



SG Capital Research

Global Market Insights

Chart System

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GLOBAL INDICES REPORT (Strategy & Prop Tech)

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● Executive Summary

	Current Price	Triggered POM or CZ & date	Triggered within CZ & date	Progress Status	Current Position	Current Exposure / Holding	NEW ACTION (Trigger to Watch)	Upside CZ Near Term	Upside CZ Mid term	Downside CZ Near term	Downside CZ Mid term	Remark
FXI (CHINA) Pre announcement	36.94	Main CZ @ 33.57 On 9/26 Is intact	Secondary Re entry CZ 36.50-35.25	BULLISH Bottoming	Net Long Exited ½ @ for 24 % profit. On 1/23 (41.74) in current rally	Increase 5% to 10%	Initiate recycle exposure- Scale Within CZ 36.5-35.25	CZ 43-42, Met With Bullish Top		PEC-D 38.25 Met & exceeded	CZ 36.50-35.25	Holding ½ core position since 33.25 (9/26) for Larger ABC up
\$NIKK (JAPAN)	12,338	Main CZ @ 8500 . On 10/10	CZ 8600-8450	BULLISH SHORT TERM PULLBACK	½ Net Long Exited ½ @ for 25 % profit. On 1/11 (10900) in current rally	5%	NONE		CZ 12000 - 11800 Met & exceeded With Bullish Top	CZ 11200-11000 (Next opportunity for long	CZ 10600-10300 (floor)	Holding ½ position since 8500 (10/10) for next ABC up Especially LT weakening YEN target is from 76 to 120
EWJ COR - (JAPAN)	10.77	Main CZ @ 9.05 . on 10/10	CZ 8.95-9.15	BULLISH SHORT TERM PULLBACK	½ Net Long Exited ½ @ for 8.9% profit. On 1/11 (9.85) in current rally	5%	NONE	CZ 10-9.85 Met & exceeded With Bullish Top	CZ 10.80-10.60, Met with Bullish Top	CZ -10.2-10 (Next opportunity for long		Holding ½ position since 9.05 (10/10) for next ABC up

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\$BSE MUMBAI	18750	POM 15 In SPX COR	CZ 20050- 19650 On 1/16 <u>19850</u> mean price	CAUTION	n/a	n/a	n/a	20160 Spike up Drive 3 rd Completed	CZ 19200- 19100 Right Shoulder -2	CZ 18700 – 18400 Approaching 2 nd ABC down with force		our projected Spike high 20160 resulted in decline to 18750
EEM (EMRG)	41.96	POM 15 In SPX	CZ 44.50- 43.50 on 1/04	NEUTRAL Bearish bias	CASH	0%	NONE	CZ 44.30- 43.40 Met & failed		Follow SPX pullback	CZ 40.5- 39.5	Bullish Top Negated !! due to volume pick up on downside
EWZ (BRZL)	53.73	POM 15 In SPX	CZ 57- 55.50 on 1/04	NEUTRAL	CASH <u>Exited longs @56</u>	0%	NONE	CZ 57- 55.50 Bullish Top		Ditto	CZ 50.5- 49.5	<u>EWZ - Good candidate to be long in next pull back !</u> <u>Exited for 5.5% profit. (</u> 53 to 56. In current rally

- **SIGNALS. - Price Projection CZ , Trading / Investment Conclusion**

Global Indices

- **BULLISH INDICES -** **FXI (China) – Bottoming**
EWJ (Nikk) . (Short term pull back due)
- **BEARISH INDICES-** **BSE , HK**
- **NEUTRAL INDICES -** **EEM,EWZ**

Global Indices Overview

- **China (\$ SSEC / FXI) , Japan (Nikk / EWJ)**

We remain Net Long on **\$ SSEC, \$NIKK**. Both Indices have Bullish tops, suggests shallow retracement . We plan to add the ½ exited exposure back in these markets after the pull back for continuation move higher. Next leg up should be powerful

\$NIKK(Japan) continues to get assistance from **weaker YEN** . This should continue for few years. It is Major change in Trend. Since our triggered NIKK moved up (33%).

In our next entry in Japan , we should replace **EWJ with DXJ** which takes into account currency adjustment to get full benefit of NIKK (Refer chart below)

\$ SSEC (China)- has rallied 22% since our entry and is ready for re entry as per our Trigger announcement. .

- **HSI (Hong kong)**

HK (Hong Kong)- We called the top **at 23700** in **special Report on 1/23** on the very day , now it has declined **1600** points to **22,100**.

- **Brazil (EWZ) , Emmrg. (EEM),**

EWZ, EEM Remains **NEUTRAL** , EWZ (Brazil) formed Bullish Top . At current levels , there is no favorable Risk / Reward till we get meaningful pull back for adding Long positions. These are NOT Short Candidates

- **Mumbai (\$ BSE)**

- **Signal is Exclusively benchmarked via SPX- POM 14 & COR with PEC-D, CZ pattern completion.**

