

January 19, 2017 – HGSI Software Upgrade Notes **HGSI V8 Build 29471 (replaces build 29019)**

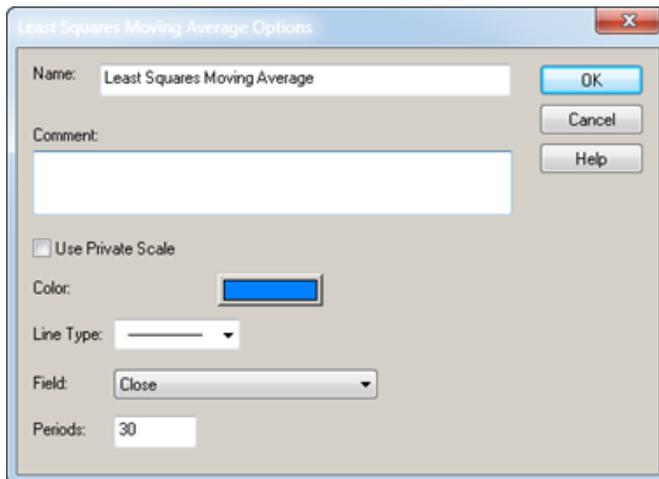
CHARTING - VIEWS / FILTERS / FEATURES

New Chart Indicators:

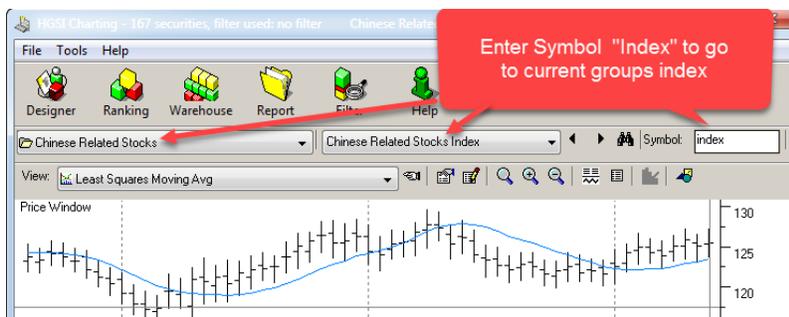
Moving Averages

Least Squares Moving Average (LSQMA)

Moving average based on sum of least squares method over period. Sometimes called an End Point Moving Average (EPMA), this indicator is based on a linear regression. Least Squares Moving Average is used mainly as a crossover signal with another moving average or with itself.



In the chart window, typing INDEX into the quick find symbol box will go to the current group's index if it exists/isn't filtered.



New charting keyboard shortcut: "Quick Add To Group" ALT-G or Alt-g

Add the stock to are viewing to the last quick add to group you selected. If the quick add to group hasn't been used during this session it brings up the menu to pick the group.

WAREHOUSE- VIEWS / FILTERS / FEATURES

New Warehouse/Filter Fields:

Chart Patterns

Days Since Crossover

- Days Since 150DMA CO
- Days Since 3DEMA Crossed 6DEMA
- Days Since 18DEMA Crossed 50DEMA
- Days Since 50DEMA Crossed 100DEMA
- Days Since 100DEMA Crossed 200DEMA

Days Dn Since Crossover

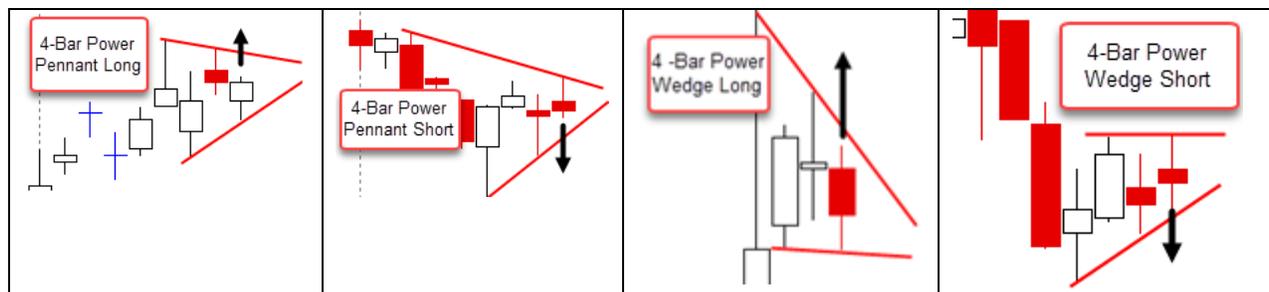
- Days Dn Since 150DMA CO
- Days Dn Since 3DEMA Crossed 6DEMA
- Days Dn Since 18DEMA Crossed 50DEMA
- Days Dn Since 50DEMA Crossed 100DEMA
- Days Dn Since 100DEMA Crossed 200DEMA

