

# IF-NMEA2K2 Software History

**V1.16 Software** \* New – Compatibility with Optimus steering systems by SeaStar Solutions (*requires Navpilot 700 series software to be v1.27 or better. Optimus PCM requires Rev T or better. IF-NMEA2k2 must be setup to High Speed mode for Optimus.*)

**V1.09 Software** \*Improved - TTL input allowed from more talkers  
(previously only SD)

**V1.08 Software** Not Released

**V1.07 Software** Units shipped after June 1<sup>st</sup> 2015

\* **New**: BFT mode added. Blue Force Tracking (BFT) is a solution used in the US by the US Coast Guard (USCG) to identify a certain group of AIS targets. When a third-party AIS transponder transmits a proprietary VDM sentence exclusively used for BFT, the received BFT targets will be displayed in blue. With the TZT9/14/BB v4.01 in combination with IF-NMEA2K2 v1.07, BFT targets can be indicated on the Plotter and Radar screens.

\* **New**: Yanmar engine (8L) interface.

**V1.06 Software** Not released

**V1.05 Software** Not released

**V1.04 Software** Units shipped after January 1<sup>st</sup> 2014

Changed: The talker ID was changed from II to GP, except for AIS sentences which stayed at AI. This change was made to make the IF-NMEA2K2 more compatible.

Some equipment would not accept II as a talker ID. **v1.03 Software** Units shipped after June 13 2013

\* **New**: RMC conversion added in AIS mode. IF-NMEA2K2 will now simultaneously transmit an RMC sentence while receiving VDM/VDO/DSC/DSE sentences. This allows one single IF-NMEA2K2 to be used for VHF Radios that have integrated AIS Receivers. The radio will receive position, speed and course information while sending AIS target information to the TZtouch MFD network.

\* New: Zeus mode added. At the end of a route, Zeus drives need to receive a null (“, ,”) in the RMB XTE field. This output is available in a combination of the TZT9/14/BB v3.01 and IF-NMEA2K2 v1.03

\* New: APB NMEA0183 sentence added. IF-NMEA2K2 will now convert for an APB sentence when receiving the required NMEA2000 sentences

\* Fixed: Bug in converting MWD sentence to PGN130306 solved

\* Fixed: Waypoint name converted for network between TZT9/14/BB v3.01 and NAVpilot-500. The NAVpilot-500 requires a waypoint name even for a temporary waypoint. In the network of “TZT9/14/BB v3.01 – IF-NMEA2K2 v1.03 – NAVpilot500”, a route with waypoints is properly transferred to the NAVpilot-500 via the IF-NMEA2K2 for NAV mode.

### **Ver 1.01 software (initial version)**