

BIBS

Böning Integrated Bridge System



BIBS is a multifunctional operating system which can be used on smaller vessels as well as in the mega yacht segment.

Data from components of Böning systems and also of connected external systems will be presented in flexible way on the bridge display units and controlled from pilot chair by a central control unit and by joystick or touchpad.

All existing data will be graphically processed and individually visualized with involvement of charts and general arrangement plans. Depending on system size i.e. the following functions can be monitored and controlled: navigation with charts and radar; display of motor data; connection to the ship's alarm system, door monitoring, camera control, control of navigation lights; tank displays; visualization of generator data.

Display from 6,5" to 19"

Displays for Monitoring and Control Systems



Our range now includes displays for alarm and monitoring systems with dimensions from 6.5" to 19" screen diameter. Displays with a screen size of 8.8", 10" and 15" are equipped with touch screen technology feature. All screens provide graphical pages of monitoring data. Additional functions e.g. video control, navigation light control, pump system and trim tab control can be easily integrated. Like all Böning products, these new devices incorporate displays, making them readable in direct sunlight. Designed in accordance with protection class IP 67, they are suitable for outdoor application

AHD-VCS

Video Control Systems (CCTV)



The video control system AHD-VCS can be extended to include images from up to 16 video cameras, presentable on all Böning displays from 8.8" upwards.

By using a Quad processor unit four images can be displayed simultaneously. Camera selection and control is carried out via touch screen monitor or by means of a separate operation panel.

This system has been especially designed for maritime application with a minimum of wiring. Signal, power and control are transmitted by means of a single CAT5 cable.

AHD-EOP

Start-Stop-System for Ship Diesel Engines in Transponder Technology (applied for patent)



AHD-880 E

8.8" Touchscreen Engine Display



The AHD-EOP Engine Operation Panel allows convenient and safe start and stop of ship diesel engines.

Instead of conventional system with ignition key and start-stop push buttons with resulting extensive wiring demands, AHD-EOP features transponder technology that increases operational safety and security.

By inserting the transponder key into its socket of AHD-EOP unit, the engine control is released for operation. Activation of ignition as well as start and stop of the engine is performed by push button operation on appropriate AHD-EOP unit. Retracting the transponder from the socket will result in immediately engine stop.

All AHD-EOP panels can be cascaded, making it simple to install additional units in further control stands.

The AHD 880 E colour display with transflektive screen and touch screen operation is designed as an engine display for indication and alarm presentation of relevant operation data of connected engine systems. The presentation of data is applied on various instruments, alarm, measuring point and configuration pages with graphical and tabular visualization.

The communication is performed via CAN-Bus, where engine data can be received and presented by interface modules (AHD-UIC/AHD-UCC) with diverse data protocols like i.e. SAE J1939, Modbus, NMEA 0183, NMEA 2000 etc.. By that, the AHD 880 E display is outstandingly suitable for applications with engine systems of well-known engine manufacturers (MAN, MTU, Caterpillar, Volvo-Penta, Cummins etc..).



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10/12 Feb. 2010 Carrara_Italy

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