

RAYMOND RONDEAU

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Disclaimer

- ❖ These events should be viewed as informal gatherings of non professional public participants who are congregating in a “Traditional Public Forum” atmosphere, while communicating under the “Freedom of Expression Act”, solely for the purpose of exchanging information and ideas on topics of like interest.
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Freedom of Expression – The right to protect any act of seeking, receiving and imparting information or ideas regardless of the medium used.

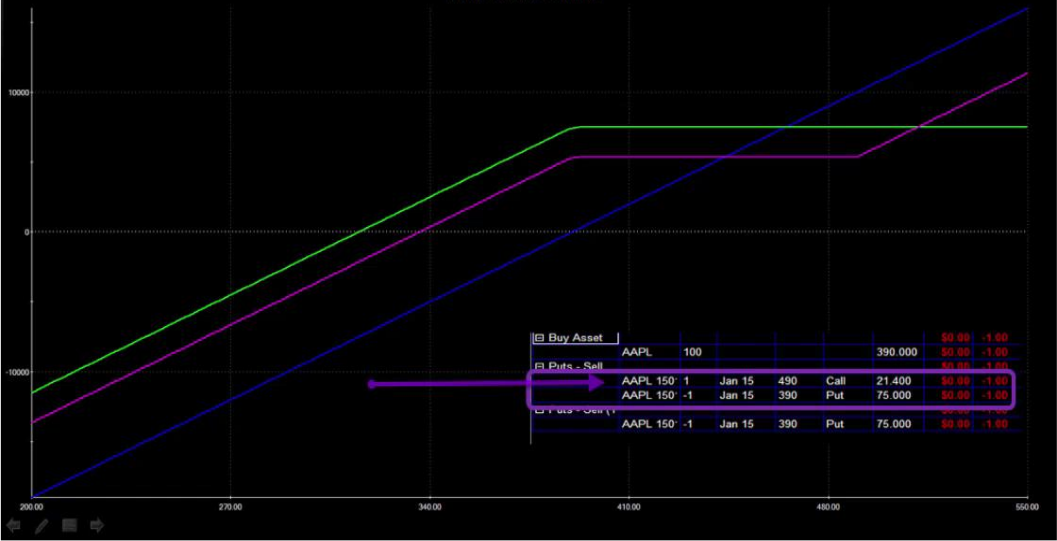
Traditional Public Forum – is open to all expressions and is protected under the First Amendment.

Personal Responsibility

- ❖ Investing and other monetary ventures involves risk and may not be suitable for all people.
- ❖ You and only you are fully responsible for any investment or trading decisions you make, and such decisions should be based solely on your evaluation of your financial circumstances, investment or trading objectives, risk tolerance and liquidity needs.
- ❖ It is important that all attendees realize that investing is not black and white and should never be viewed as an exact science. Approaches to investing and the art of speculation are based upon mathematical probabilities that are derived from your perceptions from a variety of different sources that you self evaluate and rank in order of importance.

RECAPTURING SACRIFICED GAINS (EXPIRATION)

(AAPL) Apple Inc
Theoretical Gross Out P&L



\$1=	Change	%Change
0.6529	+0.0001	+0.012%
20.1790	-0.0440	-0.215%
5.8659	+0.0005	+0.009%
0.7889	+0.0002	+0.028%
44.9750	-0.4159	-0.924%
6.0616	+0.0023	+0.038%
3.4800	-0.0050	-0.141%
31.8485	-0.0307	-0.096%
6.9936	+0.0019	+0.027%
0.9535	+0.0018	+0.188%

ors	3 Month % Change
	+0.86%
	+5.65%
	+2.88%
	+6.41%
	+2.53%
	+6.61%
	+5.52%
	+11.7%

Gainers	Price	Change
AFC	172.55	▲+6.2%
BPIRT	29.51	▲+1.0%
GOH	42.03	-1.28
AITA	23.16	+0.63
JTAS	7.24	+0.96
RCA	0.19	▼-2.1%
AEC		▲+7.5%
XNG		▲+1.2%
PEC		▲+1.1%
VS		▲+1.0%



Quantum
Professional Research & Investment Management Enterprises

TECHNICALLY SPEAKING

Classic Technical Indicators: Introduction to a New Series, Part I

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by **Ray Rondeau** and **Jaclyn N. McClellan**

We are starting a new series of articles to the CI lineup, covering the Classic Technical Indicators. Writing this series is **Raymond Rondeau**, a fairly well-known name in the field of technical analysis and one that is familiar to our AAIL members. Ray has been involved with AAIL for the last 10-plus years in various capacities, including writing for the *AAIL Journal*, serving as the AAIL Boston Chapter president and speaking at more than 20 local AAIL chapters. Ray also lectured at the AAIL Investor Conference last year (2015) in Las Vegas. More information about Ray can be found [here](#).



With Ray's first article scheduled for release in June of 2016, I thought that it would be a good idea to interview him on this upcoming series.

Because of the length of the interview, we are separating it into two parts. Here in Part 1, we discuss the many potential negatives and pitfalls of working with indicators and technical analysis in general. But be sure to look for Part 2 of the interview in the May CI, where Ray covers the benefits of working with technical indicators. This two-part interview serves as a good introduction to Ray's new CI series called Classic Technical Indicators, which will debut in the June issue of CI.

Jackie: Let's start off with what motivated you to write this series on the "classic technical indicators"?

Rondeau's Technicals: ETF Volumes Misleading

ETFs and technical analysis, used separately, are useful tools for investors. And their virtues compound when technicals are specifically used for trading ETFs. That said, sometimes there's a fly in the ointment, as a closer look at State Street Global Advisor's SPDR S&P Retail ETF (NYSEArca:XRT - News) shows.

First, let's look at the percentage change chart below, that begins with XRT's inception in June 2006. Everything seems normal when compared to the S&P 500. There's an obvious high correlation in movements between the two, as we would expect. It's also clear that from a price base only (no dividends), XRT has had strong relative strength outperforming the S&P 500 by approximately 13 percent over this time span.

Our next chart is daily, and covers a period of about one year, showing classic backward-looking technical analysis. Here we can see that the price trended upward (A-B) in a relatively uniform channel and then based (or ranged), as we normally see, in a prolonged upward movement from points (B-C).

With no pronounced selling or major bearish technical breaches in this basing area, the price resumed its upward climb (C-D), the same distance as the previous run, as measured from points (A-B). From that high, the trend breaks (D), falling back to a previous resistance area at the \$37 price level, where it is trying to stabilize in forming what appears to be a triangle formation.

Rondeau's Technicals: ETF Volumes Misleading

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From a pure price analysis we seem to be in an area of indecision, so standard procedure dictates that we look to other information for further clues to predict future probable price direction.

In this case, we'll look for clues in volume data, which is displayed at the bottom of our next chart. When immediately shown full in what appears to be a Bullish Volume Pattern between the price and volume (imagines lines). One of the rules of technical analysis in Dow theory is that "volume should expand in the direction of the trend," which means that volume should support the current momentum and movement of the established trend.

On this chart, prices have clearly fallen since May until now, but volume is not expanding, but rather has fallen. In technical analysis, that would be interpreted as a bull signal insofar as the declining rate of daily "selling" transitions, as time progresses, suggesting that the bearishness is diminishing in intensity.

So what's the catch? Where is that potential pitfall that I alluded to above that sometimes makes combining the value of ETFs and technical analysis a bit problematic?

Data compiled by IndexUniverse.com might just provide the answer we're looking for. From the period of the end of May to the end of July, XRT's total assets fell \$347 million from \$1.2 billion to just \$453 million an impressive 65 percent. There could be

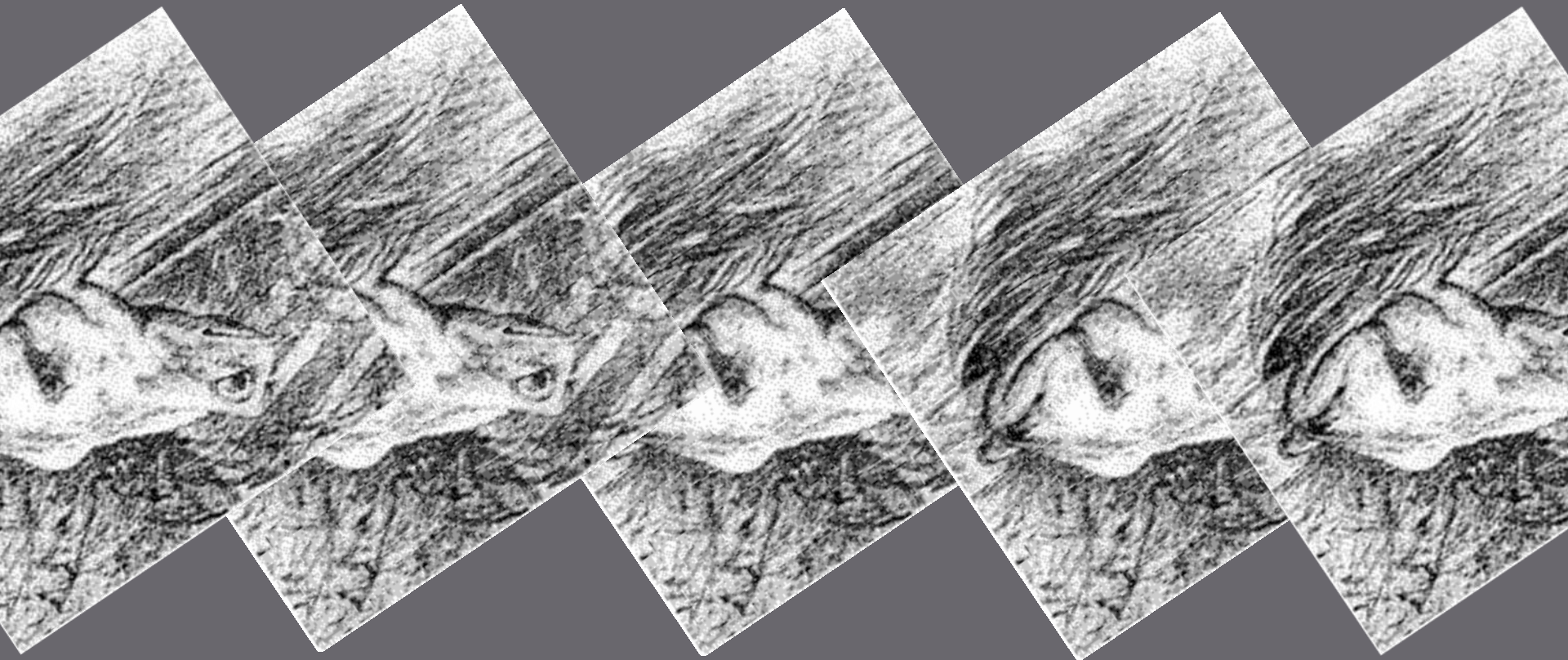


The - Session Bell



It's not what you look at but what you see

Henry David Thoreau



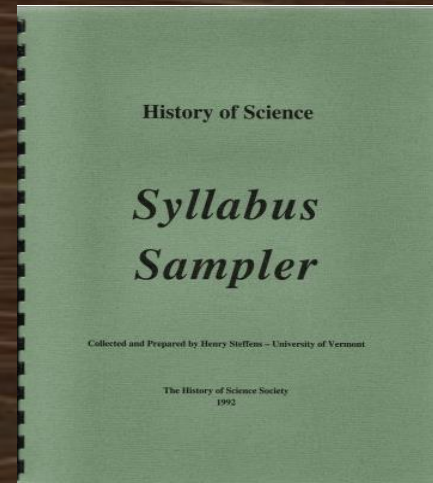
Welcome



Benvenuto	-	Italian
Bienvenidos	-	Spanish
Bienvenue	-	French
Bun venit	-	Romanian
Dobro pozhalovat'	-	Russian
Emukela	-	Zulu
Foon ying & Huan yin	-	Chinese
Hwangyong-hamnida	-	Korean
Iiwy	-	Egypt
Irashaimasu & Yo koso	-	Japanese
Laskavo prosimo	-	Ukrainian
Sosopo mai	-	Samoan
Velkommen'	-	Danish
Vitezte	-	Czech
Willkommen	-	German
Witajcie	-	Polish
Zayt vilkum	-	Yiddish

The Art of “Knowing” - When to Buy & Sell

- **Technical Reasoning**
- **Preliminary Studies**
- **TA Why it Works**
- **TA Why You Need it**
- **Break**
- **Price Forecasting**
- **Reinforcing The Analysis**
- **Investment Executions**
- **Quantitating Technical Indicators**
- **The Making “Cents” Philosophy**
- **In Final Analysis**
- **3 Stocks - Q&A – Live Stock Session**



Presentation

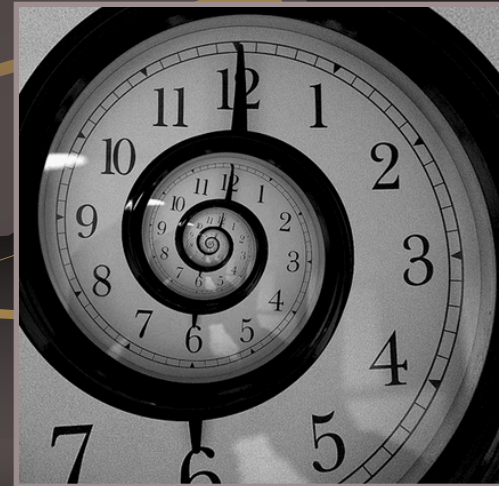
217 Slides

1 Hour & 40 Minutes

The Only Golden Rule is.... There is No Golden Rule

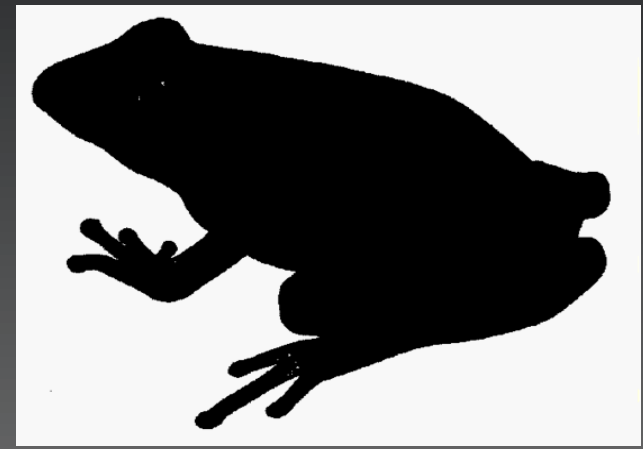
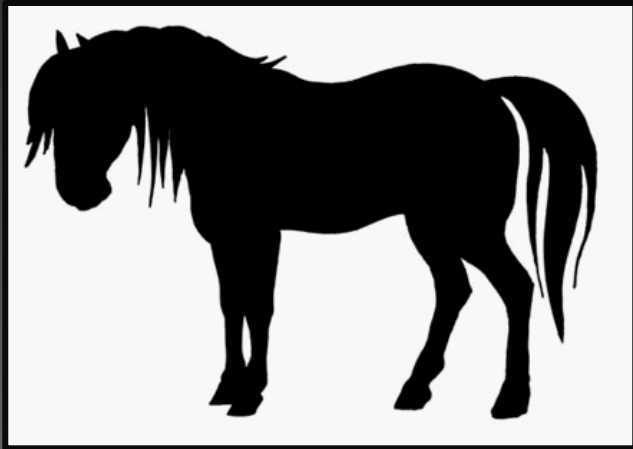


A PARADOX



Technical analysis is NOT magic

*The Magic
Black Box*



It Cannot turn a Horse into a Frog

Investing is Individualistic

- Investor's current financial situation
- Future monetary needs & goals
- Risk tolerance
- Personality
- Allocable time
- Analytical strength's and weaknesses



*Just because they are not on your road
doesn't mean they've gotten lost.*

- H Jackson Brown, Jr.

Options Complexity or Simplicity ?

TradeStation 8.7 - Untitled Desktop: 1 - Options Grid

File View Format Window Help

Asset	Last	Close	Net %Chg	Net Chg	* Optionable		* Put-Call Open Int			* Put-Call Volume			Option Implied Volty																		
GS	150.14	150.14	0.43%	\$0.64	Available	# of Series	Put OpenInt	OI Ratio	Call OpenInt	Sentiment	Put Volume	Vol Ratio	Call Volume	Day Activity	Put Volty	Average	Call Volty	Relative \$													
					False	64	290396	60%	463994	Very Bullish	9202	85%	10868	Bullish Day	55.2%	46.11%	43.3%	Expensive Puts													
* Option Bid				* Option Ask				* Option Recommend				* Option Details				* Option Details P				* Option Recommend P				* Option Bid				* Option Ask			
\$Dif	%Dif	Bid	Theoretical...	Ask	%Dif	\$Dif	Rec	%RDif	RecDif	OpenInt	Style	Symbol	Strike	Symbol	Style	OpenInt	RecDif	%RDif	Rec	\$Dif	%Dif	Bid	Theoretical...	Ask	%Dif	\$Dif					
May 10 (100)																															
-0.22	-0.5%	39.50	\$39.72	41.10	3.5%	1.38	\$40.30	1.5%	0.58	64	Amrcn	100522C1	110	100522P1	Amrcn	3947	0.27	29009.0%	\$0.27			0.25	\$0.00	0.29							

Strike(s)	Bid Ask Spread		Max. Gain/Loss				Pos. Delta\$	Pos. Theta\$	Pos. Gamma\$	Pos. Vega\$	Pos. Rho\$
	\$ Sprd	% Sprd	Gain%	Max Gain	Max Loss	Loss%					
May 10 (100) - Vertical Call - Sell											
110 / 115	-0.95	-0.28	86%	\$ 430.00	\$ -70.00	-14%	(\$0.26)	(\$0.39)	\$0.05	\$0.24	\$0.21
115 / 120	-0.65	-0.17	87%	\$ 435.00	\$ -65.00	-13%	(\$0.79)	(\$0.90)	\$0.13	\$0.63	\$0.18
120 / 125	-0.50	-0.13	90%	\$ 450.00	\$ -50.00	-10%	(\$1.95)	(\$1.77)	\$0.27	\$1.28	\$0.09
125 / 130	-0.45	-0.11	87%	\$ 435.00	\$ -65.00	-13%	(\$3.93)	(\$2.82)	\$0.44	\$2.09	(\$0.05)
130 / 135	-0.65	-0.17	84%	\$ 420.00	\$ -80.00	-16%	(\$6.64)	(\$3.62)	\$0.57	\$2.72	(\$0.26)
135 / 140	-0.85	-0.35	78%	\$ 390.00	\$ -110.00	-22%	(\$9.60)	(\$3.68)	\$0.58	\$2.80	(\$0.48)
140 / 145	-0.60	-0.24	67%	\$ 335.00	\$ -165.00	-33%	(\$12.02)	(\$2.70)	\$0.44	\$2.13	(\$0.68)

TradeStation OptionStati...

