# TZ Professional Change Log

The latest version of TZ Professional **V4** can be downloaded below:
**http://download.mytimezero.com/TZProfessional/V4/InstallProfessional.exe**
(**http://download.mytimezero.com/TZProfessional/V4/InstallProfessional.exe**)

## V4.1.0.53 (Build 4.1.633.0) - *14 July 2020*

- Fixed an issue preventing to convert a track into a route without GPS position.
- Improved single beam PBG recording location that now takes into consideration the Transducer Offset (instead of recording at the GPS position).
- Added a new feature that will let users know when a new version of TimeZero is available and download it automatically for them.
- Fixed an issue with tide height computation.
- Improved Proudman currents display: Proudman currents with speed equal or greater than 0.05kn are now displayed as arrows (instead of 0.1kn).
- Fixed an issue that would cause some user objects to not be refreshed on screen after a synchronization occurred.
- Improved current computation on long route leg (more than 1 day). TimeZero is now able to compute currents on long legs that are up to 5 days (of travel time).

## V4.1.0.51 (Build 4.1.607.0) - *29 May 2020*

- Fixed a crash at startup introduced in a previous build (V4.1.0.41-Build 4.1.589.0) that would occur after disabling the setting "Allow TimeZero to connect to the Internet" and opening TimeZero without an Internet connection.
- Adding back the depth line indicator under the vessel icon in the 3D Cube WorkSpace.

## V4.1.0.48 (Build 4.1.603.0) - *26 May 2020*

- Fixed an issue that would prevent the Shortcut window to be open or TimeZero to crash when a layer with a special character ("&" or ";") was created.
- Adding some fields in the AIS Properties window (such as ETA).
- Improved the trail display in night mode.
- Fixed an issue causing TimeZero to crash after updating from a previous version and attempting to create a weather preset.
- Fixed an issue causing waypoints name to be lost after activating the route.

## V4.1.0.44 (Build 4.1.596.0) - *19 May 2020*

- Fixed a Vector Chart rendering issue causing the depth soundings label to be hidden by obstructions (rendering priority issue).
- Fixed an issue causing TimeZero to crash on military and government computers (that have FIPS enabled).
- Fixed an issue that was preventing the NN3D CSV format to export more than 200 marks.
- Fixed a rare issue that could cause the 3D Cube display to not be rendered at all.
- Improved the Trawl Positioning display in Night Mode.
- Improved the Current Indicator display (with Furuno CI-68 / CI-88) by making the current lines thicker at scales below 1NM (thickness linked to chart range).
- Improved the structure of TZ Report files when the user generates a report.

## V4.1.0.41 (Build 4.1.589.0) - *12 May 2020*

- Fixed an issue that could cause a hang at startup (TimeZero not responding) on some computers.
- Fixed an issue that could cause an error when attempting to back up a large collection file (containing large Track and User Object databases).
- Allows TimeZero to output POS + COG/SOG + HDG + Pitch/Roll/Heave on the NavNet network when a FAR2xx7 or FAR15x3/8 is connected (to be able to support motion and heave compensation on Furuno Sounder).
*IMPORTANT: With this new behavior, it is no longer possible for the FAR radar to output data on the network ("SIO Data LAN Output" should be left OFF on the FAR radar and Position, Heading, Motion sensors should be connected directly to TimeZero)*

- Improved estimated weather file download size.
- Fixed a rare crash at startup that would occur on computers with a faulty Ethernet adapter configuration.

## V4.1.0.39 (Build 4.1.574.0) - *4* May *2020*

- Initial TZ Professional v4.1 Release (**see bulletin for information**
(**https://content.mytimezero.com/hubfs/TZ%20Professional%20v4.1%20Bulletin%20-%20EN.pdf**))

