Ferry Mode on NavNet TZtouch2/3

NAVnet

TZ touch 2 TZ touch 3

FURUNO

Ferry Mode

The TZT12F/16F/19F as well as TZTL12F/15F/TZT2BB v7.01 in combination with a DRS series Radar sensor and a compatible SATELLITE COMPASS such as the SCX-20, SC-33, and SC30 can take advantage of the Ferry Mode. On shuttle ferries with one Radar and one heading source, the heading output from an SCX-20, SC-33, or SC30, as well as Radar heading of the sourced DRS, is offset by 180° when pressing an external event switch connected to the MFD.

Target Boat Types

Simplified double ended ferries with one Radar and compass on top, such as road ferries, are the main target of this function.

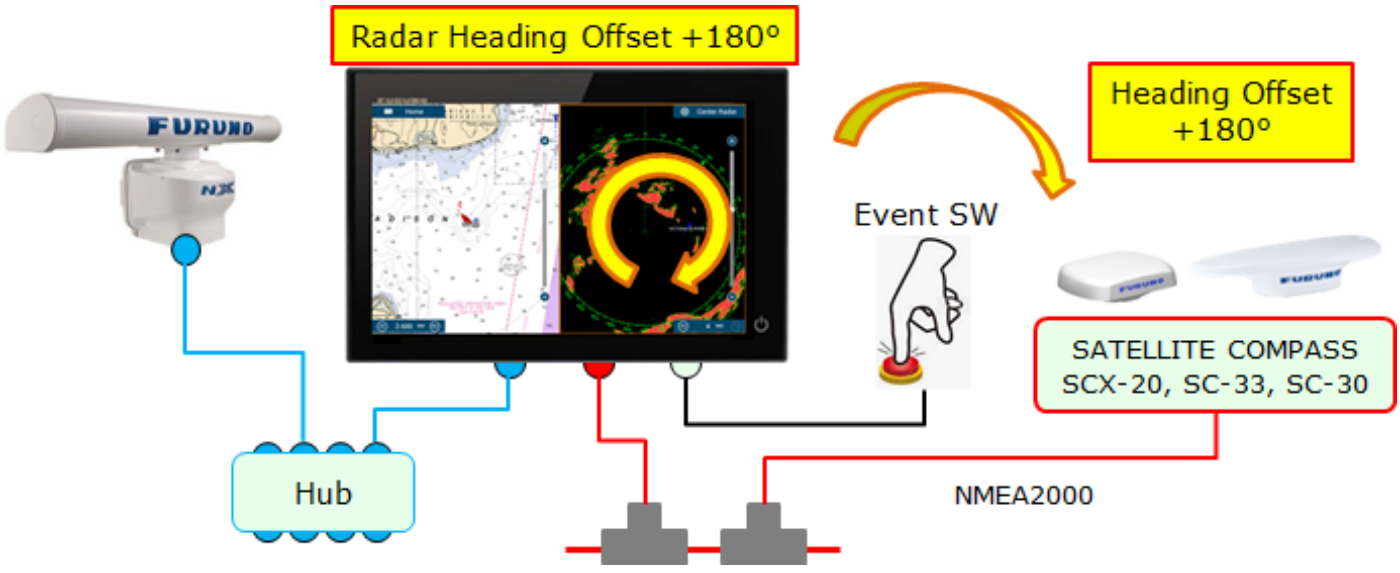
Compatible Sensors

The process of output heading offset utilizes the NMEA2000 standard PGN**: 126208 (Command Group Function)** to send a command to a compatible SATELLITE COMPASS and **proprietary PGN: 130818** to edit the heading offset value. The SCX-20, SC-33, and SC30 support these PGNs. Any DRS Radar sensor compatible with the TZT12F/16F/19F can be used as the Radar sensor.

