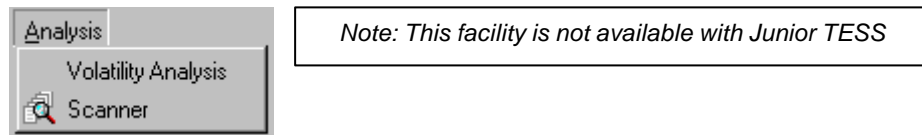
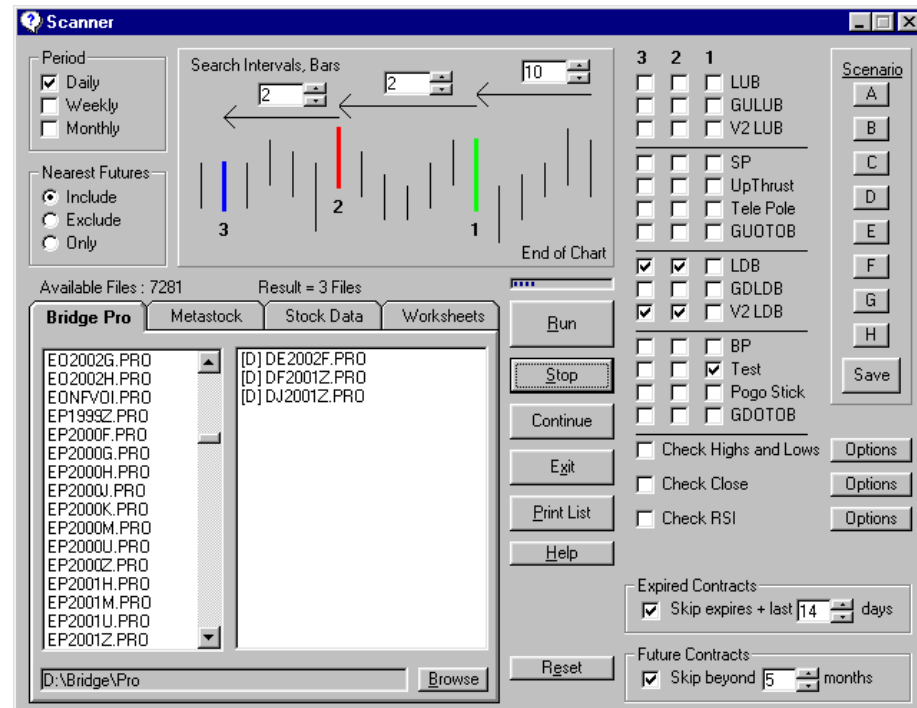


## Advanced Facilities



The scanner facility searches through a set of data files for certain types of TES bars and other specific criteria. The results of the scan are then shown in the results list.



Click **Run** to start the scan.

The progress bar shows how far the scanner has gone through the data list.

Click **Stop** at any time to stop the scan.

Click **Continue** to resume the scan at the last file processed.

Click **Print List** to print the results list to the default printer.

Click **Reset** to return all the settings to the default set.

Click **Help** to display the relevant section of the online help file.

Double Click a file in the result list to load the chart.

### Data Types:

Pro tab will search a folder of Pro format Data.

Metastock Tab will search a folder of Metastock format Data.

Stock Tab will search through a folder of Stock Data.

Worksheets Tab will search through pre selected list of Worksheets.

**Search intervals:**

The interval to bar 1 is the number of bars from the end of the data through which the search for Bar Type 1 is carried out.

The interval to bar 2 is the number of bars back from and successful Bar Type 1 to be found.

The interval to bar 3 is the number of bars back from and successful Bar Type 2 to be found.

**Example**

The above example shows a search for a Test bar within the last 10 bars of a data file.

If a Test is found it will then check that it was preceded, within 2 bars, by either a Loaded Down Bar or a V2 Loaded Down Bar. If so then it will check that this bar is also preceded, within 2 bars, by a Loaded Down Bar or a V2 Loaded Down Bar.

**Period:**

**Daily, Weekly, Monthly** : Check the interval formats for each contract included in the scan.

**Nearest Futures:** (only with CRB Pro Data)

**Include** : This will include the nearest futures file (e.g. BPNFVOI.PRO) in the scan.

**Exclude** : This will exclude the nearest futures file from the scan.

**Only** : This will scan just the nearest futures files.

**Check Highs & Lows:**

This will check if a chart is trading at or near the high or low for a specified period.

Select the **period** from which to calculate the High and Low. The most common value will be twelve months.

The percentage from High or Low will select how close to the High or Low the chart is trading.

Selecting to check **bars from the end** of the chart will check each bar in the specified period.

Selecting to check **successful TES bar** will only check any TES bar that has met the bar criteria selected elsewhere in the scanner.