Consolidation Patterns

- 4-Bar Power Pennant Long
- 4-Bar Power Pennant Short
- 4-Bar Power Wedge Long
- 4-Bar Power Wedge Short
- 5-Bar Pennant Pattern Long A
- 5-Bar Pennant Pattern Long B
- 5-Bar Pennant Pattern Long C
- 5-Bar Pennant Pattern Long D
- 6-Bar Pennant Pattern Long A
- 6-Bar Pennant Pattern Long B
- 6-Bar Pennant Pattern Long C
- 6-Bar Pennant Pattern Long D
- 6-Bar Pennant Pattern Long E

The consolidation patterns are set ups which could possibly turn into trades, but the trades are not executed until the pennant or wedges are broken. Consolidation patterns are an indication that a stock, ETF, major market index, or even an industry group is pausing as buyers and sellers fight to gain control.

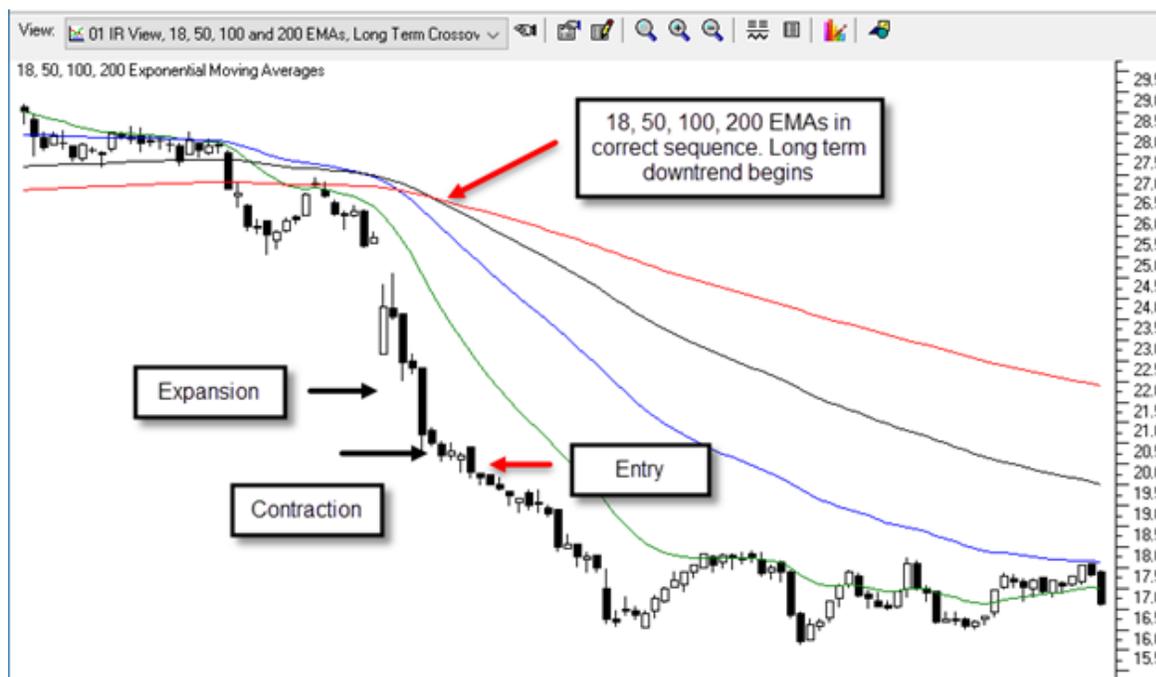
Both pennant and wedges are available on the long and short sides, but the mathematical formulas primarily focus on the long side trades. The Power Pennant and Power Wedge scans require a 4 Bar mathematical formula, in the 5 and 6 Bar Pennant Patterns are a variation of the 4 Bar Pennant Pattern.



