critical points and trades should be protected with a stop at these levels. When trading the reversal, the stops should be placed outside the trend line (above the 5th swing point) to protect the trade.

Trading Example

The following example shows both Megaphone continuous and Megaphone reversal pattern formation in current The Priceline Group (PCLN) stock.

Priceline (PCLN) stock rose from a low of \$45 (1998) to a high of \$1600 (2016), a 3400% increase. Currently, it is forming a Megaphone pattern as it made three swing highs and two swing lows in a steep uptrend. The case for both continuous and reversal trade setups are presented here.

Trading PCLN breakout (Continuous)

1. Currently weekly close of PCLN is \$1540 with a high of \$1601.
2. If price trades above the \$1601 (5th swing pivot), PCLN may signal as Megaphone breakout pattern and the trend may continue to trade higher.
3. Enter a long trade above the high of the bar that closed above \$1601.
4. Place a stop near 3rd swing high (\$1475).
5. The height of the Megaphone pattern is \$650.
6. Targets are placed at 62-79% of its height computed from the breakout level to \$1995-2091.



Current Examples



Plato Algo. Performance Report (11/10/17)

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	181.72	01/06/2017	220	108.53	148.6	73.19	67.4
3	ADSK	123.11	12/09/2016	240	83.18	109.1	39.93	48.0
4	AMGN	172.35	06/23/2017	100	175.55	172.1	-3.20	(1.8)
5	AMZN	1,124.69	10/27/2017	10	1,105.68	963.4	19.67	1.8
6	AVGO	264.95	04/21/2017	145	219.22	238.5	45.74	20.9
7	AXP(D)	93.50	06/09/2017	110	80.83	86.2	12.69	15.7
8	BA(D)	261.00	10/21/2016	275	137.05	232.1	123.80	90.3
9	BABA(D)	186.46	01/27/2017	205	104.67	158.6	81.74	78.1
10	BIDU	237.50	05/12/2017	130	188.08	218.3	49.32	26.2
11	BIIB	309.40	06/23/2017	100	284.56	294.4	25.88	9.1
12	C(D)	72.13	08/05/2016	330	45.83	67.7	26.42	57.6
13	CELG	102.35						
14	CMG(D)	279.65						
15	CVX(D)	117.18	03/11/2016	435	96.24	110.3	20.94	21.8
16	EBAY	35.97	01/27/2017	205	32.95	35.6	3.02	9.2
17	FB	178.13	01/13/2017	215	129.37	163.7	49.09	37.9
18	FDX(D)	218.15	06/02/2017	115	204.99	210.9	13.17	6.4
19	GLD(D)	121.18	08/11/2017	65	122.93	120.1	-1.80	(1.5)
20	GOOG	1,027.83	09/29/2017	30	959.89	930.7	68.18	7.1
21	GS(D)	240.10	09/22/2017	35	232.20	227.1	7.95	3.4
22	HD(D)	164.10	09/08/2017	45	160.79	155.0	3.32	2.1
23	IBM(D)	149.15	10/20/2017	15	162.58	148.0	-13.42	(8.3)
24	INTC	45.50	08/04/2017	70	36.77	37.1	8.81	24.0
25	JPM(D)	97.53	06/30/2017	95	92.75	91.9	4.76	5.1
26	MA(D)	149.50	08/05/2016	330	97.04	134.0	52.50	54.1
27	MCD(D)	165.59	11/18/2016	255	120.34	154.8	45.26	37.6
28	MS(D)	48.76	09/22/2017	35	48.59	46.0	0.17	0.3
29	MSFT	83.77	07/22/2016	340	56.94	73.4	26.93	47.3
30	NFLX	191.76	12/02/2016	245	121.08	173.1	70.94	58.6
31	NVDA	216.26	05/12/2017	130	130.53	165.2	85.61	65.6
32	ORCL(D)	49.36	12/09/2016	240	40.87	47.8	8.45	20.7
33	QQQ	153.67	01/06/2017	220	122.35	142.5	31.33	25.6
34	SPY(D)	257.96	11/11/2016	260	218.41	246.9	39.69	18.2
35	TSLA	302.65						
36	V(D)	111.88	01/06/2017	220	82.59	101.6	29.30	35.5
37	VRSN	109.33	10/28/2016	270	87.08	100.6	22.67	26.0
38	WMT(D)	90.92	02/24/2017	185	72.90	79.2	18.02	24.7
39	WYNN	153.50	01/27/2017	205	104.15	134.1	49.88	47.9
40	XLK(D)	63.51	11/25/2016	250	48.17	57.8	15.33	31.8