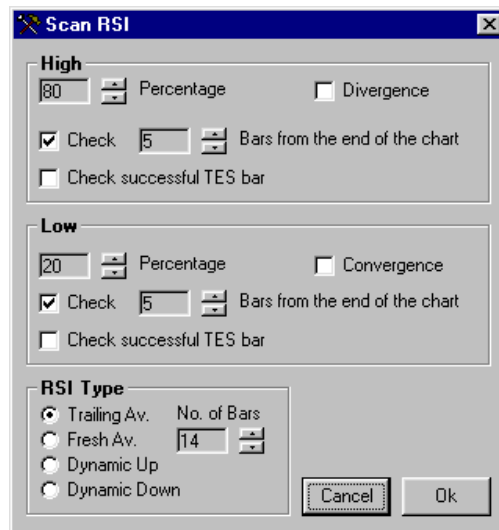
The above example will check if the chart been within 5% of the Year High or within 5% of the Year Low in the last 10 bars of the chart. It will also check if the successful TES bar from the other section of the scanner is also in either of those positions.

**Check Close:**

This will check that the latest close price in the data file has closed a certain percentage above or below the last TES bar found which meets the other search criteria.

**Check RSI:**

This will check if the RSI is within certain limits, similar to the High Low check.

**Expired Contracts:** (only with CRB Pro Data)

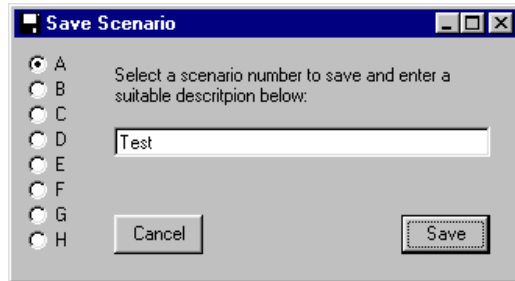
This will skip any contracts which have expired or any within a specified time from expiry. For this purpose the expiry date is assumed to be the end of the contract month rather than the exact expiry date of that contract.

**Future Contracts:** (only with CRB Pro Data)

This will skip any contracts which are due to expire beyond a specified period into the future. For this purpose the expiry date is assumed to be the end of the contract month rather than the exact expiry date of that contract.

**Scenarios:**

Having set up a scan which may need to be run again, it can be saved in one of eight scenario buttons.



*Click **Save**.*

*Select the **Scenario Number**.*

*Type a suitable **description**.*

*Click **Save**.*

The description will be shown when the cursor is held over any scenario button on the main scanner screen.

**Note:** The Scanner window can be left active while viewing charts therefore enabling the output list to be referred to. If Exit is not clicked the window will hide behind the main screen until analysis is selected again. If Exit is clicked, the window will close and the analysis will need to be repeated. To show the scanner again, either *click* the **Scanner** on the task bar or *click* '**Analysis/Scanner**' as usual

*Note: This facility is not available with Junior TESS*

*Note: This facility is not available with Junior TESS*

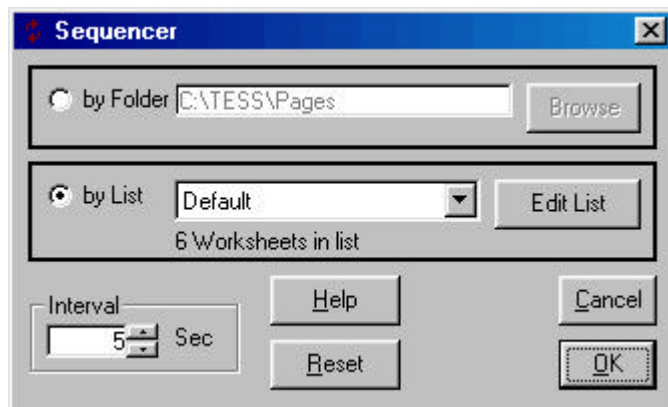


The Chart Sequencer icon allows you to view charts automatically one by one for a specified period of time each.

*For the location of this tool – see ‘Tool Bars’*

The Chart Sequencer loads worksheets saved in a specified folder or list and then displays each chart in the worksheet one by one for a specified period of time. The location of the worksheets and the time each chart is displayed can be changed as detailed below.

*Right click the **Chart Sequencer** tool to change any of the related settings.*



*Select **by Folder** to sequence through all the worksheets found in a specified folder.  
Click **Browse** to change the folder where the sequenced pages are to be read.*

*Select **by List** to sequence through a list of worksheets.  
Click **Edit List** to edit the list of worksheets to be sequenced through.*

The **Interval** controls the length of time each chart is displayed.