Trending Patterns

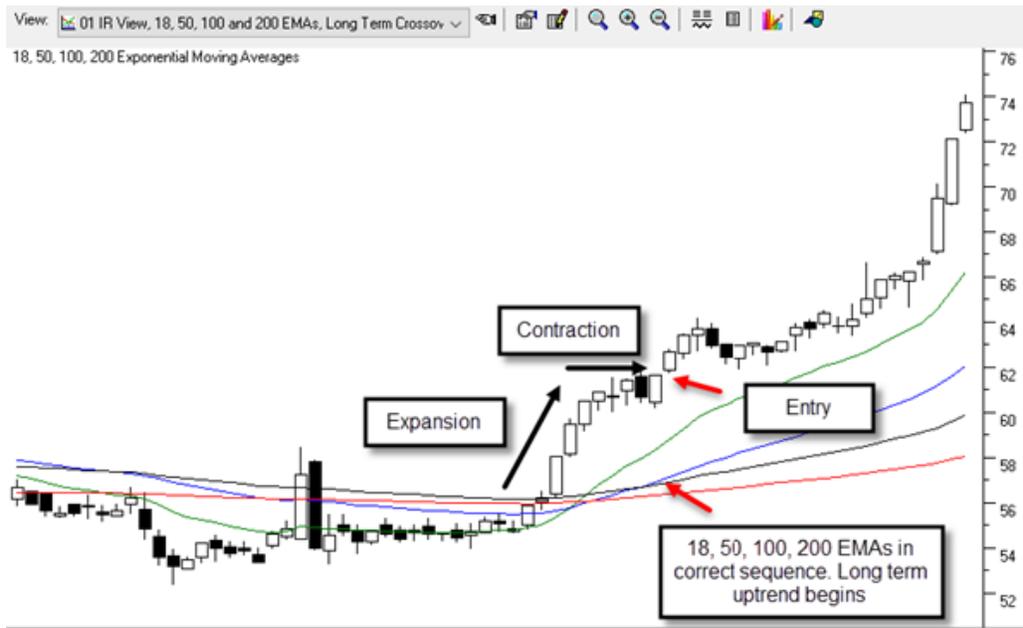
EMA Fan Down-Trend

$C18 < C50$ And $C50 < 100$ And $C100 < C200$



EMA Fan Up-Trend

C18 > C50 And C50 > C100 And C100 > C200



Technicals

% Close

% CI/30 WMA (weekly moving average)

% CI/150 DMA

Moving Averages

30 WMA (weekly moving average)

150 DMA

Volume

Dollar Volume 1-Dy

Dollar Volume 1-Dy Flow

MISCELLANEOUS

Added Zacks.com to the **More Info From Web** menu

END OF UPDATES FOR BUILD 29471

July, 11, 2016 – HGSI Software Upgrade Notes HGSI V8 Build 29019 (replaces build 29014)

This is a maintenance release to fix a filtering crash bug experienced in HGSI build 29014 by some users. There are no changes to the HGSI feature set.

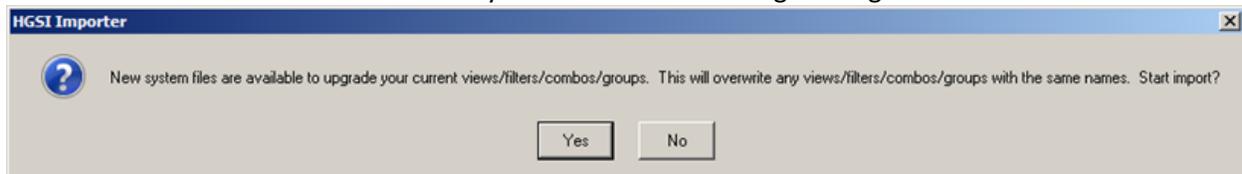
END OF UPDATES FOR BUILD 29019

June, 25, 2016 – HGSI Software Upgrade Notes HGSI V8 Build 29014 (replaces build 28637)

ADD-ONS

NEW: Ron Brown Investing – update 06-15-2016 will be automatically installed as part of the HGSI software update release. There is no need to download from the Add-On webpage

After the new HGSI Software is installed you will see the following message.



Click yes to allow the changes to be made to the Add-ons shown in the ADD-ONS section of the HGSI WhatIsNewV8 document.

