



Metal Solutions

NAVAL AND INDUSTRIAL

Emergency Ship Repair in Algeciras

Fast Onboard Response – Avoid Delays & Off-Hire

www.rbmetalsolutions.com



MARINE & OFFSHORE OPERATIONS

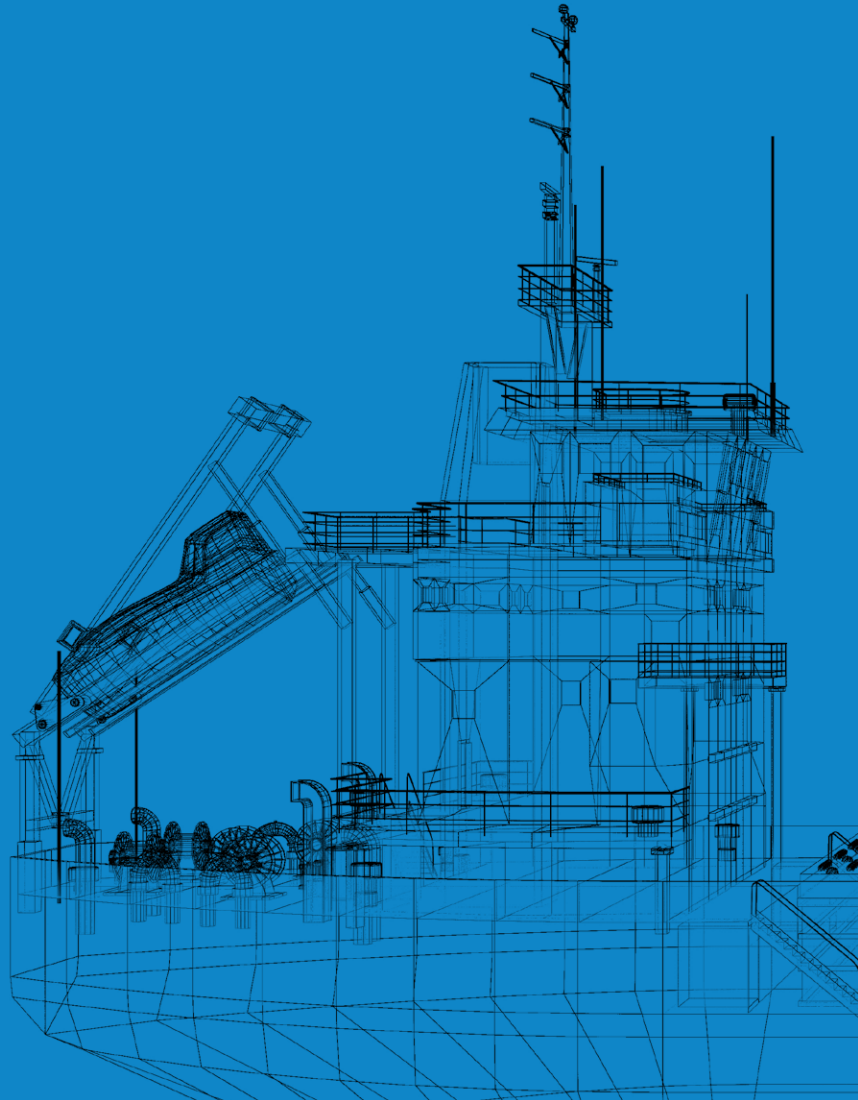


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NAVAL AND INDUSTRIAL



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WHY TECHNICAL MANAGERS CHOOSE

FAST RESPONSE FOR TIME-CRITICAL REPAIRS DURING PORT STAYS

HIGH-RISK & COMPLEX MARINE REPAIRS

Execution in confined spaces, operational vessels and time-critical conditions.

ONBOARD, ANCHORAGE & BERTH OPERATIONS

We operate directly on vessels in port, anchorage and shipyard facilities.

CRANE WORKS & HEAVY EQUIPMENT REPAIRS

Commissioning, repairs and final testing under approved procedures

STRUCTURAL STEEL & MECHANICAL WORKS

For merchant vessels, offshore units and industrial facilities operating in the Port of Algeciras and Strait of Gibraltar.

We support vessels calling at Algeciras and Strait of Gibraltar. with fast onboard repairs to minimize downtime and avoid operational delays, marine welding and structural steel solutions for vessels and industrial facilities. Our team operates worldwide, delivering reliable, fast and certified technical support in shipyards, ports and offshore environments.

