



Böning USA November Newsletter



Dear Customers,

Happy Thanksgiving! November is the time to be thankful, a time to remember and to embrace those who enrich our lives. Our team would also like to extend a Happy Thanksgiving to your families and hope that the holiday season is an eventful one!

We haven't finished unpacking from the Fort Lauderdale Boat Show, and we are packing again to meet you at the Workboat Show in New Orleans, in 2 weeks. This newsletter was made special for our workboat customers. The roots of Böning, starting in 1977, are on commercial vessels. Many products we sell for yachts were originally designed for commercial vessels, applying concepts of redundancy, dependability, and robustness.

Our team is excited to be able to meet many of you at the WorkBoat Show and if you are interested in sitting down and discussing how our systems can fit on your workboat, contact us at info@boening-usa.com or (561) 372-9894.

Continue below to see what BÖNING is up to recently:

- [FLIBS 2021 Recap](#)
- [B : Connect For Fleet Management](#)
- [Workboat Project Reference: River Passenger Ships](#)
- [Böning at METS Trade](#)
- [Product Information: Navigation Lights Control Panels](#)
- [International WorkBoat Show](#)
- [Solutions for Windfarm Support Vessels](#)

We hope you enjoy the reading!

Böning USA Team
www.boening-usa.com



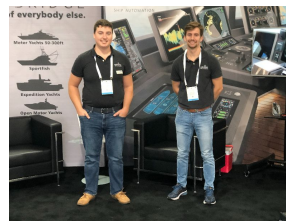
FLIBS 2021 Recap



It was another successful year at the Fort Lauderdale International Boat Show. We were able to sit down and meet with many of you to discuss our systems and how they can enhance your vessel.

If you were unable to attend our team had on display our smoothly integrated SmartBridge, the easy to implement B : MACS PE, as well as our B : Connect, which has the ability to give you remote monitoring for your vessel regardless of location.

Whether you attended or not if you have any other questions of would like to see how our products can be placed on your vessel contact us by clicking below.

[Contact](#)

B : Connect for Fleet Management



B : CONNECT is the Böning solution for the current demand of monitoring and control vessels remotely, and being able to go back in time, and see past data without having to be present on board. Highlights include:

- Real-Time Monitoring
- Remote Commands

- Push Notifications
- Email Reports

If you are interested in fitting your fleet with the B : CONNECT contact us by clicking below.

Contact us to request B:MACS PE

Workboat Project Reference

River Passenger Ships (systems for 52 vessels delivered)



Pictures from a service to update bridge equipment: (Germany, 2021)

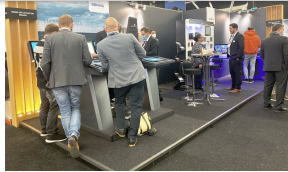
- Vessel Monitoring Panel PC AHD-1015 TC
- Navigation Lights Panel AHD-DPS02

Böning at METS Trade



Our German counterparts took part in the METS Trade this month, showing many of our displays and other products BÖNING was able to show our products and team. The largest part of the show was the B : MACS PE, the simple integration into existing bridges makes it an easy fit into your vessel without having to purchase a brand new system.

METS is a great experience, meeting many people and going through how our products can make your experience on the water safe and reliable.



Product Information: Navigation Lights Panel



The smart Navigation Lights Panel for all types of vessels

Navigation Lights are an integral aspect of any vessel. With our navigation lights panel you are in control of your lights at the helm. These can be customized for your requirements. Features include:

- Compatible with lights 24 VDC, 115 VAC and 230 VAC
- Control and monitoring of 14 lamp circuits, extendable by maximum of 4 extension modules AHD-DPS02 A07 for a total of 42 lamp circuits
- Store each light running hours and switching cycles
- ModBus RTU (RS422 or RS485) output for external monitoring

[Learn More](#)

International WorkBoat Show



Boening USA will be in New Orleans, LA (December 1-3, 2021; Booth 2573) for the upcoming International WorkBoat Show. We will be exhibiting different solutions for vessel monitoring and automation, suitable for different types of boats:

- Ferry Boats
- Pilot Boats
- Tugboats
- Windfarm Vessels
- Offshore Supply vessels
- etc.

