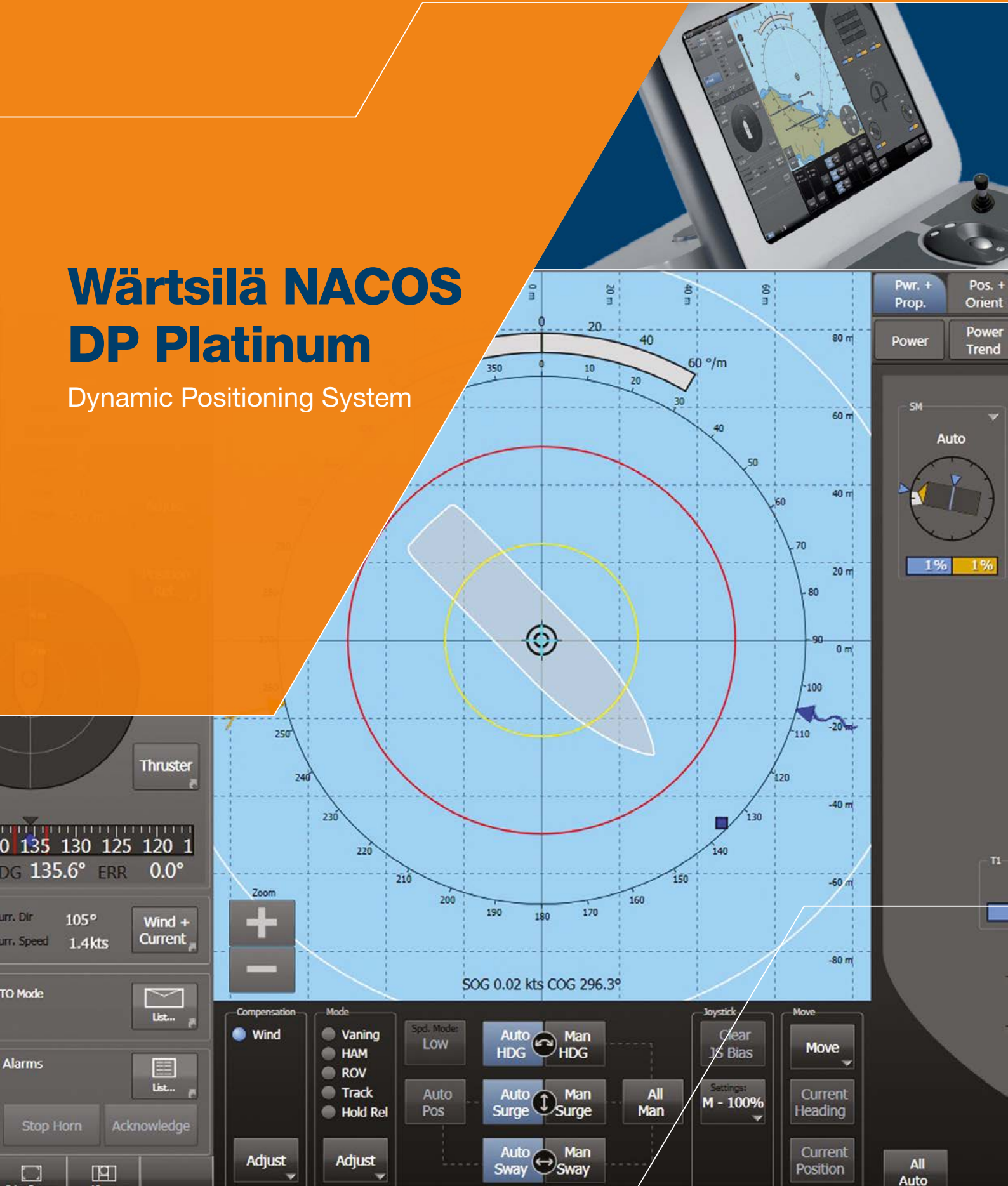


Wärtsilä NACOS DP Platinum

Dynamic Positioning System



Dynamic Positioning

Wärtsilä NACOS DP Platinum is the latest generation of ship control system. Designed with extensive operator input the system offers an intuitive interface, reducing training and transition times. The dynamic positioning system (DP) features unparalleled application flexibility for any vessel type providing owners with the most cost effective solution available. All of this is backed by the renowned Wärtsilä Global Service Network.