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Monty Algo. Performance (11/10/2017)

Long Term, NOT for Lease or Sale

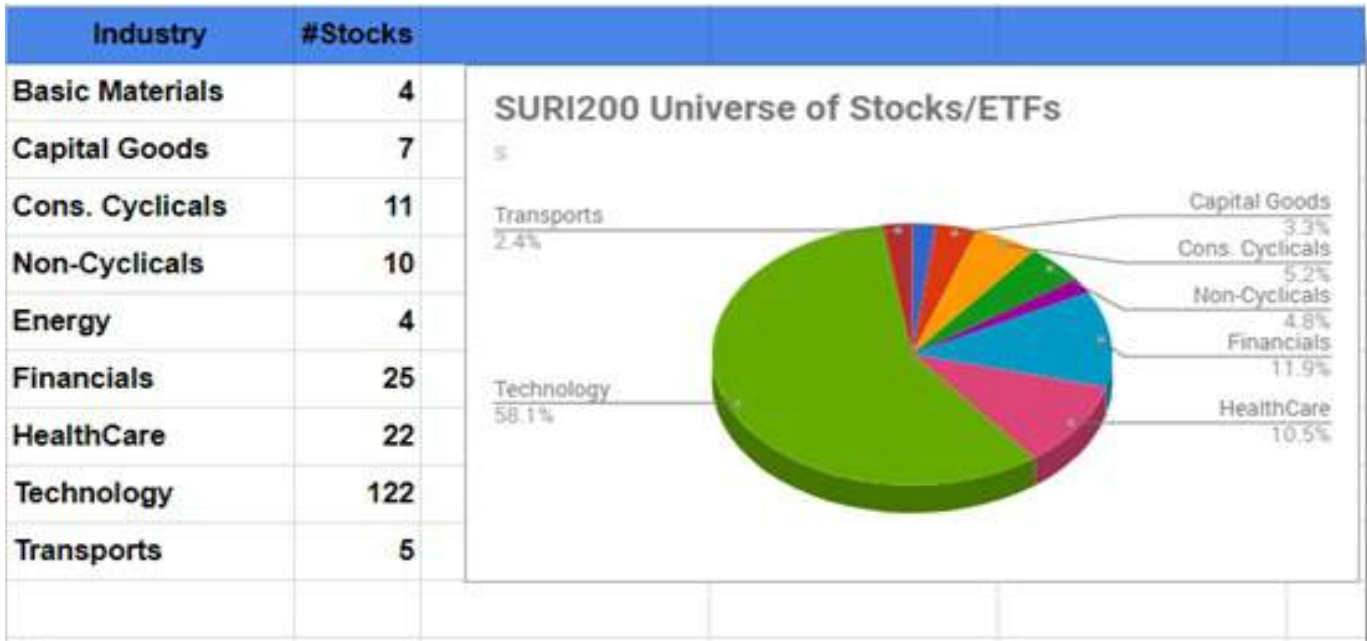
		suri.Monty2						
	Symbol	Last	Trend	Days	Signal Date	Signal	TrailStop	PL%
1	NVDA	216.32	Bullish	1,655	04/30/2013	Long above 14	129.58	1,377.21
2	AVGO	264.95	Bullish	1,502	09/30/2013	Long above 44	219.08	499.80
3	ADBE	181.72	Bullish	2,081	02/29/2012	Long above 34	132.37	415.18
4	COST	171.35	Neutral	2,598	09/30/2010	Long above 47	153.04	249.55
5	AMZN	1,124.90	Bullish	1,015	01/30/2015	Long above 360	895.88	207.02
6	NFLX	191.80	Bullish	1,015	01/30/2015	Long above 66	151.71	197.62
7	V(D)	111.88	Bullish	1,806	11/30/2012	Long above 38	92.70	189.42
8	QQQ	153.65	Bullish	2,110	01/31/2012	Long above 61	134.70	149.43
9	BABA(D)	186.50	Bullish	589	03/31/2016	Long above 80	128.77	131.11
10	FB	178.13	Bullish	1,015	01/30/2015	Long above 80	148.61	125.08
11	ADSK	123.11	Bullish	436	08/31/2016	Long above 70	96.47	78.51
12	BA(D)	260.85	Bullish	375	10/31/2016	Long above 147	196.31	75.50
13	MS(D)	48.76	Bullish	436	08/31/2016	Long above 33	42.25	51.52
14	MSFT	83.80	Bullish	742	10/30/2015	Long above 55	67.95	51.24
15	GOOG	1,027.83	Bullish	833	07/31/2015	Long above 679	875.09	49.73
16	JPM(D)	97.51	Bullish	436	08/31/2016	Long above 68	85.26	47.96
17	MA(D)	149.50	Bullish	406	09/30/2016	Long above 103	119.22	44.44
18	C(D)	72.25	Bullish	375	10/31/2016	Long above 51	61.79	44.12
19	XLK(D)	63.51	Bullish	742	10/30/2015	Long above 45	54.09	39.89
20	FDX(D)	218.15	Bullish	589	03/31/2016	Long above 165	197.68	36.85
21	GS(D)	240.10	Bullish	375	10/31/2016	Long above 179	213.12	35.46
22	MCD(D)	165.59	Bullish	283	01/31/2017	Long above 124	142.22	34.60
23	AXP(D)	93.50	Bullish	345	11/30/2016	Long above 74	79.54	29.08
24	BIDU	237.50	Bullish	196	04/28/2017	Long above 189	192.38	29.07
25	TSLA	302.97	Bullish	283	01/31/2017	Long above 259	291.54	28.00
26	WYNN	153.50	Bullish	224	03/31/2017	Long above 117	120.10	26.06
27	VRSN	109.33	Bullish	255	02/28/2017	Long above 86	91.44	25.02
28	ORCL(D)	49.35	Bullish	528	05/31/2016	Long above 41	45.23	24.15
29	SPY(D)	257.95	Bullish	528	05/31/2016	Long above 211	237.27	21.87
30	HD(D)	164.10	Bullish	315	12/30/2016	Long above 138	145.74	20.13
31	CMG(D)	279.45	Bearish	102	07/31/2017	Short below 336	339.88	19.08
32	EBAY	35.97	Bullish	469	07/29/2016	Long above 32	33.55	17.63
33	INTC	45.58	Bullish	42	09/29/2017	Long above 39	34.60	16.64
34	WMT(D)	90.92	Bullish	196	04/28/2017	Long above 76	74.16	14.88
35	CELG	102.47	Bearish	10	10/31/2017	Short below 94	114.67	0.00
36	BIIB	309.40	Bullish	71	08/31/2017	Long above 317	276.34	-1.68
37	AMGN	172.35	Bullish	255	02/28/2017	Long above 179	162.67	-2.11
38	CVX(D)	117.18	Bullish	42	09/29/2017	Long above 119	105.69	-2.61
39	IBM(D)	149.16	Bearish	163	05/31/2017	Short below 149	161.55	-3.40
40	GLD(D)	121.18	Bullish	71	08/31/2017	Long above 126	117.64	-4.23
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Symbols Universe



