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Version 7.19 Improvements

Most all changes in this version are to the Navionics and C-Map charts. So someone that already has 7.18 and does not have either of these charts is going to see much in the way of improvements.

Windows Vista Improvements

If you are using the new Windows Vista to run your P-Sea WindPlot then this version does have some improvements for that. Some of the Vista users will notice that after many hours of operation, Vista seems to start acting strangely with ghost windows, flickering and so on. We found that Windows Explorer is causing this so we have created a way to automatically reset Windows Explorer through this version of P-Sea WindPlot.

The next thing that sometimes happens with Vista is that it drops COM ports after a period of time. We had added a auto-reset that took care of it for most but not all so we have changed the type of COM driver software that we were using. So far we have not experienced any drop outs with this new COM driver software and gained more possible COM numbers to work with.

You will find this auto-reset in the P-Sea WindPlot's "Adjustments" menu under "Chg.COM Ports/Time". Just look for the "Auto-Reset" check box and click it. I will first ask if you want to reset COM ports, we suggest to enter 0 here to turn the COM reset off unless you have troubles later with the COM ports. Next it will ask how often you want to reset Windows Explorer?. The default is every 6 hours, we suggest you try that value and decrease it if needed.

ALARMS All alarms can be turned off now by right-clicking the alarm icon.

TD Grid Print Sizeable Click the "Large Print" check box in the TD Grid Setup.

Monthly High/Low Tide Table Printout - In C-Map and Navionics charts only - see operations guides.

Compass Rose added to Heads up modes - Added a compass rose to heads up modes to indicate direction of north to the maps.

Event Timer: Distance was added (N for Nautical miles) to the interval timer in the WindPlot "Options" > "Timed Function" > "Interval Timer" function selection. Just enter the distance like .01 and the program will make a sound and a voice comment each time the vessel moves that distance. It will also ask if you want a **MARK MADE AT THAT INTERVAL**. A mark will also be made when the interval is met.

3D Lighting has been improved. If you have the 3D program then this version will allow you to change the direction of lighting and the brightness without having to restart the 3D program as you have in the past. These items have also been combined into one window that updates as you change the controls so you see difference as you change the settings.

Class B AIS is now supported. AIS class B will soon be required on commercial vessels of 65 or greater. Class B AIS is new and many AIS programs do not support it

Added Compass to heads up mode so you have a reference to where north is.

High/Low Resolution now checks for valid data before changing resolution modes.

Crab Watch changed to Watch Alarms in the options menu.

To cancel all Alarms, just right-click on the alarm horn icon now.

Delete a Fishing area now by right-clicking on "Rename" button.

More Alarms button added to the alarm adjustment window so you can change any other alarm.

Distance timer alarm added to timer functions.

P-Sea FishFinder Changes

Added a Hide Graphs check box when using the bottom characteristics mode.

Added gain level adjustments when using the bottom characteristics mode so you can use a higher gain in auto-gain mode.

Fixed so that "No 2nd Echo" message appears when using the bottom characteristics mode and there is no 2nd echo. The display also goes to -? For hardness values.