Designed with the help of ergonomics professionals, DP captains and ship controls experts, the Wärtsilä NACOS DP Platinum user interface represents a leap forward in intuitive ship controls. Full touch operation and screen layout engages the user while ensuring safer and more efficient operation. Only necessary and required information is presented, preventing confusion during critical operations.

A common interface design and multi-function displays for all Wärtsilä NACOS DP Platinum products ensure consistent operating principles across the bridge. Common components complete the integration of the Wärtsilä Platinum DP with other Wärtsilä NACOS Platinum series systems such as automation, power management, and navigation and conning.



Benefits

- User interface and applications designed for and by the operator; flexible configurations
- User interface shortens training cycle and reduces transition time from other systems
- Integrates with all Wärtsilä Platinum products including automation, navigation/conning, power management, and thruster control
- Reduced lifecycle costs due to use of common components across all Platinum products
- Advanced remote diagnostics with available interfaces to multiple vessel systems.

Applications

- OSV/AHTS/MPSV
- Drilling
- Offshore specialty vessels
 - Wind farm installation
 - Heavy lift
 - Cable/pipe lay
 - Jack-ups
- Passenger vessels
 - Cruise
 - Yacht
 - Ferry
- Other vessel types
 - Bulk carriers
 - Government/military applications
 - Research vessels.

Configuration

Wärtsilä NACOS DP Platinum systems can be configured to meet any class, from simple joystick systems to fully redundant Class 3 systems. Each control network is configured as a “star” to provide robust and reliable systems. For Class 2 and Class 3 systems, dual networks are provided to meet the added failure criteria according to IMO MSC/Circ. 645 “Guidelines for Vessels with Dynamic Positioning Systems.”