X: Price Y: Position Value P&L

Add Del Plot1 Show Blue

(GS) Goldman Sachs Group

Theoretical Gross Out P&L

Positions	Symbol	Qty	Exp Date	Strike	Side	Price	Bid Ask Spread		Max. Gain/Loss			Pos. Delta\$	Pos. Theta\$	Pos. Gamma\$	Pos. Vega\$	Pos. Rho\$	Option Pos. Net \$'								
							\$ Sprd	% Sprd	Gain%	Max Gain	Max Loss						Loss%	Net In	Comm	Net Out	Comm	Gross P&L	Tot. Comm	Net P&L	Net P&L%
Vertical Call - Sell (17)																									
	GS 100522	1	May 10	145	Call	10.5000	(\$0.35)	-0.10	33%	\$ 165.00	\$ -335.00	-67%	\$13.24	\$0.97	(\$0.18)	(\$0.88)	\$0.80	(\$336.00)	\$2.00	\$289.00	\$2.00	(\$45.00)	\$4.00	(\$49.00)	-14.6%
	GS 100522	-1	May 10	150	Call	7.1500	(\$0.25)	-0.05	0%	\$ 715.00	Unlimited	-100%	(\$51.50)	\$18.36	(\$2.68)	(\$12.66)	(\$3.31)	\$714.00	\$1.00	(\$601.00)	\$1.00	\$115.00	\$2.00	\$113.00	15.8%
Vertical Call - Sell (20)																									
	GS 100522	-1	May 10	125	Call	24.3500	(\$0.45)	-0.11	87%	\$ 435.00	\$ -65.00	-13%	(\$3.93)	(\$2.82)	\$0.44	\$2.09	(\$0.05)	\$434.00	\$2.00	(\$496.00)	\$2.00	(\$60.00)	\$4.00	(\$64.00)	-14.7%
	GS 100522	1	May 10	130	Call	20.0000	(\$0.20)	-0.01	100%	Unlimited	\$ -2000.00	-0%	\$93.00	(\$7.41)	\$0.90	\$4.33	\$5.53	(\$2,001.00)	\$1.00	\$1,999.00	\$1.00	\$0.00	\$2.00	(\$2.00)	-0.1%

%CovLoss	\$CovLoss	Par Price	%LossDay	\$LossDay	I/T V%	Time Va...	Intrinsic	Mark Va...	%offCls	X-TM	TrdToExp	Exp Date	Strike	Exp Date	TrdToExp	X-TM	%offCls	Mark Va...	Intrinsic	Time Va...	I/T V%	\$LossDay	%LossDay	Par Price	\$CovLoss	%CovLoss
May 10 (100)																										
5	0.0%	0.02	\$150.11	-0.0%	(\$1.50)	191%	\$21.00	\$4,009.00	\$4,030.00	26.9%	ITM	14	22-May-10	110	22-May-10	14	OTM	0.2%	\$27.00	\$0.00	\$27.00	(\$1.93)	-7.1%	\$121.06	(29.02)	-19.3%
6	0.0%	0.03	\$150.17	-0.1%	(\$2.75)	91%	\$38.50	\$3,514.00	\$3,552.50	23.7%	ITM	14	22-May-10	115	22-May-10	14	OTM	0.2%	\$35.50	\$0.00	\$35.50	(\$2.54)	-7.1%	\$141.34	(8.75)	-6.8%
3	0.0%	0.04	\$150.14	-0.1%	(\$3.75)	57%	\$52.50	\$3,010.00	\$3,062.50	20.4%	ITM	14	22-May-10	120	22-May-10	14	OTM	0.3%	\$47.50	\$0.00	\$47.50	(\$3.39)	-7.1%	\$146.73	(3.41)	-2.3%
6	0.0%	0.05	\$150.19	-0.2%	(\$4.89)	37%	\$68.50	\$2,514.00	\$2,582.50	17.2%	ITM	14	22-May-10	125	22-May-10	14	OTM	0.4%	\$66.00	\$0.00	\$66.00	(\$4.71)	-7.1%	\$148.40	(1.70)	-1.1%
0	0.1%	0.08	\$150.18	-0.4%	(\$7.50)	19%	\$105.00	\$2,010.00	\$2,115.00	14.1%	ITM	14	22-May-10	130	22-May-10	14	OTM	0.7%	\$103.00	\$0.00	\$103.00	(\$7.36)	-7.1%	\$149.00	(1.14)	-0.8%
1	0.1%	0.13	\$150.23	-0.7%	(\$11.61)	9%	\$162.50	\$1,510.00	\$1,672.50	11.1%	ITM	14	22-May-10	135	22-May-10	14	OTM	1.1%	\$158.50	\$0.00	\$158.50	(\$11.32)	-7.1%	\$149.26	(0.88)	-0.6%
2	0.2%	0.23	\$150.33	-1.4%	(\$17.68)	4%	\$247.50	\$1,010.00	\$1,257.50	8.4%	ITM	14	22-May-10	140	22-May-10	14	OTM	1.6%	\$244.50	\$0.00	\$244.50	(\$17.46)	-7.1%	\$149.35	(0.79)	-0.5%
0	0.3%	0.42	\$150.52	-3.1%	(\$27.50)	1%	\$385.00	\$510.00	\$895.00	6.0%	ITM	14	22-May-10	145	22-May-10	14	OTM	2.6%	\$385.00	\$0.00	\$385.00	(\$27.50)	-7.1%	\$149.29	(0.81)	-0.5%

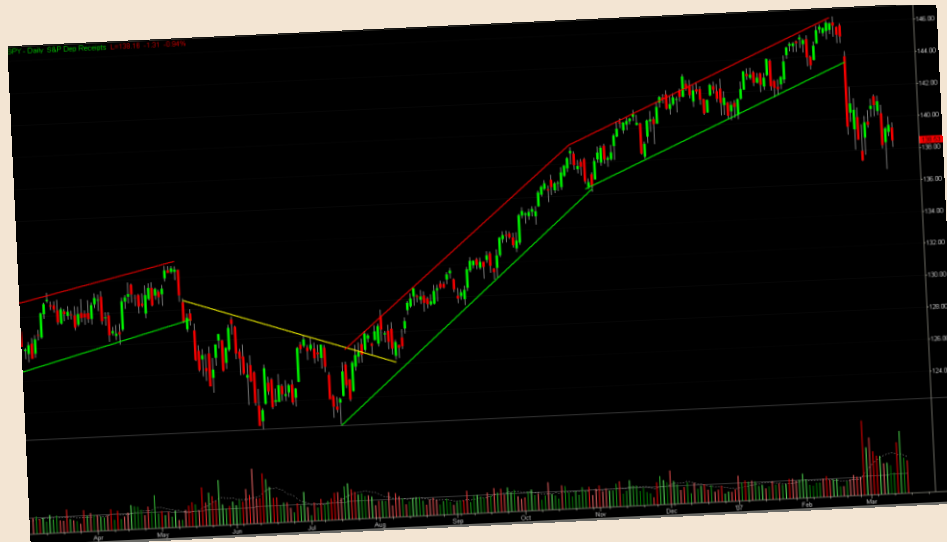
TECHNICAL ANALYSIS

REASONING



Technical Analysis

TA is a method of evaluating securities by analyzing the statistics generated by market activity, mainly past price and volume data.

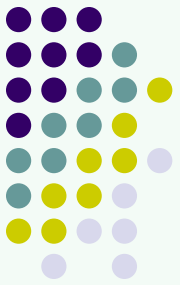


A CLEAR DISGUISE

NGAS - Daily NGAS Resources Inc L=6.08 -0.27 -4.25%



“ Markets Discount Everything”

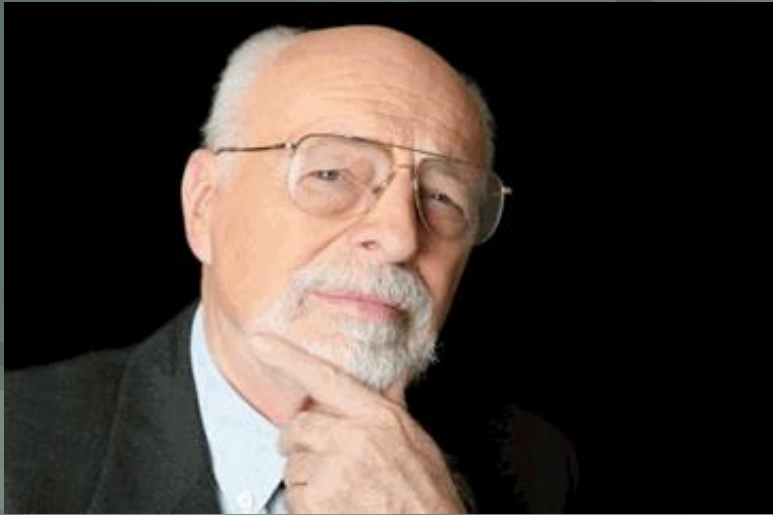


Over any period of time, all factors that have happened, are expected to happen and could happen are already priced into the market.

As anything changes real or *perceived*, the market adjusts along with the prices, reflecting that new information.



Buy The Rumor / Sell The News



Follow The Money



“Price is All That Matters”



TECHNICAL ANALYSIS

PRELIMINARY STUDIES

Basic Chart Reading Skills are Required

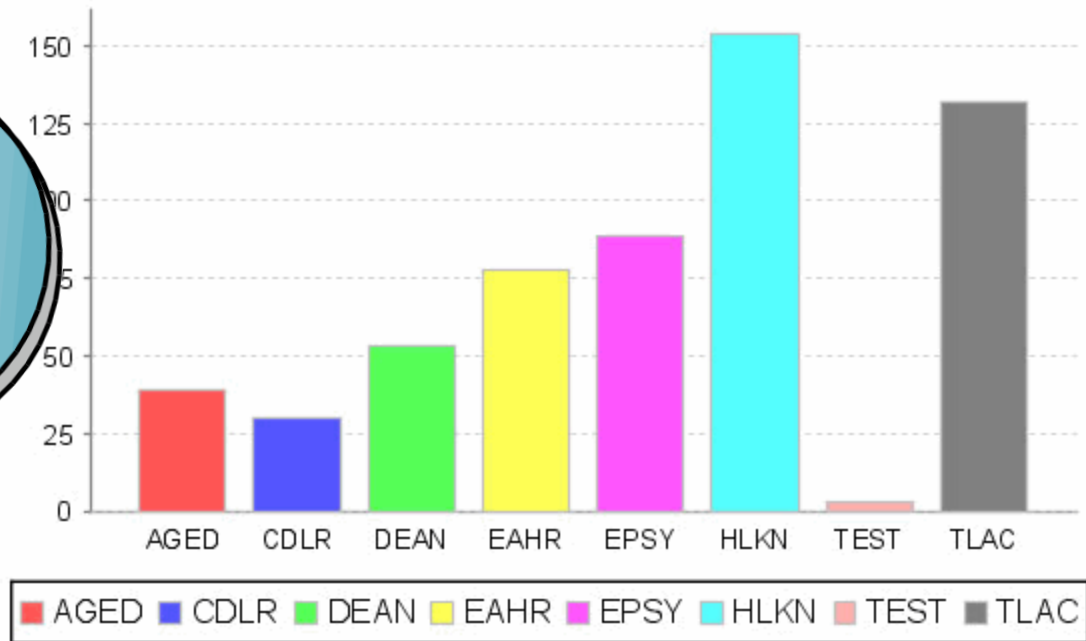
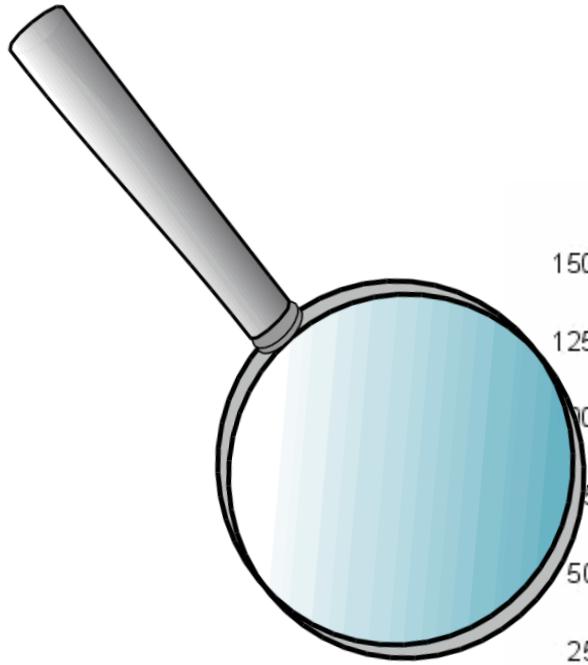
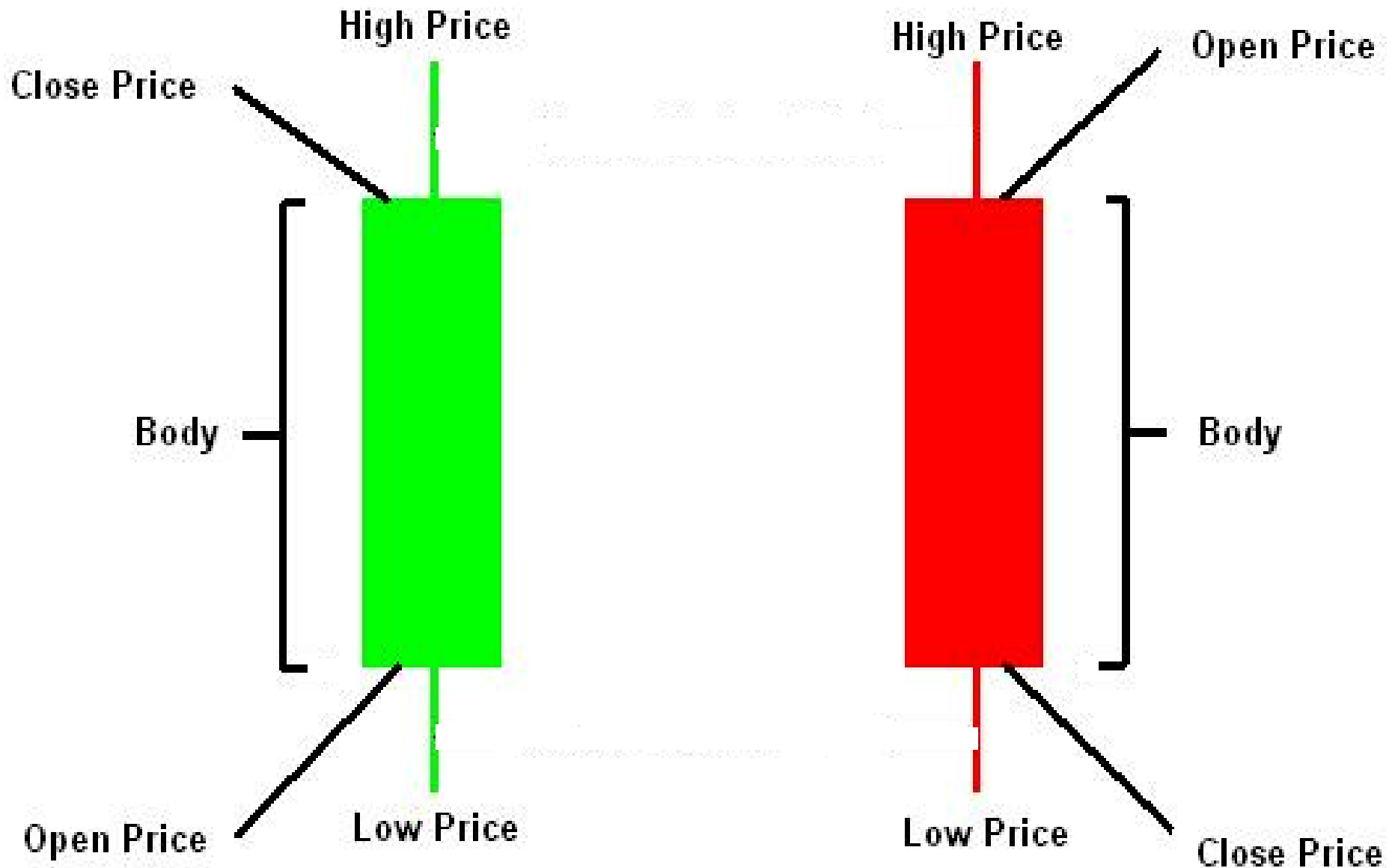


Chart Reading 101



Candle Stick Price Break Down



Chart Reading - 101

F - Daily Ford Motor NYSE V=22,668,219





Symbol	Order Status	Type	Quantity	Limit	Stop	Filled Price
UCO(HB)	Filled	Buy to Cover	37	17.28		17.28
UCO(HB)	Filled	Sell Short	37	23.10		23.10

*Everything is Simpler than you Think and
at the same time more Complex than you Imagine.*

Johann Wolfgang von Goethe



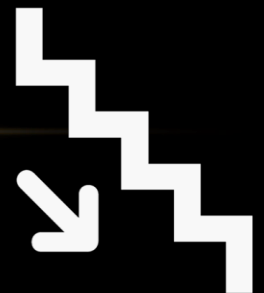
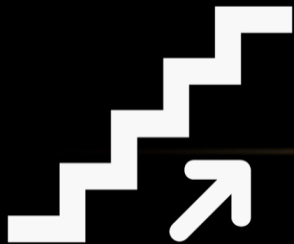
The Tautological - "Trend is Your Friend"

TREND LINE - UPS & DOWNS

The differences in the tracings between up & down trends are simply a function of the way financial markets tend to move.

Slowly and deliberately up, followed by sharp panic motivated drops.

“When Markets go up they use the stairs and when they go down they use the window.”



Berkshire Hathaway Inc.

