



## New Features and Bug Fixes for Release Version 5.3.1

Release Date: May 1, 2007

Display	
4572	Stripchart 100mm tick mark rounds time to the nearest second.
5873/6112/6110	Frequency Plot – ability to show multiple parameters (waterfall) simultaneously with a legend (via right-click menu).
6195	Z Ball – no file size limit on bitmaps
Client	
6099	Filter frequencies can now be changed with the mouse in realtime by simply dragging an indicator bar using the Filter Frequency GUI.
System	
5710	Proof of Un-install
5969	Z-ball – Map files and .geo files now save in the zball.
6061	User notified if files are too large to fit in the zball.
6084	Z-ball – if config already contains pictures – the picture files will be placed inside the zball.

6079	Z-ball – picture files (or support files) removed from the client will be removed from the zball.
5618	Now we have a start up file command line option that will disable com object registration on a client.
5139/6058	Flutter Excitation System Support - ability to deal with a delayed and over-sampled excitation signal.
<b>Bug Fixes</b>	
4219	Delete Overlays now deletes both the overlay and the blue results bar.
4776	1D Linear mode no longer fails on points that fall off the end of the table.
5203	Fixed Block Frequency Plot block size dynamically updates when points are moved.
5478	ABL – All button now works properly with summary plots
5628	550 System no longer dropping buffers in trailer (FTW)
5630	Z-Ball config file no longer gets corrupted if tables get added when converting to latest version.
5631	Z-Ball converting an older version no longer inserts carriage returns in file.
5632	Z-Ball no longer crashes when being converted to latest version
5636	Z-Ball does not put duplicate entries of the config and support files in the z-ball compressed file.
5643	Z-ball DLL registers even if the DLL is already on the client
5684	Active X Controls no longer show wrong icon on the Display Builder.
5721	ICAW – last column is now resizable.
5777	TPP data in Stripcharts now scroll automatically when data starts.
5778	CNI_UFD now displays ICAW properly.
5789	Overlays now displaying picture objects correctly.

5841	Time sync for Eglin
5847	Tab Displays – threshold breaks now showing proper color on tab.
6027	Room 144 time no longer jumpy.
6088	Zball – All the final files needed for MCS shutdown are now in the correct location, with the correct name(s).
6038/6039	Log Dec overlay now deletes properly when point selections are moved after delete.
6051	Frequency Plot envelopes are no longer obscured by grid lines.
6052	Frequency Plot Envelopes now work in Waterfall display mode.
6053	Frequency Response Plot Margin Bars now render all the way down to domain minimum.
6086	MCS recover now uses the correct configuration file.
6083	Help system now works correctly in “local” mode.
6100	Frequency Plot hint was not displaying properly when X Axis = linear and Y = Log in waterfall mode.
6111	Frequency Response Plot now selects correctly in half power damping mode.
6117	Analysis Window names that contain the word “update” now rename/copy properly.
6174	Picture object no longer shows transform center point when window locked.
6185	Active X controls on non visible tabs now scroll back properly and update correctly.
6159	Standard Gauge back color now updates properly when display moved.
6165	Primitives - FillPercent no longer fills object solid if value is -100% and FillOffset = 0.
6195	Z Ball – Desktop and Analysis Windows with bitmaps are exported/imported properly.