Simrad PX Configurator

Software Release Note 24.9.x

KONGSBERG

Introduction

This document describes the changes introduced with the new software version.

- **Product**: PX Configurator
- **Software version**: 24.9.x
- **Upgrade from version**: 24.7.x

This software controls all functionality in the PX Configurator system.

The purpose of the PX Configurator software is to set up Simrad's PX and TP PxPos family sensors, define or change their main operational parameters and, if applicable, unlock more measurements.

Software changes

This software update solves a number of software bugs that have been reported by our users, or detected during our own product testing. New functionality is also introduced.

New functionality

- The new PX miniDepth sensor can now be configured by means of the PX Configurator. This sensor can be configured to transmit PI Depth to a PI Receiver such as PI50 or PI60, or PX Depth, Temperature, Battery to a SR Receiver.

- The PX miniCatch can be programmed to transmit to a SR receiver, such as SR15 or SR70, while simultaneously using the **Advanced** menu, be set to transmit in parallel to a PI receiver such as PI50 or PI60. In TV80 24.6 and previous PX Configurator versions, this did not work correctly when having PX MultiCatch in the sensor list as well.

- The PX miniCatch with sensor MCU version higher than 4.00 can now be configured not to transmit acoustically until the sensor reaches a depth of 5 m.

- The PX miniCatch sensor can now be configured with Extended Deployment mode. This mode gives you longer battery life without the normal trade-off of longer update interval. By means of *Extended Deployment* mode, you get information with fast reporting interval when Catch is triggered, or when no Catch is triggered, with less often updates.

- In the PX Flow configurator, Cells 3 and 4 have been added to the PX Flow configurator.

Improvements

- Improved check of configuration by verifying configuration stored in sensor after it was programmed.

- Improvement in verification of programmed data.

Bug fixes

- Solved problem with activating PX miniCatch PI in Parallel.

- Solved problem with activating Depth Activation in PX miniDepth.

Known issues

Certain software issues related to the Simrad PX Configurator are known. Issues in the PX Configurator software will be corrected in future upgrades.

Language issues

- Some functions, dialog boxes and/or other parameters may not be translated to all the available languages.

- The context sensitive on-line help is not yet available.

Sensors and receiver bugs

- If you select **Auto** type when configuring a PX sensor, the PX Configurator software automatically identifies the type of sensor being configured. In this version, sometimes this feature wrongly identifies other types of sensor as PX TrawlEye. This results in an error stating that the sensor cannot be read. If this error pops up, instead of **Auto**, select the specific type of sensor you want to configure.

- If you have a PX MultiSensor Mk2 (with sw 1.00 or older) placed on the clump in a twin gear, and you use PI50 or PI60 Receiver Units, the first geometry measurement may not work.

  See:

Do I need to upgrade?

This is an important update. With the new functionality provided, it will add value to your installation.

In order to make the most of all the gear monitoring sensors, an upgrade is necessary.

End-user documentation

The end user documentation and online help for the PX Configurator system is not updated with the latest software release.

Software licenses

The Simrad PX Configurator is not a licensed product.

Software installation

When a new software version is released for the PX Configurator system it must be installed on your computer.

A dedicated wizard is used to install the software. Installation of additional operating system components may be required. These are installed automatically. Observe the information offered in the wizard.

If you have a preliminary ("Beta") software version installed, it must be removed before you can update. Use the operating system functionality to remove the old software version.

Anyone can download the software from:

- https://www.kongsberg.com/px

Note

You may need to change the settings in the Windows® firewall on the PX Configurator computer. For more information, refer to the PX Configurator Reference Manual and/or the PX Configurator On-line help.

Fixing the geometry remote functions of a PX MultiSensor Mk2 when located on the clump

The geometry remote function selected first in the list of remote functions will not work when configuring a PX MultiSensor Mk2 (software version 1.00 or older) if located on the clump in a twin trawl gear and a PI50 or PI60 Receiver Unit selected. The same bug is applied when setting up the PX MultiSensor Mk2 (software version 1.00 or older) as a geometry remote of a PX TrawlEye.

Context

To fix this, you need to configure your PX MultiSensor to interface an SR Receiver Unit by means of the PX Configurator.

Procedure

1 Connect the relevant PX sensor to your computer by means of the Configurator cable.

2 In the **PX Configurator** start dialog box select the relevant sensor and COM Port.

3 Select **SR15/SR70 Receiver**.

4 Once you have defined the settings and measurements, select **Program Sensor** to apply them to the sensor you are configuring.

Minimum computer requirements

Although a computer can be ordered from Kongsberg Maritime as a part of the PX Configurator system delivery, it is also possible to purchase one locally.

If you purchase a computer locally, make sure that the chosen model meets the functional and technical requirements.

It is important that the chosen computer model is relatively new with sufficient processing power, a high performance graphics adapter, and a high speed Ethernet adapter.

The computer must be able to facilitate the various interface requirements made by the PX Configurator system, and you may need to add extra Ethernet and/or serial adapters.

Note

The computer design and construction must allow for maritime use. The computer design and construction must allow for maritime use. Easy access to connectors, parts and cables must be provided. Make sure that the installation method allows for the physical vibration, movements and forces normally experienced on a vessel.

The minimum technical requirements are:

- **Microprocessor**: 1.7 GHz, Intel Core i7

- **Memory**: minimum 8 GB

- **Hard disk**: minimum 512 GB

- **Network interface**: 10/100/1000 Mbps

- **Operating system**: The PX Configurator software has been designed for Windows 10 (64-bit). It will also work on 32-bit systems. Windows 7 is also supported.