Click no if you need time to rename or move a copy of them to your User folders. HGSI will remind you of the update each time you close and restart HGSI.

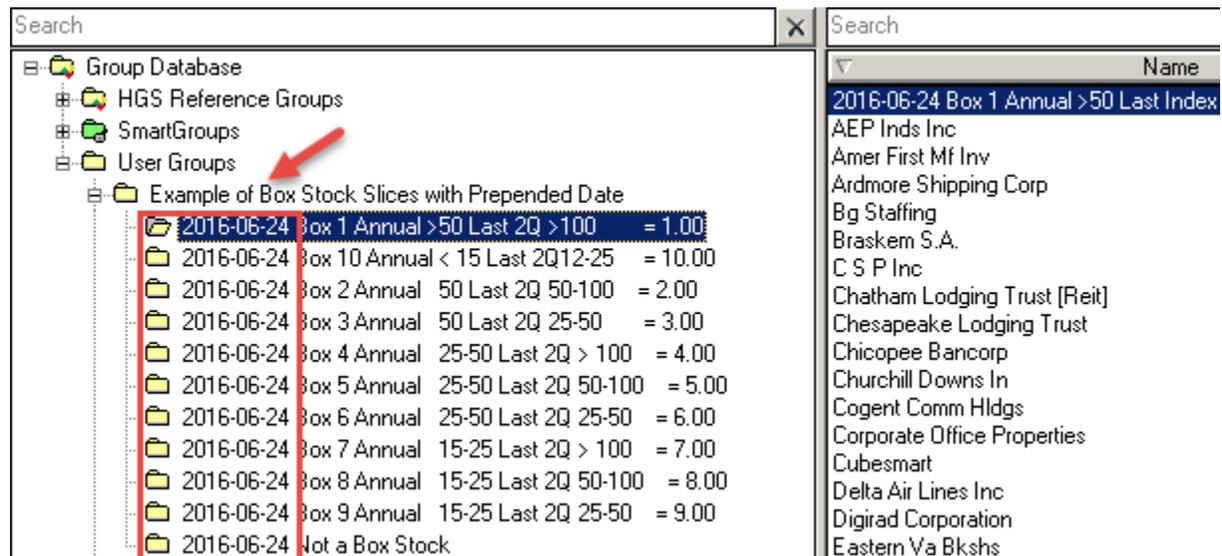
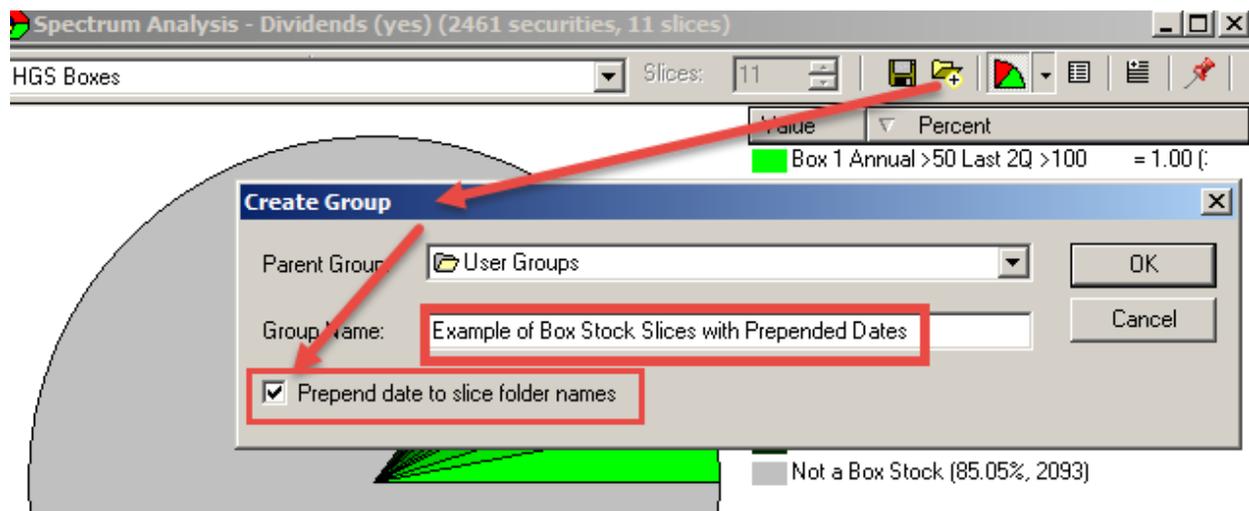
CHARTING FEATURES

FIXED: If a Chart View had the View Option set for Extra Periods to be added to the right hand side of the chart and the Chart Mode was set to Weekly, Monthly, Quarterly or Yearly any annotations, such as a trend line, that started or ended in the Extra Periods area would disappear when the Chart Mode was changed to display a more detailed chart line e.g. changing from Weekly to Daily.

