

**GARANT**   
Service

**SHIP REPAIR & MAINTENANCE**  
**ENGINE OVERHAULS**

Trusted partner to keep your fleet moving

**80%**

of all the projects are carried out  
outside the Baltic Sea region

**~300**

employees and  
specialists

**1600**

ships served  
annually

**4500**

projects  
worldwide

**5000**

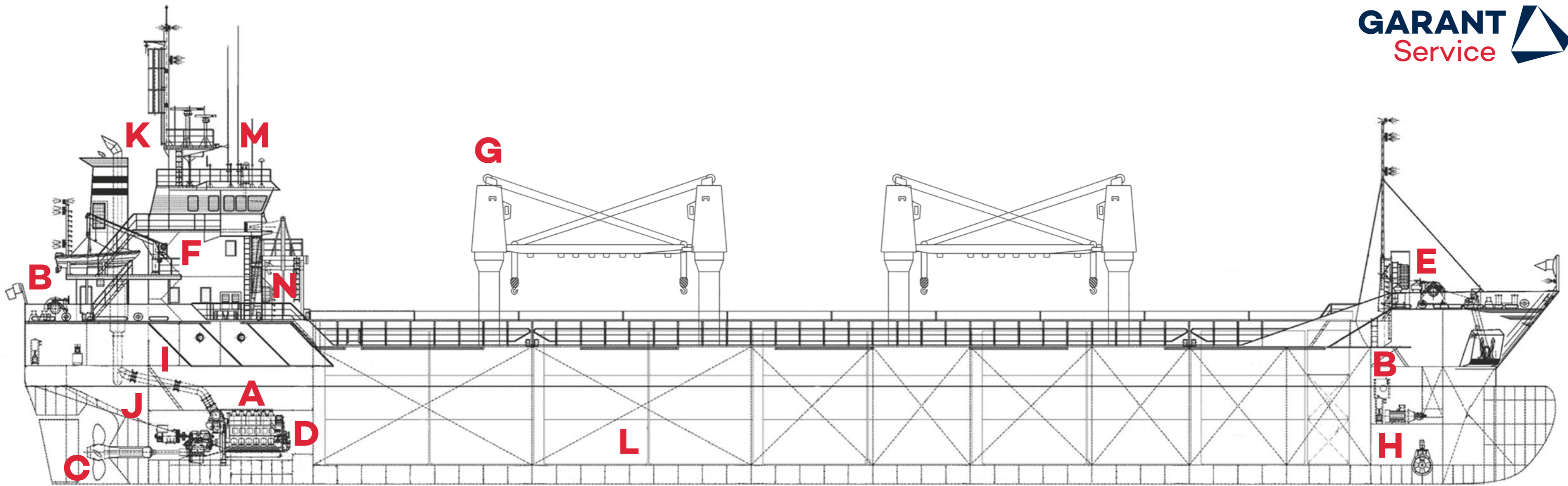
m<sup>2</sup> of warehouse and  
workshop facilities

**8M**

EUR value of various  
goods in stock

Based in Klaipeda, Lithuania, one of the biggest ports in the Baltic States, GARANT SERVICE company is a part of GARANT GROUP international holding. Ship repair and maintenance was the first division to mark the beginning of GARANT GROUP divisions in 1990.

Garant Service specializes in engine maintenance and overhauls, complex ship repairs, and other services worldwide. The division serves marine, oil & gas, and manufacturing industries, using cutting-edge technology and skilled personnel to ensure quality and efficiency. We also handle large vessel modernization and integration projects, offering turnkey solutions. With more than 35 years of expertise, we prioritize customer satisfaction, providing personalized service, fast mobilization, and dedication to completing projects regardless of challenges.