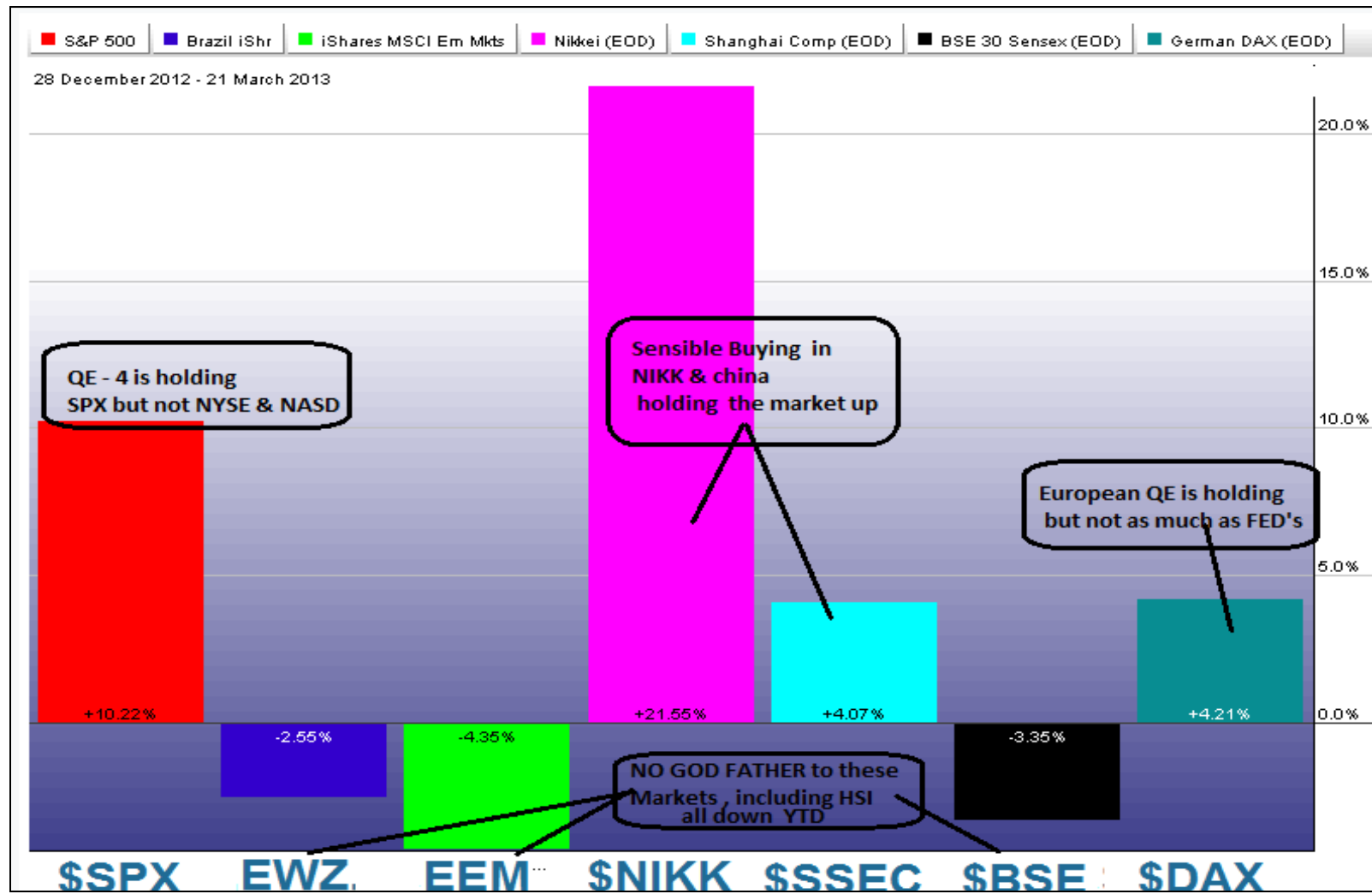
In our last Global Report 2/08 , we had indicated 1st ABC down to **CZ 19200-19100** that was completed at the time of our Annual conference. In our presentation on the very day dated 3/2 , Our expectation (also previously re – iterated on 19th Jan Report Chart) was bounce to 19500 for 2nd ABC down to **CZ 18700-18400** . BSE approached the zone Friday on 2nd ABC down . Test of **CZ 18700 -18400** is very critical for us (see important charts below)

BSE's Top came in at **SPX - POM 14 signal within CZ 20050-19750**. **Spike high Triggered at 20160 (WAVE 1-3-5) completed the Top** . SPX , COR is at 0.8 . failed via PQV within CZ

- YTD – Global Indices performance v/s SPX

Weakest and strongest Indices for PAIR TRADES – (Notes within chart below- QE- Impacting various Markets)

2013 - Strength / weakness in these market . Chart below is our Inter market Analysis Model with Ratio Relative performance v/s SPX.



