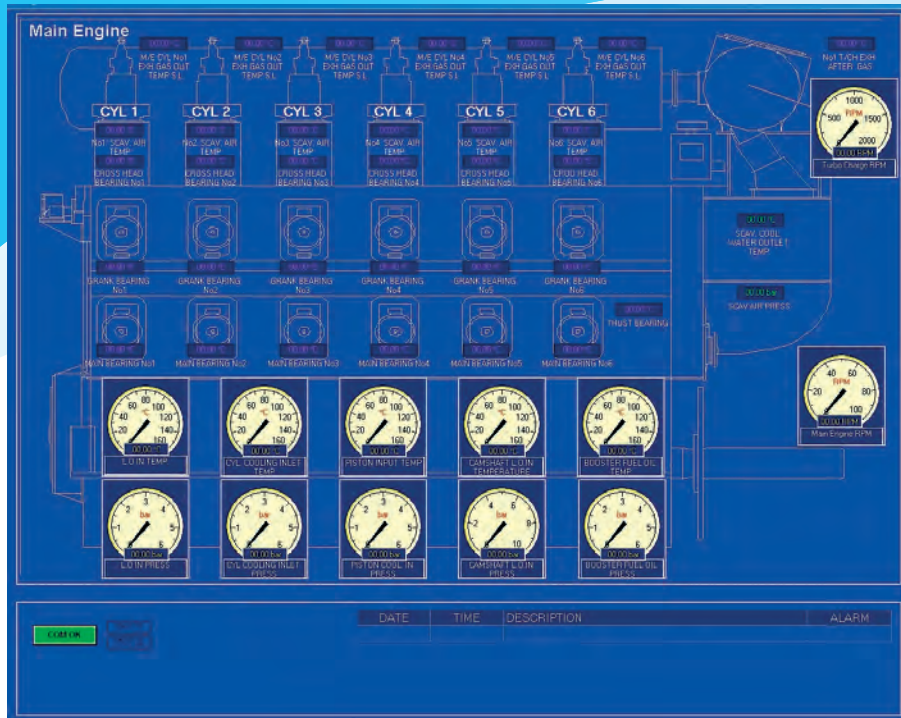


DS-06

ALARM & MONITORING SYSTEM



MAIN ENGINE

Product applications

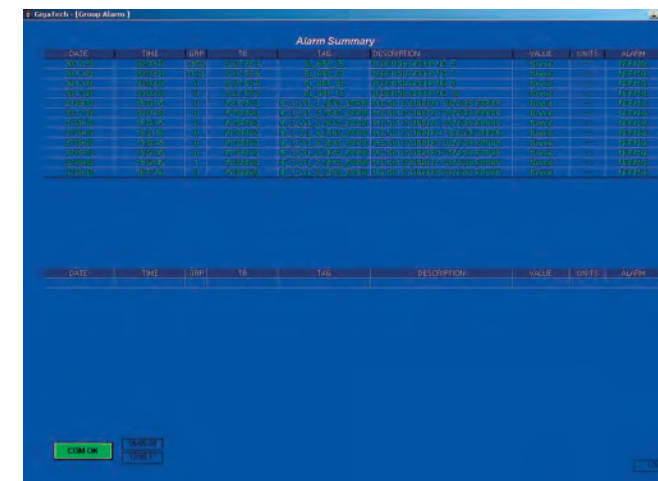
- ✓ Alarm and monitoring system TYPE DS-6
- ✓ Auxiliary control TYPE MG 100
- ✓ Ballast automation TYPE MB-200
- ✓ Cargo automation and control TYPE MG-300
- ✓ Heating Ventilation & air-conditioning TYPE MA-300
- ✓ Management support
- ✓ Power management TYPE MP-500
- ✓ Reefer Monitoring TYPE DS-1000