Steel Works & Welding



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STRUCTURAL REPAIRS IN COMPLIANCE WITH CLASS REQUIREMENTS





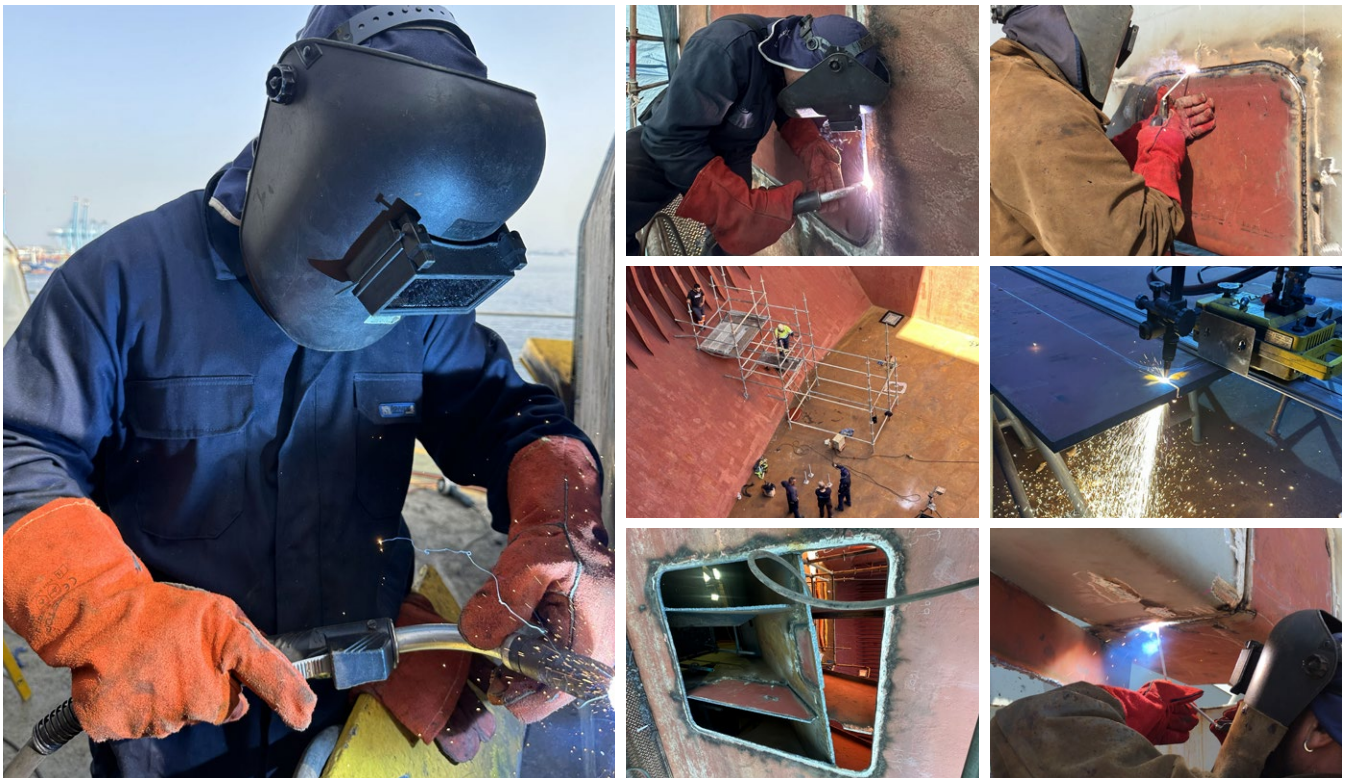
Steel Works & Welding

MARINE STEEL WORKS IN ALGECIRAS

STRUCTURAL REPAIRS & WELDING

Onboard structural steel repairs, renewals and insert plate replacement executed in accordance with marine industry standards and class-approved procedures.

All welding **works are performed by qualified personnel**, ensuring full compliance with classification society requirements and quality control standards. We operate in the Port of Algeciras and Strait of Gibraltar, **supporting vessels at berth and anchorage** under time-sensitive conditions.



Cranes Works



Cranes Works

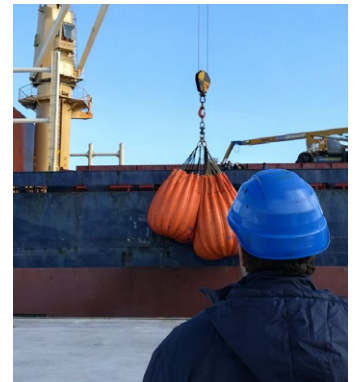
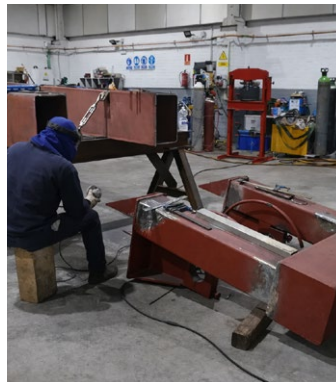
CRANE REPAIR, FABRICATION & INSTALLATION

REPAIR, INSTALLATION & COMMISSIONING

RB Metal Solutions provides specialized ship crane Works including structural repairs, new boom fabrication, on-board installation and final testing

SCOPE OF WORKS

- Dismantling of damaged crane boom and cutting for transportation to workshop.
- Technical assessment and preparation of execution plan.
- Fabrication of new boom sections, including cutting and bending of steel plates.
- Welding and assembly of all fabricated steel components.
- Transportation of fabricated boom to port in five sections due to overall length.
- On-quay assembly and welding of boom sections.
- NDT inspections (weld testing) and dimensional control.
- Surface preparation and painting in accordance with client's coating procedure.
- Final installation of boom on crane.
- Installation of new wire ropes.
- Load testing executed up to 45 tons.



