



TIMEZERO NAVIGATOR v3.2

Main New Features

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New Furuno Radar Compatibility:

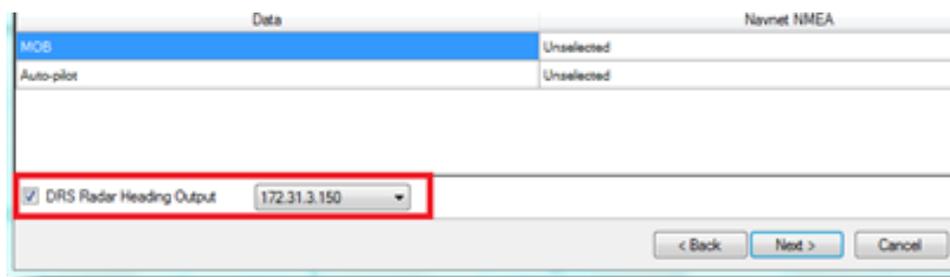
TIMEZERO v3.2 is compatible with the new Furuno Radars below:

- DRS4DL (low cost DRS radar)
- DRS4D-NXT (Solid State Doppler radar with Target Analyzer)
- DRS-XCLASS (newer generation of DRS radar)

Note that the IP address of the radar does not need to be modified anymore like with previous version of TIMEZERO! Radar (sounder & MFD) are now dynamically detected by TIMEZERO (TZ does not rely anymore on a specific IP address). Detected Furuno sensor and MFD are now listed under the “NavNet” options.

Important information regarding “PC-Radar”: Per FND policy, some radars may be connected directly to TIMEZERO Navigator v3.2 without MFD (this solution is usually referred as “PC-Radar”). Without any MFD on the network, TIMEZERO must output some information to the DRS radar (not applicable to FAR series radar) and must be connected to a heading sensor.

When running the Connection Wizard, TIMEZERO will check if a DRS without MFD has been detected on the network (“PC-Radar” mode). In that case, TIMEZERO will enable output to the DRS (on the last page of the Connection Wizard):



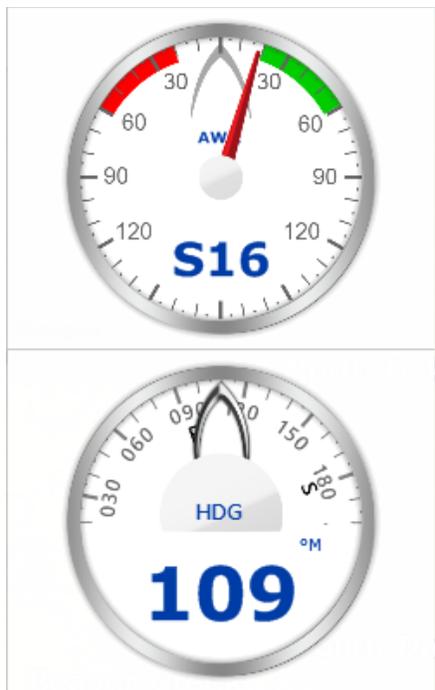
If an MFD has been detected, this option will NOT appear (because the MFD will be in charge of sending information to the Radar).

TZtouch 2 Compatibility:

TIMEZERO Navigator v3.2 can synchronize Route & Waypoint with TZT2 and fully support its internal Sounder (including Bottom Discrimination and “RezBoost”).

New Graphic NavData design:

TIMEZERO Navigator v3.2 includes new graphics for the NavData. New settings are also available to customize the scale of each Graphic NavData:

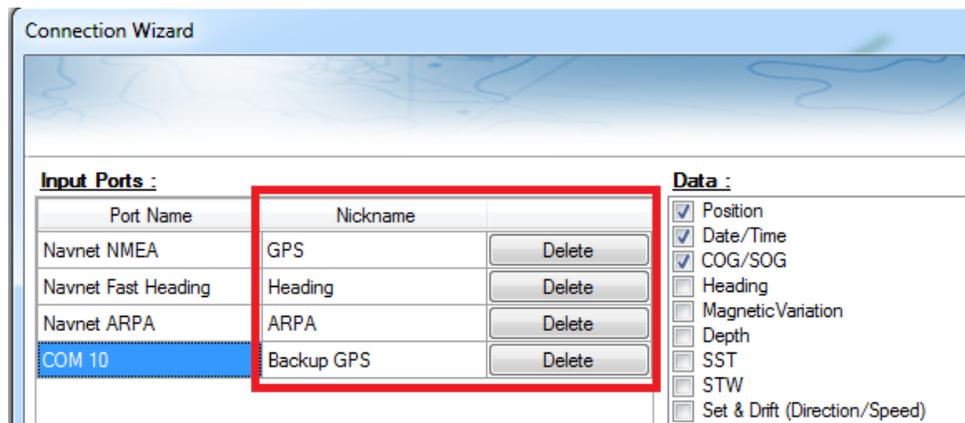


Graphic Instruments Setup

Maximum Boat Speed	<input type="text" value="50.0 kn"/>
Maximum Wind Speed	<input type="text" value="40.0 kn"/>
Minimum Depth	<input type="text" value="0.0 ft"/>
Maximum Depth	<input type="text" value="65.0 ft"/>
Minimum Sea Surface Temperature	<input type="text" value="50.00 °F"/>
Maximum Sea Surface Temperature	<input type="text" value="90.00 °F"/>
Minimum Air Temperature	<input type="text" value="32.0 °F"/>
Maximum Air Temperature	<input type="text" value="90.0 °F"/>

Misc. Features:

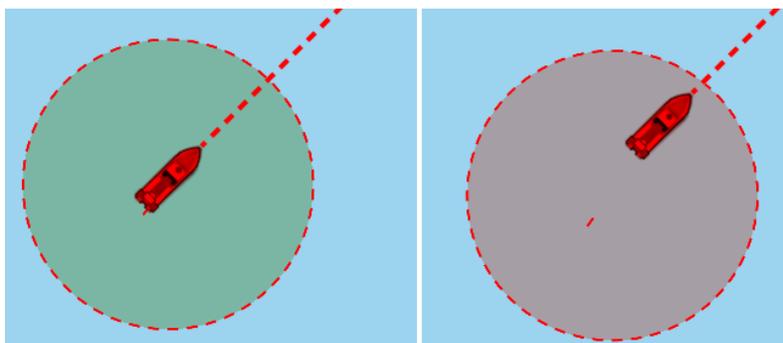
- The Connection Wizard has been improved. It is now possible to give a nickname to a specific input port and delete a previously configured port (without having to clear the entire configuration):



- It is possible to choose a MOB behavior when the MOB button (toolbar) or MOB shortcut is triggered. User can either select an "Event Only" mode (that simply drops a mark and zooms in) or a "Alarm & Activate Route" (that will in addition, create an active route and trigger an Alarm).

- Possible to export track points in a CSV file. This allows a customer to open and see in Excel all track points parameters

- The Anchor Alarm has been improved to be more visible and displays dynamically a green or red background according to the distance from the anchor point:



Also, the location of the Anchor point can be adjusted on the vessel (bow of the vessel by default). This gives accurate result even if the boat "swings" around the anchor (when you have a heading sensor connected).

- Split Route improvement. Customer can now choose if they want to split on the leg or on a waypoint

- TZ Navigator is now compatible with Dual Tap and Dual Drag (3D Orientation) gesture when connected to a multi touchscreen monitor. The Dual Tap function gesture can be adjusted to switch 2D/3D, create an Event or capture a Screenshot

- Automatic Sounder History reset (if the customer drag back the sounder to display the history, it is automatically reset to real time after 5 minutes).

- New improved Worldwide Tide database.

- Panoramio POIs has been discontinued by Google and thus has been removed from TIMEZERO

- Humidity can be displayed in TIMEZERO (using the NMEA0183 "XDR" sentence with "H" parameter)

- The NMEA0183 "XDR" sentence can be used to receive Pressure (using "P" parameter) and Air Temperature (using "C" parameter).

- New "Radar Lost" and "Sounder Lost" alarm are now available when the corresponding sensor is powered OFF or disconnected