82.68



S^upport & “Resist”ance

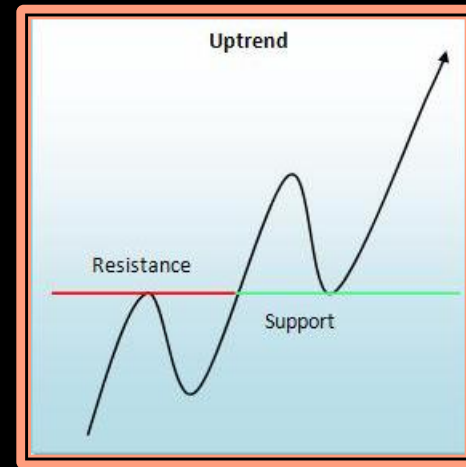
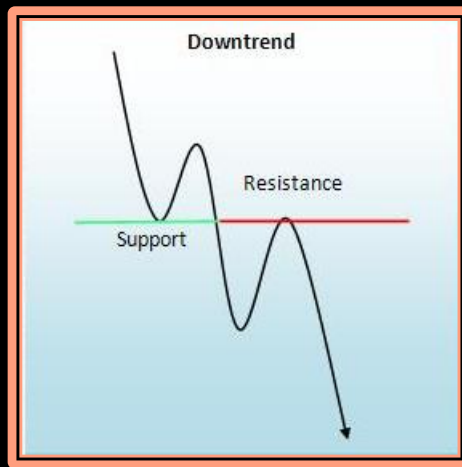


Support Becomes Resistance

Resistance Becomes Support

Battle Lines

Role Reversals



An important rule in regard to support or resistance lines is that when they are violated they will often reverse roles.



Established Perimeters

TradingTips



Strategic Execution Zones



Descending Triangle

TradingApps

Strategic Execution Zones



Strategic Execution Zones



TradingApps

DuPont

TradingApps



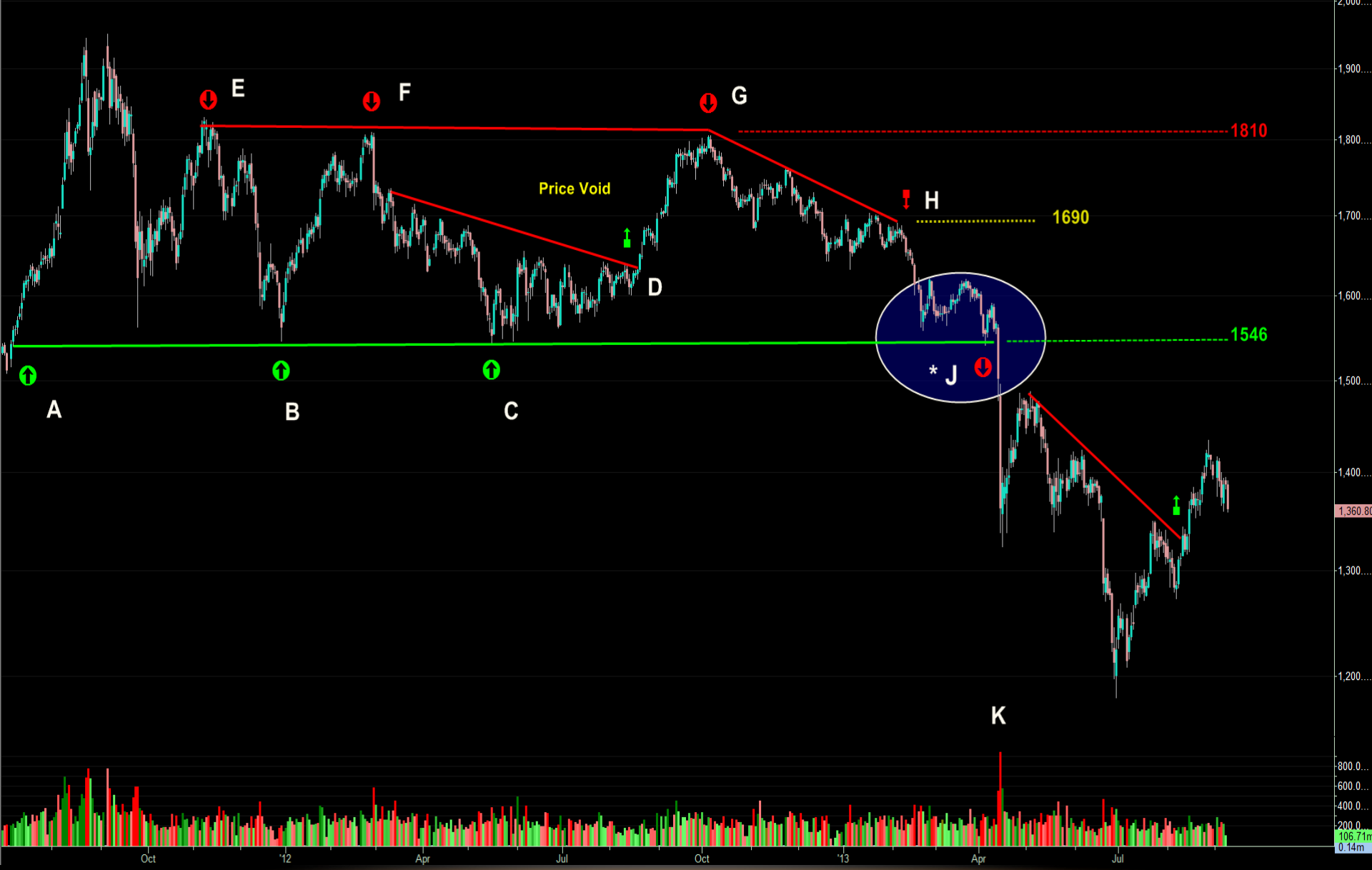
Visa

TradingApps



81.38

Disney



The - Price `is` Right

TECHNICAL ANALYSIS

WHY IT WORK'S

Other Measurements & Indicators

- o **Volatility Indicators** (VIX, VXN)
- o **Put - Call Ratios** (Option Ratios)
- o **Market Breath** (Advance/Decline Ratios)
- o **Sentiment Indicators** (AAll / Michigan)
- o **New Highs vs. New Lows** (Hindenburg Omen)
- o **Commitment of Traders Reports** (Futures Participants)
- o **TICK & TRIN** (Intraday Statistics)
- o **Market Depth / Time & Sales** (Order & Executions)
- o **Short Interest Ratios** (Day's To Cover)

Fundamentals Drive Price Movements

- Supply and demand of market participants are the driving forces behind long term price movements and those forces are driven by
- The current fundamentals of a company and its future prospects and the
- Quantitative analysis of revenues, earnings, expenses, assets, liabilities, etc. , are obviously very beneficial in predicting future long term price movements.

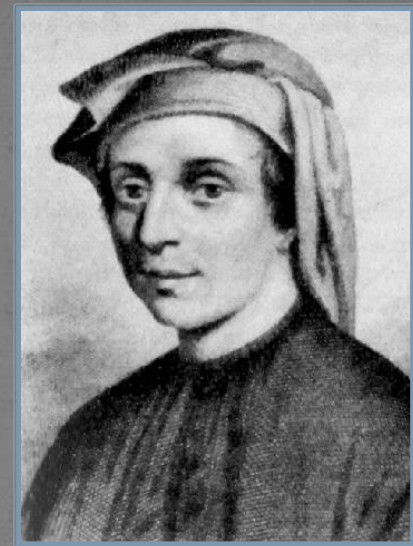


I like the way I Invest Now

... TA is an approach that is most effective, when incorporated in a manner that matches your personality, risk tolerance and financial situation.

Your preference for investment selections, does not have to change !

- Investment - television shows, magazines or newspapers
- Newsletter recommendations
- Your own fundamental based analysis
- Stock screens
- Astrology
- *Brother-in-law's hot tip of the month*



?

What people believe prevails over the truth.
- Sophocles



The Self-Fulfilling Prophecy



Price Void

Previous Support

TradeStation Data Win...

04/19/2013 16:00
 AAPL Daily [NASDAQ] Apple In
 Price=70.82
 Open=55.42
 High=57.09
 Low=55.01
 Close=55.79
 Vol=152318201
 OI=0
 P/E= 8.86

Fundamental Opportunities

Fundamental / Technical Different Approaches

- With a fundamental investing approach you are looking at what everyone else is looking at and trying to find something that no one else (market) sees.
- With a technical investment approach you are looking at what everyone else is looking at and trying to see what everyone else sees.

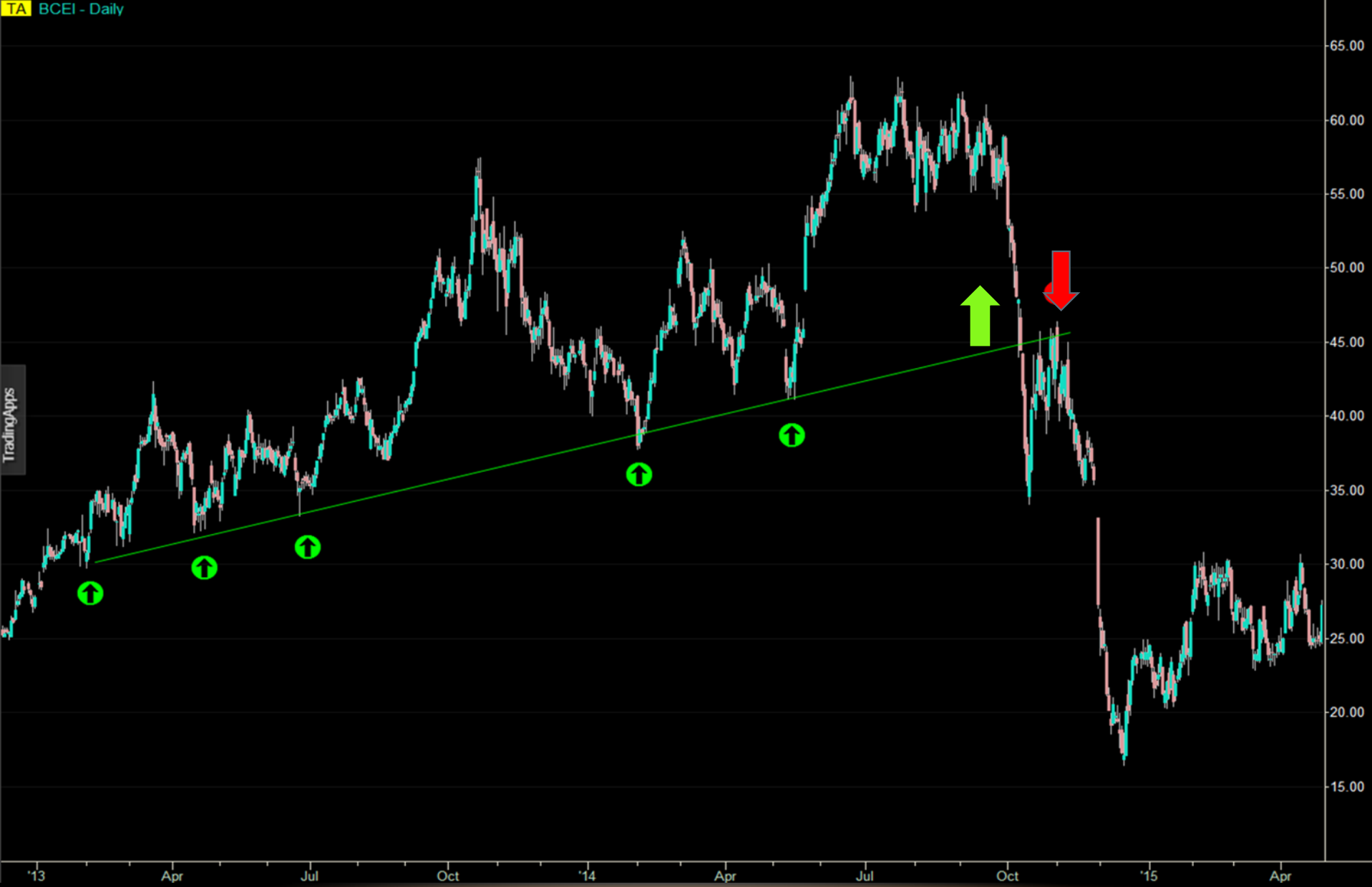
20 200	E	200 FT 61 M	1
20 100	F P	100 FT 30.5 M	2
20 70	T O Z	70 FT 21.3 M	3
20 50	L P E D	50 FT 15.2 M	4
20 40	P E C F D	40 FT 12.2 M	5
20 30	<u>E D F C Z P</u>	30 FT 9.14 M	6
20 25	F E L O P Z D	25 FT 7.62 M	7
20 20	<u>D E F P O T E C</u>	20 FT 6.10 M	8
20 15	L E F O D P C T	15 FT 4.57 M	9
20 13	F D P L T C E O	13 FT 3.96 M	10
20 10	F E O L C F T D	10 FT 3.05 M	11



Support Becomes Resistance

Resistance Becomes Support

"You Trade The Stock - Not The Company"



The Money Memory Effect

TradeStation Data Wi... [X]

07/26/2012 16:00
 DDD Daily [NYSE] 3D Systems
 Price=40.89
 Open=30.39
 High=34.95
 Low=30.37
 Close=34.18
 Vol=1556551
 OI=0
 TL#134=30.29

Significant Move or Not ?



Previous Day Close: \$34.29

July 26 Open: \$30.39

Gapped Down: \$3.90

$\$3.90 / \$34.29 = 11.3\%$

TECHNICAL ANALYSIS

WHY “YOU” NEED IT

Internal Types of Risk Associated with Investing

- **Over Aggressive** (too many positions)
- **Over Confidence** (positions too large)
- **Worship Risk** (someone else knows)
- **Hindsight Bias** (knew it all along)
- **Extrapolation Risk** (need to predict)
- **Herd Instinct** (everyone else is doing it)
- **Chasing Performance** (buying high – selling low)
- **Over Reaction** (past events)
- **Under Estimating** (probability of adverse events)
- **Rationalizing** (someone else's fault)
- **Irrational Thinking** (due for some good luck)
- **Physiological Risk** (fatigue, illness, stress)

* Opinion or Fact

*Beware of false knowledge;
it is more dangerous than ignorance.*
- George Bernard Shaw

- *The greatest obstacle to discovery is not ignorance -
it is the illusion of knowledge.*
- Daniel J. Boorstin

*To know yet to think that one does not know is best;
Not to know yet to think that one knows will lead to difficulty.*
- Lao Tzu

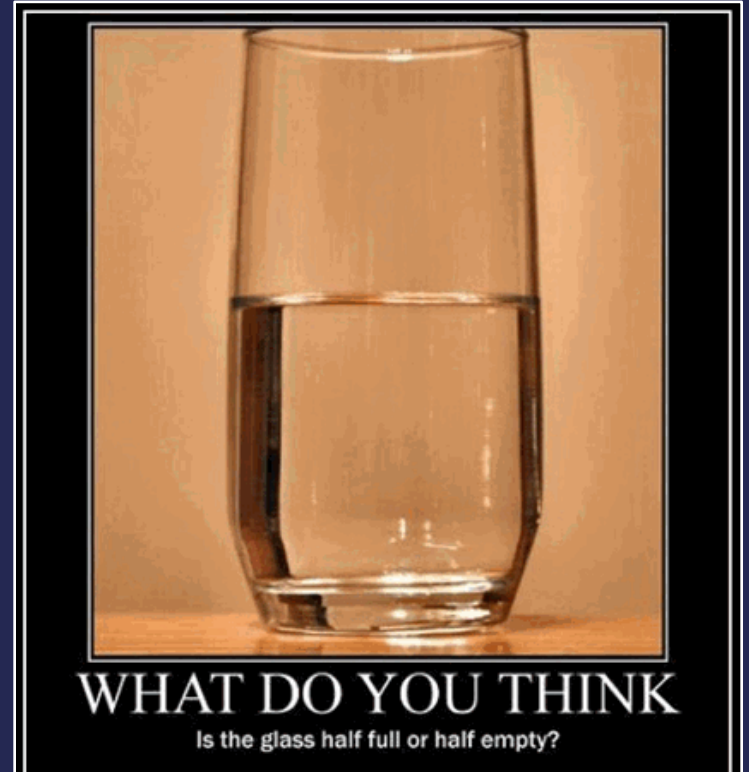
A Delicate Balance



PERCEPTIONS & YOU

*We don't see things as they are,
we see things as we are.*

- Anaïs Nin



3 Good Reasons

3 GOOD REASONS



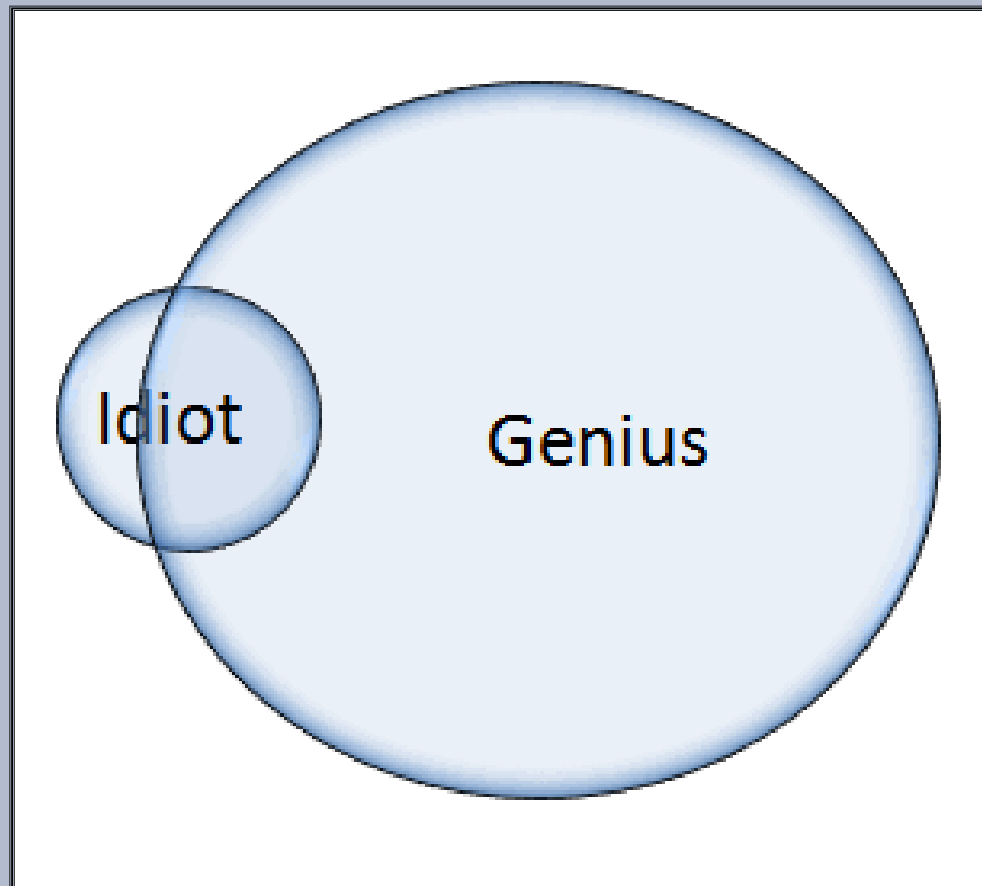
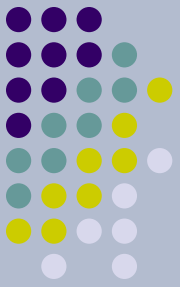
It's Not Personal !