Version 7.20/7.21 Improvements

- Stellwagon backscatter charts now show on chart arrow buttons below the range button.
- Increased cursor box font size from 8 to 14 pitch for better viewing.
- The boundary window now asks if you want to change a Lat or Long instead of delete w/No=delete this node.
- Added Right-click to insert a node to boundary node list
- Added chart CD search when clicking Menu "Data" and "Charts", no need to restart program now.
- Added a waypoint origin auto-reset. Call up the Route/ Waypoint window in the "Option" menu. Click the "Reset Origin" button and you will get a question asking if you want it to be automatic, then just click "Yes"
- Added Search & add from other sources to both track and mark menus to load data from any place.
- Added Auto-TD calibrate to TD calibration box when both Loran & GPS are interfaced. This allows you to just click the "Auto Adjust" to have the Loran numbers entered automatically when calibrating TD's.
- Added right-click to tool bar to turn marks, tracks, routes, wp, mob, anchor on and off.
- Added "Display Tracks past 500nm check box to Track Search & Edit window displays when zoomed out.
- Added "Display Marks Past 50nm and 500nm" to Marks Search & Edit window "Display Options" menu.
- Added change group of marks on/off, RB on/off and Show on/off to Marks Search & Edit window.
- Added "w/Dot" check box to "Select a boat" in the "Window" > "Heading/PP indicator" menus. When checked you will get BOTH a flashing dot and the pointing boat icons. This helps to see boat position w/many tracks/marks.
- Added "List Erased" check box Track Search & Edit window to list all erased tracks to allow them to be unerased.
- Added "Check file system" check box to SR window when program started to check for write-only files.
- Added Span up/down to P-Sea FishFinder's two monitor display options.
- Added two color gradient to multi track color bar.
- Added "Save as mark" button to Boundary Builder to be able to Boundary Builder points as marks to put in 6.77
- Added "Printout button to Boundary Builder to print list of boundaries to a compatible printer.
- Added auto-com scan that automatically will ask to search for NMEA data when it doesn't detect any after 1 minute of program operation. The auto scan will search all COM ports for any GPS data. Also changed COM help button to activate PORT NMEA data search again if you need to.
- P-Sea Radar: New option in for radar overlay put chart in background of radar display instead of plotter display and added chart rotation degree adjustment for new radar background chart. This way you can still see the radar overlaid on the chart without mixing the radar targets with marks and tracks.
- For 3D: Added "D" button to dependent 3D range input box to switch to independent 3D ranges.
- For 3D: Added "I" button to the 3D scale slider to switch 3D to Dependent ranges.
- For 3D: Added chart and color overlay alignment buttons to 3D "Options" > "Directional Lighting" window.
- C-map: Added a "Adjust chart Position" button to the C-map chart window. Click this to nudge the C-Map chart position by a number of pixels in any direction.
- Track point editor, especially made for 3D BottomBuilder program. Appears with track desc./name window.
- Changed track draw so most current is displayed on top.
- Bottom Builder now remembers which tracks were used to rebuild bottom by adding "3D" to track description.
- Program now picks best chart when two charts have same scale.
- Added un-erase to Track Search & Edit list "Recovery" menu for track that were erased.
- Chart background now black when changing charts so no white flash at night.
- Cursor box and printing made bigger, added separate buttons for Cursor Off and GO TO buttons.
- Mark options that was in the Window menu moved to the "Mark Search and Edit" menu bar as "Display Options".
- Timer added to New Mark window so that a mark is made after 1 minute if nothing is done.
- Rename for Multi-Fishing area at WindPlot startup added including the "Default" area.
- Dithering added to BSB and bathy. chart draw to improve display of charts on all ranges (except BSB 4)
- Free charts from NOAA web site will soon not have to work in BSB4 mode.(after 12/20/09).
- 3D: Added cursor pan arrows.
- Chart selector buttons (below range button) are now numbered (or lettered when C-map charts are used).
- New buttons now appear in Cursor box when cursor is place on a mark or track to allow you to erase them.
- Added "No Jump" check boxes to Mark/Track Search and Edit menus to disable jumping to them when in plotter screen.
- 3D: High Definition (HD) charts now available for certain areas (see 3D chart list).
- 3D: High Resolution charts (w/HD files) now supplied with any new 3D program on DVD's.
- Look-Ahead button added to the toolbar that switches in and out of Look-Ahead mode when clicked.
- 3D: Waypoint line added.(Boundaries will be added later).
- Mini-Chart box: Major improvements all over: more accurate when used to jump and better detailed chart with waypoint and boundaries drawn. Separate cursor and vessel indicators. The mini-chart box itself is now resizeable and you can move it where you wish. Right-click on it to bring up menu to change it.
- Program will now look for BSB charts downloaded from free NOAA chart website and move them out of the individual folders to the BSBCHART folder when clicking the AUTO-FIND button.