## V4.0.0.55 (Build 4.0.388.0) - *21* October *2019*

- Fixed the "Remember AIS Tracking status" feature that was no longer working.
- Fixed an issue causing the computation of areas (displayed inside the Boundary Area Property window) to be wrong.
- Fixed an issue when creating boundaries by lat/lon that could cause multiple points to be entered at the same location.
- Fixed an issue that could cause an extra point to be added to the route when undoing change on an active route point.
- Fixed the "To" route field that was not properly saved in the User Object database.
- Fixed the boundary alarm distance not being correctly calculated around the meridian and anti-meridian lines.
- Increased the priority of the active waypoint to make it easier to select over the route's perpendicular lines.
- COG & SOG are now computed on ARPA received from TLL sentence.
- Fixed an issue preventing the user to back up a collection in some cases (when a database containing HTML note was upgraded to V4).
- Fixed an issue that could cause tracks to be temporary displayed on the wrong layer (when layer presets were used and toggled by the user).
- Fixed an issue causing the boat icon to disappear when the fuel range ring was displayed and extended over the +90/-90 latitude line (when receiving fuel information from the NMEA2000 bus).

## V4.0.0.51 (Build 4.0.356.0) - *10* July *2019*

- Fixed an issue causing the list selection to "jump" sometimes when right clicking on a line.
- Fixed an issue preventing the user to open the custom event marks window after making a change to its default configuration.
- Fixed an issue when opening a backup collection files from an older recreational product (Nobeltec TZ Odyssey v1/v2, Nobeltec TZ Trident v1/v2 or MaxSea TZ Navigator v1/v2).
- Fixed an issue that could cause the High-Resolution Tidal Currents to become refreshed very slowly or even become "frozen" when making an animation.
- Fixed an issue that was causing waypoints (in a route) to lose their name when migrating database from an earlier version.
- Various improvements to the routing algorithm to avoid land and increase performances (routing module).
- Fixed a crash that was happening when attempting to open some polar files (routing module).
- Improved the compatibility of GRIB file with oceanic currents from third party source.
- Fixed a random crash that was caused by drawing the route arrival perpendicular line at a specific angle.
- Fixed an issue when importing NavNet3D CSV files (if the CSV file contained a route that was referencing points instead of waypoints).
- Improved the display of Wind Gust arrow (to not use the same color as wave arrow).
- Added Fuel Consumption to the TZ Log (requires compatible NMEA2000 sensor).
- Added back the old BackScatter color palette (renamed "Classic" color palette).

## V4.0.0.41 (Build 4.0.300.0) - *21 May 2019*

- Fixed an issue preventing some of the radar and sounder shortcuts (increasing/decreasing values) to work properly
- Fixed a crash when attempting to create a boundary area on top of a boundary circle
- Fixed an issue with Augmented Reality and fix camera (the Field of View setting was not considered properly)
- Fixing an issue with Autopilots where TZ could send empty pilot sentences (via NMEA2000 or NMEA0183) when switching waypoints sequentially quickly (could happen with synchronization, or if the user performs a manual "Switch Waypoint" action twice quickly, or if two waypoints are very close to each other)
- Fixed an issue that would not enable the route display when performing a "Go To" action on the Radar WorkSpace with the right click or "Go To" tool
- Fixed an issue that would sometimes prevent the route tool to use the exact mark position when clicking on a mark.
- Fixed an issue with the boundary line alarm (the alarm "Boundary Line Crossed" was automatically dismissed too quickly causing the user to possibly miss the notification)
- Improvement to the Planning WorkSpace when clicking on a waypoint of the active route. The Time Bar will now adjust to the predicted ETA automatically allowing you to forecast upcoming tides, currents and weather.

- Fixed an issue preventing TZ to save some list settings (order of column, sort property…)
- Added more time selection options for the "Hide Fish Target Older than" setting (available with DFF3D and WASSP)
- Added TMQ C-Plot Nav+ format to the Import Wizard (TZ can import marks, events, boundaries and tracks)
- Fixed an issue introduced in v4.0.0.38 that could prevent TZ Professional to output data to the DRS or DFF3D in standalone mode (without MFD) preventing the DRS or DFF3D to operate properly. Note that this issue only happened if TZ was connected to instruments via NMEA0183 (no issue with NMEA2000).
- Fixed a crash (or hang) that could happen when displaying the Fish Target in the Water Column WorkSpace when the DFF3D was not sent a valid position or heading (the Fish Target would not be geo-referenced properly causing an issue in TZ)
- Various improvements to the Weather Routing