It's a Fine Line

&

*It's **Not** a Trend Line*



LOOKS COMPLEX - BUT ISN'T

Can you read this?

if you can read this, you have a strange mind too. Can you read this? Only 55 people out of 100 can.

if you can read this, you have a strange mind too. Can you read this? Only 55 people out of 100 can. In a study by the University of Cambridge, it was found that the only important thing is that the first and last letters be

in the right place. The rest can be a total mess and you can still read it without a problem. This is because the human mind does not read every letter by itself, but the word as a whole. Amazing huh? Yeah and I always thought spelling was important! if you can read this forward it.

EVEN MORE COMPLEX

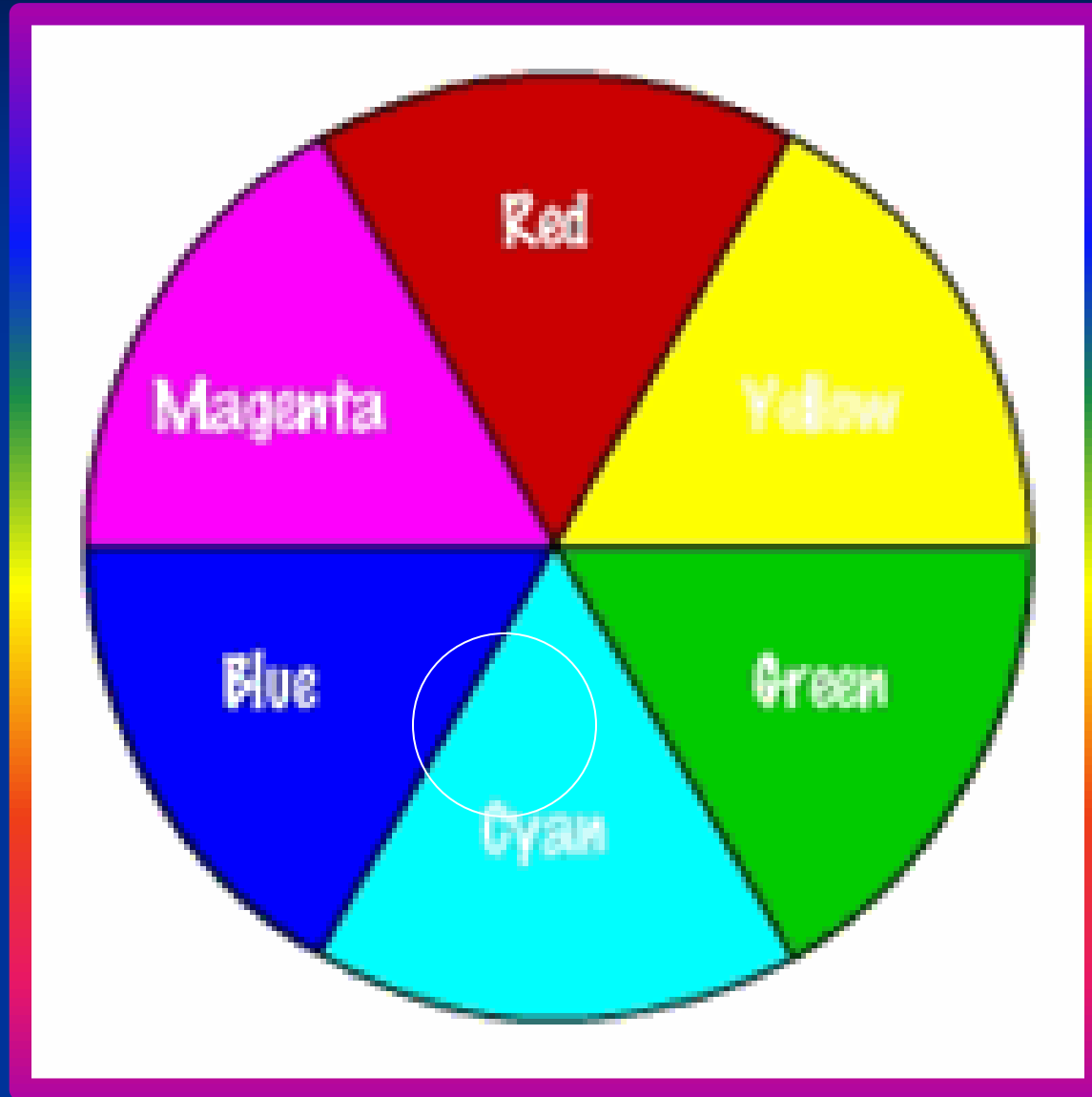
7H15 M3554G3
53RV35 7O PR0V3
H0W 0UR M1ND5 C4N
D0 4M4Z1NG 7H1NG5!
1MPR3551V3 7H1NG5!
IN 7H3 B3G1NN1NG
17 WA5 H4RD BU7
NOW, ON 7H15 LIN3
YOUR M1ND 1S
R34D1NG 17
4U70M471C4LLY
W17H 0U7 3V3N
7H1NK1NG 4B0U7 17,
B3 PROUD! ONLY
C3R741N P30PL3 C4N
R3AD 7H15.
PL3453 F0RW4RD 1F
U C4N R34D 7H15.



Our Magnificent Minds

a	ㄚ	er	儿	p	ㄆ
an	ㄢ	f	ㄈ	q	ㄑ
ang	ㄤ	g	ㄍ	r	ㄖ
ao	ㄠ	h	ㄏ	s(i)	ㄙ
b	ㄅ	i	ㄢ	sh	ㄕ
c(i)	ㄘ	j	ㄐ	t	ㄊ
ch	ㄘ	k	ㄎ	(w)u	ㄨ
d	ㄉ	l	ㄌ	x	ㄒ
ê	ㄝ	m	ㄇ	(y)ı	ㄩ
e	ㄜ	n	ㄋ	(y)u	ㄩ
ei	ㄟ	o	ㄛ	z(i)	ㄗ
en	ㄢ	ou	ㄛ	zh	ㄗ
(e)ng	ㄥ				

A.m.a.z.i.n.g – g.n.i.z.a.m.A



$IQ + EQ \neq \text{SUCCESS}$



QUESTIONS

QUESTIONS



QUESTIONS

QUESTIONS

The Three Main Points

- * I. Technicals can help us buy low and sell high.
- * II. Technicals tend to have a self fulfilling prophecy.
- * III. Price often moves before the reason becomes widely known – providing forecasting value.

*Strategy without
tactics is the slowest
route to victory.*

*Tactics without
strategy is the noise
before defeat.*

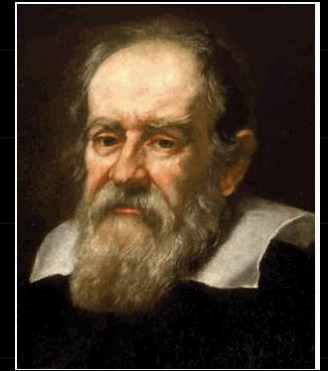
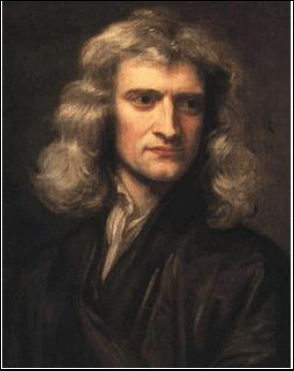
- Sun Tzu



STRATEGIC FORECASTING



“To Trend or Not To Trend”



Dow Theory & Relevancy

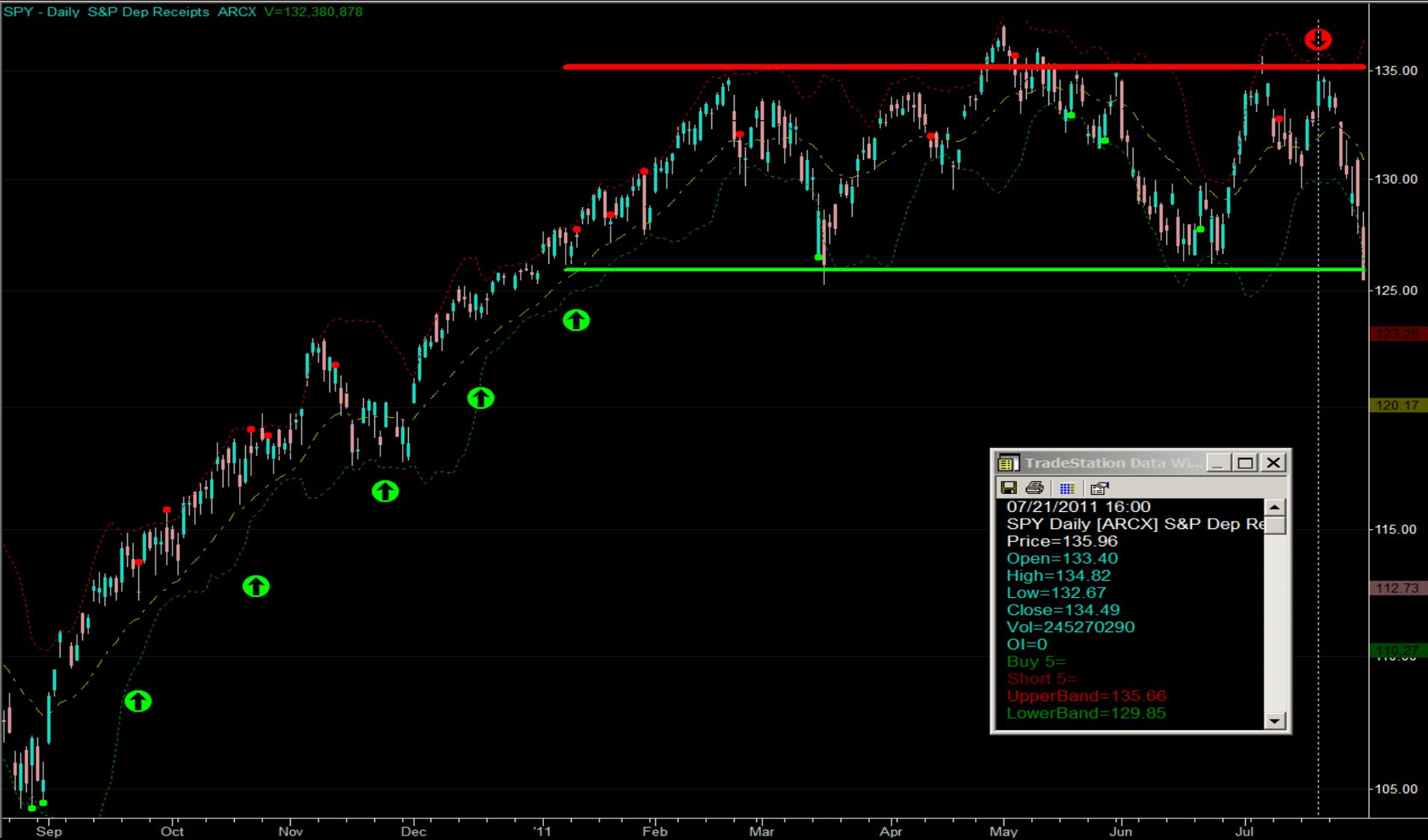
HIGHER HIGHS & HIGHER LOWS

CXO - Daily Concho Resources Inc



TREND RANGE AXIS

SPY - Daily S&P Dep Receipts ARCX V=132,380,878



TradeStation Data Wi... [X]

07/21/2011 16:00
SPY Daily [ARCX] S&P Dep Re
Price=135.96
Open=133.40
High=134.82
Low=132.67
Close=134.49
Vol=245270290
OI=0
Buy 5=
Short 5=
UpperBand=135.66
LowerBand=129.85

