Market Outlook:
Applying Technical Analysis

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MAR // 04// 2016
Gregg joined in Bloomberg in 2000 as TA Application Specialist where he aptly leveraged his previous 20 years of trading & analytical experience to benefit Bloomberg clients. Beginning his career in 1980, he has worked on the Bullion, FX, Futures, Equities Desk and on SIMEX Floor as trader, dealer and lead a fundamental / technical research team. He has consistently used Technical Analysis throughout his career. Gregg travels extensively throughout the Asia-Pacific Region providing education on Technical Analysis to Bloomberg clients. Gregg is also a certified trainer for ACI Singapore and conduct TA session at Nanyang Technological University and NUS Business School.
### TECH<GO>

#### 1) Create Study

<table>
<thead>
<tr>
<th>Tags</th>
<th>All standard studies (93)</th>
<th>Run</th>
<th>Acc/Dist Oscillator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Popular (14)</td>
<td>Accumulation</td>
<td>GPC ACCUM</td>
<td></td>
</tr>
<tr>
<td>New (14)</td>
<td>Advance/Decline Line</td>
<td>GPC ADL</td>
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</tr>
<tr>
<td>Bloomberg (10)</td>
<td>Areon Oscillator</td>
<td>GPC AROON</td>
<td></td>
</tr>
<tr>
<td>Momentum/Oscillators (33)</td>
<td>Asymmetrical Vol Bands</td>
<td>GPC ASVB</td>
<td></td>
</tr>
<tr>
<td>Moving Aver/Bands (34)</td>
<td>ATC CPTS</td>
<td>GPC ATT5</td>
<td></td>
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<tr>
<td>Patterns (8)</td>
<td>ATC Distribution</td>
<td>GPC ATDIS</td>
<td></td>
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<tr>
<td>Statistical (20)</td>
<td>ATC Pendulum</td>
<td>GPC ATPEN</td>
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<tr>
<td>Support Resistance (15)</td>
<td>ATC Pendulum S</td>
<td>GPC ATPS</td>
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<tr>
<td>Trend Analysis (17)</td>
<td>ATC Rise Fall</td>
<td>GPC ATRF</td>
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<tr>
<td>3rd Party Studies (169)</td>
<td>ATC Sin</td>
<td>GPC ATSU</td>
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<tr>
<td>User Defined</td>
<td>ATC Target</td>
<td>GPC ATTG</td>
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<td>ATC Top-Bottom</td>
<td>GPC ATTB</td>
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<tr>
<td></td>
<td>ATM 3 Sigma</td>
<td>GPC AS3SM</td>
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<td>ATM Add On Alert</td>
<td>GPC AS10A</td>
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<td>ATM Divergence Alert</td>
<td>GPC ASDA</td>
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<td>ATM Elliott Wave</td>
<td>GPC ASEW</td>
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<td>ATM Exhaustion Alert</td>
<td>GPC ASE3A</td>
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<td>ATM First Alert</td>
<td>GPC ASF4A</td>
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<td>ATM Heat Bars</td>
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<td>ATM Major Wave Osc.</td>
<td>GPC ASMWO</td>
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<td>ATM Pullback Alert</td>
<td>GPC ASPA</td>
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<tr>
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<td>ATM Target</td>
<td>GPC ASTGT</td>
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</tbody>
</table>

The Accumulation/Distribution Oscillator (ADO) is a study that measures the buying or selling pressures on an instrument, based solely on the relationships of the open, high, low and close values.