WAREHOUSE FEATURES

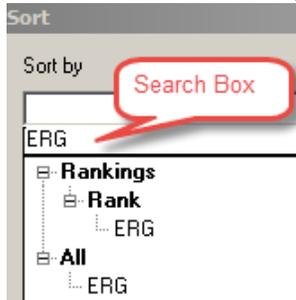
IMPROVED: A check box has been added to the Make Group feature in the Warehouse Spectrum Analyzer that will add the date of the last Data Update to the front of the slice in the format YYYY-MM-DD. This checkbox option setting is remembered.

NOTE: This date is not the calendar date when the group was created, e.g. the group is created on a Saturday or Sunday but the date is from Friday or the date of the last Data Update.

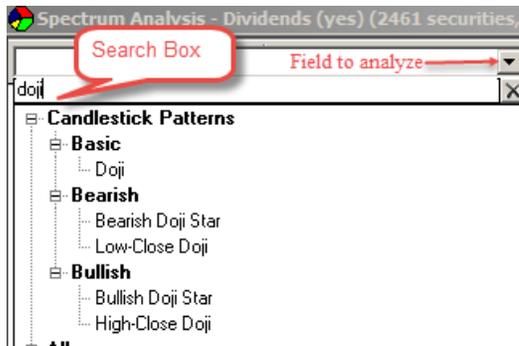


NEW: Search boxes have been added to the Warehouse Sort, Combo and Spectrum Analyzer dialogs:

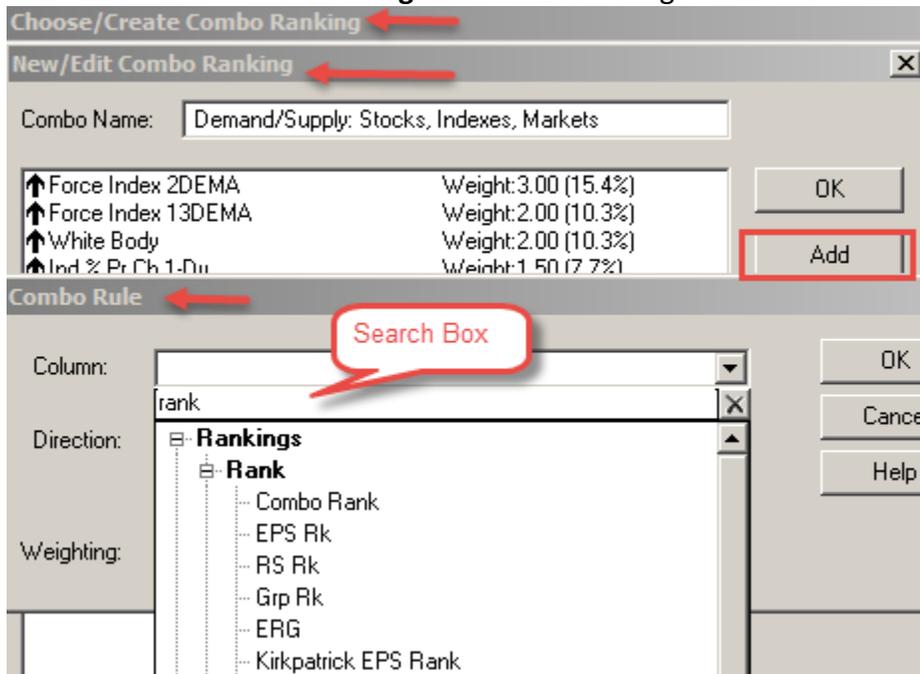
- **Warehouse Sort dialog** to enable searching for the sort data fields easier



- **Warehouse Spectrum Analyzer Field To Analyze dialog** to enable searching for the field to slice



- **Warehouse Combo Rule dialog** to enable searching for the field to rank



DATA FIELDS FOR USE IN FILTERS AND WAREHOUSE

IMPROVED: %CI / VPOC10/10

Added Green (≥ 0) and Red coloring when used in the Warehouse. Fields that are both green and red showing a 0.0% value are the result of rounding. Green is 0 or slightly above. Red is slightly negative but "round" to 0.