## Maintenance and repair

- A - ME/AE engines
- B - gears
- C - rudders, propellers, shaft lines
- D - compressors, pumps, valves
- E - winches, windlass
- F - davits
- G - cranes
- H - bow thrusters
- I - boilers
- J - BWTS
- K - scrubbers
- L - pipelines
- M - ship electronics
- N - cooling and refrigeration systems

## Competencies and services

- Engine repairs
- Mechanical repairs and machining
- UTM inspections/surveys
- Steel structures manufacturing
- Welding repairs including stainless steel
- Alignment of generator set, el. motors and other machinery
- Main bearing bore straightness check
- Endoscope inspection
- Electrical and automation repairs
- Insulation and outfitting
- Dry Docking assistance
- Supply of spare parts

## Serviced engine makers

- Official rep of  **YANMAR**
- MAN
- CAT
- MaK
- Wartsila
- Himsen-Hyundai
- Daihatsu
- Rolls Royce Bergen
- Mitsubishi
- Volvo Penta
- Cummins
- Sisu
- Scania
- Other makers

## Why Garant Service?

- Riding squads with seaman's books and U.S. visas
- Preparation of repair plans
- Detailed service reports after engine repair and other major repairs
- Class approvals, ISO certificates
- In-house technological support
- In-house project management with the ability to travel to the repair site
- Fast response time and support worldwide



## Solid expertise in marine engine overhaul, maintenance, troubleshooting & repair.

Deep knowledge and skills allow us to serve various engine makers utilizing experienced in-house technologists and flying teams of certified service staff.

- ▶ Overhaul and repair of 2-stroke, 4-stroke main and auxiliary engines
- ▶ Crankshaft replacements / Major engine breakdowns
- ▶ Turbocharger overhauls
- ▶ High-pressure fuel pumps and injectors repairs
- ▶ Reconditioning of cylinder heads, connecting rods, piston crowns, valve spindles, and other engine components in a workshop and in situ
- ▶ Honing and deglazing of cylinder liners in a workshop and in situ
- ▶ Restoring of bores inline or to nominal size in a workshop or in situ
- ▶ Repair of compressors, separators, and air starters

## Authorized **Yanmar** service provider & spare parts supplier

Since 2015, Garant Service is an official representative of YANMAR marine diesel engines and distributor of spare parts worldwide from the warehouses in Europe and Japan.

Our in-house technologists, with direct access to the Yanmar system, provide exceptional technological support for various cases. Our extensive experience with these engines ensures high-quality service by certified engineers for customers worldwide.

### Flexible spare parts delivery options depending on the availability in stock:

- ▶ Super express - dispatch within 1 working day
- ▶ Weekly - dispatch within 5 working days



## Exchange base

Refurbished parts can be restored to a functional condition and are offered as replacements for worn-out or defective components. Exchange base system helps you to save money and time compared to purchasing brand new parts while still ensuring the reliability and quality of the components that are being installed on the engines.

Our workshop fully refurbishes ready-to-install components, which can then be conveniently stored or delivered to your location of choice.

### Simple system & effective approach:

- ▶ Recondition based on inspection
- ▶ Test of all reconditioned components
- ▶ Inspection reports and test protocols
- ▶ Warranty

### Equipment serviced on exchange basis includes:

- ▶ Cylinder heads
- ▶ Connecting rods
- ▶ Piston crowns
- ▶ Valve spindles
- ▶ Water and oil pumps
- ▶ Fuel pumps
- ▶ Injectors
- ▶ Turbochargers

## Fleet Service Agreement for engine overhauls

Ensuring the reliable operation of engines on vessels is paramount. Regular maintenance plays a crucial role in maintaining this reliability. To expedite the process and guarantee optimal performance, we present the ideal solution: the Fleet Service Agreement. With this comprehensive service, you can rest assured that your engines will receive top-notch care, minimizing downtime and maximizing efficiency.

Our Fleet Service Agreement streamlines maintenance operations, saving you time and resources when searching for reliable service providers. This allows you to focus on what matters most: keeping your fleet running smoothly and efficiently.

### Benefits of Fleet Service Agreement:

- ▶ Timely services
- ▶ Transparent and fixed prices
- ▶ Solutions based on thorough fleet analysis
- ▶ Technical expertise and assistance
- ▶ Increased effectiveness due to advanced planning



## Welding repairs

Our technologists prepare essential documentation for Class Surveyors, providing the foundation for necessary repairs. Meanwhile, skilled riding squads of welders, each holding seaman's books, meticulously execute projects in accordance with international requirements and standards during voyages or lay-bys.

