

MARINE AND OFFSHORE

Mechanical. Electrical. Automation.

Inspection, diagnostics, repairs and commissioning support for generators, rotating machinery and marine control systems.



Practical service. Documented results.

RALTIQO Engineering is built on the shipboard and offshore service experience of Konrad Stanczyk. Mechanical condition, electrical measurements and control signals are assessed together to identify faults and define a practical service scope.

The scope can include planned inspections, fault finding, mechanical service, electrical measurements, functional checks and technical reporting. Work is agreed against the equipment condition, available documentation and operational requirements.

SERVICE ENQUIRIES: office@raltiqo.com

Technical capabilities

Mechanical service

Plain-bearing and shaft-journal inspections, labyrinth seals, lubrication systems, clearance measurements, dismantling and reassembly.

Generators and electrical machines

Stator, rotor and exciter inspections; insulation resistance and polarization index testing; sensor checks and excitation components.

Cooling systems and drives

Hose and fitting replacement, leak tracing, pressure testing, venting and operating-parameter checks in liquid-cooled power converters.

Automation and control

Control circuits, sensors, alarms, feedback loops, interlocks and operating sequences. Thruster pitch calibration and control-mode verification.

Documentation and modernization

Condition assessments, modernization concepts, functional descriptions, I/O schedules, test procedures and service reports.

Selected previous engineering experience

11 kV synchronous generators

Team-based overhaul work including bearings, labyrinth seals, insulation measurements, excitation components and operational testing.

Marine-drive cooling circuits

Replacement of hoses and fittings, repair of leakage points, pressure tests and verification during return to operation.

Thruster pitch feedback

Fault diagnosis, replacement of a faulty feedback component, zero-point calibration and functional checks in manual and follow-up modes.

Examples describe prior engineering experience, including work in service teams. They do not imply manufacturer authorization or contracts awarded to RALTIQO Engineering.