*Click **Reset** to set the sequencer back to original default settings.  
Click **Cancel** to close the Sequencer Editor without making any changes.  
Click **OK** to save the new settings and close the Sequencer Editor.*

Left click the **Chart Sequencer** tool to activate the Automatic Chart Sequencer.



The **Arrows** move the sequencer back or forward, **Single** for charts, **Double** for worksheets. The arrows can be used even when in Auto Mode, the next chart will be displayed and the sequencer will continue in Auto Mode.

Click **Pause** to halt the sequencer on the current chart. Click **Auto** to proceed again. For example if you wish to add text to a chart while the sequencer is running, click **Pause**, then add the desired text, then click **Save Worksheet** before clicking **Auto** to resume sequencing. If the worksheet is not saved the changes will be lost as the sequencer does not save worksheets as it goes.

Check **Close** to stop the sequencer and revert to the normal display with the current chart.

Activating any of the tools within TESS will pause the sequencer. Click **Auto** to proceed again.

Notes: The sequencer always starts from the first suitable file it finds in the specified folder or list. It is therefore preferable to use the pause control if you wish to continue viewing from the current folder.

*Note: This facility is not available with Junior TESS*

*Note: This facility is not available with Junior TESS*



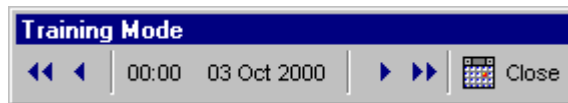
Training Mode is a facility which removes a specified number of bars from the end of a chart. This can then be used to add single or multiple bars back to the chart.

For the location of this tool – see ‘Tool Bars’.

Left click the **Training Mode** tool to activate the facility.

When activated the specified number of bars will be removed from all displayed charts.

The following dialog box will be shown.



Click the **Arrows** to add or remove bars.

The date and time shows that of the last bar in the active chart.

Click **Close** to exit the Training Mode and reset all displayed charts.

## To Adjust the Training Mode Settings

either: Right click the **Training Mode** tool.

or: Click **Settings** when the Training Mode is running.

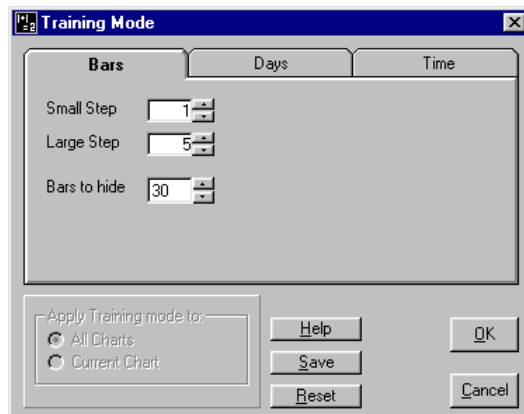
The Training Mode works in three different modes.

### Bars:

A selected number of bars will be removed from the end of each chart.

If a weekly chart is displayed with a daily chart the same number of bars will be removed from the end of the chart. The charts will therefore not have concurrent end dates.

This method however is the faster method to use without having to think about dates.



**Small Step** sets the number of bars moved by the single arrow.

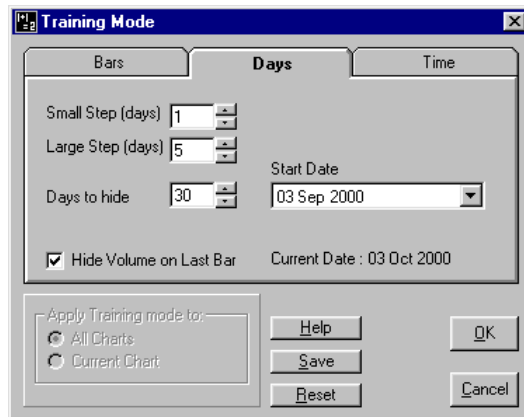
**Large Step** sets the number of bars moved by the double arrow.

**Bars to Hide** sets the number of bars removed when starting the Training Mode.

**Days:**

All the bars in each chart are removed back to a specified date.

For example, if a weekly chart is shown with a daily chart both charts will show concurrent dates.



**Small Step** sets the number of days moved by the single arrow.

**Large Step** sets the number of days moved by the double arrow.

**Days to Hide** sets the number of bars removed when starting the Training Mode.

**Start date** sets the concurrent date for all the charts.

Check **Hide Volume on Last Bar** to remove the volume data on last displayed bar to make the data viewed more realistic to data available in an up to date chart. This facility is not necessary for contracts where the volume figures are known at the close of trading.

**Time:**

This method is only available when trading with Real Time Data on an intra day basis using the additional Real Time Service pack with TESS.

Click **Save** to save the changes for the next time you run TESS.

