

NACOS Dynamic Positioning

Platinum Series

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.

Designed with the help of ergonomics professionals, DP captains and ship controls experts, the ANCS NACOS DP 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 ANCS NACOS DP products ensure consistent operating principles across the bridge. Common

components complete the integration of the NACOS DP with other NACOS Platinum series systems such as automation, power management, and navigation and conning.

With more than 50 years in the industry, ANCS specialises 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.

Key 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 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.

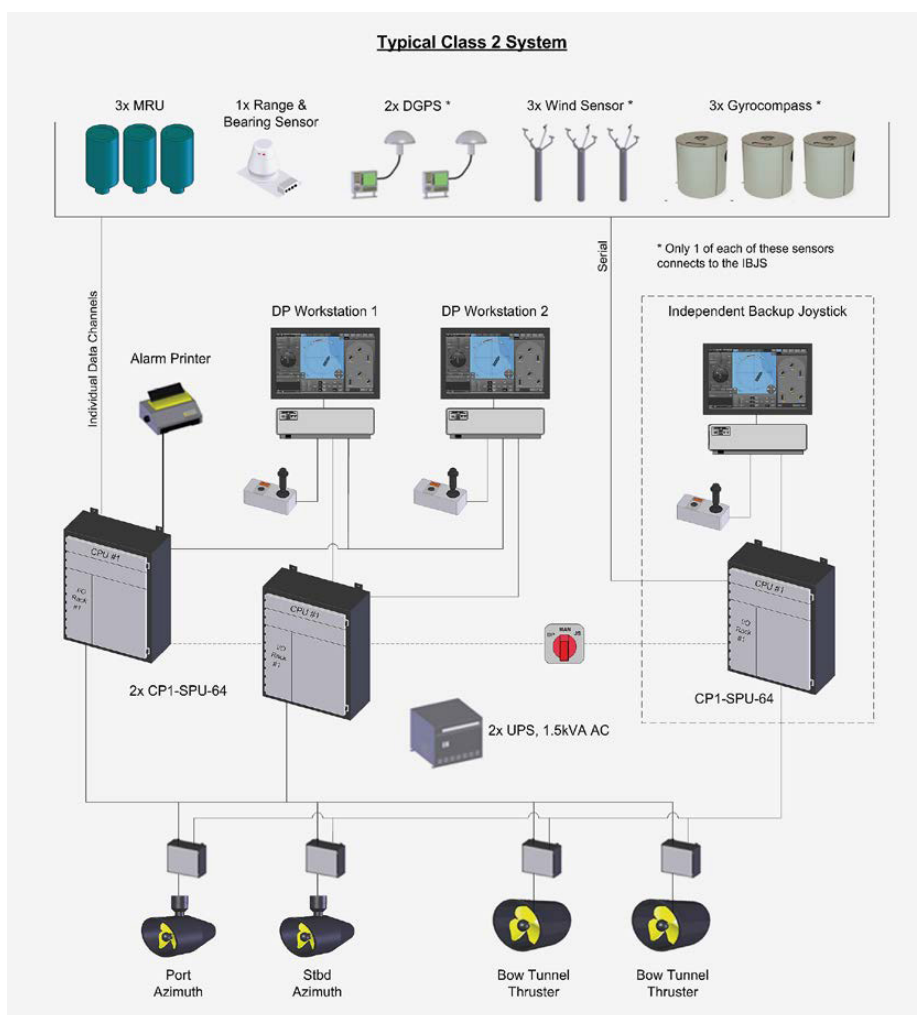
Configuration

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.



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

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 ANCS organisation; offices and technicians in 51 global locations
- 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.

At NACOS Marine, we are redefining control at sea.

Born from decades of maritime expertise, NACOS Marine delivers fully integrated automation, navigation, and dynamic positioning solutions, built on one intuitive platform. We empower vessel operators with precision, situational awareness, and confidence in the most demanding marine environments.

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