### Class-approved welding:

- ▶ Ship hull repairs
- ▶ Modernization of hull and structures
- ▶ Boiler repairs
- ▶ Welding of various metals (steel, stainless steel, aluminum, CuNiFe, copper)

### Certifications:

- ▶ EU 1090
- ▶ ISO 9001 (DNV/GL)
- ▶ ISO 14001 (DNV/GL)
- ▶ ISO 45001 (DNV/GL)

### Energy sector certification:

- ▶ VEI/VERT certificate for the operation of energy installations

### Welding Quality Standards Certificates:

- ▶ ISO 3834-3:2021 manufacturing of various metal constructions, items, and components
- ▶ Execution class up to EXC2 according to EN 1090-2:2018, groups of parent metals 1.1 and 1.2 according to CEN ISO/TR 15608:2017, welding process 135 according to EN ISO 4063:2010, covered by anti-corrosion coatings

## Workshop capabilities

Our workshop provides us with flexibility, enabling us to handle complex and intricate tasks. It serves as a hub for pre-fabrication, machining, and restoration of specialized parts and various types of equipment.

### Workshop machinery:

- ▶ Plasma cutting
- ▶ Grinding
- ▶ Milling
- ▶ Turning
- ▶ In-line boring
- ▶ Laser alignment



## UTM services

Our UTM specialists have extensive marine experience which allow them to measure steel thickness in various locations on the vessel, including heights, tanks, confined spaces, pipes, deck, davits, and cranes. All specialists have seaman's books and can join the vessel as the riding squad during voyages.

We are able to provide turnkey solutions for any problem or remark.

- ▶ UTM inspection and report
- ▶ Repair plan provision and Class approval
- ▶ Repair execution and Class approval
- ▶ Final repair report

Other UTM services include: intermediate surveys, ship owner's requests, shipyard UTM.

## Scrubber repairs

We are often commenced to repair corroded exhaust gas pipes/scrubber components. Having welders holding certificates for various steel grades, we are able to carry out repairs in compliance with the Class requirements.

- ▶ Inspection in situ and preparation of repair plan
- ▶ Replacement of worn-out components such as spray nozzles, scrubbing media, pumps, valves, monitoring instruments, and others
- ▶ Upgrades and retrofits of scrubber systems including casing manufacturing, steel repair/replacement, pipe modification/manufacturing
- ▶ Prefabricated stainless steel inserts manufacturing and installation

## Unified competencies offering tailored solutions

We are proud to be a trusted service provider for complex vessel repairs during:

- ▶ Lay-bys
- ▶ Dry dockings
- ▶ Voyages

At our company, we specialize in solving complex repair challenges. By assembling a team of skilled professionals—including technologists, electricians, hydraulic specialists, mechanics, project managers, material suppliers, and others—we efficiently address intricate problems. Our unique ability to unite diverse specialists enables us to offer customized solutions that meet our clients' specific needs.

Extensive expertise and abundant resources allow us to handle complex repairs with precision and efficiency. Our short response time and in-house project management capabilities allow us to streamline the repair process, meeting tight deadlines without compromising quality. Your vessel experiences minimal downtime under our care.

### Some of our highly complex projects include:



Crane installation, steelworks, GRE pipes - BWTS installation.  
Location: Rotterdam, Netherlands.



400 tons crane sheaves &  $\varnothing$  72 mm cable replacement, BWTS installation and sheaves restoration.  
Location: Klaipeda, Lithuania.



Repairs in Dry Dock – Rudder, steering gear, hub and Promas.  
Location: Marseilles, France.



Replacement of 150 m hot water pipe system on LNG carrier.  
Location: Klaipeda, Lithuania.



Bow visor repair including electrical and hydraulic parts retrofit.  
Location: Marseilles, France.



Complex repairs including steel repairs, scrubber system repairs, monorail repairs, and others.  
Location: Klaipeda, Lithuania.

## Customers who trust us:



Contact us to find out more



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