Also listed in Momentum/Oscillators...

| Historical                      | GPC ADO |
| Intraday                        | GPC ADO |
| 4)                              | IGPC ADO |

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STDY <GO> Custom Studies

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- **Parameters**
  - Parameter Name: <add new parameter>
    - Type: Integer
    - Default: 0
    - Min: 0
    - Max: 0
    - Display Name: <parameter display name>
  - per1
    - Type: Integer
    - Default: 3
    - Min: 0
    - Max: 0
    - Display Name: per1
  - per2
    - Type: Integer
    - Default: 5
    - Min: 0
    - Max: 0
    - Display Name: per2
  - per3
    - Type: Integer
    - Default: 8
    - Min: 0
    - Max: 0
    - Display Name: per3
  - OBlvl
    - Type: Integer
    - Default: 75
    - Min: 0
    - Max: 0
    - Display Name: OBlvl

- **Expression**
  
  RS1 = (RSI(C,per1))*w1;
  RS2 = (RSI(C,per2))*w2;
  RS3 = (RSI(C,per3))*w3;
  RSIComposite = (RSI1 + RSI2 + RSI3) / (w1+w2+w3);
  mid = 50;
  OB = OBlvl;
  OS = OSlvl;

- **Output Lines**
  - Line Name: <add new line>
    - Variable: <variable from expression>
    - Visible: Parent Panel
    - Color: Yellow
    - Width: 1
    - Style: Solid Line
  - Line Name: RSIComposite
    - Variable: RSIComposite
    - Visible: Study Panel 1
    - Color: Green
    - Width: 2
    - Style: Solid Line
  - Line Name: mid
    - Variable: mid
    - Visible: Study Panel 1
    - Color: Yellow
    - Width: 2
    - Style: Dashed Line
  - Line Name: OB
    - Variable: OB
    - Visible: Study Panel 1
    - Color: Yellow
    - Width: 2
    - Style: Dashed Line
  - Line Name: OS
    - Variable: OS
    - Visible: Study Panel 1
    - Color: Red
    - Width: 2
    - Style: Dashed Line
We will explore the use of various technical tools that enable traders, analysts, sales etc. to provide an insight to the FX market. These tools include trend detection and support/resistance and target projection level.
TECH<GO>

2) CS.Lite

CS.Lite Studies are developed using Bloomberg’s proprietary CS.Lite scripting language.

3) CS.NET

CS.NET Studies are developed using the Custom Studies SDK in Microsoft Visual Studio using C# or VB.NET.
Applying Technical Analysis on DXY

We will explore the use of various technical tools that enable traders, analysts, sales etc.. to provide an insight to the FX market. These tools include trend detection and support / resistance and target projection level.
Trender - explain

DXY CURNCY - mthly

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Trender on DXY mthly

DXY CURNCY - mthly

Use CLOSE disabled

Trender on Heikin-Aishi

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Projections

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Projections

DXY CURRENCY - mthly

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ACI Philippines: Applying Technical Analysis
Historical Identical Moves

DXY CURRENCY - mthly

Monthly 12/31/2014 - 12/26/2016
DXY Currency - Last Price on 2/26/16 98.148

Monthly 12/31/2014 - 12/26/2016
DXY Currency 02/28/1999-07/28/2002 106.610

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Historical Identical Moves

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Trender on PHP mthly

Trender on Heikin-Aishi

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Projection on PHP mthly

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Fibonacci on PHP mthly

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Enablement is needed for access to the enhanced version of Fisher Transform. Do email me greggtan@bloomberg.net for the enablement which is free of charge.
MKTP<GO> on DXY weekly - joined

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Historical Identical Moves - PHP

Monthly 12/31/2014 - 12/24/2016

- PHP Currency - Last Price on 3/2/16 47.210

Monthly 12/31/2014 - 12/24/2016

- PHP Currency 06/30/2002 - 01/24/2005 55.450
Historical Identical Moves - PHP

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Applying Technical Analysis on WTI Crude

We will explore the use of various technical tools that enable traders, analysts, sales etc.. to provide an insight to the FX market. These tools include trend detection and support / resistance and target projection level.
Fibonacci on WTI Crude mthly

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Projection on WTI Crude mthly
MKTP<GO> on WTI Crude daily

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Historical Identical Moves - WTI Crude
Historical Identical Moves - WTI Crude

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HIM on MSCI World mthly

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HIM on SHCOMP mthly

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HIM on Straits Times Index - mthly

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HIM on GBPUSD spot mthly
HIM on USDJPY spot mthly

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HIM on EURUSD spot mthly

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