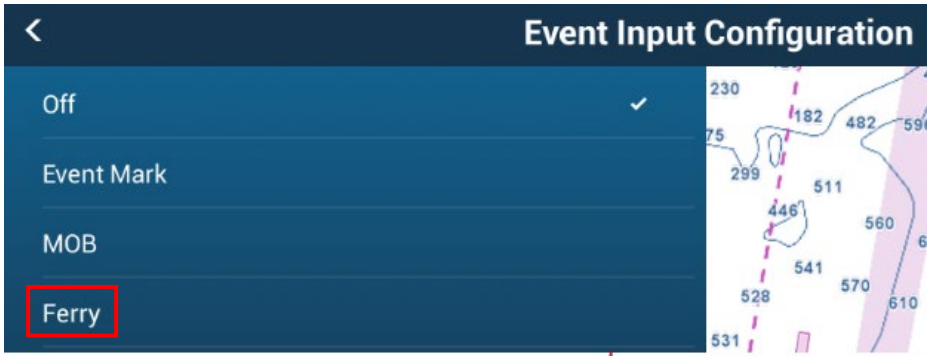
SATELLITE COMPASS	SCX-20, SC-33, and SC-30 (discontinued)
Radar Sensor	DRS2D/4D/4A/6A/12A/25A, DRS4D-/6A-/12A-/25A-NXT, and DRS6A/12A/25A X-Class

Interconnection and Setup

(1) Network the TZT12F/16F/19F with DRS series via Ethernet and SCX-20 or SC-33/30 via NMEA2000.
(2) Connect an external switch to the TZT12F/16F/19F, or TZtouch2 MFD.



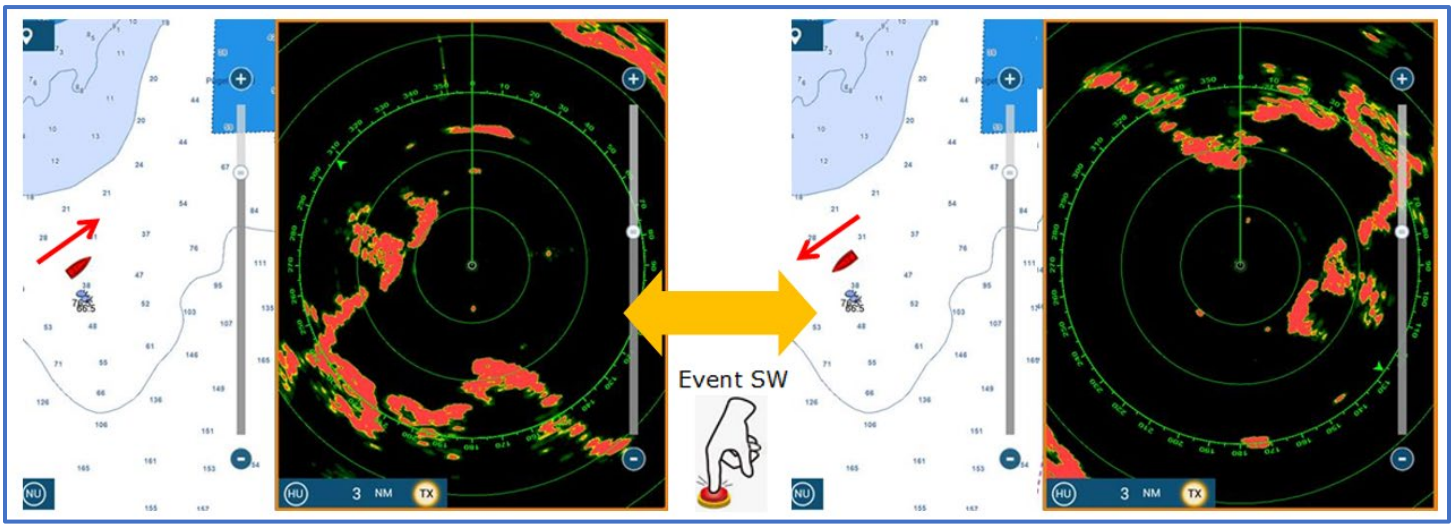
(3) On the TZT12F/16F/19F, or TZtouch2, access [Settings] – [Initial Setup] – [Event Input Configuration] and select [**Ferry**].



(4) Select one of the Radar Sensors as the Radar source and adjust the Radar heading to show echoes in the proper location.

How It Works

(1) When the boat steers in one direction, use the Radar and Plotter as it is.
(2) When the boat steers in the opposite direction, press the event switch. The TZT12F/16F/19F will then send an offset command to the SCX-20, SC-33 or SC30 to offset the heading output by 180°, while changing the Radar heading line by 180°.
You can see that the Radar echo as well as own ship icon on the Plotter are offset by 180°.



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