

SG Capital Research Global Market Insights Chart System

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Executive Summary.

	Current Price	POM Triggered within CZ & Date	Announcem ent- ST Trend reversal & Risk Managemen t.	Progress Status	Existing Position / Exposure	NEW ACTION (Trigger to Watch)	Upside CZ Near Term	Upside CZ Mid term	Downside CZ Near term	Downside CZ <u>Mid term</u>	Remark
SPX- 500	2375	POM 14 Triggered @2258 On January 1st 2017	None	NEUTRAL	0%	None	3 Gap play on upside Completed @ 2350	Target 2400 Met Hit highs of 2397 (within 3 points)	Pull back to 2300-2280 & bounce up	1 st ABC down 2230- 2210 & rally	2 nd ABC down to 2200-2180 Best Risk/ Reward for new longs

- As expected in last week's Report. Our projected Target of 2400 was met at 2397 (Within 3 points). This was a secondary failure test of PEC-D.
- <u>Pre- Announcement</u>: SPY Close below 2360 this week with expanded volume (450k-500k) should trigger POM 15 (Stop loss at 2410). **Downside Target at 2300.** We plan to wait patiently for <u>Trading Net long</u> around 1st ABC down <u>CZ 2230-2210.</u>
- Pre- Announcement: We will hedge our all Equity positions. Since Jan 2017 JNJ up 12%, FB up 22% and MSFT up 5%. We have owned these Equites for past 4-5 years.

	Curren t Price	POM Triggered within CZ & Date	Follow up Announceme nt- Update For ST Trend Reversal & RM	Progress Status	Existing Position / Exposure	NEW ACTION (Trigger to Watch)	Upside CZ Near Term	Upside CZ Mid term	Downside CZ Near term	Downside CZ <u>Mid term</u>	Remark
TLT (BONDS)	118.6	POM 13 Triggered 11/20	3/13 Report Announceme nt reentry - ½ position Scale in @ 118.2 (if 116.5 tested and rejected)	BULLISH	Net Long Increased 0% to 15%	NONE	Rally to 120 Gap area	Rally to Re test 123.5 With Bullish Top	ABC down to	Lows of 117 is being tested and held	Target to PEC-D / Gap area 127

- 2nd attempt: Announcement on 3/13 to step back in, previously exited ½ position; initiated entry at 118.2
- STOP LOSS AT 116.5
- <u>1ST attempt failed : Prepositioned stopped out at 117</u> for 2 points loss (-1.6% loss)
- <u>Caution:</u> We recommend not chasing prices much away from our entry point CZ.

Market Overview SPX-BONDS

<u>Pre- Announcement</u>: SPY Closes below 2360 this week with expanded volume (450k-500k) should trigger POM 15 (Stop loss at 2410). <u>Downside Target at 2300</u>

<u>SPX:</u> As expected in last week's Report, our projected Target of 2400 <u>was met at 2397 (Within 3 points).</u> This was a secondary price failure test of PEC-D on contracting volume. This failure in price and volume of Exhaustion Climax Top has resulted in pull back on expanding volume. This is Bearish setup.

- Trim Tab reports Corporate Insider Selling and Individual Buying at its Highest since 2007
- TICK and TRIN tuned Bearish.
- Mc Oscillator Turned Bearish below 0 at -20
- Put / call ratio below 0.7 and Summation Index remained Bearish,
- Advance / Decline line crossed over bearishly.
- VIX / SPY showing negative divergence
- Open Interest keeps dropping whiles prices are rising which is distribution.

We plan to wait patiently for **Trading Net long** around 1st ABC down **CZ 2230-2210**.

TLT: Triggered POM 13 - Net long. CZ 117-118

As pre- announced in last week's Report; our prediction that TLT would reject the lows at 116.5, and rally, was proven right on the money. Our "scale- in" entry on Monday 3/13 close above 118.25 initiated our Net long Trade for previously exited ½ Net long position.

Past week's, Sign of Strength with expanding upside volume out of **CZ 117-118** rejection, in face of FOMC's higher yield and Hawkish tone should have Crashed the US Bonds. But it had exactly opposite reaction.

On weekly basis, TLT is building a cause to move higher towards the upside target of 123.5. TLT began its move higher with multiple "Signs of strength and escalated bullish. Our final target is PEC-D 127.