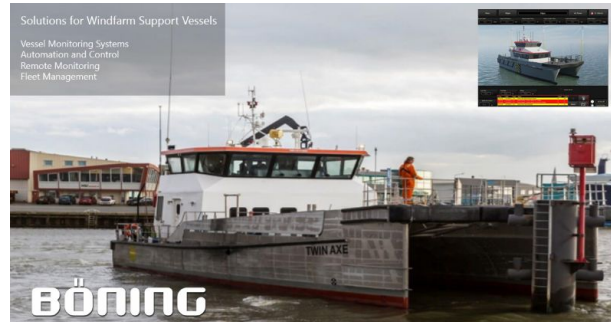
For more information about our products for workboats, please visit: www.boening-usa.com/workboats

Our team is looking forward to the show to meet you. Feel free to stop by and

International Work Boat Show

Technical Information: Windfarm Support Vessel

by Robert Glassman (Commercial Sales and Project Engineer)



BÖNING Ship Automation has extensive experience with Windfarm Support Vessels in Europe and is ready to share this successful electronic integration and monitoring technology in the United States. All Böning commercial equipment is manufactured in Ganderkesee Germany with classification certificates and fully stocked in the Boca Raton, Florida facility, along with the finest team of engineers in the industry.

The Böning displays are the first attention grabber when first boarding a windfarm support vessel, and these screens display an outstanding high-definition visualization while adhering to the highest quality standards set by classification societies. It's not uncommon to see a German-made Böning display with 10+ years of usage and still performing the task successfully. A fantastic example is the AHD-880TC with its 8.8-inch color touchscreen and automatic dimming functionality that cannot be surpassed. Another incredible example is the AHD-1219F Panel PC (fully marinized quad-core processor) with 19-inches of high-definition display and 7 CAN-bus ports to allow direct or system-provided data sources. The 880 and 1219 screens are not only visually attractive, but also meet DNV, LR, and RS certifications, and can withstand the harsh punishment of north Atlantic marine environments.

The heart of an integration and monitoring system onboard a windfarm support vessel requires vast compatibility with a large array of systems (engines, generators, transducers, tank sensors, bilge floats, fire detection, and more), and needs to be easily maintained with no-hassle software. The AHD-DPU9 data processing station fulfills all requirements plus internal relays, I/O ports, 6 can-bus connections, and can store 16,000 events for data recalls. Paired with any Böning display, the DPU9 can be used to expand the visualizations beyond all expectations and the functionality surpasses any PLC-type system. The DPU9 can out-perform any PLC-type system, priced far below, and can be updated and maintained by technicians remotely with proper internet connections. As with all commercial equipment, the DPU9 is class-approved by DNV, LR, RS, and NMEA.

A must-have module for any windfarm support vessel is the AHD-SAS15 data station that can handle 15 inputs for analog and/or binary inputs. This means a vessel can have an array of signals (tank levels, pressures, temperatures, doors, bilge floats, fire/smoke sensors) all in one easy-to-install and maintain module. The guesswork is removed when each individual pluggable modules (current, voltage, resistance, thermocouples, contacts) can be changed to match the exact signal to be measured. The SAS15 can be connected to other Böning equipment via CAN-bus, which allows for more reliable networking. As with all Böning commercial modules, the SAS15 is class-approved and comes with a factory certificate from DNV, LR, and RS.

The wind farm support vessel needs to be monitored remotely via a command center to ensure safety for the crew, operational awareness, maintenance schedules, and the only industry Windfarm Fleet Management System is available from Böning. This technically advanced remote monitoring system uses the Böning B:Connect gateway, which can be used in conjunction with

servers maintain the visualizations, so the B:Connect gateway only passes low-bandwidth data to keep connectivity costs down. The command-center style software is completely customizable, but windfarm support vessels are normally monitored to see location, heading, speed, pitch/roll (to measure crew fatigue), tank levels, engine load/rpm's, and any alarms. An excellent YouTube video depicts the system nicely: https://www.youtube.com/watch?v=6lqxQdRM_TA

Naval architects, shipyards, vessel fleet owners are some of the customers that benefit from Böning windfarm support vessel technology. These vessels must have these features to be successful and Böning is available to support your needs.

Please feel free to contact the Böning USA facility in Boca Raton for more information.

Robert Glassman
Commercial Sales and Project Engineer

Boeing USA, Inc.
3100 NW Boca Raton Blvd., Suite 409
Boca Raton, FL 33431
United States

Office: +1 (561) 372-9894
Cell: +1 (561) 528-0389
Robert.Glassman@boeing.com



Copyright © 2019*, Boeing USA All rights reserved.
+1 (561) 372-9894 • info@boeing-usa.com
Boeing USA, Inc. · 4281 NW 1st Ave · Boca Raton, FL 33431-4236 · USA