Anchor & Chains Works

HANDLING, INSPECTION & REPLACEMENT



We provide **professional anchor and chain repair, inspection and replacement** services for vessels calling at the Port of Algeciras and the Strait of Gibraltar.

OUR TEAM SUPPORTS:

- Anchor handling operations.
- Chain inspection and certification.
- Emergency anchor and chain repairs.
- Onboard and dockside operations.
- Deck equipment maintenance.

All services are performed by experienced marine technicians in compliance with safety and operational standards. We operate on merchant vessels, offshore units and support vessels requiring fast and reliable marine repair services.



Engine Works

MARINE MECHANICAL REPAIRS & OVERHAULS

RB Metal Solutions provides onboard engine repairs and overhauls executed during port stays to reduce downtime and maintain operational continuity.

Our scope covers **diesel engines, pumps, compressors, gearboxes and mechanical systems**, executed under strict technical procedures to ensure reliability, safety and operational continuity.

RELIABLE MARINE ENGINE REPAIRS & OVERHAULS

RB Metal Solutions delivers on-board marine engine works including mechanical repairs, overhauls and component replacement for main engines and auxiliary machinery.

All works are executed by experienced marine engineers in compliance with class-approved procedures and international marine safety standards.



Piping Works

MARINE PIPE REPAIRS & RENEWALS



RB Metal Solutions provides marine piping works including fabrication, repairs and renewals of cargo, ballast, fuel and service piping systems.

Our teams execute **piping works both on-board vessels and at berth**, ensuring compliance with class requirements and marine safety standards. We operate on merchant vessels, offshore units and support vessels requiring fast and reliable marine repair services.

Our marine piping works typically include **fabrication, renewal and repair of piping systems for cargo, ballast, fuel and auxiliary services**. Projects are executed according to client specifications and class-approved procedures, ensuring operational reliability and safety.



Special Alloys Works

STAINLESS STEEL & NON-FERROUS FABRICATION

STAINLESS STEEL, DUPLEX & HIGH-PERFORMANCE MATERIALS

We perform special alloy welding and fabrication services for vessels operating in the Port of Algeciras and Strait of Gibraltar.

Aluminium gangway repair and fabrication works executed according to marine standards, covering structural reinforcement, welding, alignment and final preparation for onboard installation.

All works are carried out **by experienced technicians**, either on board or at workshop facilities, ensuring durability, safety and operational reliability.

AVAILABLE FOR ON-BOARD WORKS, DRY DOCK AND WORKSHOP FABRICATION.



Mechanical



Electricity & General Marine Services

ONBOARD TROUBLESHOOTING & EMERGENCY RESPONSE

Marine electrical installations, troubleshooting and repairs for vessels calling at Algeciras. Fast response during port stays and urgent situations.

- Marine electrical installations and fault finding.
- General mechanical and auxiliary equipment support.
- Engine room and technical space cleaning.
- Deck maintenance and cleaning support.
- Technical supply and spare parts coordination.
- Short-notice and emergency assistance.

► SINGLE TECHNICAL PARTNER

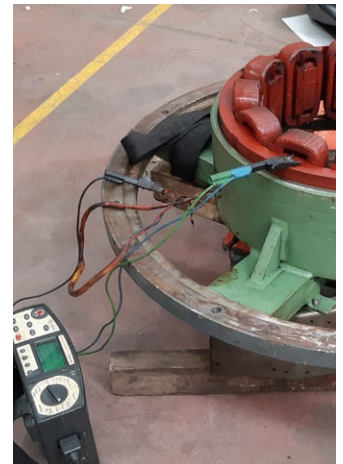
One point of contact for integrated electrical, mechanical, steel and onboard support during port stays and maintenance periods.

► ONBOARD & PORT OPERATIONS

Experienced teams operating onboard vessels, at berth and in shipyards, adapting to operational constraints and tight schedules.

► FAST & RELIABLE RESPONSE

Short-notice mobilization, emergency assistance and technical coordination to minimize downtime and operational risk.



Technical Supply

**FAST SOURCING OF MARINE TECHNICAL PARTS,
CONSUMABLES AND URGENT SPARES.**

24/7 TECHNICAL SUPPLY SUPPORT

We source and deliver **critical spare parts, consumables and technical equipment** for vessels during port stays. **Fast coordination and direct delivery to vessel or quay.**

Send your request – we respond fast.





24/7

Marine Technical Services

SHIP REPAIR IN ALGECIRAS



24/7 EMERGENCY SHIP REPAIR
RIDING SQUADS – STEEL WORKS – CRANE LOAD TESTING

RB Metal Solutions provides 24/7 emergency ship repair services in the Port of Algeciras and across the Strait of Gibraltar. Our technical teams support commercial vessels, bulk carriers, container ships and offshore units with fast mobilization and **certified marine repair solutions.**

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24/7 EMERGENCY SHIP REPAIR

RIDING SQUADS – STEEL & MECHANICAL MARINE REPAIRS

FAST RESPONSE – ONBOARD EXECUTION – RELIABLE RESULTS

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