§SSEC (SHANGHAI) / Poly Trend & Ratio Analysis - *Bullish – Bottoming*

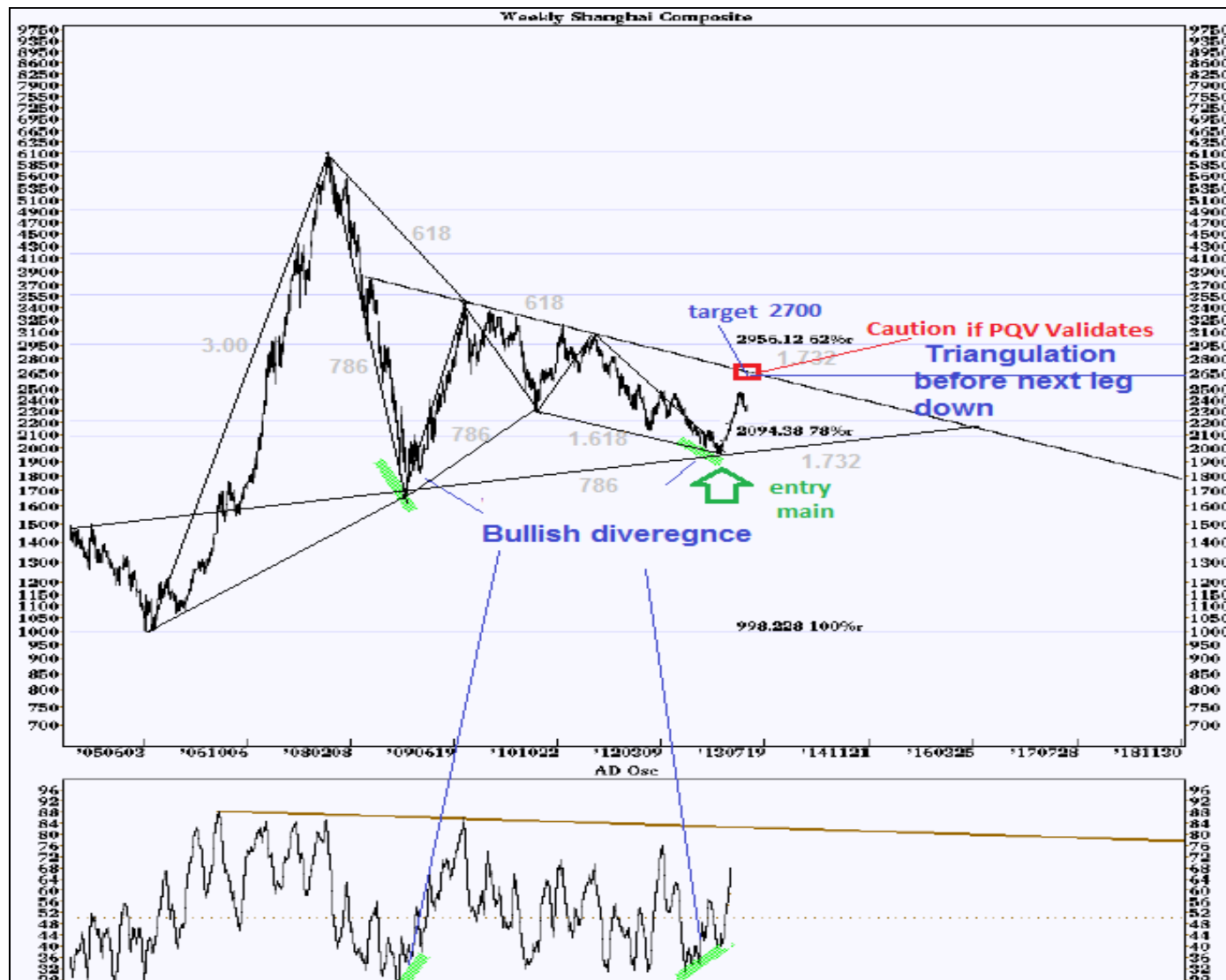
DOWNSIDE – CZ 2275-2200, - met , Scale in within CZ “**Trigger entry**” – Ready for next leg up.

UPSIDE – CZ 2400-2350, - met exact with - Bullish top , (Exited ½ , Holding ½) – Refer note within the chart