135.00
130.00
125.00
123.20
120.17
115.00
112.73
110.37
105.00

DISTRIBUTION - ACCUMULATION



DOUBLE BOTTOM



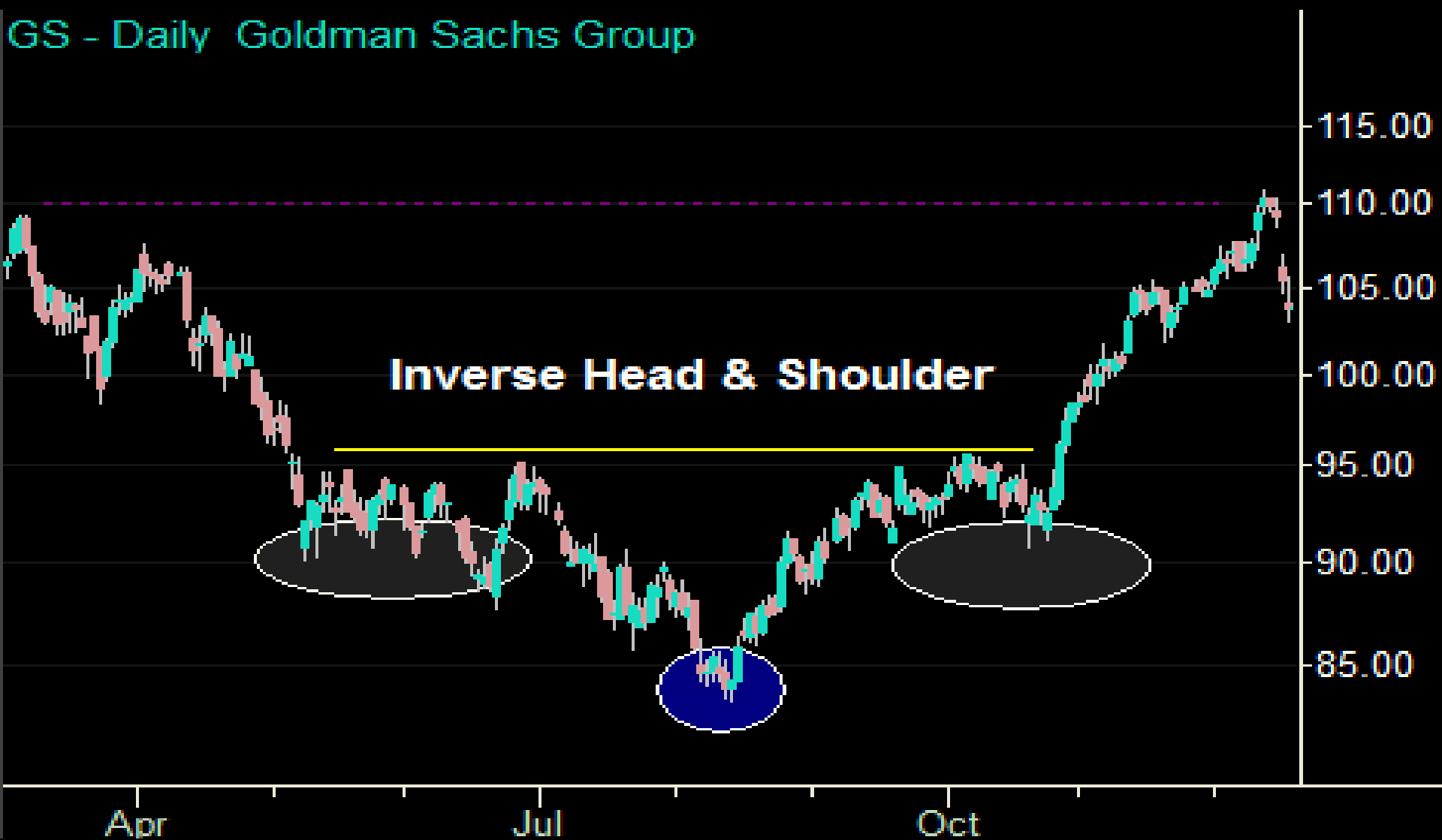
TRIPLE BOTTOM

SPY - Daily S&P Dep Receipts



INVERSE HEAD & SHOULDER

GS - Daily Goldman Sachs Group



ROUNDED BOTTOMS

SEDG(3) - Daily SolarEdge Tech Inc



TradingApps

54.15
50.00
40.00
30.00
20.00
10.00
160.0...
100.0...
22.88m
0.00m

SYMMETRICAL TRIANGLES

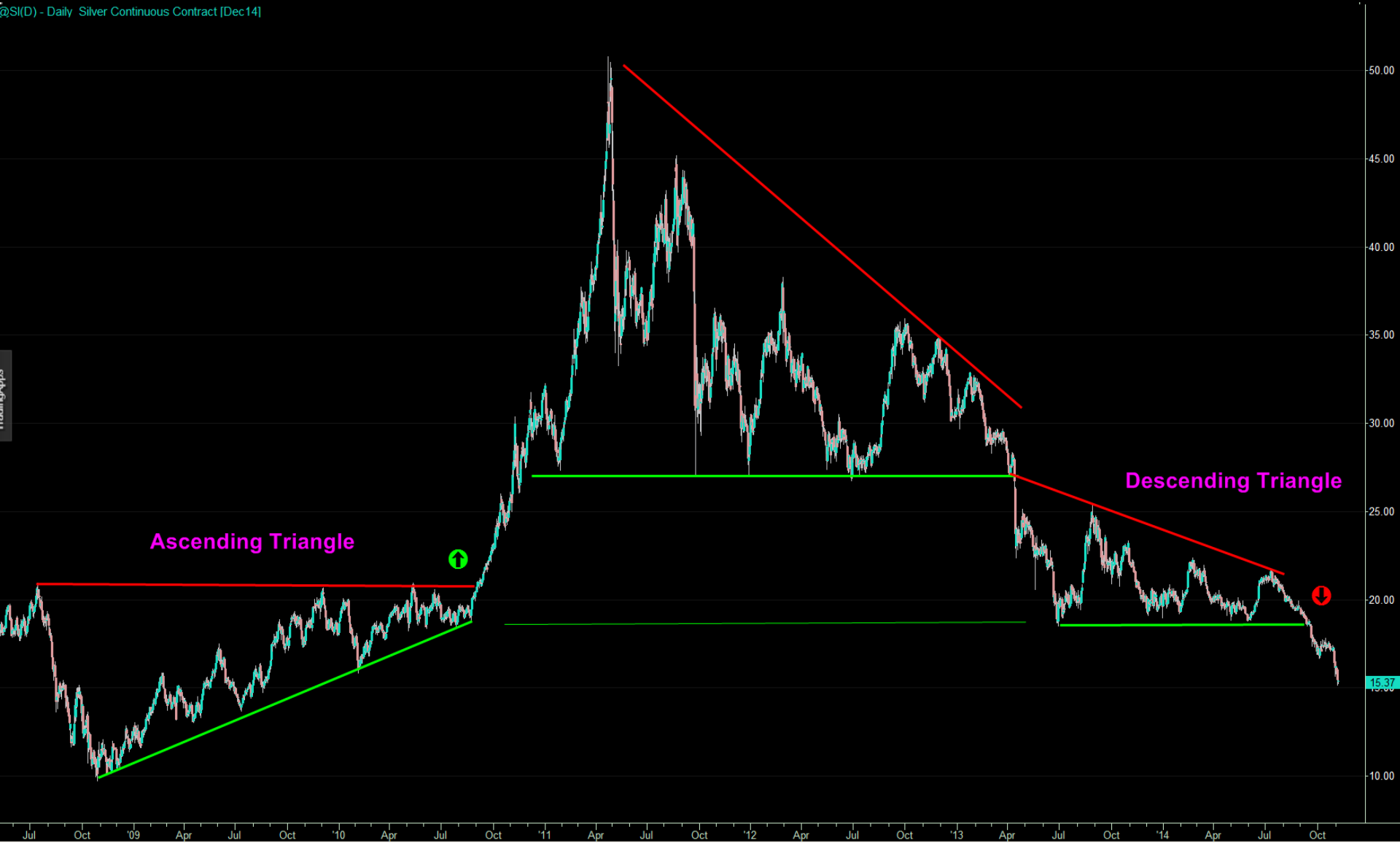
INCY - Daily Incyte Corp



TradingApps

TRIANGLE UPS & DOWNS

@SI(D) - Daily Silver Continuous Contract [Dec14]



CANDLE PATTERNS

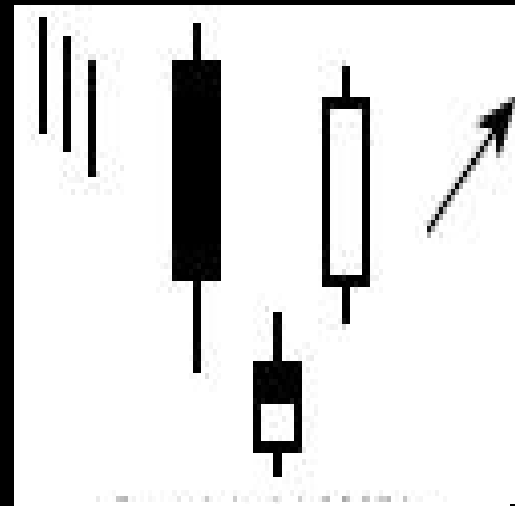
Abandoned Baby

Bullish Engulfing

Hammers

Morning Star

Bullish Kicker





The "Amazon" Jungle

International Business Machine (IBM)

IBM - Daily L=158.14 2.45 1.57%

Intl Business Machines Corp



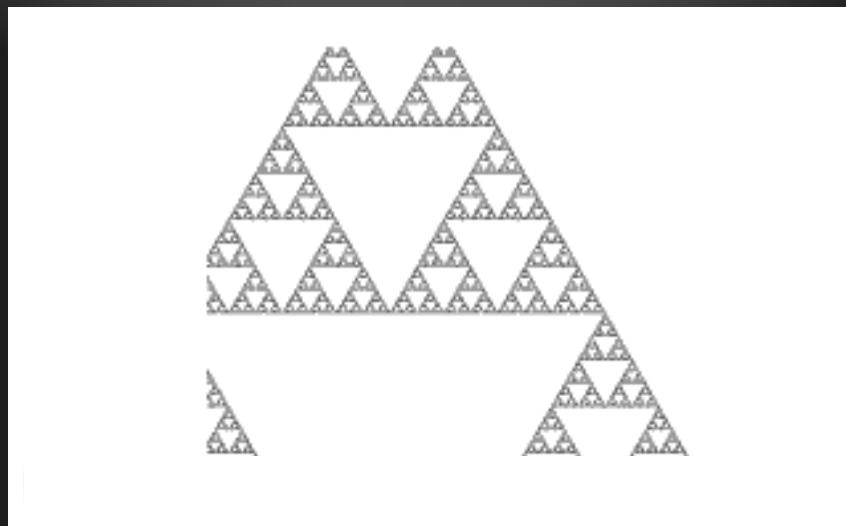
REINFORCING

THE

ANALYSIS

Universal Rules

The tools of technical analysis can be applied across multiple time frames, meeting the diverse needs of today's traders and investors.



DDD - Daily L=32.87 -0.78 -2.32%

Daily Bars (9 Months)



DDD - 60 min 3D Systems Corp NYSE V=1,117,807

60 Min Bars (3 Weeks)



DDD - 15 min Hi=34.01 VWP=33.24 Lo=32.81 DDD - 15 min Hi= ...

15 Min Bars (5 Days)



DDD - 5 min B=32.20 A=35.35

5 Min Bars (1.5 Days)





Multiple Security & Indicator Reinforcements



Fundamentally Sound



It Speaks "Volumes"



“Correlated Relative Efficiency”

- ❑ ETF's (Big Factor)
- ❑ Closet Mutual Funds
- ❑ Arbitraging
- ❑ Computer Processing Abilities
- ❑ Fair Value Pricing Models
- ❑ Growing Number of Educated Market Participants
- ❑ Exposure to the Same Information & News
- ❑ Lack of Information Delay



Relative Strength is Relative (Not RSI)

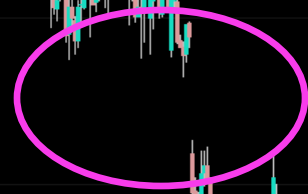
Berkshire Hathaway Inc.

82.68



Resistance

SUPPLY



DEMAND

Support



3/5

3/7

3/9

3/13

3/19

3/23

3/29

Apr

4/4

4/9

4/11

4/17

4/23

4/27

May

5/3

5/7

5/9

5/11

5/17

5/23

5/30

Jun

6/5

6/7

6/11

6/15

84.00
83.00
82.00
81.00
80.00
79.00
78.00

Price - Gaps



A Gap in Understanding



Channel Warning

Bulls Make a One Last Attempt at Horizontal Support

26.60

Deeper Analysis Insights

Murphy Oil Company (MUR)

MUR - Daily L=26.22 -2.06 -7.27%

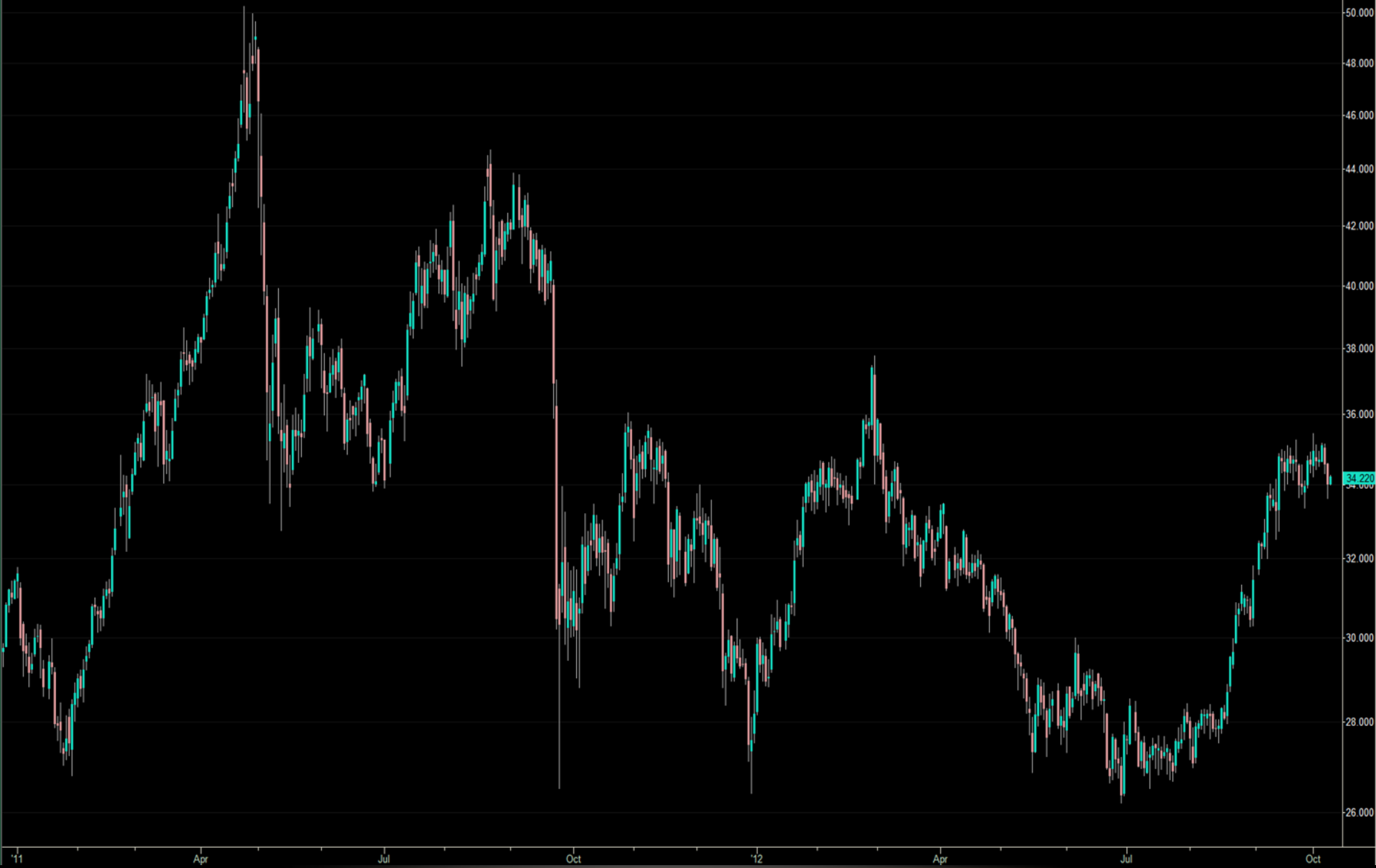
Murphy Oil Corp





Platinum Futures

@SI(D) - Daily L=34.220 0.203 0.60%



Silver Futures

INVESTMENT

EXECUTIONS

TradingTips



Strategic Execution Zones



Break Out Running

Berkshire Hathaway Inc.

82.68



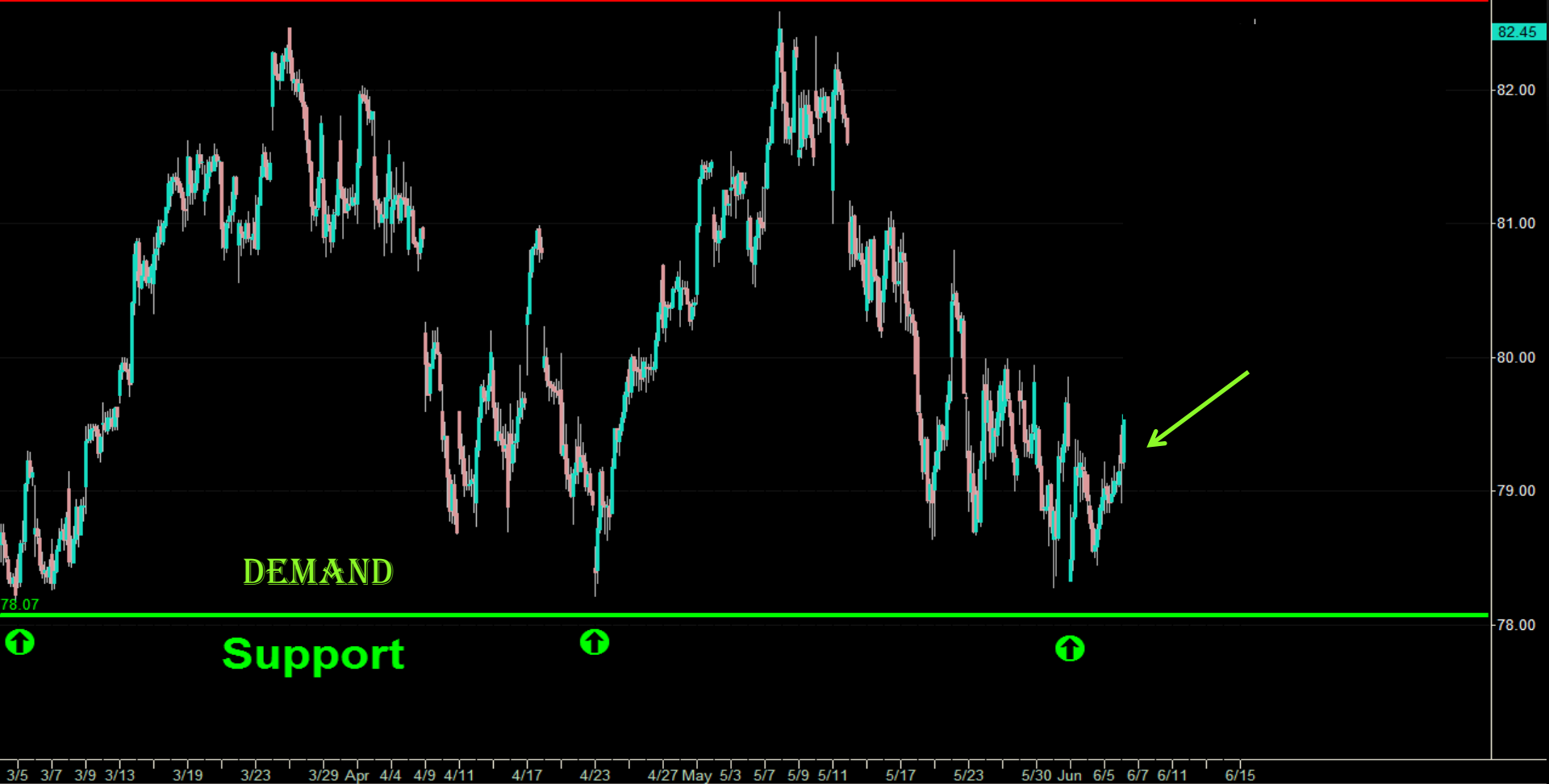
Anticipating Support

Berkshire Hathaway Inc.

82.68



Resistance



DEMAND

Support



3/5 3/7 3/9 3/13 3/19 3/23 3/29 Apr 4/4 4/9 4/11 4/17 4/23 4/27 May 5/3 5/7 5/9 5/11 5/17 5/23 5/30 Jun 6/5 6/7 6/11 6/15

“Confirming” Support

Berkshire Hathaway Inc.

