

New 4K Displays Enable Cutting-Edge Multi-Data Fishing Vessel Bridge Solution from Furuno Norway

Newbuild Danish trawler 'Gitte Henning' first to benefit from large-format, ultra high definition bridge display innovation

Aksdal, Norway, 13 February 2018 – Hatteland Display, the leading global provider of display and computer solutions for professional maritime use has completed delivery of six state-of-the-art Series X 55" Ultra High Definition floor stand maritime display systems for integration on the bridge of a new Danish flagged fishing vessel. The type approved displays will be deployed as part of a custom Furuno Norway Monitor Steering (FNMS) system to be installed by Furuno Norway on the large pelagic midwater trawler/purse seiner Gitte Henning, being built by Kleven Verft in Ulsteinvik, Norway.

The FNMS system is a new bridge concept designed to deliver high flexibility to meet the specific navigation and vessel operational needs of fishing vessel skippers. Based on the use of large maritime displays with multi-data input, it can be configured to fit any bridge or wheelhouse. In addition to the six Series X 55" Ultra High Definition floor stand maritime displays, Furuno Norway's solution for the Gitte Henning uses six 26" displays and 27 24" models from Hatteland Display. This combination enables data output from 40 different sources to be displayed on multiple screens, all of which are positioned to be easily viewable from anywhere on the bridge.

With flexible inputs, all Series X 55" Ultra High Definition maritime displays can accept data from any source including hydroacoustic instruments such as echo sounders and sonars, navigation and automation systems, and winches and trawl monitoring equipment, ensuring safe operations and helping to maximise catching efficiency on board. The data display is highly configurable by the user, with the complete layout of all displays shown on an interactive touchscreen. From here, signal sources can be assigned to any display, providing high flexibility for all situations and operations. The FNMS also introduces a new way of collaborating with colleagues on shore, by enabling specific data to be sent over satcom for further analysis.

"Hatteland Display's new large format 4K Series X displays are enabling a new approach to bridge system development by providing a platform for multi-data display on single screens," said Trond Strømmen, CEO Furuno Norway. *"While multi-data on a single bridge display is not a new concept, only large screens with 4K resolutions can guarantee high readability in all light conditions, and at a distance. Furuno Norway's take on this new approach to bridge operations is highly flexible, with the ability to integrate an unlimited number of new displays in the system, according to our customers' needs."*

As the largest standalone, Type Approved 4K resolution display system for bridge applications, Series X 55" models are designed to open up new possibilities for safer and more efficient navigation and control. Featuring the most screen space available of any maritime display, they enable system integrators like Furuno Norway to develop multi-data interfaces that ensure users have access to everything they need from diverse sensors and control systems all in one place.

With Ultra High Definition 4K resolution providing unmatched clarity and premium panel technology delivering high brightness and contrast, systems integrators, Integrated Bridge System and ECDIS manufacturers, and Electronic Navigation Chart (ENC) producers can further develop their solutions with enhanced interfaces providing more detail and functionality for navigators. These sophisticated displays are a strong foundation for new approaches to ergonomics and user-friendliness on maritime bridges, supporting navigators to improve safety and voyage planning and skippers to ensure safe operations at all times.

"We're pleased to see our long-term partner Furuno Norway leading the way in innovative new bridge system designs by leveraging our state-of-the-art new display technologies," said Trond K. Johannessen, President and CEO, Hatteland Display.

Ends



Six Series X 55" Ultra High Definition Floor Stand displays have been delivered to Furuno Norway for use on the Danish fishing vessel, Gitte Henning

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--- **About Hatteland Display** ---

Based at a brand-new HQ in Akdsal, Norway, Hatteland Display is the leading global provider of display and computer solutions for professional maritime use. Its products are used for navigation, automation, positioning, monitoring etc, and are delivered to system integrators worldwide. The company has approximately 150 employees with offices in Norway, Germany, France, USA as well as agents in Asia, Australia, Canada, Russia and USA. For 2015, the company reported revenues just under NOK 400 million. See www.hatteland-display.com for more information.

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