\$SSEC (SHANGHAI) / PEC-D / Ratio Analysis. – Bigger picture

2nd - Upside - *Target 2700 -Larger PEC-D pattern validation is intact .*

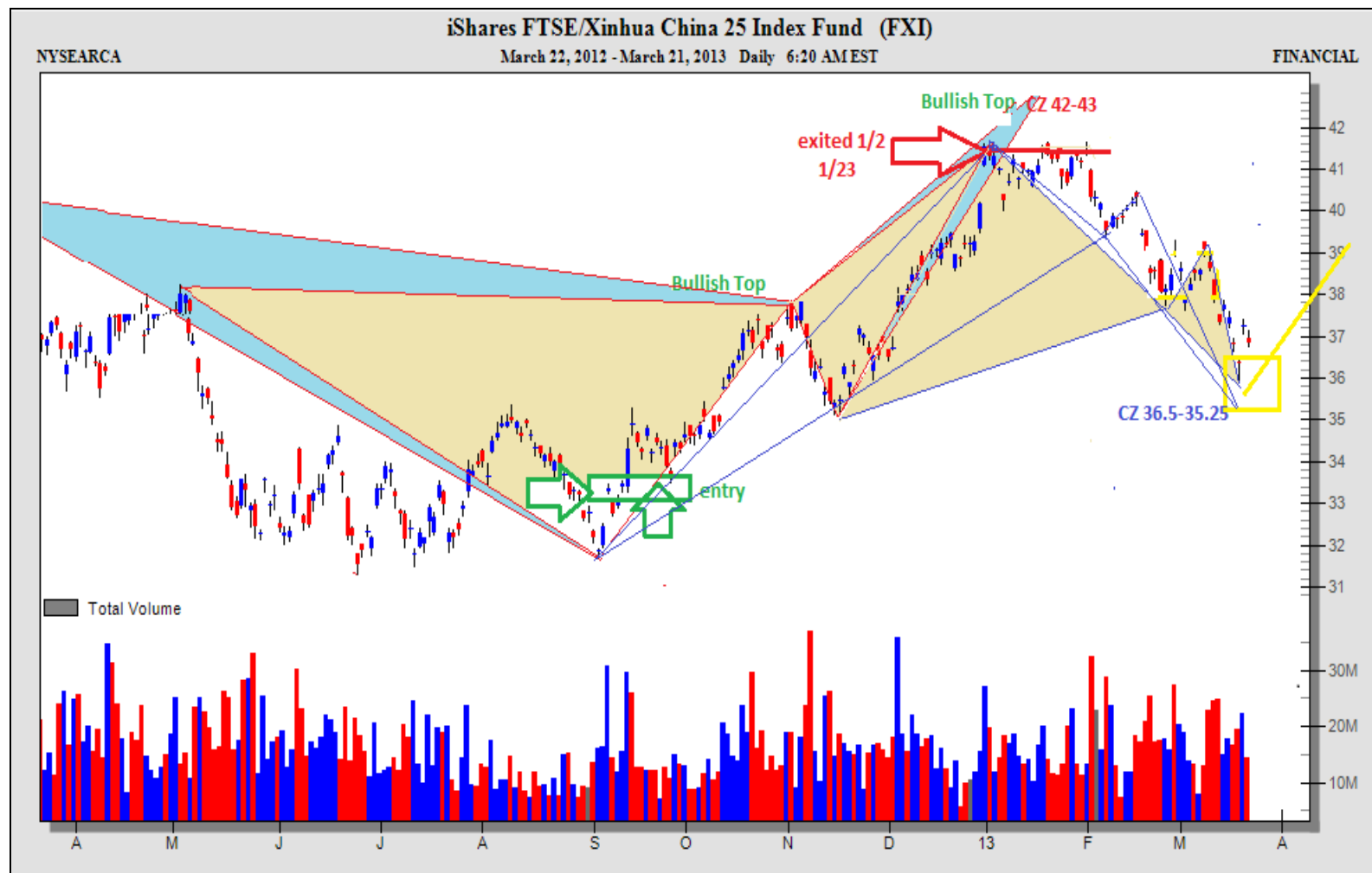


FXI – (SHANGHAI) / PEC-D / Ratio Analysis. – *Bullish – Bottoming*

- Texture - *BULLISH TOP & BULLISH BOTTOM*

DOWNSIDE - CZ 36.50-35.25, Scale in within CZ “Trigger entry” – Ready for next leg up.

UPSIDE – CZ 42-43, - almost met - with Bullish top , (Exited ½ , Holding ½)



\$HSI (HONG KONG) / PEC-D / Ratio Analysis. – (Special situation - FYI)

Indicated in last Special Report 1/23 , HK finished Mid term – PEC-D Patterns under several time frames.

We called the top at 23700 , now it has declined 1600 points to 22,100.