Symbol Universe of Stocks/ETFs

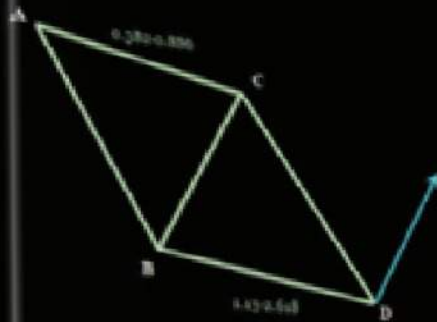


Symbols Universe

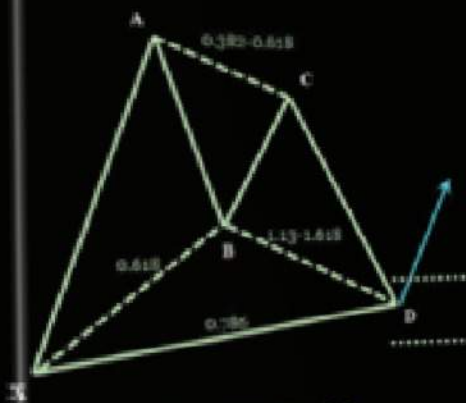
S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector	S...	PlotSymbol Sym	sectIndustry Sector
1	Equities/ETFs		47	IBB	Financial	93	IMAX	Services	139	DDD	Technology	185	UBNT	Technology
2	FCX	Basic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



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