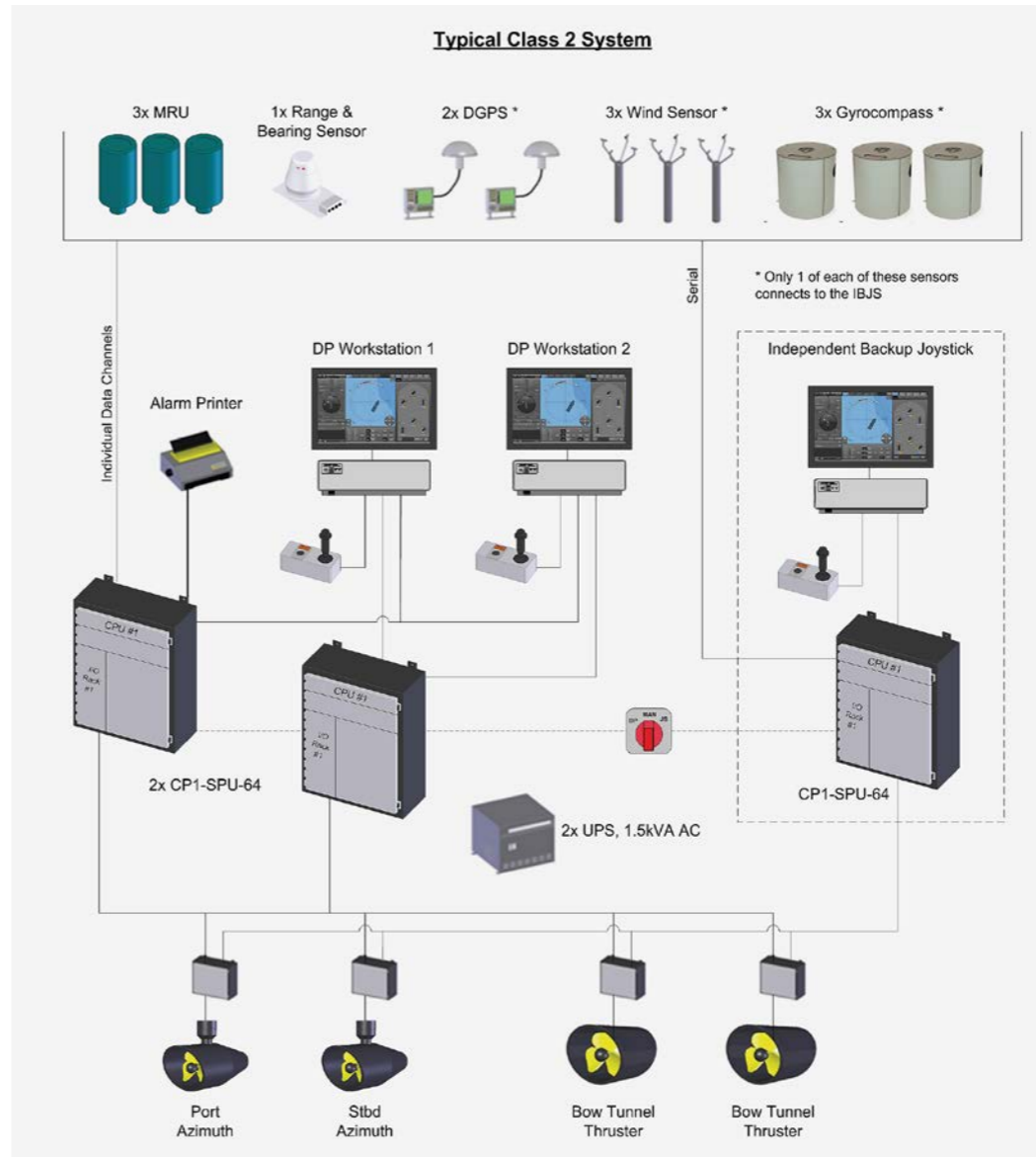
When required, a system-specific FMEA is carried out for the DP system to fully verify its performance at critical times. Suitable reference sensor interfaces are provided to meet the class level required and isolated interfaces for the propulsion are provided, ensuring a complete system.

Integration with Wärtsilä NACOS Platinum Products

By sharing hardware and software, Wärtsilä NACOS DP Platinum easily integrates with

any of the Wärtsilä NACOS Platinum series of products. This includes navigation, ECDIS, conning, automation, and power management systems.

We deliver fully integrated bridge configurations using multifunction displays (MFDs), allowing convenient access to any system from any enabled workstation.



With more than 50 years in the industry, Wärtsilä specializes in the design, development, manufacture, and supply of state-of-the-art vessel manoeuvring, navigation and control systems for offshore, commercial and military markets around the globe. Dedicated

to being one of the world leaders in Dynamic Positioning Control and Automation Systems, we are committed to providing innovative, quality-driven design solutions with the highest level of integrity, customer satisfaction, and superior service and support.

Features

- All DP levels including Class 3
- Application specific operating modes for all vessel types
- Common hardware and software components
- Networked and highly scalable architecture
- Flexible installation for new builds and retrofits
- Meets requirements of all international regulatory bodies.

Customer Support

- Part of the global Wärtsilä organization; offices and technicians in 70 countries
- Training Centers in North and South America, Asia and Europe
- Advanced remote diagnostics up to and including DP control via satellite
- Extensive experience with maintenance agreement of all types.



Wärtsilä is a global leader in complete lifecycle power solutions for the marine and energy markets. By emphasising technological innovation and total efficiency, Wärtsilä maximises the environmental and economic performance of the vessels and power plants of its customers.

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