82.68



Resistance

78.07



DEMAND

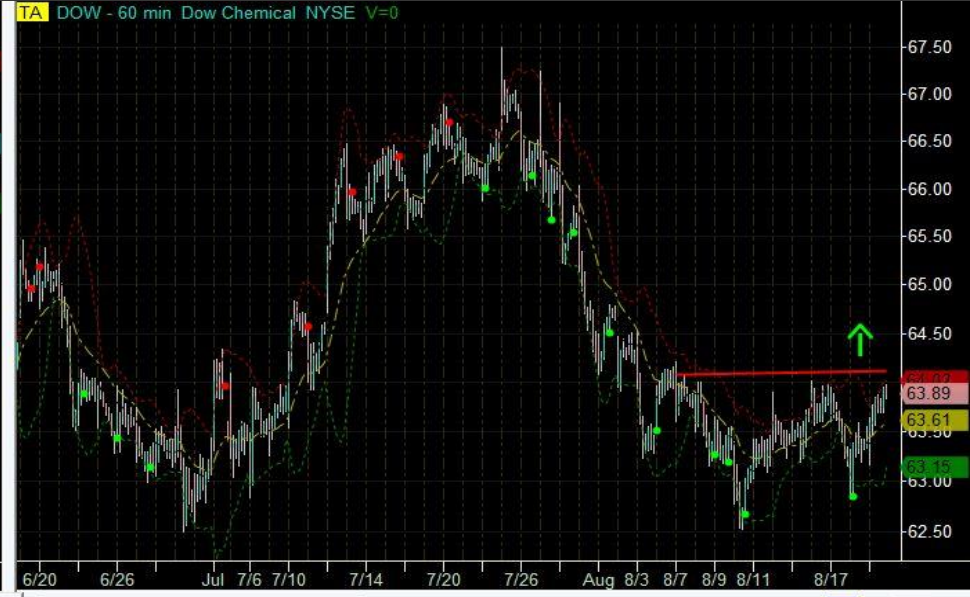
Support



3/5 3/7 3/9 3/13 3/19 3/23 3/29 Apr 4/4 4/9 4/11 4/17 4/23 4/27 May 5/3 5/7 5/9 5/11 5/17 5/23 5/30 Jun 6/5 6/7 6/11 6/15

84.00
83.00
82.45
82.00
81.00
80.00
79.00
78.00

“Confirming” Support



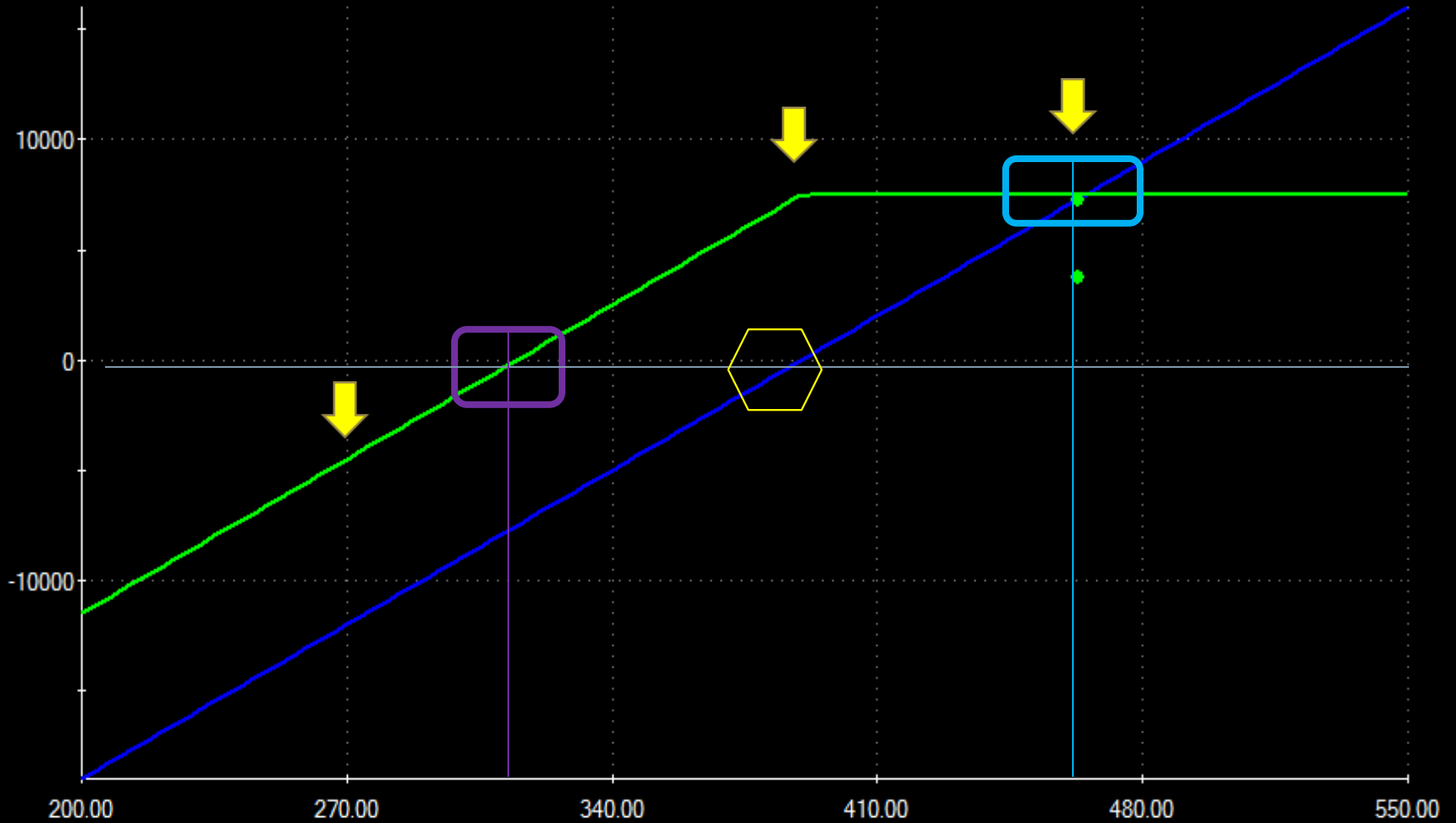
Anticipation Breakouts at Confirming Support

Calculated Position Risk was \$102 - Actual Loss Results was ~ \$200 or 2X Expected

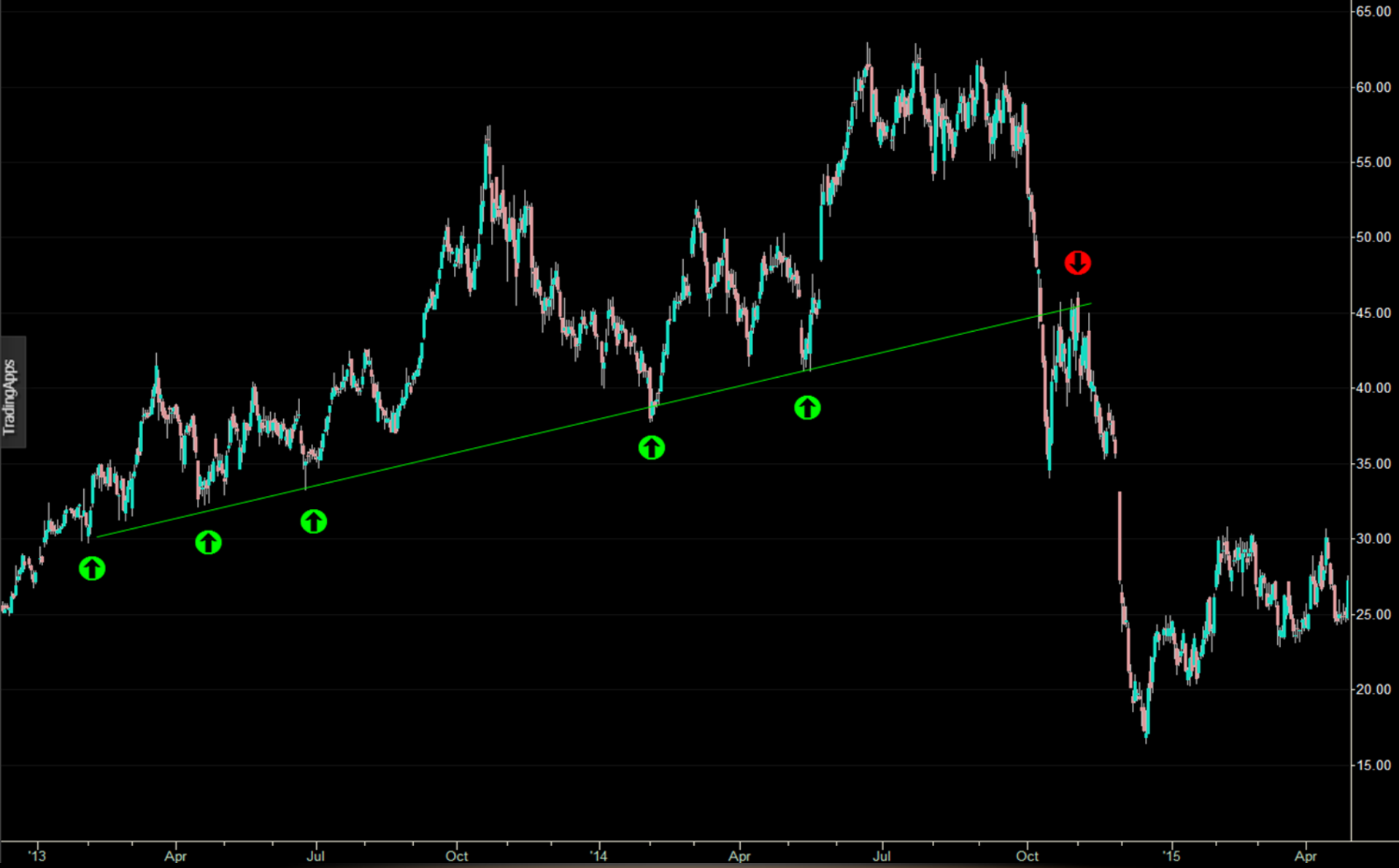


Purchase 100 Shares at \$12.00 Stop at \$10.98 Risk is \$102

Gaps & Realized Risk



“CALL” CONFORMATIONS



TradingApps

Stop Placements - When To Exit



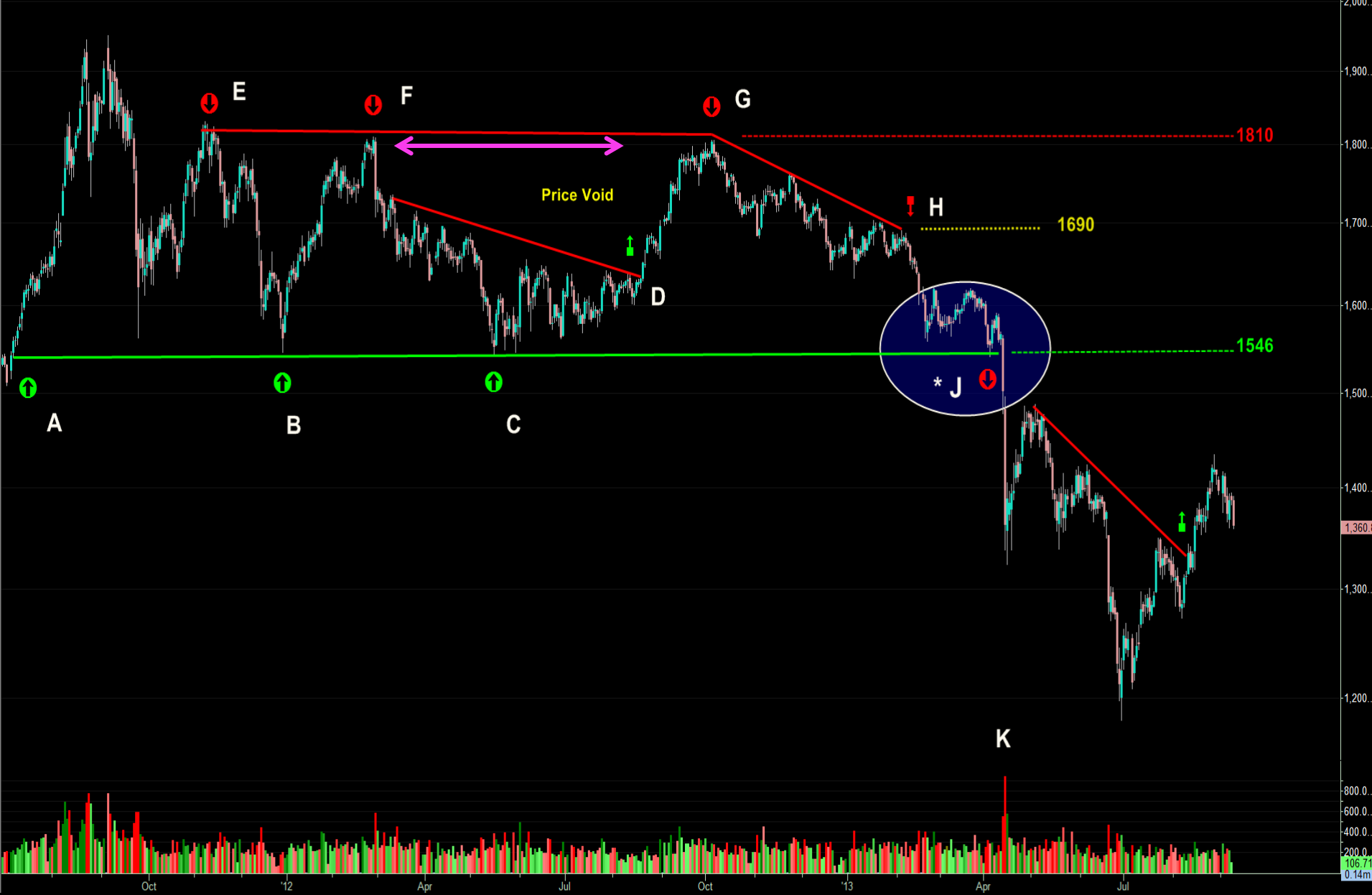
Invariably - Protecting Assets

Average True Range & Stop Levels

TradeStation RadarScreen - EMN Calculator												
Symbol	Last	*RS EMN Volaty Calcs			Evaluation	Buy # Shrs	Buy Cost	LStpLevel	Short # Shrs	Short Costs	SStpLevel	\$750
		Avg Vlty	ATR MA	ATR MA%								
Dow Jones Industrial Avg (30)												
\$INDU	\$20,754.38	\$113.50	\$124.48	0.6%	Max Dollar Limit	0	\$0.00	20,810.32	0	\$0.00	20,754.38	0 Shrs
AAPL	\$135.87	\$1.45	\$1.63	1.3%	Max Dollar Limit	4	\$543.48	127.53	4	\$543.48	144.87	4 Shrs
AXP	\$79.38	\$1.04	\$1.14	1.3%	Max Dollar Limit	8	\$635.04	75.55	8	\$635.04	83.88	8 Shrs
BA	\$177.68	\$2.23	\$2.44	1.4%	Max Dollar Limit	3	\$533.04	164.86	3	\$533.04	189.68	3 Shrs
CAT	\$94.68	\$1.59	\$1.77	1.7%	Max Dollar Limit	6	\$568.06	89.55	5	\$473.38	101.88	6 Shrs
CSCO	\$34.18	\$0.39	\$0.43	1.4%	Max Dollar Limit	18	\$615.32	32.04	18	\$615.32	36.18	18 Shrs
CVX	\$110.08	\$1.45	\$1.62	1.3%	Max Dollar Limit	5	\$550.40	103.82	5	\$550.40	117.28	5 Shrs
DD	\$79.39	\$1.11	\$1.15	1.6%	Max Dollar Limit	8	\$635.12	74.45	8	\$635.12	83.89	8 Shrs
DIS	\$109.52	\$1.18	\$1.26	1.1%	Max Dollar Limit	5	\$547.58	102.53	5	\$547.58	116.71	5 Shrs
GE	\$29.95	\$0.36	\$0.39	1.0%	Max Dollar Limit	20	\$599.10	28.22	20	\$599.10	31.75	20 Shrs
GS	\$247.20	\$3.94	\$4.35	1.7%	Max Dollar Limit	2	\$494.40	233.19	2	\$494.40	265.20	2 Shrs
HD	\$145.16	\$1.81	\$1.88	1.3%	Max Dollar Limit	4	\$580.64	135.71	4	\$580.64	154.16	4 Shrs
IBM	\$180.52	\$2.07	\$2.22	1.2%	Max Dollar Limit	3	\$541.56	169.65	3	\$541.56	192.52	3 Shrs
INTC	\$36.42	\$0.53	\$0.57	1.6%	Max Dollar Limit	16	\$582.72	33.93	16	\$582.72	38.67	16 Shrs
JNJ	\$122.21	\$1.29	\$1.35	1.1%	Max Dollar Limit	5	\$611.05	114.50	5	\$611.05	129.41	5 Shrs
JPM	\$90.05	\$1.17	\$1.33	1.3%	Max Dollar Limit	7	\$630.35	85.99	7	\$630.35	95.19	7 Shrs
KO	\$41.69	\$0.43	\$0.46	1.0%	Max Dollar Limit	14	\$583.59	39.09	14	\$583.59	44.26	14 Shrs
MCD	\$128.01	\$1.30	\$1.38	1.1%	Max Dollar Limit	5	\$640.05	121.07	5	\$640.05	135.21	5 Shrs
MMM	\$187.35	\$1.89	\$2.00	1.0%	Max Dollar Limit	3	\$562.05	175.19	3	\$562.05	199.35	3 Shrs
MRK	\$65.98	\$0.98	\$1.10	1.5%	Max Dollar Limit	9	\$593.78	61.85	9	\$593.78	69.98	9 Shrs
MSFT	\$64.47	\$0.80	\$0.87	1.2%	Max Dollar Limit	9	\$580.19	60.62	9	\$580.19	68.46	9 Shrs
NKE	\$57.71	\$0.86	\$0.92	1.6%	Max Dollar Limit	10	\$577.10	53.79	10	\$577.10	61.31	10 Shrs
PFE	\$34.20	\$0.50	\$0.55	1.4%	Max Dollar Limit	18	\$615.60	32.06	18	\$615.60	36.20	18 Shrs
PG	\$90.80	\$0.89	\$1.01	1.1%	Max Dollar Limit	7	\$635.60	85.99	7	\$635.60	95.94	7 Shrs
TRV	\$122.25	\$1.35	\$1.44	1.1%	Max Dollar Limit	5	\$611.25	115.16	5	\$611.25	129.45	5 Shrs
UNH	\$161.98	\$2.46	\$2.63	1.5%	Max Dollar Limit	4	\$647.84	153.60	4	\$647.84	170.96	4 Shrs
UTX	\$112.30	\$1.26	\$1.34	1.1%	Max Dollar Limit	5	\$561.50	104.89	5	\$561.50	119.50	5 Shrs
V	\$88.03	\$1.07	\$1.17	1.3%	Max Dollar Limit	7	\$616.20	83.04	7	\$616.20	93.17	7 Shrs
VZ	\$50.62	\$0.66	\$0.74	1.3%	Max Dollar Limit	12	\$607.44	47.31	12	\$607.44	53.62	12 Shrs
WMT	\$71.86	\$0.85	\$0.93	1.4%	Max Dollar Limit	8	\$574.92	66.81	8	\$574.92	76.36	8 Shrs
XOM	\$81.11	\$1.11	\$1.22	1.3%	Max Dollar Limit	7	\$567.80	76.64	7	\$567.80	86.25	7 Shrs



Stop Location Calculations



Setting Strategic Profit Targets

QUANTITATING

TECHNICAL

INDICATORS



Technical Analysis

&

Mutual Funds

Attempting to utilize trend line theory on non-index based Mutual Fund charts for timing entries and exits is NOT appropriate or recommended.

