

Dual Channel Navigation Radar System

Northrop Grumman Corporation's™ Sperry Marine business unit has introduced a new multi-mode navigation radar system for commercial ships, designed to enhance the radar operator's™ situational awareness, particularly in inclement weather, without having to constantly switch between different radar screens. The new BridgeMaster E radar system incorporates a design that permits radar video from two different transceivers to be mixed and displayed simultaneously, presenting a seamless single integrated picture to the radar operator. The system allows the radar antennas to be located several hundred meters apart and to have totally asynchronous rotation speeds, as well as to operate in different frequency bands. The display will also allow the picture to be switched between X-band and S-band without loss of important video trail history. The control of both transceivers can be performed from a single display.

<https://www.hydro-international.com/content/news/dual-channel-navigation-radar-system>