## V4.0.0.38 (Build 4.0.276.0) - *3 May 2019*

- The password for protected layer is now saved so that the user does not have to type it again when importing new TZD files
- When a route belonging to a custom layer is activated (and when there are other TimeZero Platforms on the network), the route is automatically moved to the "TimeZero" layer (so that it gets synchronized).
- By default (for new installation or after resetting the user settings), the default layer for Routes is set to the "TimeZero" layer (this can be changed from the "Default Layer" window). This changed has been made so by default all route get synchronized.
- Fixed an issue related to the Active Route synchronization (Active Route would become "corrupted" if it was edited during synchronization)
- Improved the local synchronization speed when lots of TimeZero platforms are on the same local network (>10)
- Fixed an issue preventing to adjust NavData in Home Planning mode using the right click.
- Improved the display priority of High-Resolution 3D databases (will now be displayed over the basic 3D database)
- Added the ability to adjust the offset (heading/pitch/roll) of the Furuno Satellite Compass (SC33/SC30) via NMEA2000 (using the Actisense NGT1-USB)
- Fixed an issue preventing Oceanic Current particle animation (arrow display) and route computation (when currents data was downloaded without the premium Ocean-O service)
- Fixed an issue displaying a notification ("Internet Connection Problem Marine Traffic Input string was not in a correct format") caused by targets with empty MMSI being sent by Marine Traffic
- Improved the Manual SAR Route creation to initialize the initial bearing with the current COG (when available)
- Prevent the Time Line of the Planning WorkSpace to disappear when "Auto Hide Interface" is enabled (the Time Line will now always be visible)
- Improved various issues related to the import wizard (TimeZero TZD, PTF, ECC Globe & Sodena Turbowin files)
- Improved NMEA2000 Autopilot output (adding a default "WP00x" name to waypoints that have not been named by the user)

## V4.0.0.31 (Build 4.0.259.0) - *15 April 2019*

- Initial TZ Professional v4.0 Release (**see bulletin for information** (https://content.mytimezero.com/hubfs/TZ%20Pro%20v4%20-%20Bulletins/TZ%20Professional%20V4%20Bulletin%20EN%20-%20DEALERS.pdf))


The latest version of TZ Professional V3 can be downloaded below:
**http://download.mytimezero.com/TZProfessional/InstallProfessional.exe**
(http://download.mytimezero.com/TZProfessional/InstallProfessional.exe)

## V3.3.0.54 (Build 2.12.1247.12)

- Fixed an issue with the DFF3D that was introduced in V3.3.0.40. If the DFF3D was initially configured with a version of TZ Professional in between V3.3.0.40 and V3.3.0.52, the bathymetry sent by the DFF3D will not be optimal (bad motion compensation). Make sure to install V3.3.0.54, clear the Input/output (using the last option of the connection wizard) and reconfigure the input/output. If you configured the Input/output with V3.3.0.39 and below and then upgraded to V3.3.0.40 - V3.3.0.52, you will not experience the issue (but it is recommended to use the latest version).

## V3.3.0.52 (Build 2.12.1244.12)

- Fixed a rare issue causing TimeZero to crash if an AIS SART message was received while TimeZero was starting.

## V3.3.0.51 (Build 2.12.1243.12)

- Fixed an issue preventing tracks from Sodena TurboWin to be imported in some cases (when the track contained an invalid date).
- Fixed an issue with ActiveCaptain preventing the Restrictions Notes to appear on Bridges and Locks.
- Fixed an issue preventing some MaxSea Classic PTF files to be imported (also causing subsequent import to fail)
- Fixed a rounding issue with ActiveCaptain bridge clearance value. Note that the old database needs to be manually erased (contact Tech Support for more information).

## V3.3.0.49 (Build 2.12.1240.12)

- IMPORTANT: Fixed an issue that was preventing the tide offset to be applied to the Furuno Multibeam DFF3D sounder (WASSP is not affected).
- Fixed an issue that was preventing tracks from AIS or ARPA to appear in the track list after the target was lost.
- Fixed an issue preventing to export TZD files when tracks with only one point were recorded in the database.

## V3.3.0.40 (Build 2.12.1231.12)

- Added compatibility with the Furuno AIS FA170 MKD (sending text message and adjusting voyage data) when connected via the network (outputting ABM and VSD sentence over UDP port 10021).
- Fixed a bug that would prevent PBG tiles to be rendered (creating a white tile) when having lots of user data and imported data (when the grid was full).
- Added a validation to the AXIS Camera username and password (invalid characters would cause TimeZero to not be able to connect to the camera).
- Added an option (under the advanced initial setup option) to increase the NMEA log duration (in order to remove the 1H time limit).