% CI / VPOC10/10
0.0%
0.0%
0.0%
-1.3%

NEW: % Close Moving Average Fields

These 7 new % Close fields are variants of existing HGSI %CI/Moving Average fields

- % CI/3 DEMA
- % CI/6 DEMA
- % CI/18 DEMA
- % CI/50 DEMA
- % CI/100 DEMA
- % CI/200 DEMA
- % CI/20 DEMA

NEW: Chart Patterns Days Since Crossover Fields

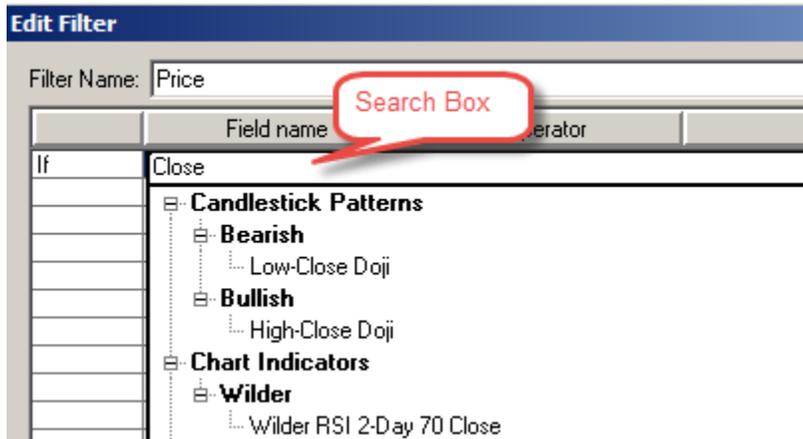
These 2 new Days Since Crossover fields are just like the existing Days Since 17DMA Crossed 50DMA only using exponential moving averages (which weight more recent days higher).

- Days Since 20DEMA Crossed 50DEMA
- Days Dn Since 20DEMA Crossed 50DEMA

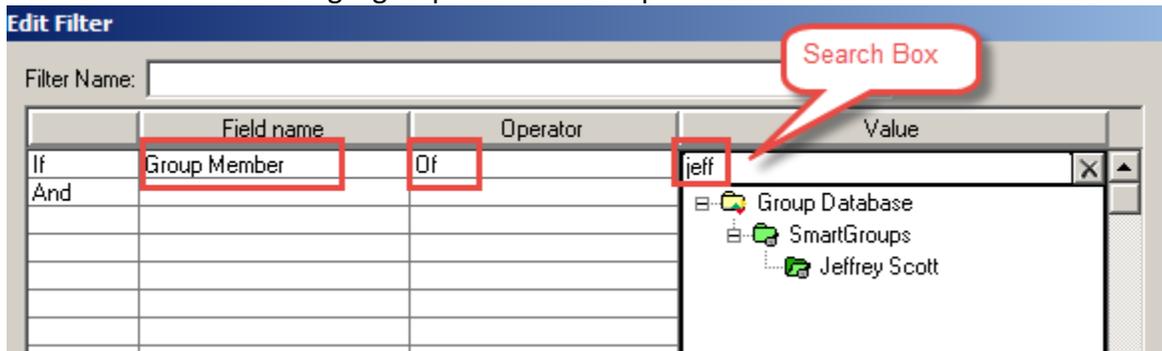
FILTER FEATURES

Search boxes have been added to the *Edit Filter* dialog:

- *Edit Filter dialog Field Name drop down* window enables searching for a field



- *Edit Filter dialog Value drop down* window when the *Field Name* selected is *Group Member* to enable finding a group from the Group Database easier



END OF UPDATES FOR BUILD 29014

May 1, 2016 – HGSI Software Upgrade Notes

HGSI V8 Build 28637 (replaces build 28569)

INSTALLATION

When HGSI is installed for the first time, it installs the HGSI Software, HGSI Database and several optional Add-ons. Add-ons contain ready-made Filters, Chart Views, Warehouse Views and Combo Ranks that facilitate the use of HGSI.