<u>SPY / Volume Analysis – C Z- PEC- D Daily – Short Term</u>

Refer notes inside the chart



TLT / Volume Analysis – C Z- PEC- D Daily

Refer notes inside the chart



SPX – Cyclical Model

SPX - Seasonality

Negative- Post Presidential Cycle.

• SPX - Geomagnetic / Lunar Cyclic Model

Negative

• SPX - Sentiments Model

AAII Weekly Sentiment Survey – Bullish

SPX – Internals Model

- Midterm TICK / TRIN Bearish
- AD Oscillator, Ratio's Bearish

Appendix Content

- Objectives & POM /CZ / PEC –D Guidelines Refer to detail Annexure
- POM "Price Oscillation Model "Criteria
- PEC –D "Pythagoras Expansion & Contraction Criteria
- CZ- Confluence Zone Criteria
- TEXTURES Bullish , Bearish , Neutral

Critical backdrop Notes -

- Price path Analysis is running commentary of the Market's price behavior, Not a Trade Signal.
- Intermittent CZ's are Short time out / Risk management for overweight position / rebalancing spots. Unless your own Portfolio objective demands.
- POM's are Action points. Also at times Action points is at Main CZ's when specifically announced Triggers.
- Model does not encourage Buying in between unless its false break upside or false break downside soon after POM / Main CZ Trigger and is specifically announced. Model stays with Trend POM to POM Signal.

POM criteria for Implementation on SPX

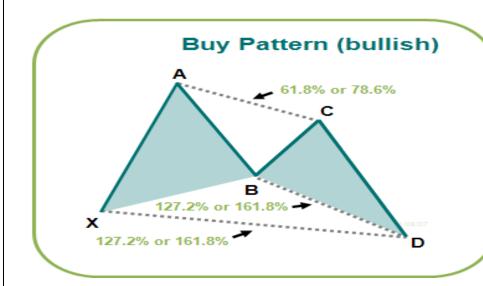
- POM is rated from 10 to 15
- POM 14, 15 (is Sell Signal) and 12, 11 (is Buy Signal) both are the Actionable Area whereas POM 13 is A Neutral Signal for Risk management
- On way <u>UP</u> move, <u>POM 13</u> signifies to <u>STOP</u> executing additional 'New Buys" that was initiated at <u>POM 12</u> or <u>POM 11</u> levels
- On way <u>DOWN</u> move, <u>POM 13</u> signifies to <u>STOP</u> executing additional "New Short Sells" that was initiated at <u>POM 14</u> or <u>POM 15</u> levels
- (Bear Markets) POM 15 is for Net Short & POM 14 is for Hedge Longs
- (Bull Markets) POM 15 is for Hedge Longs & POM 14 is for Partial Hedge
- POM 12 & 11 is for Net Long
- POM 10 is Climatic Crash low Buy Signal to add to Net long position (Rear event)

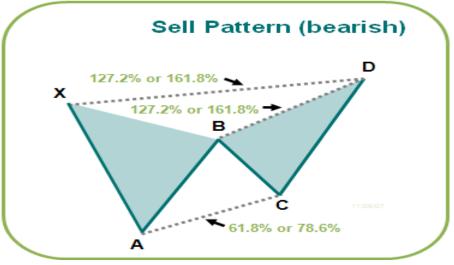
Pythagoras Expansion / Contraction – (PEC) Model

- PEC Model is a 2th Derivative Timing Tool utilized on core currencies which identifies the turning point, for Tops and Bottoms on "Short & Intermediate term" Trend in the currency market.
- Methodology is based on Mathematical Pattern Recognition with Symmetrical Pythagoras
 Triangular expansion and contraction (PEC) in concert with Price Oscillation (POM). This has a
 high probability for greater accuracy on Price projections at confluence when Integrated together.
- Once our POM analysis is complete, it will overlay PEC. The input signals are from tracking rolling Arithmetic Numerical series of Regression utilizing Fibonacci to Identify Triangular patterns of Expansion / Contraction. Triangular pattern completes at the convergence of 2 separate Fibonacci extension levels and overlay Price Oscillation Model.
- Since the Currency has 2 dimensional pairs, PEC is critical to analyze with 2x2 Fibonacci steams to achieve confluence point D coinciding with POM

PYTHAGORAS EXPANSION / CONTRACTION -(PEC) Model

The output signal of ABCD price moves preceded by a swing high or low (XA) generates projection point D, which is actionable point derived from 2 connecting triangles with convergence ratio. As with all geometric patterns, a Buy or Sell signal occurs as the pattern completes at point D





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