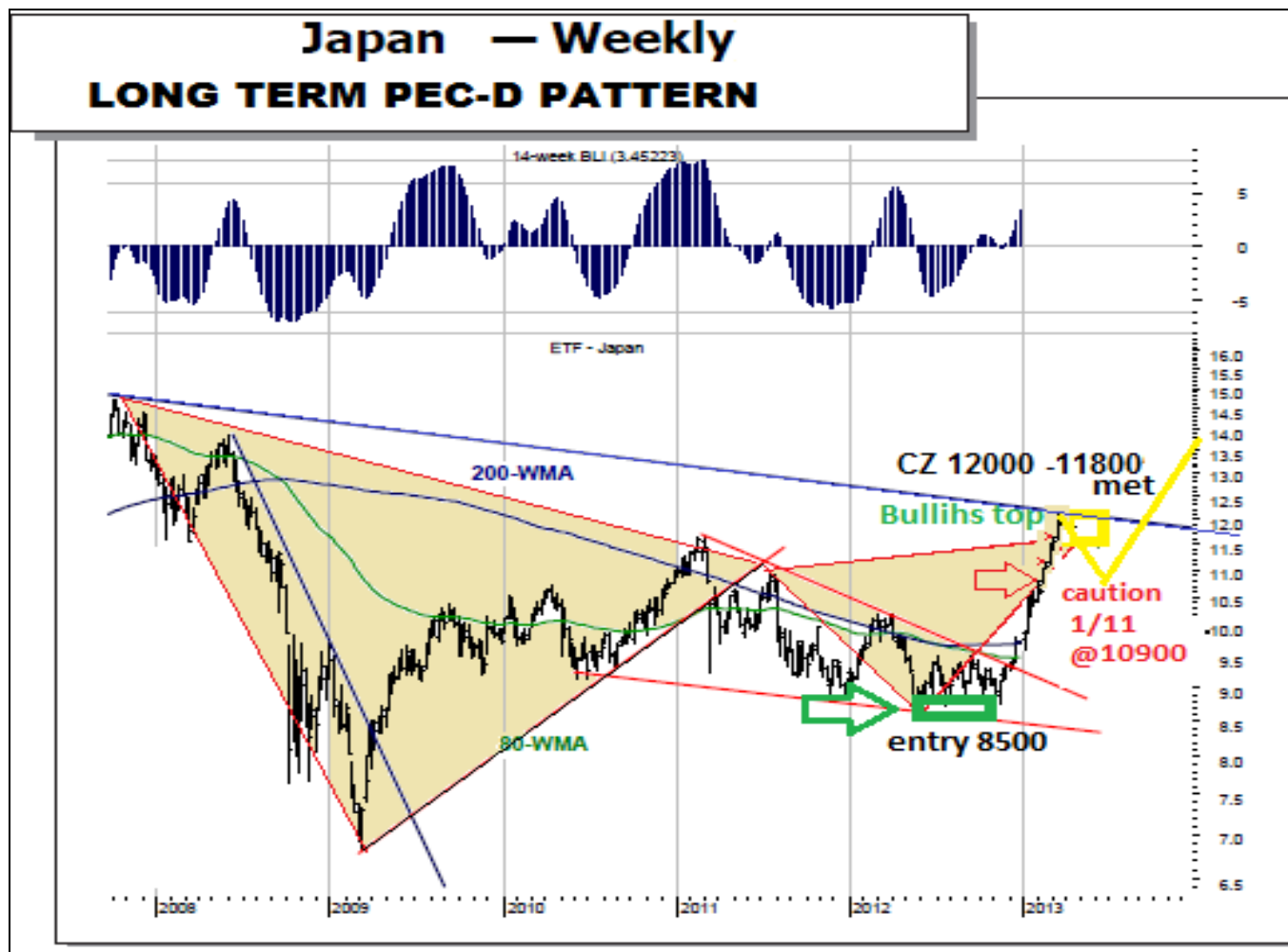


NIKKE (JAPAN)– CZ / PEC-D / Ratio Analysis – **Bullish – ST Pull back**

- -Texture - **BULLISH TOP & BULLISH BOTTOM**

Upside - *Target CZ 12000-11800 – Met (Larger PEC-D pattern validation) with Bullish Top. remain long (exited ½ & Holding 1/2)*

Downside – *CZ 11200-11000 Pull back target and then next rally up. -*

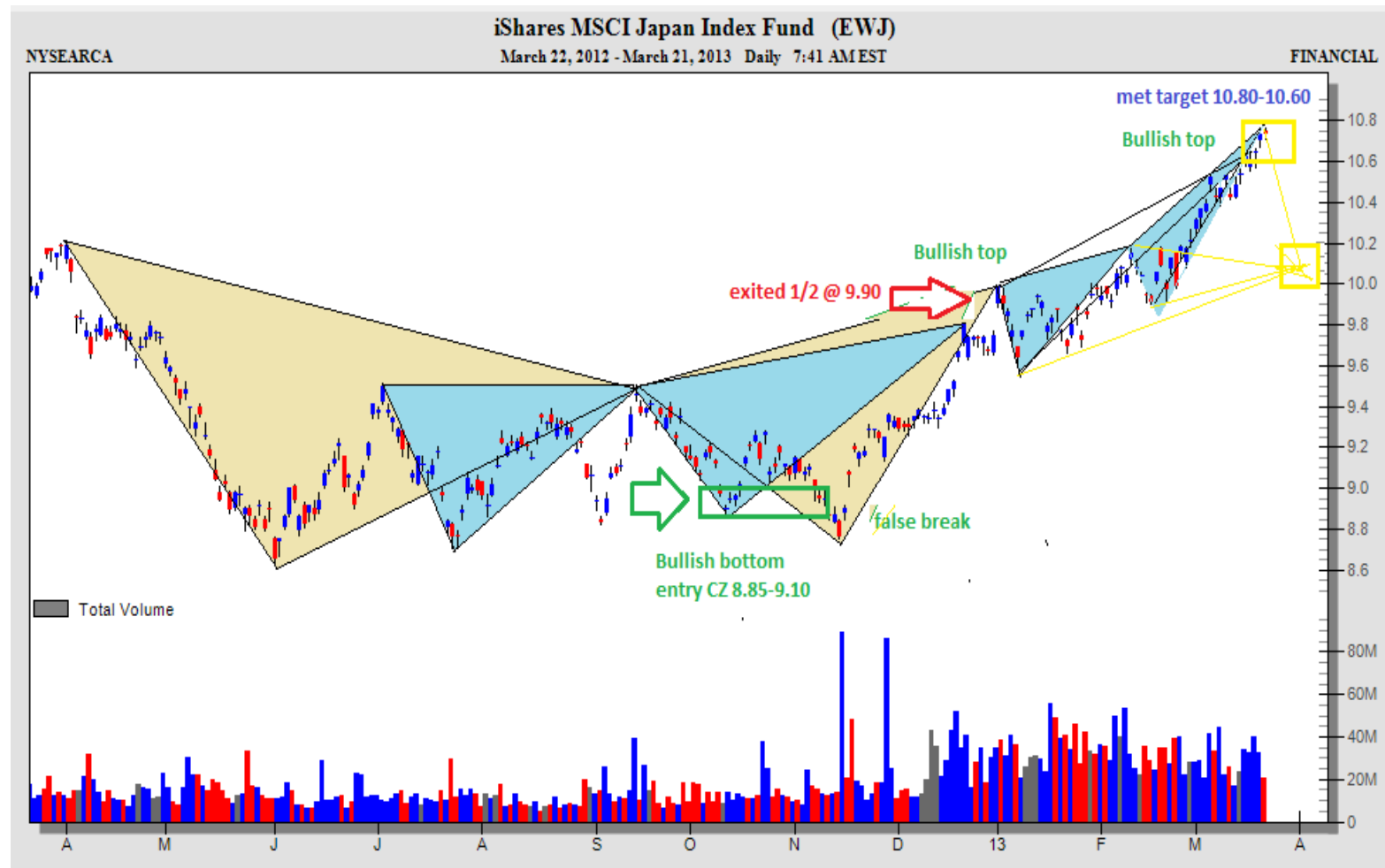


EWJ (JAPAN)– CZ / PEC-D / Ratio Analysis – **Bullish - ST Pull back**

- **-Texture - BULLISH TOP & BULLISH BOTTOM**

UPSIDE – CZ 10.80-10.60 - met exact with Bullish top, remain long (exited ½ & Holding 1/2)

