

Valve Remote Control System Overhaul

Complete confidence in your system





What if you could prevent system failures and save costs in the long run? It is possible with a system overhaul from Emerson.

An overhaul enables you to focus on other important issues onboard knowing your Valve Remote Control System is in good hands. You can save maintenance costs having a finetuned Valve Remote Control System. Why not book a system overhaul - one thing less to worry about - and gain peace of mind.

Ensure your system is ready to perform

Essential for uptime onboard

To secure that your Valve Remote Control System (VRC) is finetuned, up-to-date and ready to perform many more hours at sea, Emerson provides a comprehensive onboard system overhaul. The overhaul is conducted by an authorized Service Engineer from our global service network.

- Bilge system
- Ballast system
- Cargo system
- Fuel oil system
- Service tank system
- Steam system
- Sea water system
- Air condition system
- Heating system
- Fire Fighting system

Without a fully functional VRC system, functions of many other systems onboard can be influenced.

An overhaul ensures that your VRC system is ready to perform and therefore you avoid a possible chain of other system failures.

Systems with unique functions, such as:



System Overhaul Check Services

Emerson provides a comprehensive range of services to get your vessel underway in the shortest time possible. During the overhaul our authorized Service Engineer implements the following, if needed:

- ▶ Change parts and components
- ▶ Check and fix of any errors
- ▶ Predict and prevent failures
- ▶ Test electrical parts
- ▶ Make updates and modifications
- ▶ Leakage tests
- ▶ Adjust parameters
- ▶ Walk-through of entire system
- ▶ Fill out System Status Report and Checklist
- ▶ Fill out Recommended Spareparts List

The overhaul step by step

Power Unit

Regardless if your system is a hydraulic system (Hydraulic Power Unit) or electro-hydraulic system (Local Power Units), the system overhaul includes a thorough control and verification of the power application. Such as oil level inspection, filter check, motor start and stop control, check of temperature sensors and alarm limits and leakage inspection, etc.

Solenoid Valve Cabinet

The system overhaul includes adjustments of valve and actuator parameters, verifying system electronics as well as leakage inspection and change of gaskets if necessary.

Actuators

The system overhaul includes on spot inspection of electrical and visual indicators, test of signal feedback to the control room, and a thorough inspection for leakages. Our scope covers Danfoss Actuators, Nordic Marine Hydraulic Actuators and Damcos Actuators.



Grab the opportunity to learn more

Crew Training

Whether for a new project or for ongoing operations and maintenance on your vessel, Emerson provides consulting services, skill assessments and the right training solutions at the right time and place.

We provide customized training for ship management, superintendents, yard engineers or others. These training courses will focus on important key areas and functions such as operation, configuration, maintenance, safety, trouble-shooting and replacement of parts. The training course can be customized to cover all your Marine Tank Management systems from Emerson.

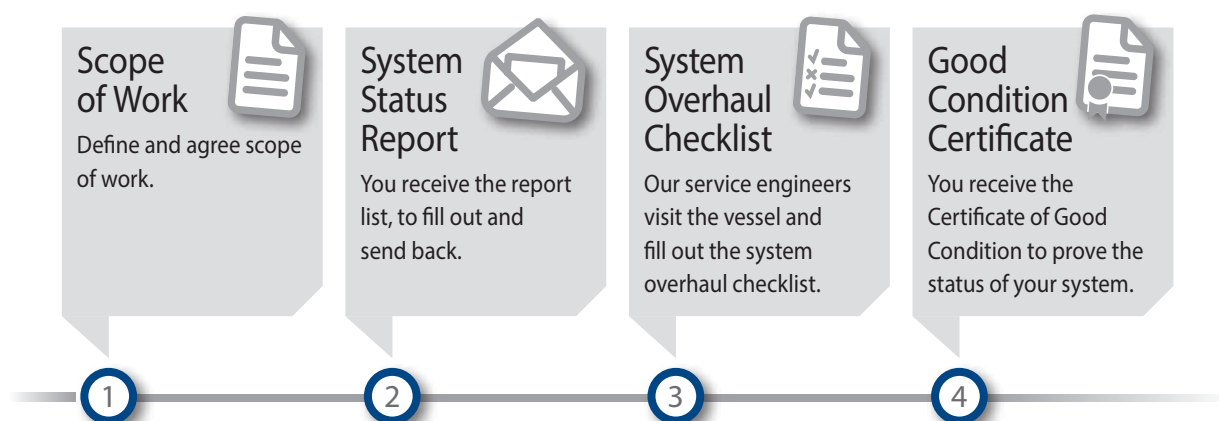
With the right skill training your crew can more easily maintain the upcoming tasks fast and on location, keeping downtime onboard to a minimum.

Continuous operation is essential and worth striving for!



Scope of Overhaul

The Valve Remote Control system overhaul follow the process below. The overhaul can be performed at any time and any place. Agree with our service team how the overhaul should be scheduled most convenient for you.



Worldwide Presence

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Complete Expertise within Marine

Emerson's marine solutions are developed for harsh sea environment to ensure reliable, efficient and safe operation on board any type of ship and offshore unit.

- Integrated control and monitoring
- Cargo monitoring and tank gauging
- Valve remote control
- Fuel management

What really sets us apart is our dedication to the marine sector and engineering excellence. This is reflected in all aspects of our organization, from design and production to application know-how and global service network.

What really drives us is to provide innovative solutions for our customers to operate safely, efficiently and with peace of mind.

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