

Dynamic Positioning and Control Systems

L-3 NMS6000 Class 0 Dynamic Positioning System



L-3's NMS6000 Dynamic Positioning Systems provide the next step in advanced vessel control. NMS6000 Class 0 systems offer a simple step-up from the Joystick system adding full automatic station-keeping capability. Easy to upgrade, the NMS6000 can be further enhanced to higher specification systems by adding sensors and workstations. Using modular components, the NMS6000 can also be easily and efficiently upgraded with thruster controls, alarm and monitoring systems and power monitoring systems for a complete vessel control solution.

Key system features:

- Integrated three-axis joystick control
- Automatic heading control
- Automatic position control
- Automatic "Hold Area" for improved fuel economy
- Wind Compensation
- Transit Mode
- Optional modes including high- and low-speed Track Follow, Fire Monitor Compensation, ROV Follow with watch circle capability

Typical Applications for Class 0 systems include offshore vessels such as anchor handlers, ROV support vessels, work boats and luxury yachts.



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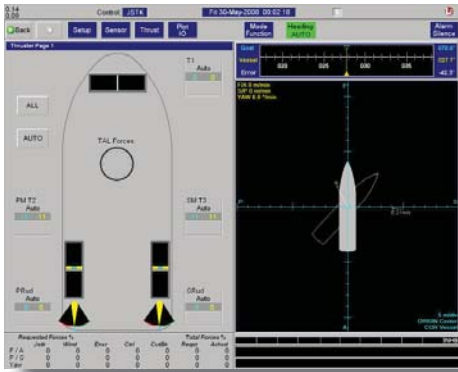
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Proven Vessel Control and Monitoring Solutions

The Benefits

- Latest Type-Approved industry standard hardware – Active Matrix TFT LCD displays with touch screen and available integrated PCs provide high levels of performance, reliability and supportability.
- Flexible and scalable – Commercial-Off-The-Shelf hardware and software platforms provide a system that can be supplied at the appropriate level to meet current requirements but still easily adapt to growing customer needs.
- Network/server architecture – Using WINDOWS XP Server OS allows remote control and monitoring stations to be strategically placed throughout the vessel.
- Distributed control – Minimizes long cable runs, reducing shipboard cable costs and improving reliability.
- Integrated system – Standard network protocols including ModBus, RS232, RS422, RS485 allow data from a wide range of other manufacturers' systems to be easily integrated into the NMS6000.
- Flexible installation – A variety of hardware options available ranging from components for mounting in existing consoles to complete console arrangements custom designed by L-3 DP&CS.
- Regulatory compliance – NMS6000 systems meet all appropriate regulatory requirements.



Graphical Thruster Display Screen



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