DOWNSIDE - CZ 10.2-10.0, Pull back target and then next rally up

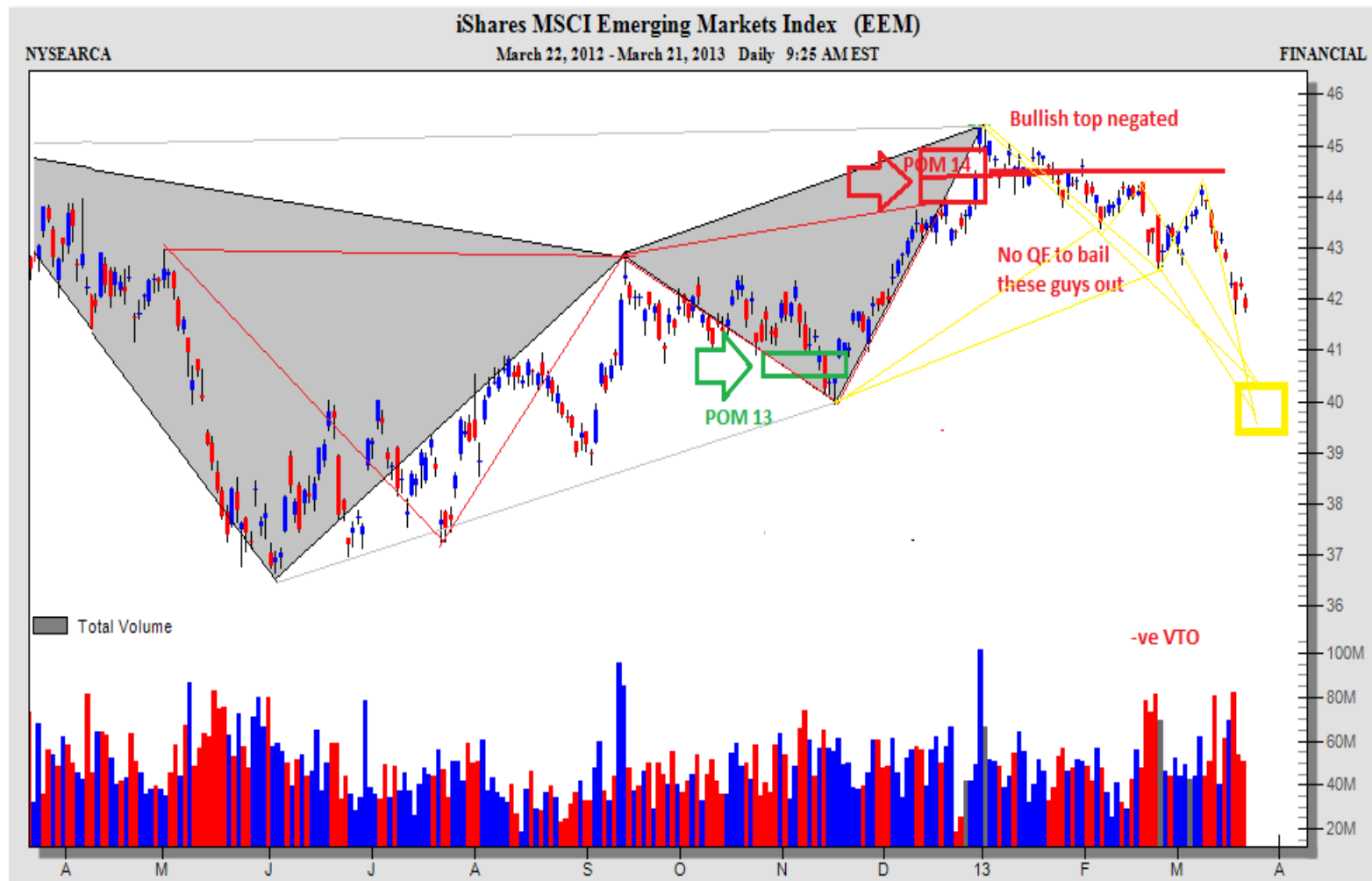


EEM (EMMEG) – CZ / PEC-D / Ratio Analysis – *Neutral*

- Texture – *BULLISH TOP* (*NEGATED*) & *BEARISH BOTTOM*

UPSIDE – CZ 44.40-43.30 – Met exact / with Bullish Top (negated)

DOWNSIDE – CZ 40.5-39.5 & Follow SPX



EWZ (BRAZIL) - CZ / PEC-D / Ratio Analysis - *Neutral – Bullish bias*

- Texture – *BULLISH TOP* & *NEUTRAL BOTTOM*

UPSIDE – CZ 57-55.50 – *Met exact* with Bullish Top . We wait to the texture of pull back

