



The PX InSight sensor selecting tool generates a 3D image of the trawl

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Kongsberg Maritime (Simrad): New Free App Simplifies Simrad PX Trawl Monitoring Configuration

Kongsberg Maritime has developed a new free Windows® app designed to support distributors, dealers and end-users in creating a cost-effective PX MultiSensor package that delivers optimal performance for single or double trawls. The PX InSight sensor selecting tool generates a 3D image of the trawl with recommended sensors and positions based on the information and measurements the user requires from the trawl monitoring system. The app is available for download now at <https://www.simrad.com/insight>.

PX InSight simplifies the complex process of configuring a PX MultiSensor network on single and double trawls. Because PX MultiSensors can make several measurements simultaneously, the assistance provided by PX InSight helps to ensure the correct number of sensors are ordered, and that they are positioned correctly on the trawl, to ensure the desired data can be made available.

PX InSight works by creating the most effective configuration of PX MultiSensor according to the size of the trawl and the information (measurements) the crew needs to ensure optimal catch performance. It features an intuitive user interface that requires only minimal information to generate a complete 3D diagram of a single or double trawl, which can then be exported to BMP or PDF formats in addition to providing a list of required sensors, with order numbers, in Microsoft® Excel format.

The detailed diagrams produced by PX InSight provide a wealth of information including optimal locations for each sensor. The system also provides a clear overview of the direction the sensor is pointing, in addition to the orientation of each sensor in context of communicating with the system as a whole. The graphical representation can be easily imported to presentations and sales proposals, making it an ideal tool for Simrad dealers to demonstrate the proposed trawl monitoring configuration. The system is also expected to become a useful tool for Simrad end-user customers.

Simrad PX MultiSensors are innovative multifunction sensors for use with Simrad PI catch monitoring systems. They provide a combination of two readings from Pitch, Roll, Spread, Height, Depth or Geometry, all of which are user programmable. The sensors are available in two different types, Down & Side (DS) and Down & Front (DF) and with different readings available, PX InSight significantly reduces the complexity of optimal configuration of the trawl monitoring system.

“We developed the PX InSight app to take the mystery out of choosing the right combination of PX sensors and to enable them to be configured and used in a smart way,” said Mads Dahl, Director of Sales & Marketing, Kongsberg Maritime Fishery/Simrad. “Considering the multifunction aspect of the PX MultiSensor range, achieving an optimal configuration can take time, but if PX InSight is used, you can easily build-up the most effective sensor package to meet any specific trawl monitoring requirements.”

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 20 countries and a total of 65 worldwide offices.

Kongsberg Maritime developed systems for vessels cover all aspects of automation, control, navigation, safety and dynamic positioning. Kongsberg Maritime also develops subsea solutions covering systems for Underwater Mapping (UMAP), Underwater Navigation (UNAV), Subsea Monitoring (SUMO) and Marine Robotics in addition underwater cameras.

Marine and offshore training simulators, LNG equipment, information management software, position reference systems, integrated aquaculture technology and advanced products to support seismic and drilling operations are also part of the company's diverse portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

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