## V3.3.0.39 (Build 2.12.1224.12)

- Compatibility with the new ActiveCaptain API (Garmin account).
- Fixed an issue with mono lens FLIR M-Series (1st Generation) causing repeating "Control Lost" messages.
- Fixed an issue that could cause a "freeze" of the DFF-3D Multibeam sounder when TimeZero was started. In some circumstance, a bad ethernet packet was being sent by TimeZero upon startup. This issue could cause the DFF-3D to disappear from the network (DFF-3D had to be restarted).
- Fixed an issue with importing some data (Olex) when the name of the object (mark, track…) contained a non-supported character. The non-supported character is replaced by "?".
- Fixed an issue that would prevent to select "SOG" (Speed over ground) as a dynamic color for the track.
- Fixed an issue that could cause a crash at startup on some computer that had previously installed an old version of SQL (error "Unable to load DLL 'SqlServerSpatial110.dll').

## V3.3.0.28 (Build 2.12.1204)

- Fixed an issue that could cause a crash when displaying some Tide stations.
- Fixed an issue with the DNC & AML chart property window (that was missing some object information).
- Fixed an issue that prevented Olex files to import on Spanish OS.
- Fixed an issue with the automatic event recording that was creating two marks (instead of one).
- Improved the TZ Shell that will wait for 10 seconds before shutting down the computer (after exiting TimeZero).
- Fixed an issue with screenshot when the DPI of the screen was not set to "normal" or 100%.
- The Screenshot tool was added to the various Multibeam WorkSpaces (for DFF3D and WASSP G3).
- Improved FAR3xx0 support. The radar is now detected automatically and there is no need to force the detection anymore. Also, some minor bugs were fixed.
- Improved FLIR M400 support. An external AXIS IP encoder is no longer required to get the video from the FLIR M400. TimeZero can use the M400 integrated video encoder (H264) providing both control and picture with a single Ethernet cable. The video resolution of the M400 (especially the Visible Lens) is greatly improved (HD instead of SD).

## V3.3.0.23 (Build 2.12.1191)

- Fixed an issue that would prevent TimeZero to display the total fuel flow in the NavData when one device on the NMEA2000 bus would send empty fuel flow data (even if other devices on the same bus would send valid fuel flow data).
- Fixed an issue that would prevent the DFF3D to output depth information (through the NavNet NMEA Port) when it was directly connected to the software.
- Fixed an issue that would cause all NMEA0183 sentences to be selected in the Connection Wizard after upgrading TimeZero from an old version (v1 or v2 to v3) and when one output was previously configured in the old version. This issue could cause erratic

behavior, especially after activating a route. This issue would cause the software to be sluggish and display GPS alarm on some PC due to the COM port that was overflooded with data.

*Note: If the software was already upgraded to V3, you will have to clear the I/O preferences to fix the bug. This minor release only fixes issue for software that were not yet upgraded to V3.*

- Compatibility with WASSP Generation 2 Survey (WMB-3250) is back! Due to an API difference in between WASSP Generation 2 Fishing and WASSP Generation 2 Survey, the Survey version was not compatible with TZ Professional v3.2. This new version of TZ Professional adds a new setting under the "Multibeam" Options that allow you to select "WMB-3250".
- Support for the new Marine Traffic API (HTTPS). This version will be mandatory when Marine Traffic switch their API to only support HTTPS on 2018/10/15.
- Improved Marine Traffic integration. It is now possible to change the API key from the target menu. A small bug preventing the target to refresh when the user was zoomed in a lot on the chart was also corrected.
- Fixed an issue that would prevent TimeZero to be displayed full screen at startup with some multi-monitor configuration.
- Fixed an issue that would cause the Time Bar markers (in the Planning WorkSpace) to not properly update when changing the route departure time or when adjusting a layover.
- Fixed an issue that would prevent deleted Active Captain markers to be synchronized in TimeZero (markers that are deleted online will also be deleted in TimeZero).
- Improved support of Olex layer name (when importing Olex marks/tracks/boundaries).
- Fixed an issue that would cause a hidden layer to become visible when a track was send to that layer.
- New feature allowing a customer to import objects that are at the same position (could be useful when importing old PTF files that might have multiple type of objects at the same location).
- Added WASSP RTK Tide Management support (WASSP Generation 3).
- Fixed an issue that would display low resolution currents in the Tide and Current NavData instead of the high-resolution currents purchased by the user.
- Fixed an issue that would display a "Camera Video Lost" alarm for a moment when starting the software or when adding/editing a camera.
- Improved memory management when importing a TZD file (this should resolve some issues when large TZD files are imported).
- Fixed an issue that would cause a crash when the "PBG" Options were displayed in Home Planning mode.
- Fixed an issue with POSREPORT that would not work on Spanish OS when the "CLS Format" is used.
- Improvements to the French and Russian translations.