NEW: Prior to this release HGSI Add-ons had to be installed separately by downloading them from the HGSI Website. Starting with this release of HGSI, Add-ons shipped with HGSI, will also be updated along with the HGSI software and HGSI Database.

When new add-on updates are available you will see the following message during the installation.



Click yes to allow the changes to be made to the Add-ons shown in the ADD-ONS section of the HGSI WhatIsNewV8 document.

Click no if you need time to rename or move a copy of them to your User folders. HGSI will remind you of the update each time you close and restart HGSI.

ADD-ONS

NEW: A new Ron Brown set of ADD-ON folders will be installed. They will contain all of Ron Brown's latest work. These new Filters, Views and Combo Ranks will be used to focus and concentrate on a few processes, primarily using volume and price analysis, to find investment opportunities that will help users of these strategies improve their portfolio P&L.

For more information contact Ron Brown at ron@highgrowthstock.com

Charting Views

- Ron Brown, 20160501
 - 00 Favorite Charts
 - 01 VPA with VPOC 10/10 Periods
 - 01 VPA Trend Colored Candles, Group Line
 - 02 VPA Trend Colored Candles, Group Line, Weekly
 - 03 250, 90, 30, 10 VPOC, Candles, Black, 10 Period Line
 - 02 Impulse/Reaction Views, VFB
 - 01 IR View
 - 02 IR View, 3, 6, 18 EMAs, Short Term Crossovers
 - 03 IR View, 18, 50, 100 and 200 EMAs, Long Term Crossovers
 - 04 IR View, 4, 9, 17 SMAs, Short Term Crossovers
 - 04 IR Weekly
 - 05 IR View, 3, 6, 18 EMAs, Short Term Crossovers: DCIH, DCIL

Warehouse Views

- Ron Brown, 20160501
 - 01 Volume Point of Control (VPOC)
 - 01 HGSI Groups, ETFs, and Indexes, Days Since VPOC
 - 01 HGSI Groups, ETFs, and Indexes: 10 Period VPOC, Bullish, 50 K
 - 02 HGSI Groups, ETFs, and Indexes: 10 Period VPOC, Bearish, 50 K
 - 02 VPOC: Stocks In Groups
 - 01 HGSI Stocks 10 Period VPOC, Bullish, 250 K Vol
 - 02 HGSI Stocks, 10 Period VPOC, Bearish, 250 K Vol
 - 03 VPOC: VPA Flag Today, Stocks In Groups
 - 01 Bullish VPA Flag Today, Stocks in Groups, VPOC Up, 3 Day Win
 - 02 Bearish VPA Flag Today, Stocks in Groups, VPOC Dn, 3 Day Win
 - 04 VPOC: Growth Stocks
 - 01 Growth Stocks VPOC 10/10 and Force 2 Positive
 - 02 Growth Stocks VPOC 10/10 Positive
 - 03 Growth Stocks In Groups Up Today
 - 04 Growth Stocks: Stock & Groups Moving Up SmtGrp
 - 05 Growth Stocks: Stock & Groups Moving Up SmtGrp, \$1 to \$15

Filters

- Ron Brown
 - VFB
 - 10 Period VPOC, Bearish, DCIL
 - 10 Period VPOC, Bullish, DCIH
 - VPOC 10/10 Dn
 - VPOC 10/10 Up
 - VPOC Filters
 - Bearish VPA Signal Today, Stocks in Groups, VPOC Dn, 3 Day Win
 - Bullish VPA Flag Today, Stocks in Groups, VPOC Up, 3 Day Win
 - Growth Stocks in Groups on the Move
 - Growth Stocks In Groups on the Move in S&G Up, \$1 to \$15
 - Growth Stocks on the Move in S&G Up All
 - Growth Stocks VPOC 10 Day and Force 2 Positive
 - Growth Stocks VPOC 10 Day Positive
 - HGSI Stocks in Groups, 10 Period VPOC, Bearish
 - HGSI Stocks in Groups, 10 Period VPOC, Bearish, DCIL
 - HGSI Stocks in Groups, 10 Period VPOC, Bullish
 - HGSI Stocks in Groups, 10 Period VPOC, Bullish, DCIH
 - Industry Groups, 10 Period VPOC, Bearish
 - Industry Groups, 10 Period VPOC, Bullish

Combo Ranks

- Ron Brown
 - VPOC Combos
 - Day Down Since VPOC
 - Day Since VPOC
 - Demand, Intraday EOD
 - Industry % Price Chg 1 Day
 - Industry % Price Chg Dn 1 Day
 - Supply, Intraday EOD

DESIGNER

IMPROVED: Fixed the problem where the line separating the designer mini-toolbar would vanish when the warehouse opened up.

