DRY DOCK PERIOD WANAGEMENT

- Shipyard Organization
- Pre-Dry Dock Inspection
- Supervisioning
- Ultrasonic Thickness Measurement
- Steel Repair Tonnage Calculation & Control
- New or Second Hand Spare Parts Supply
 Our team holds <u>Seaman's Books</u>
 and <u>visas</u> from multiple countries.



WORLDWIDE TECHNICAL CONSULTANCY PORT - SHIPYARD - UNDERWAY





- Steel Tonnage Calculation & Control
- Pre-Purchase Inspection
- Pre-Dry Dock Inspection
- UTM Services & Reporting
- NDT Tests



MEASURE - CALCULATION - CONTROL - REPORTING





- Design (P&ID-Structural etc.)
- Structural Analyses
- Electrical Diagram Drawings
- Stability Booklet Updating

IN ACCORDANCE WITH THE STATUSES OF ALL IACS MEMBER CLASSIFICATION SOCIETIES





























Overhaul/Repair

Major Items;

- -Reconditioning
- -Re-Machining
- -Restoring

• Metalock Welding

- Block Changing
- Marine Chocking Application Commissioning
- Vibration Damper Renewal
- Filter System Rework
- Governor Services
- Turbine Maintenance
- Flexible Coupling Renewal
- Shaft Alternator Repair
- Local Application System

Control & Automation Systems

- Installation
- Troubleshooting

Tests & Measurements

- Main Engine Block Alignment
- Torsional Vibration Analyses
- Dye-Penetrant Testing







Renewal & Maintenance

- White Metal Casting
- Fore and Aft Seals (with spares)
- Bearings (with spares)
- CPP Control System
- OD Box System
- Reduction Gear System
- Blade O-Ring Renewal
- Full Overhaul Hub
- Fillet Weld for Cavitation Zone
- Grinding

HARDDOCKS Marine Technical Consultancy

Measurements

- Line Telescopic Measurement
- Force Diagram

Alignment

- Stern Tube & Rudder Stock
- Shaft Run-Out Checking





- Diesel Gen-Set Pump
- Boiler

- Electric Motor
- IncineratorCooler
- Seperator
- Shaft Alternator

HARDDOCKS Marine Technical Consultancy

CHANGING - REPAIR - MAINTENANCE

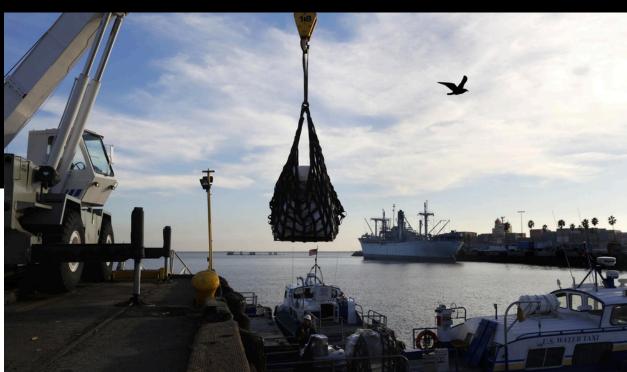




- Main Engine Spare Parts
- Auxiliary Engine Spare Parts
- Automation Parts
- Electrical Equipments
- Bearings
- Seals
- Pipe & Structural Materials



SECOND HAND TESTED SPARE PARTS

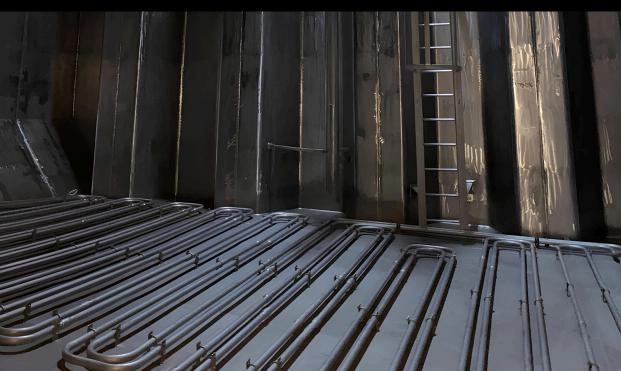




- De-mucking & Tank Cleaning
- Gas Free Services
- Grit Blasting SA1-SA2
- Painting
- Area m² / Volume m³ Calculation



GENERAL CONSULTANCY





- Technical Diving
- Ship Anchor and Chain Operations
- Propeller Replacement
- Hydraulic Cutting Operations
- Propeller Polishing
- Sea Chest and Box Cooler Cleaning



UNDERWATER SERVICES

