# Research Note - " CURRENCY" ANALYSIS - Special Commentary MASG SP UPDATE 2010 \# AUG 11 

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We are going to initiate our coverage for Currency market each Mid week with one of our applied combination of PEC \& POM Analysis . Our Timing Tools on core currencies which identifies the turning point for Tops and Bottoms.

## CURRENCY Analysis - Process Summary by

## "PYTHAGORAS EXPANSION / CONTRACTION" (PEC) \& PRICE OSCILLATION MODEL (POM)

PEC is a Timing Tool 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 in concert with Price Oscillation. This has a high probability for greater accuracy on Price projections.

Once our POM analysis is complete we 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 $2 \times 2$ Fibonacci steams to achieve confluence point D .

## TEC implementation criteria

The output signal of $A B C D$ 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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## Bullish Pattern (Buy at point D)

- Swing down from A-to-D is $127.2 \%$ or $161.8 \%$ extension of XA , D must be below $X$
- Valid ABCD must be observed in extension move (AD)
- Additional confirmation attained when time and price are in proportion, Time of XAB and BCD triangles ideally "equal," but BCD may fall within 61.8\%-161.8\%
- Move beyond $161.8 \%$ negates the pattern, May indicate strong continuation move in progress



## Bearish Pattern (Sell at point D)

- Swing up from A-to-D is $127.2 \%$ or $161.8 \%$ extension of XA, D must be above $X$.
- Valid ABCD must be observed in extension move (AD).
- Additional confirmation attained when time and price are in proportion. Time of XAB and BCD triangles ideally "equal," but BCD may fall within 61.8\%-161.8\%.
- Move beyond $161.8 \%$ negates the pattern. May indicate strong continuation move.


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