Technical Analysis & Mutual Funds

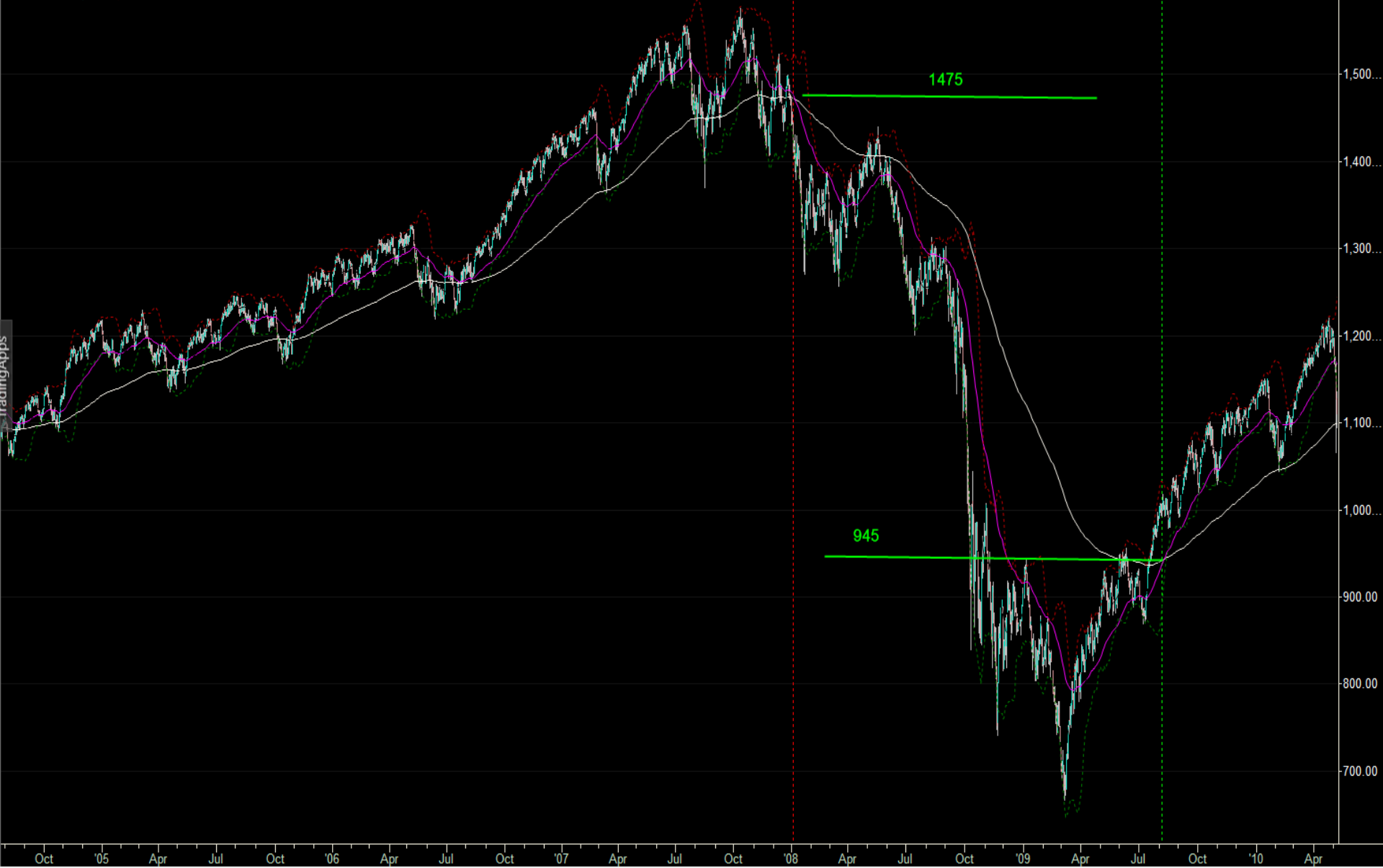


For Mutual Fund Selections it is recommended that you evaluate and compare the funds relative strength over various periods of time, to that specific fund's category peers.

For Mutual Fund Purchases and Redemptions it is appropriate to utilize technical analysis on the Major Indexes on which the specific fund's components are based and correlated.



“Mutual” - Moving Average Strategy



“Mutual” - Moving Average Strategy



COMPUTERIZED INVESTING ARTICLE

We are starting a new series of articles to the CI lineup, covering the Classic Technical Indicators. Writing this series is Raymond Rondeau, a fairly well-known name in the field of technical analysis and one that is familiar to our AAI members. Ray has been involved with AAI for the last 10-plus years in various capacities, including writing for the *AAII Journal*, serving as the AAI Boston Chapter president and speaking at more than 20 local AAI chapters. Ray also lectured at the AAI Investor Conference last year (2015) in Las Vegas. More information about Ray can be found here:

<http://www.aaii.com/authors/Ray-Rondeau>

We appreciate your interest!

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<http://www.aaii.com/authors/Ray-Rondeau>

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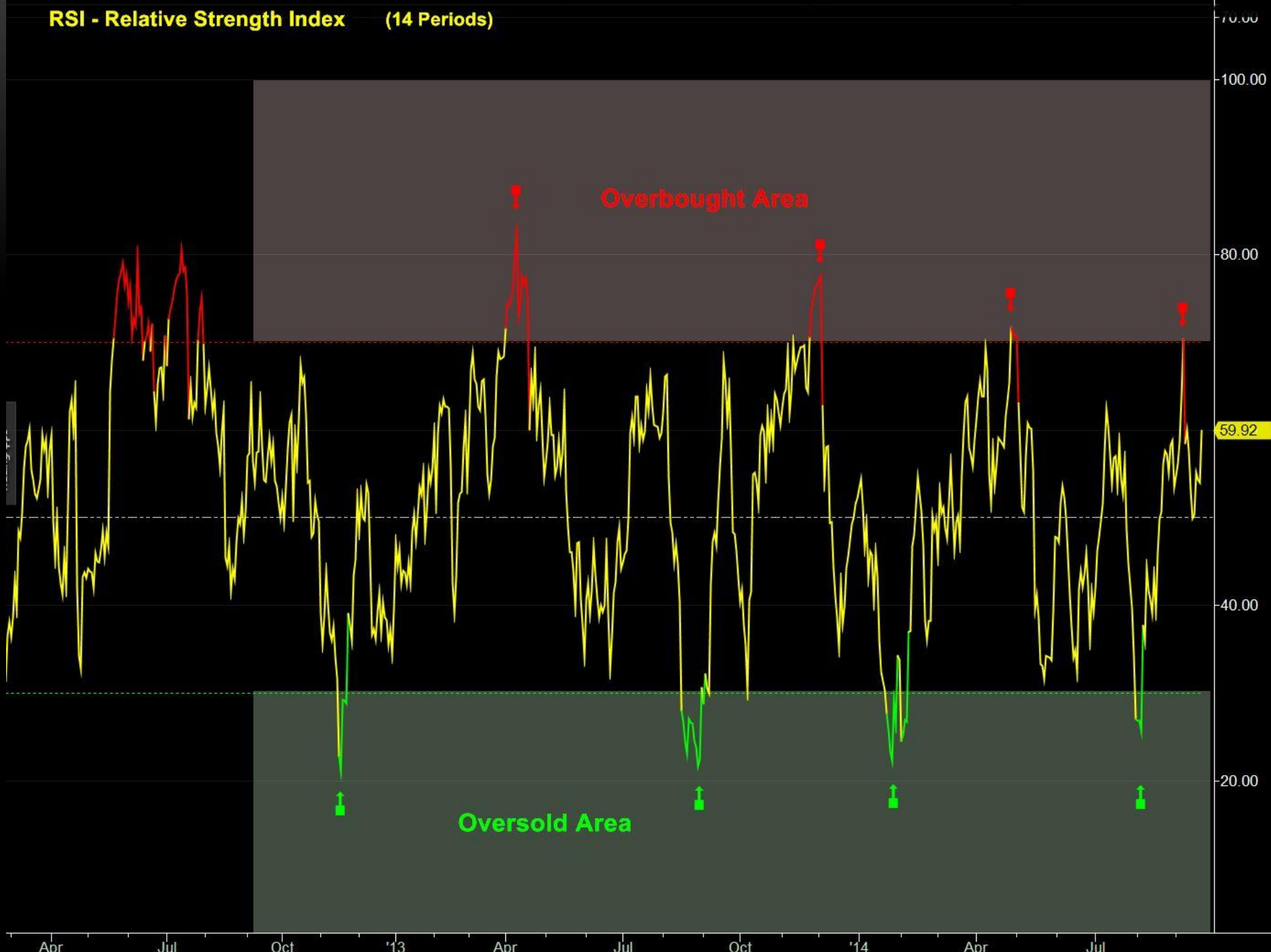
www.aaii.com

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RSI - Relative Strength Index

RSI - Relative Strength Index (14 Periods)



Overbought Area

Oversold Area

59.92

Apr Jul Oct '13 Apr Jul Oct '14 Apr Jul

*“One accurate
measurement is worth
a thousand expert
opinions”*

- Grace Hopper



Performance Report - Bollinger Reverse

- Portfolios
- Reports
 - Performance Report
 - Optimization Report
 - Optimization Performance Reports
 - Orders Report
 - Trace Log

Summary	Value
Total Return	\$167,094.66
Total Realized Return	\$166,673.91
Gross Profit	\$1,120,947.14
Gross Loss	(\$954,273.23)
Open Trade P/L	\$420.75
Number of Trades	26207
Number of Winning Trades	13373
Number of Losing Trades	12310
% Profitable	51.03 %
Average Trade	\$6.36
Average Trade (%)	0.26 %
Standard Deviation	\$125.89
Standard Deviation Trade %	5.10 %
Largest Winning Trade	\$2,101.40
Largest Losing Trade	(\$3,900.00)
Profit Factor	1.17
Average Win/Average Loss	1.08
Sharpe Ratio	0.2296
K-Ratio	0.3772
Return Retracement Ratio	4.6659
Compounded Annual Return	8.06 %
Compounded Monthly Return	0.64 %
Average Annual Return	\$11,935.33
Average Annual Return (%)	7.50 %
Average Monthly Return	\$1,092.12
Average Monthly Return (%)	0.67 %
Percent Days Profitable	49.80 %
Percent Months Profitable	65.36 %
Percent Years Profitable	85.71 %
Commissions on Currencies	\$0.00

Lock...	Portfolio Name	Report Name	Modified	Start	End	Total Return	Sharpe Ra...	K-Ratio	# Tra...	Average Tr...	Avg Drawd...	Max Drawd...	Total Return / Max Draw...	Type	Curre...	Initial Capl...	Risk Free...	Paramet...	MM Par...
■	Bollinger L&...	Backtest 001...	11/13/2016 10:...	3/24/2000	3/5/2013									Standa...	USD	\$100,000.00		2	
■	Bollinger L&...	Bollinger Re...	11/13/2016 10:...	3/24/2000	2/5/2013	\$167,094.66	0.2296	0.3772	26207	\$6.36	(\$2,603.03)	(\$41,491.95)	4.0272	Standa...	USD	\$100,000.00		2	Indicato...
■	MACD Cross...	MACD Above...	11/12/2016 3:5...	3/24/2000	3/5/2013	\$836,164.55	0.1847	0.2270	18457	\$45.19	(\$13,012.58)	(\$439,797....)	1.9012	Standa...	USD	\$100,000.00		2	FastLen...
■	MACD Cross...	MACD Above...	11/12/2016 3:4...	3/24/2000	3/5/2013	\$860,569.25	0.1827	0.2452	14671	\$58.53	(\$12,007.55)	(\$422,295....)	2.0378	Standa...	USD	\$100,000.00		2	FastLen...
■	MACD Cross...	MACD Above...	11/12/2016 3:3...	3/24/2000	3/5/2013	\$966,488.64	0.1835	0.2461	16598	\$58.07	(\$14,262.70)	(\$456,421....)	2.1175	Standa...	USD	\$100,000.00		2	FastLen...
■	MACD Cross...	MACD Cross...	11/12/2016 3:0...	3/24/2000	3/5/2013	\$882,443.60	0.1737	0.2363	30143	\$29.09	(\$13,927.15)	(\$456,314....)	1.9339	Standa...	USD	\$100,000.00		2	FastLen...
■	MACD Cross...	MACD Cross...	11/12/2016 2:5...	3/24/2000	3/5/2013	\$579,893.88	0.1448	0.1587	37607	\$15.27	(\$14,152.87)	(\$439,250....)	1.3202	Standa...	USD	\$100,000.00		2	FastLen...
■	MACD Cross...	MACD Cross...	11/12/2016 2:3...	3/24/2000	3/5/2013	\$702,153.58	0.1589	0.1986	29198	\$23.90	(\$12,536.15)	(\$400,194....)	1.7545	Standa...	USD	\$100,000.00		2	FastLen...

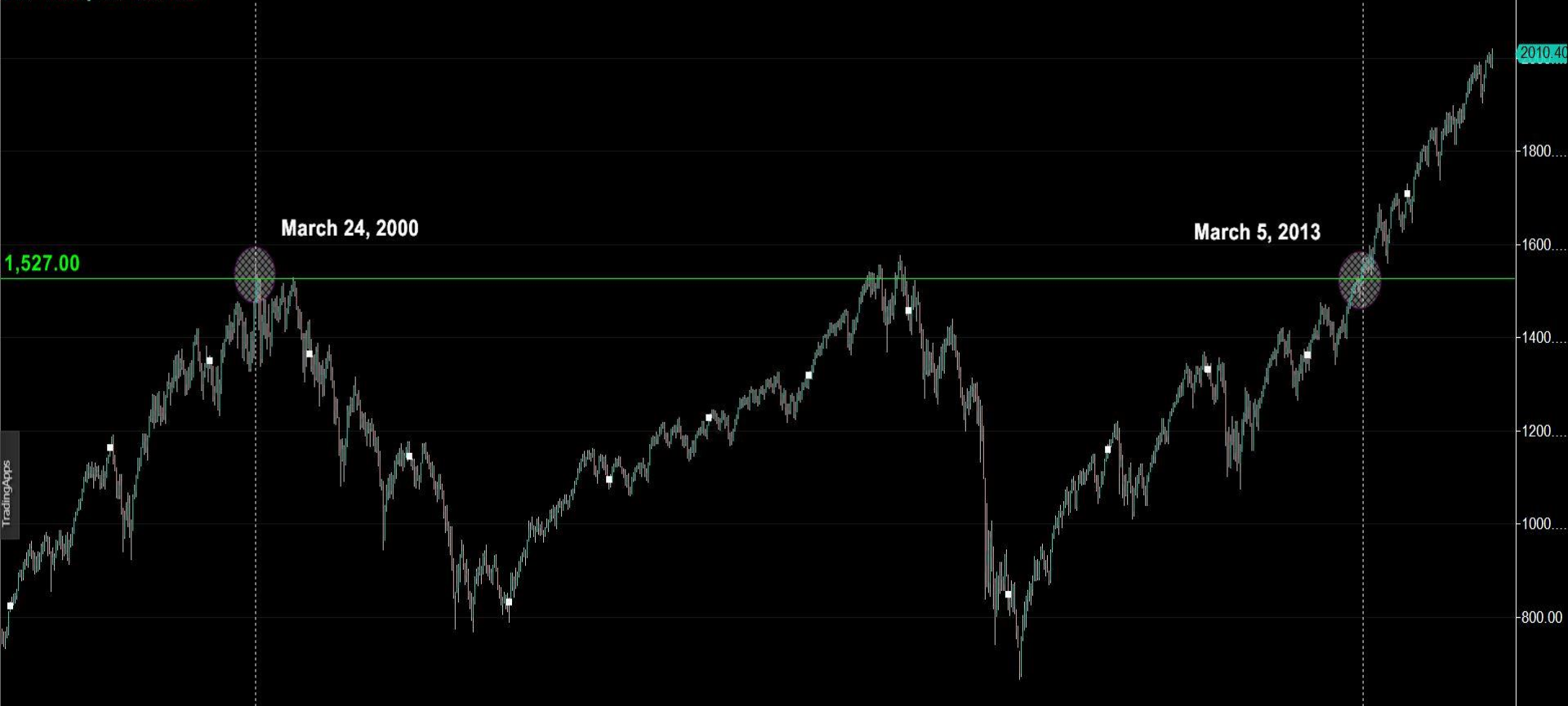
Analysis

TradeStation's - Portfolio Maestro

Optimization Report - Optimized Centerline Crossover									
Test	Total Return	Trades	Avg Trade	Avg Drawdown	Max Drawdown	Sharpe Ratio	K-Ratio	Total Return / Max Drawdo...	Inputs
01	\$254,197.07	1020	\$247.32	\$3,787.39	\$129,792.74	0.1459	0.1295	195.85 %	LgOverSold=20
02	\$294,262.42	1277	\$228.99	\$5,468.61	\$178,299.56	0.1441	0.1120	165.04 %	LgOverSold=21
03	\$344,582.81	1564	\$218.67	\$6,468.11	\$209,178.18	0.1480	0.1133	164.73 %	LgOverSold=22
04	\$386,232.79	1880	\$203.76	\$7,126.45	\$262,313.93	0.1445	0.1057	147.24 %	LgOverSold=23
05	\$448,026.01	2219	\$200.82	\$7,139.95	\$293,428.20	0.1499	0.1184	152.69 %	LgOverSold=24
06	\$483,652.26	2566	\$187.80	\$7,624.09	\$329,485.36	0.1518	0.1120	146.79 %	LgOverSold=25
07	\$506,357.40	2894	\$174.08	\$8,118.62	\$361,078.09	0.1519	0.1077	140.23 %	LgOverSold=26
08	\$526,285.73	3287	\$159.60	\$8,691.36	\$386,234.32	0.1522	0.1077	136.26 %	LgOverSold=27
09	\$566,751.78	3674	\$153.39	\$9,390.16	\$405,638.16	0.1555	0.1152	139.72 %	LgOverSold=28
10	\$621,154.22	4073	\$151.53	\$9,891.58	\$426,859.23	0.1624	0.1224	145.52 %	LgOverSold=29
11	\$644,954.27	4445	\$144.45	\$10,494.41	\$438,680.86	0.1612	0.1294	147.02 %	LgOverSold=30
12	\$682,406.70	4843	\$140.60	\$11,127.73	\$459,351.76	0.1645	0.1322	148.56 %	LgOverSold=31
13	\$698,470.88	5180	\$134.53	\$12,620.94	\$472,583.00	0.1633	0.1325	147.80 %	LgOverSold=32
14	\$742,992.08	5578	\$132.89	\$13,332.25	\$483,567.90	0.1640	0.1440	153.65 %	LgOverSold=33
15	\$793,057.06	5979	\$132.20	\$13,586.76	\$494,494.21	0.1688	0.1541	160.38 %	LgOverSold=34
16	\$841,425.85	6339	\$132.23	\$13,666.08	\$501,737.62	0.1715	0.1639	167.70 %	LgOverSold=35
17	\$869,527.15	6683	\$129.51	\$13,913.21	\$513,914.96	0.1760	0.1650	169.20 %	LgOverSold=36
18	\$899,458.46	6983	\$128.26	\$13,858.70	\$503,302.16	0.1771	0.1742	178.71 %	LgOverSold=37
19	\$938,547.45	7313	\$127.85	\$14,234.50	\$509,908.86	0.1801	0.1784	184.06 %	LgOverSold=38
20	\$968,206.45	7628	\$126.43	\$14,669.76	\$517,046.53	0.1820	0.1819	187.26 %	LgOverSold=39
21	\$1,000,065.37	7917	\$126.04	\$14,854.54	\$523,551.87	0.1823	0.1871	191.02 %	LgOverSold=40
22	\$1,006,554.97	8181	\$122.82	\$14,946.91	\$526,824.28	0.1820	0.1866	191.06 %	LgOverSold=41
23	\$1,023,452.37	8421	\$121.28	\$15,703.15	\$527,273.53	0.1810	0.1900	194.10 %	LgOverSold=42
24	\$1,045,785.20	8721	\$119.62	\$16,089.97	\$528,445.73	0.1807	0.1943	197.90 %	LgOverSold=43
25	\$1,073,581.88	8998	\$118.98	\$15,648.04	\$526,508.55	0.1827	0.1989	203.91 %	LgOverSold=44
26	\$1,096,843.89	9247	\$118.29	\$15,721.76	\$528,816.10	0.1846	0.2027	207.41 %	LgOverSold=45
27	\$1,102,055.53	9486	\$115.87	\$15,981.88	\$532,129.46	0.1836	0.2008	207.10 %	LgOverSold=46
28	\$1,114,401.75	9779	\$113.82	\$16,307.92	\$534,342.85	0.1844	0.2029	208.56 %	LgOverSold=47
29	\$1,137,674.98	10071	\$112.95	\$16,772.23	\$528,802.87	0.1865	0.2082	215.14 %	LgOverSold=48
30	\$1,161,480.78	10381	\$111.83	\$16,983.18	\$528,295.48	0.1886	0.2118	219.85 %	LgOverSold=49
31	\$1,179,990.00	10651	\$110.71	\$16,865.59	\$531,917.93	0.1903	0.2136	221.84 %	LgOverSold=50