## V3.3.0.12 (Build 2.12.1158)

- Initial v3.3 TZ Professional Release (see bulletin for information)

## V3.2.0.31 (Build 2.12.1104)

- Added Furuno DRS6A-NXT Radar compatibility
- GRIB file containing missing wave direction information (only height), can be displayed in color in TimeZero (previously, wave data was not displayed at all, even if the height data was available)
- Fixed an issue that would prevent the user to Export/Import TZD or Collection files with some regional language settings ("Code Page" error)
- Improved the Divider label position. It is now displayed on the middle of the portion visible on screen
- Improved the Manual SAR Route creation. TimeZero will now center on the route after it has been created
- Fixed overlapping text in the Depth NavData in between the depth value and its reference indication ("S" or "K")
- Fixed an issue that could prevent TimeZero to decode the NMEA2000 data feed (with Actisense NGT1) after an error injects itself in the stream. Now, TimeZero will properly resynchronize the NMEA2000 data stream
- Netherlands translation improved
- Fixed an issue that could lead to unexpected result when extending a route
- Fixed an issue preventing TimeZero to detect WASSP properly if an output was configured in the Connection Wizard prior to configure the WASSP input
- Fixed an issue that could cause a "noisy radar picture" and lead to too many false ARPA plot detection (causing a "Maximum ARPA Plots Reached" alarm)
- Added capability to highlight S57/S63 chart features from the "Chart Object Property" window
- Removed unused file (Dwg2Dxf) that could trigger anti-virus during the installation of TimeZero
- Fixed an issue preventing the camera to track automatically a Man Over Board (MOB) when the corresponding option is enabled from the Camera Options
- Fixed a crash that could happen when viewing some Tides (Grand Cayman Tide Station)
- Added capability to import Olex Marks/Boundaries/Tracks/Routes in TimeZero
- Improved "NavNet Mode" indication in the NavNet Options (will now refresh dynamically)

- Improved Sodena TurboWin file import (adding better handling of junk characters in file name)
- Fixed an NMEA0183 Auto-Pilot issue that could cause some pilots to trigger an alarm when switching waypoint (because TZ was sometimes sending a faulty sentence when switching waypoint)
- Fixed an issue with some multi-monitors configuration preventing TimeZero to initialize 3 screens

## V3.2.0.25 (Build 2.12.1074)

- Fixed a memory leak that would cause TimeZero to hang or crash after a long period of time when the contour line tool (red/green) was used in some specific conditions
- Fixed a crash that could happen when recalling a Track over a long distance
- Fixed an issue with WASSP Generation 1 (WMB160 & WMB80) that would cause a notification to appear by mistake ("Multibeam Sonar Disconnection Alarm") when the boat was not moving or when in deep water (when WASSP Bathymetric data was sent with a refresh rate below 1.5 seconds)
- Fixed an issue that would prevent TimeZero to reconnect to WASSP Gen1/Gen2 automatically after network interruption (when the TCP port was lost)
- Fixed an issue that would prevent TimeZero to accept data from WASSP Generation 2 when the WASSP processor (Computer) was left running for multiple days
- Fixed an issue that would prevent the Delete PBG tool to erase single beam (regular) PBG when WASSP data was also present in the database. Now, the Delete PBG Tool will properly erase both single beam and multi beam (WASSP) data

