



**REPAIR
SERVICES**



**UNDERWATER
SERVICES**



**ENGINE PARTS
RECONDITIONING**



**TECHNICAL
SUPPLY**



**SHIPYARD
PREPARATIONS
AND SUPERVISION**



Fast and Efficient Ship Repair Solutions in Turkey and Europe



REPAIR SERVICES

Euroasia Marine Services is targeting for providing ship repair services in Turkey and Europe and being a contact point for emergency issues by assisting ship owners for all kinds of problems.

Apart from the emergency situation, we do provide support for planned repairs and maintenance at anchorage or berths.

Landing and delivery logistics operations are also handled by us, so we are able to provide a lumpsum budget with turn-key solution.

Ship Repair Services Categories

- Steel and piping
- Deck machinery
- Anchor chain
- Cargo handling equipment
- Outfittings
- Engine room machinery
- Main and auxiliary engine
- Reconditioning of engine components
- Air condition and refrigeration systems
- Boiler
- Electrical & electronical components
- Automation systems
- ODME, OWS
- Navigation equipment
- Cleaning and surface preparation in cargo holds and tanks
- Underwater services

- Hydraulic and pneumatic equipment
- Testing, certification and calibration of various equipment

Workshop Capabilities

- Grinding/boring items
- Crankshaft grinding (also insitu)
- Crankshaft annealing/heat treatment (also insitu), crankshaft straightening (also insitu)
- Propeller shaft grinding (also insitu)
- In-line boring of crankshaft housing, In-line boring of sterntube or rudder shaft way
- White metaling (IACS certified), casting for sterntube and intermediate bearings

- Optical alignment, surface alignment
- Liner honing, engine block machining jobs
- Surface grinding and flange facing jobs
- All sorts of inspections (hardness, surface roughness, NDT magnetic particle test, dye penetrant test, ultrasonic test by certified personnel), all sorts of CNC machining and manufacturing jobs up to 2 meters diameter

Voyage Repairs/Fitters

Our fitters (with seaman book) can join the vessel for voyage repairs. All our team members are qualified and class certified in respect to steel and pipe repairs.



ENGINE PARTS RECONDITIONING

Our in-house recondition workshop is able to carry out engine parts reconditioning jobs like piston crown, exhaust valve, cylinder head, piston rod and piston skirt.

Landing and delivery logistics operations are also handled by us, so we are able to provide a lumpsum budget with turn-key solution.

Recondition Items

- Piston crown, piston skirt, piston rod
- Exhaust valve, valve stem, seat, cage
- Cylinder head
- Connecting rod



SHIPYARD PREPARATIONS AND SUPERVISION

Euroasia is able to assist for all necessary preparations before shipyard arrival and also for the periodical services need to be arranged during shipyard stay.

- Local superintendent attendance
- UTM
- Vibration/noise analysis
- FFA/LSA services
- Navcom equipment services
- Calibration of dedicated equipment such as OWS and ODME



UNDERWATER SERVICES

Main Service Locations

Istanbul, İzmir, İzmit, İskenderun, Mersin, Samsun, Zonguldak, Dardanelles.

Organization

- 6 licensed directly employed divers
- 2 assistants
- 1 supervisor/superintendent

Cleaning Technologies

- Cavidyne HP Water Jet Cleaning Unit (Cavitation technology)
- Hydraulic propeller polishing unit (STANLEY) (Hydraulic system)



TECHNICAL SUPPLY

Euroasia provides support for locating the necessary spare parts supply in a competitive and efficient way. We involve our engineering background when there is a need of our assistance and target for the most reasonable solution in a realistic way.

We are able to source second hand parts through our sub-offices in demolition yards in Turkey.

- Various technical supplies and spares during drydocking, port stay or transit passage
- Fabrication of components
- Second hand parts through demolition yards
- Engineering support
- Wide network for all spares

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ON BOARD SERVICES

Services for all bridge navigation and communication equipment for almost any brand. These equipment include AIS, Autopilot, ECDIS, Echosounder, GPS Navigator, GPS Compass, Gyrocompass, Magnetic Compass, Radar, Speed Log, VDR and S-VDR, Weather Instruments, Fleet Broadband, INMARSAT-C, MF/HF, VHF, VSAT, EPIRB, NAVTEX, SART, and BNWAS.

