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FURUNO RAISES THE BAR WITH NEW BLACK BOX RADAR SERIES

Furuno, the originator of the Black Box Radar recently introduced their revolutionary FAR-21x7BB series of X-band radars. This second generation of Black Box Radars is the result of Furuno's 50 years of experience in the marine electronics and advanced computer technology.

The FAR21x7BB series allows the vessel builder/designer to customize and select the monitor portion of the Radar system according to the specific size limitations and requirements of the vessel. The builder can utilize a Multi-Sync SXGA Monitor with DVI-D input, allowing the user to select virtually any type and size display. The SXGA resolution provides crisp Radar images, which are presented in a selectable color with a day or night background color for easy observation in all lighting conditions.

Because the FAR21x7BB series is modular and consists of only three components – gearbox/transceiver, new compact keyboard and Radar processor unit – installation and maintenance costs are dramatically lower than those associated with conventional marine Radar systems. Its unique design allows technicians to install, service and inspect the equipment without disrupting or disassembling the bridge. An optional trackball controller is also available.

An "All Glass," balanced and symmetrical bridge layout is achieved when multiple external monitors are used, like Furuno's new MU155C and MU120C Color LCD Marine Monitors. Furuno's Marine Monitors also provide shared monitor utilization of Radar, PC systems, cameras and even DVD players or Satellite TV, reducing the number of monitors needed at a vessel's navigation point.

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Furuno's FAR21x7BB series offers all of the popular features and options of the dependable and highly accurate FAR21x7 Radar Series, such as: 12kW or 25kW X-Band T/R Up configurations (30kW S-Band with 10' or 12' antenna also available); multi-color target detection; 100-target automatic target plotter; optional CU200 chart reader utilizing Navionic's cartography allows for Furuno's chart/radar overlay capability; full multi-radar/full function interswitching; Furuno's proven commercial/USCG grade antenna designs; and new microprocessing technology with high-speed, high-density gate array and software.

Target detection is enhanced by sophisticated signal processing techniques such as multi-level quantization (MLQ), echo stretch, echo average, and radar interference rejecter. Two guard zones can be set at required ranges in any sector. Other ship's movements are assessed by advanced target tracking software and alerted by CPA/TCPA data readouts. The FAR-21x7BB series provide ARPA and AIS (transponder unit is required) function as a standard. A new feature called Target Fusion merges AIS and ARPA symbols to make the display easier to read. The AIS position is measured by a GPS in Lat/Lon, while the ARPA target blip and data are measured by range and bearing from own ship and located on the Radar PPI. When the symbols are within an operator-set range, the ARPA symbol is merged with the AIS symbol. If the two targets go outside of the set range, they become separate targets once again. This Radar is ideal for sportfishing, mega yacht and commercial captains who are looking for high power radar capabilities in a non-IMO compact design.

For more information on the new Furuno FAR21x7BB, MU120C, MU155C or any product in Furuno's full line of marine electronics, contact: Furuno U.S.A., 4400 N.W. Pacific Rim Blvd., Dept. P, Camas, WA 98607. Phone: (360) 834-9300. Fax: (360) 834-9400. Online boaters can also check out Furuno U.S.A.'s Internet Web site (www.Furuno.com).

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