## V3.2.0.23 (Build 2.12.1070)

- Fixed a major issue preventing S63 (encrypted) charts to be displayed on screen (does not impact S57 charts)
- Reversed the name and comment fields when importing marks, lines, tracks and areas from Sodena TurboWin files. Note that users will have to re-import the data to correct this issue
- Fixed an issue that would cause the Tides NavData to not update its value in some cases
- Small improvements to French translation

## V3.2.0.22 (Build 2.12.1063)

- Fixed an issue that would delete the Custom WorkSpace when upgrading from TZ Professional v3.1 (forcing the user to reconfigure the custom WorkSpace manually)
- Fixed the detection type of Insight (Koden) Radar. This issue prevented the user to access the Insight Radar Presets and other settings specific to the InSight (Koden) Radar
- Improved the NavData Wizard display (allowing the user to add a NavData) when the lists are opened
- Fixed a crash that could happen in the Camera configuration window when an invalid port number was entered
- Fixed a memory leak that could potentially cause a crash (out of memory) after running the software continuously for multiple days
- Fixed an issue that caused the tool-tip to appear over the profile window (masking its content)

## V3.2.0.21 (Build 2.12.1061)

- Initial v3.2 Professional Release (see bulletin below for information)
**TZ Professional v3.2 Release Bulletin** (https://gallery.mailchimp.com/5e1e45fcf7ea825628ee8c764/files/e4a1d2fc-9d78-40ff-8aab-8063715fa19a/TZ_Professional_V3.2_Bulletin_EN_1_.pdf?utm_source=NOBELTEC+-+Dealers+List&utm_campaign=40ccab2b67-ANNONCE+-+ANNONCE+-+Regardez+notre+vid%C3%A9o+de+TZ+Na&utm_medium=email&utm_term=0_eac2ff7b75-40ccab2b67-87358969&ct=t(TZ_PRO_v3_Minor_Upgrade_MAXSEA_FR5_20_2016)&mc_cid=40ccab2b67&mc_eid=a76900c39a)

## V3.1.0.31 (Build 2.12.946)

- Fixed an issue preventing ARPA targets (from a Furuno DRS radar) to display COG/SOG vector
- Fixed an issue with Tidal Current indication in tooltip (was always displaying "0" on some currents)
- Fixed a small issue when upgrading from an old TIMEZERO version. The old Tide NavData (when configured in previous version) was not upgraded to the new style (mini-graph)
- Improved the WorkSpace selection. With previous version, it could be difficult to select a WorkSpace in a bouncy environment
- Removed "Move" cursor icon when hovering cursor over WorkSpace. It is now displayed only when customer drag the WorkSpace to re-order it.
- Removed the "Date" title inside the Date & Time NavData (to save some space)
- Adding back the time information on the NavData header
- Fixed a Crash that could occur when editing WorkSpace (if a UAC was triggered at the same time)

- Fixed an issue with the depth shading scale of the Fishing WorkSpace when the depth range (difference in between maximum and minimum value) was very small (equal or less than 1 unit)
- Fixed an issue that would prevent the name of tidal current to appear in the Route Detail list when manually assigned

## V3.1.0.27 (Build 2.12.920)

- Initial v3.1 Professional Release (see bulletin below for information)
**TZ Professional v3.1 Release Bulletin** (https://cdn2.hubspot.net/hubfs/178782/TZ%20Professional%20V3.1%20Bulletin%20EN.pdf)

## V3.0.0.94 (Build 2.12.538)

- Fixed a problem that would cause the Position to be lost when receiving the GSA sentence without the GSV sentence
- Fixed a problem that could cause the software to crash with very small VMC (Velocity Made Course) value
- Fixed a problem that could cause missing PBG tiles (empty square) when having lots of imported data in a specific area (when a PBG tile become totally full)
- Fixed a crash caused by Loran/Toran unit on the Weather Update wizard page
- The Route Safety and Anti-Grounding cone will no longer display a warning related to vector chart (missing vector chart details) if the user is only using Raster charts and unchecked all vector charts objects from the Route Safety configuration in the "Routes" Options
- Fixed an issue with the route safety & XTE lines that caused them to be displayed in the Radar WorkSpace when the route was hidden.
- Fixed an issue with the Active Route column that would prevent the speed to automatically update (from the sensor) even without speed constraint (when the customer did not modify manually the speed)
- Fixed an issue that could prevent the Anchor Alarm to be displayed on the chart
- Changed the way the user can link two routes. Right click must be used (instead of left click) to prevent the customer to accidentally link two routes
- Fixed an issue preventing PTF files containing marks with incorrect depth to be properly imported in TimeZero
- Fixed a problem when inserting lots of waypoint in a route (20 or more) using the right click on a leg
- Fixed a crash that could happen when bringing back a computer from a lock screen (or sleep mode) when the Depth Profile window is displayed.
- Updated internal Chart Catalog information
- Fixed crash that would happen when attempting to save a Polar File set in read only mode.
- Fixed an issue that would cause a crash when adding a column in the polar file with an angle superior to 180
- Fixed an issue that would cause the Chart Scale in some specific languages/regions to not be formatted properly