DOWNSIDE – CZ 40.5-39.5 & *Follow SPX*

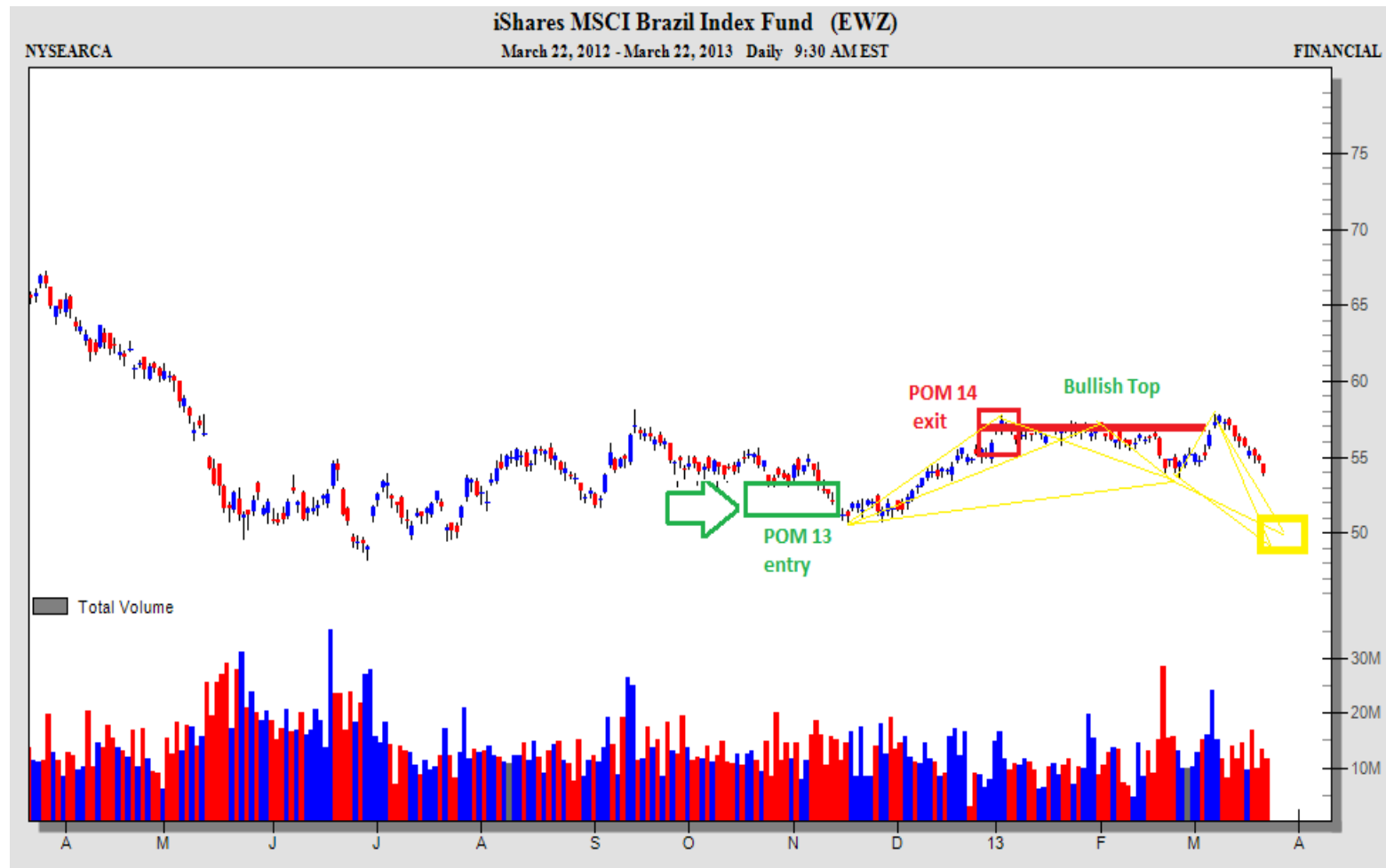


CHART 1- BSE (Mumbai) v/s SPX – ROC - Corr - MID TERM - **Caution**

- Texture – **BEARISH TOP** & **NEUTRAL BOTTOM**

Top Announced 1/16 - WAVE 1-3-5 Spike up @ met exact at 20160 at the Top of CZ CZ 20050-19750 (SPX – POM 14 @ 19800) , internal weakness with **Bearish Top** , Be **CAUTIOUS**. COR @ 0.8 levels.



CHART 2- BSE (Mumbai) – (From Archive)

Chart below was presented in Annual conference 3/2 (also previously re – iterated on 19th Jan Report Chart)

Price path chart indicated - was from 18900 bounce to 19600 to set up 2nd ABC down to CZ 18700-18400 . BSE is approaching the zone Friday 3/22.

BSE (Mumbai) v/s SPX – ROC - Corr – **Caution**



CHART 3- BSE (Mumbai) v/s SPX – ROC - Corr – NEAR TERM - **Caution**

- Texture – **BEARISH TOP** & **NEUTRAL BOTTOM**

2ND ABC down is under completion, till such time (by PQV method) “No meaningful Risk / Reward”. Without Proper test of CZ, BSE Bounce can form RS-2 (2nd Right Shoulder of double H & S Top”) at CZ 19200-19100 (Notes within chart)
We rather see 2nd ABC down to be completed “NOW “ without the bounce with successful penetration test in CZ 18700-18400 (for sustainable move higher or for change in +ve Volume texture) .



Note – This Analysis in BSE is **“STRICTLY”** with respect to SPX & POM . pinpoints the Tops and bottom. NOTE - POM 's of SPX are better actionable points. All other points CZ (noted) are moves within the move for Risk Management. Actionable point by this methodology is at SPX @ POM 14

EEM (EMERG) - NEUTRAL -

EEM- Triggered **POM 14, CAUTION** within **CZ 44.50-43.50**, on 12/26, & 1/04 , This signal completed **POM 13** on 10/15, **NET LONG** within **CZ 41.5-40**, We advice to Rebalance and maintain Underweight .

within **CZ 81.5-79** All subsequent commentary refers to CZ to CZ moves are for Risk Management.