Click **Reset** to apply the original default settings.

Click **OK** to accept the changes and return to the chart.

Click **Cancel** to exit without making changes.

**To Load a New Chart with Training Mode Activated**

When loading a new chart, check **Training** before loading the new chart and the chart will be loaded with the specified number of bars hidden. The Training Mode can then be used as above. The purpose of this is to load a chart without seeing the hidden bars first.

*Note: This facility is not available with Junior TESS*

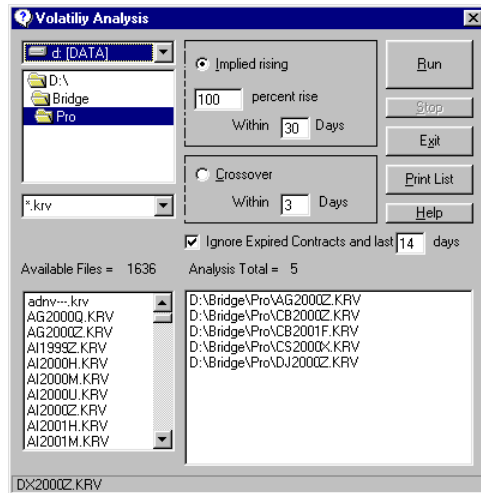
Click **Analysis** on the top menu

Select the Drive and Folder of the data to be Analysed

Default location (C:\Crb\Pro), this can be altered in Settings\Preferences\Data Paths.

The filter should be left as \*.krv for CRB volatility files

A list of available files will show in the left lower box, with the file count above.



Select the **type of analysis**

**Implied Rising:** To search for a specified rise in Implied Volatility within the last 'x' calendar days.

**Crossover:** To search for a crossover of Implied and Real Volatility within a specified period of calendar days.

Check **Ignore Expired Contracts** to prevent any expired contracts being searched.

Expired contracts have a tendency to show a high increase in Implied Volatility as they reach expiration. Likewise contracts within a specified number of days before expiration can also be ignored. A period of 14 days is recommended.

Click **Start** to run the analysis

Files meeting the requirements will be listed on the right hand list, with the file count above.

Click **Stop** to halt the process at any time.

Double click any of the **Output Files** to display the chart.

Click **Print List** to output the list to a printer.

**Note:** The Analysis window can be left active while viewing charts therefore enabling the output list to be referred to. If Exit is not clicked the window will hide behind the main screen until analysis is selected again. If Exit is clicked the window will close and the analysis will need to be repeated.



The Option Strikes icon shows a matrix output of the last two days of option strike data

*For the location of this tool – see ‘Tool Bars’*

This part of the program was added at the request of many users to enable them to read the Option Strike prices supplied by CRB without the need to keep backdated charts and also view the data in a table format.

The first time you use the Option Strikes facility you should download two days of data as the program displays the latest data together with references to the previous day.

The program searches the OS Download path (set in Settings\Preferences\Data Paths) for the two latest Option Strike data files. The data is then copied to the files called OS-New.amr and OS-Old.amr in the OS\_Data Path (set in Settings\Preferences\Data Paths). If the program only finds one new downloaded file the old content OS-New.amr is copied to OS\_Old.amr, therefore always keeping just the latest two days.

If you do not use the Option Strikes facility every day, you may need to download two files prior to running the Option Strikes to ensure you always refer to the latest data.

### **To Open a New Option Strikes Screen:**

- 1) *Click Option Strikes Button*
- 2) *Select the commodity to be viewed using either of the drop down boxes at the top. Ticker (e.g. AD) or Description (e.g. Australian Dollar)*
- 3) *Select whether you wish to look at prices, point values or a custom price multiplier.*
  - Price:** The point value is multiplied by the figure shown to display dollars
  - Points:** The point value provided by the CRB Pro Data file is shown.
  - Custom:** The point value is multiplied by a custom multiplier.
  - Data:** Raw data provided by the CRB Pro data file.

### **Display**

In each of the data boxes there are two figures

The left figure shows the strike value and the right figure the movement from the previous set of data (usually the previous day). If there is no movement no value is printed or if there is no previous data (i.e. a new contract) no value is displayed.

The two dates at the top of the screen show the dates of the most recent strike data downloaded. If these dates are not concurrent trading days or are not up to date, then two days of new strike data should be downloaded and the Option Strike routine run once again.

### **Price Multipliers**

The price multipliers are all stored in the file "Ticker.Dat". This file can be edited using Windows Notepad. If you do wish to edit this please ensure you make a backup copy first and keep the format the same within the file or errors may occur. The price multipliers stored in this file are based on our understanding of the formats used by CRB and serve only as an indication of price or point value. Any prices should be checked with a suitable broker prior to any trading.