IMPROVED: Fixed bug in designer strategy back test final report. The value for percent of trades exited early wasn't rolling up correctly into the group and for all stocks. This only appeared if you use the stop loss control.

CHARTING

CHOOSE/CREATE CHARTING VIEW WINDOW:

IMPROVED: Fixed the search field problem when using the special search text "\$hgsi_bad". The search would flag VFB's as having an error if the applied filter option was being used rather than a specific selected filter.

VOLUME PRICE ANALYSIS CHARTING INDICATOR:

UPDATED: The original HGSI TechTalk PDF document has been updated as of 5/1/2016. Click here for the updated 5/1/2016 PDF: [Volume Price Analysis](#). The HGSI Help system for Volume Price Analysis has also been updated.

NEW: Added the following VPA signal text descriptions to the VPA upper left corner:

- **nut:** "Reached new recent high on higher volume but failed to hold"
Example of nut: ACTG on 4/20/2012
- **topRevBar:** "Reached new recent high but failed to hold"
Example of topRevBar: MSFT on 06/04/2013

FILTER & DATA FIELDS

Location: Chart Indicators > Float Turnover Folder

Field Name	Description
NEW: % CI/Float Turnover High	This is the percent difference from the close and YESTERDAYS Float Turnover Channel High value. It's the difference from the close and the stock's high during the last turnover. When positive it means the stock has broken out of the high during the last turnover. When this is negative the stock is still below the most recent turnover's high water mark.
NEW: % CI/Float Turnover Low	This is the percent difference from the close and YESTERDAYS Float Turnover Channel Low value. It's the difference from the close and the stock's low during the last turnover. When negative it means the stock has broken below the low during the last turnover. When this is positive the stock is still above the most recent turnover's low water mark.
NEW: Float Turnover	The actual number of days the stock has taken for its' daily volume to add up to the float. This is the float turnover you can see in the charting indicator Float Turnover Channel.

NEW: Float Turnover 5-Dy Slope	This is the 5 day best fit slope of the float turnover line from the charting indicator Float Turnover Channel (the blue line). A negative slope means the volume is increasing (since the more the volume goes up the faster the stock turns over and the lower the float turnover days)
CHG: Float Turnover 50DMAV	Float divided by the 50 day moving average volume. NOTE: This field was previously named Float Turnover and located in the Fund > General folder. It has been renamed to Float Turnover 50DMAV and moved to Charting Indicators > Float Turnover.

Location: Chart Patterns > Volume At Price Folder	
Field Name	Description
NEW: % Cl/VPOC10/10	The difference between the Close and the VPOC 10/10. Greater than 0 and the close is above the VPOC, less than 0 and the close is below the VPOC
NEW: Days Dn Since VPOC 10/10 Crossover	Days since the close crossed below the VPOC. 0 means today
NEW: Days since VPOC 10/10 Crossover	Days since the close crossed above the VPOC. 0 means today
NEW: VPOC 10/10	The VPOC on a 10 period, 10 bucket settings. Same as the charting indicator on the last day of the chart.

Location: Fund-Earnings > %EPS and Fund-Revenue > % Rev Folders	
Field Name	Description
NEW: % EPS %Chg - 1	Percent change of the last two quarters earnings year over year percent change. A measure of EPS acceleration for the last two quarters. Uses HGSI SmartPercent in order to compute the percent change, as a result values can be extreme when going from negative to positive. Tiny earnings compared on a percentage basis to more normal values can have outsized percent change measures.
NEW: % Rev %Chg - 1	Percent change of the last two quarters revenue year over year percent change. A measure of revenue acceleration for the last two quarters. Uses HGSI SmartPercent in order to compute the percent change, as a result values can be extreme when going from negative to positive.
END OF UPDATES FOR BUILD 28637	