EWZ (BRAZIL) - NEUTRAL -

EWZ- Triggered **POM 14, CAUTION** within **CZ 57-55.50**, on 12/26, & 1/04 , This signal completed **POM 13** on 10/15, **NET LONG** within **CZ 53.5-51.5**, We advice to Rebalance and maintain Underweight

All subsequent commentary refers to CZ to CZ moves are for Risk Management.

FXI – (\$ SSEC SHANGHAI) – BULLISH

FXI – Remains Triggered Bullish CZ on 9/19 & 9/26 (Pre- announced 9/11), **Net Long** within **CZ 33.25-33.90**

All Subsequent commentary refers to CZ to CZ moves are for Risk Management / rebalancing positions

EWJ (NIKKE JAPAN) – BULLISH

EWJ – Remains Triggered Bullish CZ on 10/10 (Pre- announced 9/25) , **Net Long** within **CZ 8.95-9.15**

All Subsequent commentary refers to CZ to CZ moves are for Risk Management / rebalancing positions

FTSE (LONDON) - CAUTION

FTSE Triggered **POM 14, CAUTION** within **CZ 6100-5950**, on 12/26, & 1/04 , This signal completed **POM 13 @ 5300** on 5/21 **Net Long** within **CZ 5300-5400**. We advice to Rebalance and maintain Underweight .

subsequent. commentary refers to CZ to CZ moves are for Risk Management / rebalancing overweight positions

Appendix Content

- Objectives & POM /CZ / PEC –D Guidelines – Refer to detail Annexure
- Full Utilization of “ SP” Report Guidelines & Limitations - Refer to detail Annexure
- POM – “ Price Oscillation Model “ Criteria
- PEC –D “ Pythagoras – Expansion & Contraction Criteria
- CZ- Confluence Zone Criteria
- TEXTURES – Bullish , Bearish , Neutral
- Chart Analysis
 - *Trend & Oscillator Analysis,*
 - *PEC –D Analysis,*
 - *Poly- Trend Analysis,*
 - *Pattern / CZ – Price & Volume Analysis.*
 - *Externe Indicator Analysis*

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 UP move, POM 13 signifies to STOP executing additional 'New Buys' that was initiated at POM 12 or POM 11 levels
- On way DOWN move, POM 13 signifies to STOP executing additional " New Short Sells" that was initiated at POM 14 or POM 15 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)

- **TEXTURES – Bullish , Bearish , Neutral**

In charts above we have price path of DX's noted as they are reaching its individual CZ / PEC-D Price Projections in this rally. We have identified IDX's ' with Bullish Tops . These have participated very strongly whereas the IDX with Bearish Tops & Bearish Bottoms are moving higher with –ve divergences. .

At POM 14, Bearish Top IDXs should be viewed with caution for weakness & suitable of Hedging to scale in within its own Individual CZ . These IDX 's should on reduced in position at its CZ area / PEC- D patterns. The pull back in such cases tends to be deeper in correction

The Bullish Top IDX should be continued to Hold Long position from POM 13 – Net long till POM 15 is Triggered and should be accumulated on any pull backs. These are NOT candidates for Short Sell. .

The Neutral Top IDX's are in CONSOLIDATION , with Force equally balanced. Upon building cause it should be resolved in direction of “ New pick up in force in one direction” to decide the Trajectory of Path.

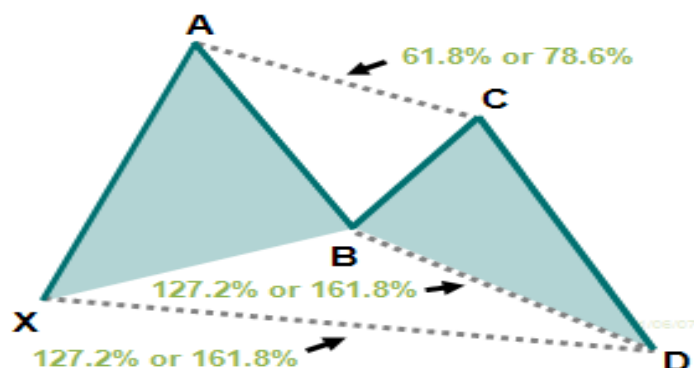
Pythagoras Expansion / Contraction – (PEC) Model

- **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 streams to achieve confluence point D coinciding with POM**

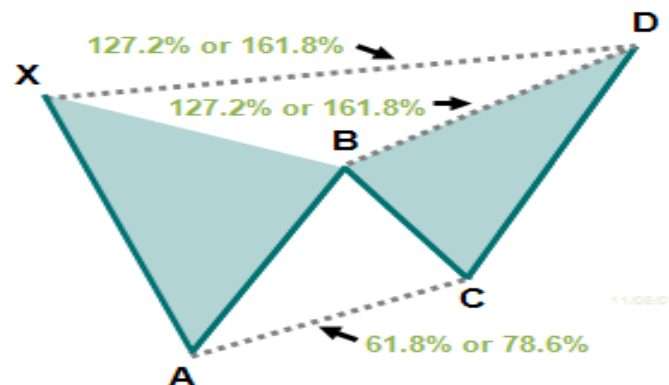
PYTHAGORAS EXPANSION / CONTRACTION –(PEC) Model

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

Buy Pattern (bullish)



Sell Pattern (bearish)



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