For Most Ship Types and Applications

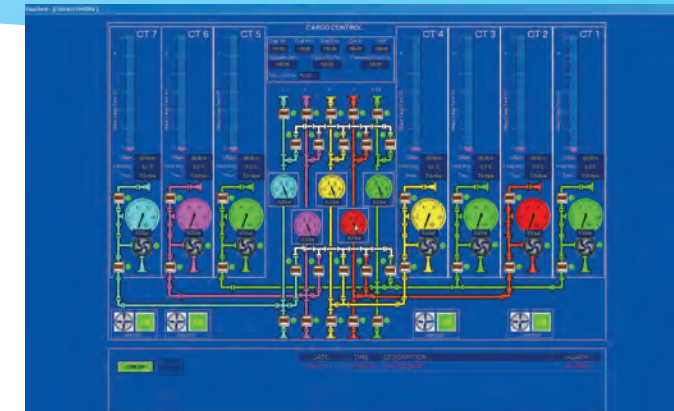
The system is based on our unified automation concept, where each ship configuration is built up using standard modules communicating on double S-bus and Ether S Net local area networks. Marine automation system is configurable for most standard ship types, including tankers, container ships, cargo, bulk and Ro-Ro, ferries, fishing and coastal vessels and other special purpose vessels. The main purpose of the system is to give ship's officers all the basic alarms and status information they require in order to maintain safe and efficient operation of the machinery and other relevant equipment.



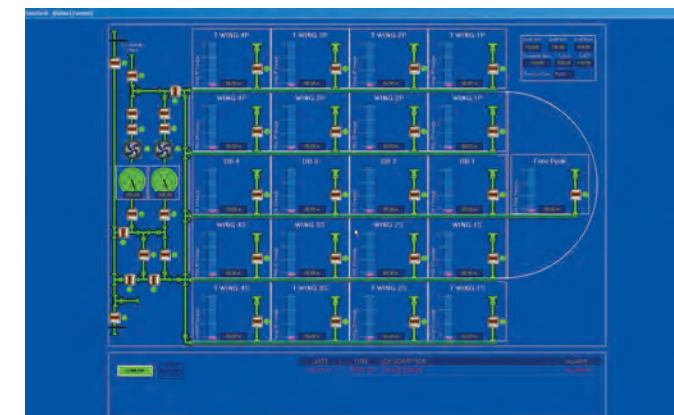
EXHAUST GAS TEMP



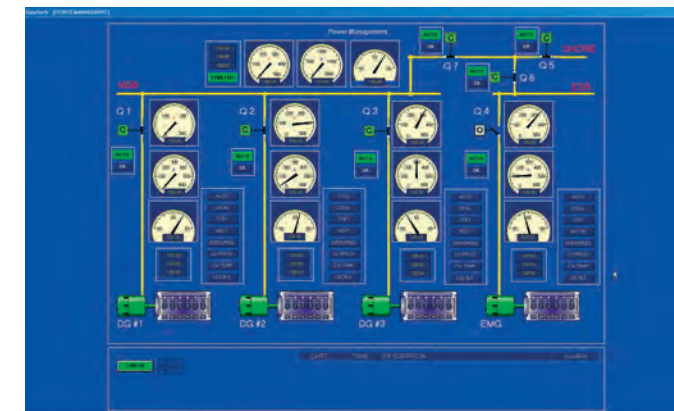
ALARM SAMMARY & HISTORY



CARGO CONTROL



BALLAST CONTROL



POWER MANAGEMENT SYSTEM

MARINE AUTOMATION SYSTEM

Configurable to individual requirements. The marine automation system is designed to meet the challenging demands of shipyards and ship owners. It is configurable up grade from 8 to 10.000 I/O points. Modular design allows us to configure the system to individual requirements, covering the whole range from low complexity alarm systems to highly integrated alarm and monitoring systems with advanced process control and power management.

Fully Compliant

The Marine automation system complies with the requirements of IMO, local maritime authorities IACS, and the classification societies. It is designed to meet the classification societies requirements for periodically unmanned engine room operation. The system confirms to all rules and regulations, and all modules are type approved.



*O.C..P-(OPERATOR CONTROL PANEL)



*SYSTEM ON BOARD

Our products are developed according to the instruction of the following classification societies GL, LR, ABS, Rina, DNV