## V3.0.0.92 (Build 2.12.532)

- Fixed a problem with PERMIT.TXT file (S63) issued by the Chilean HO and adding compatibility with third party certificate using ".CRT" extension (in addition to the official ".PUB")
- Fixed an issue that caused the Route Safety indication (green/red) to mask the Radar echo on the Radar display
- Improved the way GRIB file are unzipped (could fail on some OS with specific regional settings)
- Added "127.0.0.1" (localhost) as an option for the Network Repeater feature (useful when you want to repeat the data to a third party software on the same computer)
- Ability to setup an UDP internal port number independent from the external UDP port number (for advanced configuration only). Useful when two software on the same computer need to access the same UDP port at the same time.
- Fixed a Crash in the Chart Catalog when attempting to sort by the "Action" column
- Improved MarineTraffic error dialog that now displays more information (for example, when the subscription expires)

## V3.0.0.90 (Build 2.12.522)

- Small Installer Improvements

## V3.0.0.88 (Build 2.12.522)

- Fixed bug where boundaries (circle, polygon and line) were hidden behind Weather displayed in color
- Fixed the date output field of TimeZero (that was stuck to 1/1/2016) when RMC was not set as an input

## V3.0.0.75 (Build 2.12.517)

- Fixed BackScatter display with WASSP Generation 1 (WMB-160F / WMB-80F)
- Improved French User Guide
- Added the "Delete" tool in Fishing WorkSpace.
- Fixed a crash when a user was selecting a custom AIS color from the AIS Directory.
- Reduce the latency at which TimeZero sends Heading to the Radar (for "PC Radar" system). This improves the ARPA and Echo Trail processing.
- Fix a problem with some PERMIT.TXT file (S63 Charts) delivered by ChartWorld.
- Improve the error message when trying to import Admiralty Overlay Information as S63 data (not supported by TimeZero).
- Big performance optimization when customer has lots of tracks and receives targets (AIS or ARPA).
- Fix unidentified crash that may appear in specific situation related to cursor data and vessel data with null value.
- Improve TimeZero startup time (especially when lots of charts are installed).
- Replace the space character by "%20" in weather files that are requested by email (to improve compatibility with some Satellite Email provider).
- Fix a problem that would systematically ask the user to enter a name when an event is created automatically or received from an external sounder (TLL sentence).
- Fix a problem that can happen when upgrading a previous version setup as a PC Radar solution (standalone DRS). In this case the Connection Wizard could crash and data may not be outputted properly.
- Fix a problem that can cause a crash when pressing the "Copy Info" button of the Import Wizard result page (when the result is empty).
- Add protection in TimeZero to prevent a crash when WASSP is sending data with missing information in the data feed.
- Improve error log report.

## V3.0.0.63 (Build 2.12.500)

- Fixe a memory leak that happens when a camera is set to track an object or target.
- Reduce the amount of memory used when upgrading very large PBG database from previous version (that could hang the software and cause an "Out of Memory" error).
- Fix a problem with Furuno Ethernet Sounders related to the range shift parameters of the Sounder Options (that was only occurring on the HF picture).
- Fix a rare problem that could occur during Marks and Routes database upgrade (when upgrading from old version of TimeZero).
- Fix a small issue in the Spanish translation.
- Fix various typos in the English User Guide.
- Improve the French User Guide.

## V3.0.0.62 (Build 2.12.498)

- Initial v3.0 Professional Release (see bulletin for information).