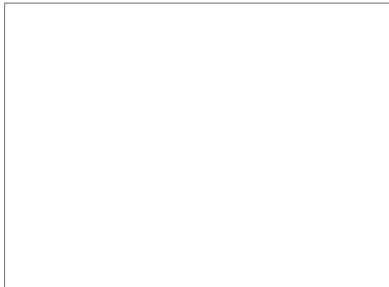




**No. ESTB1204 / 21st February 2012**

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## **New Tillerpilot Versions**

**Product:** TP10, TP22, TP32  
**Software Version:** **1.1.00.04**  
**Effective Date:** Jan 2012  
**Update Logistic Center Stock:** **NO** (Replacement Models)  
**Update Distributor Stock:** No

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Dear Colleague,

Simrad-Yachting are pleased to announce new versions of the Simrad Tillerpilot range. These products are direct replacements to the existing versions with upgraded internal components and updated software. Part numbers remain the same.

The following changes in operation and functionality should be noted:

- New Tillerpilots now incorporate an updated adaptive steering algorithm (adopted from AC12 Autopilot computer). Older tillerpilot product operated with a fixed rudder turn algorithm.
- In Standby mode, if the user presses port/starboard keys to manually move the tiller/rod, the appropriate red or green LED light will simply remain solid while the button is held versus the old flashing LED operation described in the manual.
- Gain adjust has become Response control, which incorporates adjustment of Rudder (Gain), Counter rudder and Seastate (dead band).
- The Seastate filter (dead band) option has been changed to a simple On/Off toggle versus the previous 9 levels described in the manual. In calibration mode, the seastate filter is "ON" if there is one beep/flash and "OFF" if there are two beeps or flashes. When set to "ON", Seastate adjustment is part of above described Response control. (High Response setting gives small dead band and vice versa.)
- TP22 and TP32 now reports more information to the SimNet/NMEA2000 network:
  - Heading/Heading Reference
  - Course to Steer
  - Commanded Rudder Angle

- Rudder Angle

Providing appropriate input data, will also output:

- True wind speed/angle
- Wind direction
- Bearing to waypoint, Page 2 of 2
- TP22 and TP32 Tillerpilots are now compatible with Simrad autopilot control heads. This allows the TP22 and TP32 to be controlled via AP24, AP28 control heads and Simrad NS navigation systems.

(\*Note: Although this functionality is available with this tillerpivot release, the AP24, AP28 and NS Navigation systems are not fully configured for tillerpilots. The basic operation is fully functional, however some menu items like rudder calibration may still "show up" in the control head although they have no function for a tillerpivot.)

- TP Software upgrades are now done via SimNet/ST10 SWUP Tool

New version Tiller pilots are available for the following serial numbers:

- TP10: from s/n 27064
- TP22: from s/n 054210
- TP32: from s/n 065482

**Note:** *It is not possible to upgrade an older version Tiller pilot to the new version*