Backtesting - Timeline

\$INX - Weekly S&P 500 Index



Name	Value
Portfolio Name	RSI Exit On Entry Ov/Un
Created Using	Portfolio Maestro 9.5.0.2463
Start Date	3/24/2000
End Date	3/5/2013
Initial Capital	\$100,000.00
Base Currency	USD
Limit and Stop Triggers	Disabled
Reversing Trades	Enabled
Risk Free Rate	2.00 %
Sharpe Period	Monthly

Portfolio Constraints

None

Portfolio Stop Strategy

None

Strategy Group

Name	RSI Long Positions Exit on Entry into Ov/Un
Asset Class	Equities
Max Bars Referenced	50
Trade Size	100 Dollar(s) per Trade, Minimum 1, Round down to nearest 1

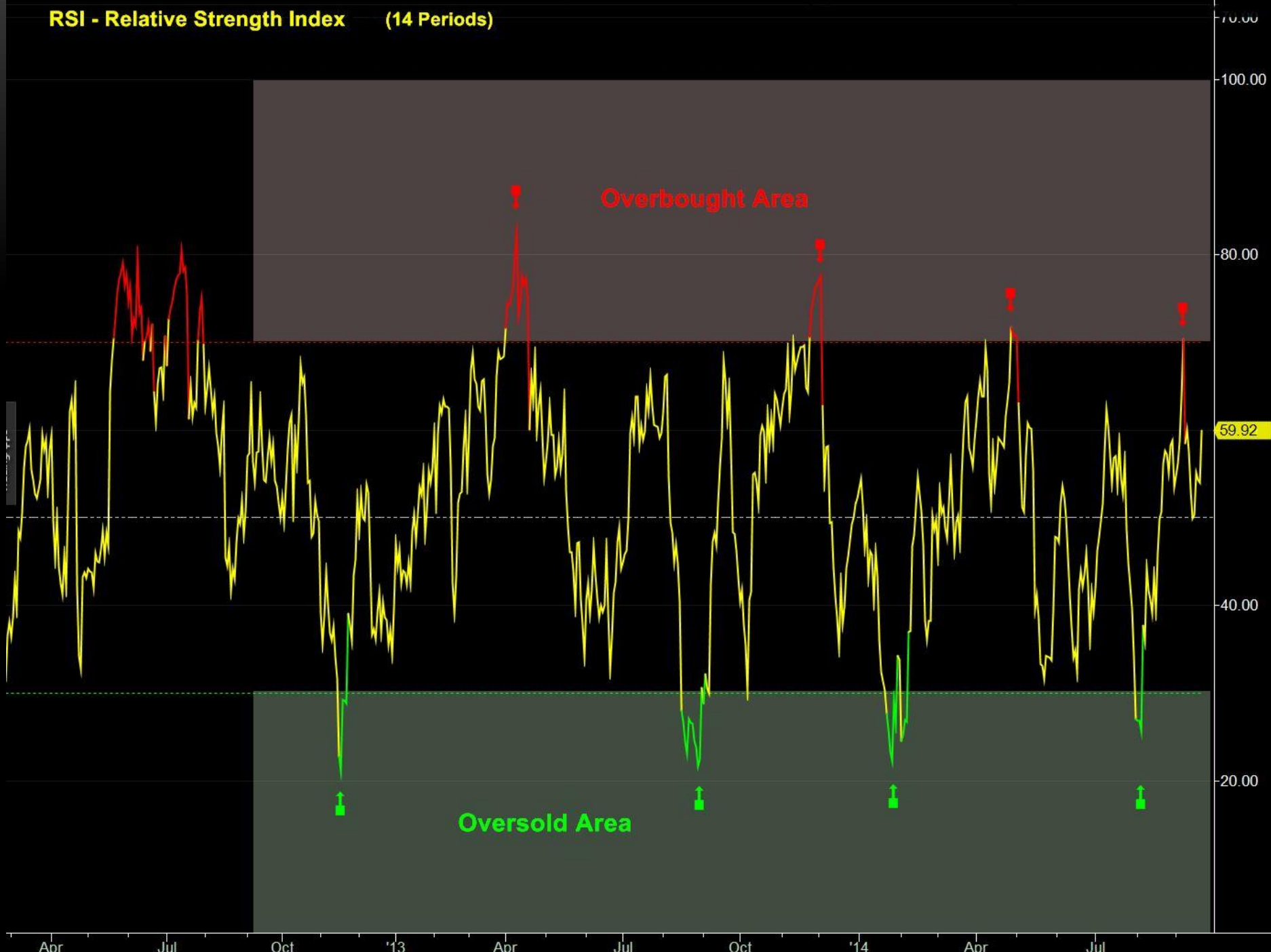
Strategy

RSI Strategy - Exit on Ov/Un 1st Entry (Ray)	Price: Close
	Length: 14
	LongStrategy: 1
	LgOverSold: 20
	LgOverbought: 80
	ShortStrategy: 0
	ShtOverSold: 30
	ShtOverbought: 70

Money Management

None

RSI - Relative Strength Index (14 Periods)



Overbought Area

Oversold Area

59.92

70.00
100.00
80.00
40.00
20.00

Apr Jul Oct '13 Apr Jul Oct '14 Apr Jul

BACKTESTING STRATEGY EVALUATIONS

Lock...	Portfolio Name	Report Name	Modified	Start	End	Total Return	Sharpe Ratio	K-Ratio	# Trades	Average Tr...	Avg Drawdown M	Total Return / Max Draw...	Type	▲ Curre...	Initial Capi...
<input checked="" type="checkbox"/>	RSI Exit On...	Long 30 - 70 Exit on Entry Ov/Un	4/27/2016 5:11:...	3/24/2000	3/5/2013	\$644,094.09	0.1612	0.1294	4437	\$144.51	\$10,477.25 \$	147.14 %	Standa...	USD	\$100,000.00
<input checked="" type="checkbox"/>	RSI Exit On...	Long 20 - 80 Exit on Entry Ov/Os	4/27/2016 5:52:...	3/24/2000	3/5/2013	\$760,919.78	0.1742	0.2131	597	\$952.11	\$9,834.06 \$	252.45 %	Standa...	USD	\$100,000.00
<input checked="" type="checkbox"/>	RSI Exit On...	Test for Interest Rate Returns	4/27/2016 6:12:...	3/24/2000	3/5/2013	\$0.00		0.0000	0	\$0.00	\$0.00 \$		Standa...	USD	\$100,000.00
<input checked="" type="checkbox"/>	RSI Exit On...	Long Center Line Crossover	4/27/2016 6:29:...	3/24/2000	3/5/2013	\$1,179,990.00	0.1903	0.2136	10651	\$110.71	\$16,865.59 \$	221.84 %	Standa...	USD	\$100,000.00
<input checked="" type="checkbox"/>	RSI Exit on F...	Long 30 - 70 Exit From Ov/Ob	4/27/2016 5:28:...	3/24/2000	3/5/2013	\$616,108.83	0.1556	0.1175	4435	\$137.51	\$11,086.58 \$	137.09 %	Standa...	USD	\$100,000.00
<input checked="" type="checkbox"/>	RSI Exit on F...	Long 20 - 80 Exit From Ob/Os	4/27/2016 5:40:...	3/24/2000	3/5/2013	\$754,094.94	0.1732	0.2106	597	\$940.68	\$9,847.98 \$	249.64 %	Standa...	USD	\$100,000.00

ANTICIPATING INDICATOR SIGNALS

Symbol	*RS Key Prices Buy										*RS Key Prices Sell										*RS TI Classics											
	\$ To Go	% To Go	MACD \$...	\$ To Go	% To Go	1% B...	3% B...	5% ...	Trigge...	Stoc \$ N...	\$ To Go	% To Go	MACD \$N...	\$ To Go	% To Go	1% S...	3% S...	5...^	Trigge...	Over Sold	Bull x's	Bull x'2s	Over Bo...	Bear x's	Bear x'2s	MACD%	MACD	Direct 1				
Market ETF's																																
1	SPY									\$214.56	-1.86	-0.86%	\$205.97	(\$10.45)	-4.83%			2XD	\$214.56				4 Ind.				63%	0.12	Rising			
2	DIA									\$184.16	-4.31	-2.29%											5 Ind.				75%	1.03	Rising			
3	GLD	\$1.07	0.91%	\$121.13	\$4.03	3.44%			2XD	\$121.13												4 Ind.				24%	-0.66	Falling				
4	QQQ			\$116.96	\$1.16	1.01%																				53%	-0.46	Falling				
5																																
6																																
Watch List Up																																
7	UP	Data request failed: Incorrect symbol																														
8																																
Watch List Down																																
9	DN	Data request failed: Incorrect symbol																														
10																																
11																																
12																																
13																																
My Universe of NASDAQ Based Securities																																
14	FISV									\$97.60	-2.94	-2.93%	\$96.20	(\$4.34)	-4.31%			2XD	\$97.60				3 Ind.				47%	-0.08	Rising			
15	SGMS									\$13.19	-0.36	-2.69%	\$13.14	(\$0.41)	-3.00%			2XD	2XD	\$13.19			5 Ind.				53%	0.21	Rising			
16	TTEK									\$39.06	-0.59	-1.49%	\$38.76	(\$0.89)	-2.25%			2XD	2XD	\$39.06			3 Ind.				88%	0.68	Rising			
17	AAPL																										40%	-1.37	Falling			
18	ACGL									\$78.94	-2.28	-2.81%											4 Ind.				45%	0.19	Rising			
19	ACOR																						4 Ind.				52%	-0.50	Rising			
20	ADBE																										57%	-0.31	Falling			
21	ADP									\$89.82	-1.26	-1.39%											4 Ind.				73%	0.90	Rising			
22	ADSK									\$73.59	-0.22	-0.30%											4 Ind.				73%	0.71	Rising			
23	AKAM																										83%	2.84	Falling			
24	ALKS									\$57.55	-0.96	-1.63%											4 Ind.				100%	2.61	Rising			
25	ALXN																										61%	-0.70	Falling			
26	AMAG												\$28.34	(\$0.48)	-1.66%								5 Ind.				100%	1.21	Rising			
27	AMAT																										30%	-0.06	Falling			
28	AMTD																						4 Ind.				71%	0.21	Rising			
29	ANSS			\$89.35	\$0.45	0.50%																					16%	-1.27	Rising			
30	ATVI																						5 Ind.				29%	-1.03	Falling			
31	BBBY									\$42.08	-1.82	-4.15%															55%	-0.12	Rising			
32	BEAV			\$61.11	\$2.33	3.96%																					86%	1.89	Falling			
33	BECN									\$43.85	-0.90	-2.01%											3 Ind.	2 X's	2 X's		62%	0.40	Rising			
34	BIDU	\$6.14	3.77%																				4 Ind.				42%	-3.67	Falling			
35	BIIB									\$307.41	-11.77	-3.69%															49%	2.92	Rising			
36	BRKS									\$14.92	-0.88	-0.57%															73%	0.23	Rising			
37	CAKE																										5 Ind.	100%	1.36	Rising		
38	CASY									\$115.75	-0.97	-0.83%											3 Ind.				38%	-0.71	Rising			
39	CATY																										5 Ind.	84%	0.42	Rising		
40	CBRL									\$145.20	-2.71	-1.83%															5 Ind.	63%	1.51	Rising		
41	CCO									\$38.08	-1.67	-4.20%											3 Ind.				95%	1.01	Rising			
42	CELG																										3 Ind.	2 X's	2 X's	98%	3.46	Rising
43	CHKP									\$82.51	-1.93	-2.28%															4 Ind.	100%	1.96	Rising		
44	CHRW																										5 Ind.	66%	0.68	Rising		
45	CLEN																										4 Ind.	48%	-0.05	Rising		
46	CINF																											17%	-1.07	Rising		
47	CMCSA									\$66.11	-0.35	-0.53%															5 Ind.	41%	-0.31	Rising		
48	CME																										5 Ind.	100%	1.87	Rising		
49	COST												\$145.45	(\$3.91)	-2.61%												33%	-1.36	Rising			

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PC BUYER'S GUIDE



November 21, 2015
PC Buyer's Guide 2015

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“CENTS”

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Dalai Lama XIV

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Trend Line
Breach

Whipsaw or Clear Out

Short Positons are Trapped

They need to Buy To Cover

WHIPSAWS & MANIPULATIONS

T - Daily AT&T Inc

Whipsaws & Clear-Outs



10 Signs Your Stock Maybe in Trouble

- 1) Neutral or bearish price action on Positive News
- 2) Extremely high or an increasing Implied Volatility Level
- 3) A sudden and relatively high Put / Call Ratio
- 4) Steadily increasing Short Interest (on a rising stock)
- 5) A new pattern of wide spread Insider Selling
- 6) An unexpected & disappointing first Earnings Release
- 7) A significant "surprise" reduction in a company's Dividend Yield
- 8) A negative Relative Strength divergence (major index and / or industry)
- 9) No longer attractive Fundamentals – Stretched Valuations
- 10) A Bearish technical reversal or continuation Price Pattern

IN FINAL

ANALYSIS

The Silver Rule

**ALWAYS TRADE IN A MANNER
NOT TO LOSE MONEY**

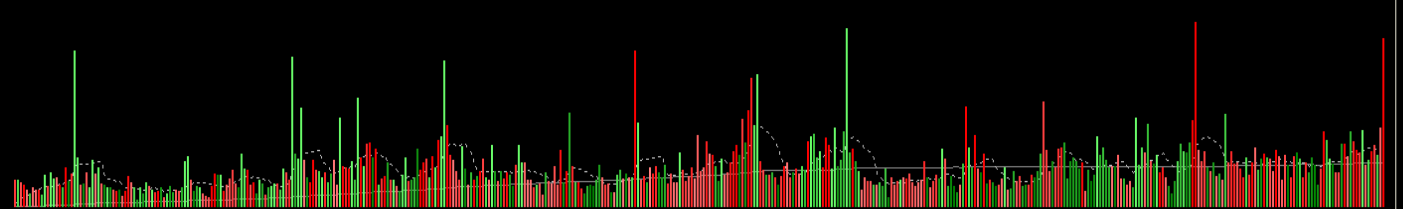


Technical Analysis is about
Insights & Probabilities
Not Guarantees



The \$64,000 Question

BYD - Daily Boyd Gaming L=44.63 0.33 0.75%



The Technical Edge



Q = Prime 2 Presentation



Symbol	Price	Change
US/EURO	0.650	
NAZ	182.492	-2.230
GT/56	0.0000	-0.0000
YEH	0.0000	-0.592
KTC	0.0000	-1.759
WIF	0.0000	-68.23
WILM	0.0000	-456.56
SY	0.0000	-8.354
SLE	0.0000	-0.098
JOB	0.0000	-2.603
BLI	0.0000	-4.695
BLI	0.0000	-35.30

Currencies	\$1 =	Change	%Change
British POUND	0.6529	+0.0001	+0.012%
Czech KORUNA	20.1790	-0.0440	-0.219%
Danish KRONE	5.8659	+0.0005	+0.009%
European EURO	0.7889	+0.0002	+0.028%
Hungarian FORINT	244.8750	-0.4190	-0.169%
Norwegian KRONE	6.0616	+0.0023	+0.038%
Polish ZLOTY	3.4800	-0.0056	-0.161%
Russian RUBLE	31.8485	-0.0007	-0.002%
Swedish KRONA	6.9936	+0.0019	+0.027%
Swiss FRANCS	0.9535	+0.0018	+0.188%

Gainers	Price	Change	%Change
AFC	172.55	▲+6.26	+3.76%
BPIRT	29.51	▲+1.05	+3.69%
GOH	42.03	-1.28	-3.14%
AITA	23.16	+0.63	+2.80%
JTAS	17.24	+0.96	+2.65%
RCA	10.19	-0.21	-2.06%
AEC	10.19	+0.14	+1.38%
XNC	10.19	+0.14	+1.38%
PEC	10.19	+0.14	+1.38%
VS	10.19	+0.14	+1.38%

Stock Sectors	3 Month % Change
Communications	-0.66%
Consumer Durables	+5.65%
Consumer Non-Durables	+2.88%
Energy Services	+6.41%
Health Technology	+2.53%
Minerals	+6.61%
Services	+5.52%
Transportation	+11.75%



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- American Association of Individuals Investors - “Classic Technical Indicators” Author
- Former Index Universe (ETF.com) Technical Analyst “*Rondeau’s Roundup*”
- TradeStation Easy Language Programmer
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For Attending !