REFURBISHMENT & REPAIR

Highly skilled and capable team of engineers who are specialized in refurbishment and repair for devices, PCBs, cables, and other small or large components. We can repair key items that are needed for sailing urgently, in the shortest time possible.



RADIO SURVEYING SERVICES

Radio Surveys for all classes such as Lloyd Register (LR), Bureau Veritas (BV), American Bureau of Shipping (ABS), Stiftelsen Det Norske Veritas (DNV), Nippon Kaiji Kyokai (NKK), Korean Register (KR) and RINA. All surveys are done using the calibrated hardware and we are able to issue certificates for EPIRBs, SARTs, and also GMDSS Shore-Based Maintenance certificates.

REFURBISHED & USED DEVICES

Large catalog of devices that are refurbished or used. Apart from the main navigation and communication devices, these include Radar and ECDIS displays, antennas, sensors, and internal PCBs of devices such as ECDIS and radar as well as the main parts of these items such as scanner of the radar.



VDR INSTALLATION & ANNUAL PERFORMANCE TEST SERVICES

VDR Annual Performance Tests (APT) and Installation Performance Tests (IPT) for all popular VDR brands such as Netwave/Rutter, JRC, Furuno, Danelec, Totem Plus, and other brands. Our trained and professional team is able to complete the installation of VDR and S-VDRs by request in the shortest amount of time possible.



NEW PRODUCT DESIGN

Our team of engineers can create custom devices to satisfy your requirements.

For instance, if a device is needed which can dim or increase the brightness of all monitors on the bridge with only one button, this can be developed.

Another example is a specialized NMEA buffer with unique functions, just tell us what you need, and we will design and fabricate accordingly.

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MAIN SWITCHBOARD AND POWER MANAGEMENT SYSTEM

- Generator circuit breaker maintenance, repair and replacement
- Maintenance for generator load sharing issues
- Maintenance of generator power management systems
- Installation of new power management systems for generators
- Circuit breakers replacement and repairs
- Repairs for malfunctions of indicators and lamps
- Generator panels repair and maintenance
- Load sharing system installation for generators



MAIN ENGINE CONTROL AND SAFETY SYSTEM

- Main engine control automation systems repair and maintenance
- Main engine safety systems repair and maintenance
- Oil mist detector problems, repair and maintenance
- Maintenance of main engine indicator and lamp
- Main engine automatic shock filter repair and maintenance



GENERATOR AND TRANSFORMER

- Alternator voltage problems repair and maintenance
- Alternator cleaning works and bearing replacement
- Disassembly and repair in workshop environment for alternator winding repairs
- Low voltage transformer cleaning and maintenance
- Low voltage transformers winding repairs, workshop maintenance.
- Emergency generators repair and maintenance
- Generator safety panel and starting systems diagnosis and maintenance.



NAVIGATION AND DECK LIGHTING SYSTEM

- Navigation lamp panel problems repair and maintenance
- Replacement of navigation lamp panels
- Deck lamps repair and maintenance
- Search lights repair and maintenance
- Suez lights repair and maintenance



UPS AND CHARGING AND 24VDC SYSTEM

- All UPS maintenance, battery replacement works
- Repair, replacement and battery maintenance of charging units
- 24 VDC system repairs
- 24 VDC system circuit breaker repair and maintenance

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ALARM MONITORING SYSTEM

- Repair, maintenance and calibration works for alarm monitor system problems.
- Alarm monitor system computer repair and maintenance
- Project planning of new alarm monitor and system installation



LEVEL CONTROL AND INDICATOR

- Tank level indicators repair and maintenance
- %95-%98 tank level alarm system indicators and alarm repair and maintenance



GEAR BOX

- Repair and maintenance of automation problems in gearbox control
- Shaft earthing problems, brushless replacement, repair and maintenance
- Gear box indicator and fault lamp repair and maintenance
- Pitch control system calibration and maintenance



PURIFIER SYSTEM

- Purifier systems electrical automation systems repair and maintenance



ELECTRIC MOTOR

- All electric motors repair, maintenance, replacement of bearings rewinding and balancing



STEERING GEAR

- Steering system
- Control automation electrical systems repair and maintenance
- Rudder angle indicators repair and maintenance

BOW THRUSTER

- Bow thruster system electrical troubleshooting, repair and maintenance for automation systems

REMOTE CONTROLLED VALVE SYSTEM

- Remote controlled air or oil system valve remote control and automation system repair and maintenance
- Designing remote-controlled air or oil system valve remote control system

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