



Baltec Marine Offshore Division

Go ahead, challenge us!



BALTEC MARINE
Trident Maritime Systems

Who we are

Meet 700 people who are obsessed with ships and rigs

Many of us were raised with one foot on the sea, and the yard is like our second home. We obsess about ships and rigs the way other people dream about sports cars, football or fancy watches.

When we asked one of our guys what motivates him to go to work each morning he said, "When you know you're capable of managing a turnkey installation of an exhaust gas cleaning system for one of the largest container vessels on the planet – why would you do anything else?" Some others said that they almost agree. Almost as they prefer rigs.

We are organized, skilled, and passionate marine professionals with an average of 25+ years of experience under our belts. Our staff of offshore industry experts comprised of experienced project managers for steel and pipe fabrication, process modules outfitting, execution of various repair with upgrade upon FPSO's, drilling rigs and fixed platforms.



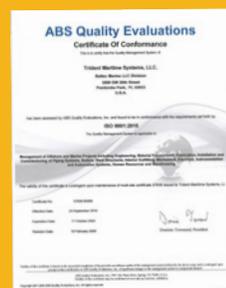
Introduction

After 3500+ projects in hundreds of foreign ports and at sea, there's little we haven't seen before. But if you think you have an impossible challenge, we'd love to hear about it.

Baltec Marine offers full turnkey solution, including site surveys, 3D scanning, detailed design and engineering for repair services in the Marine and Offshore Oil & Gas Sectors. Our qualified engineers and technicians specialize in installation services for steelwork, pipework and high-pressure pipeline systems including exotic materials (super-duplex, Inconel, stainless steel, copper, carbon steel, GRE, GRP, UPVC, GF).

The class approval and commissioning are an essential part of our turnkey services.

The design, supply and installation work are carried out in compliance with ISO 9001:2015 Quality Management System. Full traceability is ensured on every step of project execution to meet the highest requirements of the project.





Our services

For Marine and Offshore industry, Baltec Marine has built a strong reputation for our high-quality turnkey services. The key areas we operate for refit and new build projects are as follows:

- Design & Engineering
- Environmental Services (EGCS, BWTS, SCR)
- Hull & Steel
- Electrical Services
- Boiler Repairs
- Interior Outfitting

Scope of activity

- Inspections
- Feasibility studies
- Detailed engineering
- Integration design
- Comprehensive shop drawings, technical classification designs, and 3D scanning
- Materials procurement
- Logistics
- Prefabrication
- Electrical & Mechanical installations and modifications
- Steel works
- Commissioning support

What makes us different?

- Passionate and experienced team
- Expert planning for on-time delivery
- Global reach
- Subsidiary of Trident Maritime Systems
- Experience of more than 3500 new build and retrofit project
- Accreditation from DNV-GL, LR, ABS, BV



Design & Engineering

Engineering Department scope of work

- Concept design
- Detailed design
- 3D scanning and point cloud processing
- 3D modelling
- 2D documentation preparation
- Calculations and FEM analysis (strength, pipe flow and pressure drop)
- Production preparation
- Technical documents control
- Supervision of outsourced engineering work

Design & Project Engineers

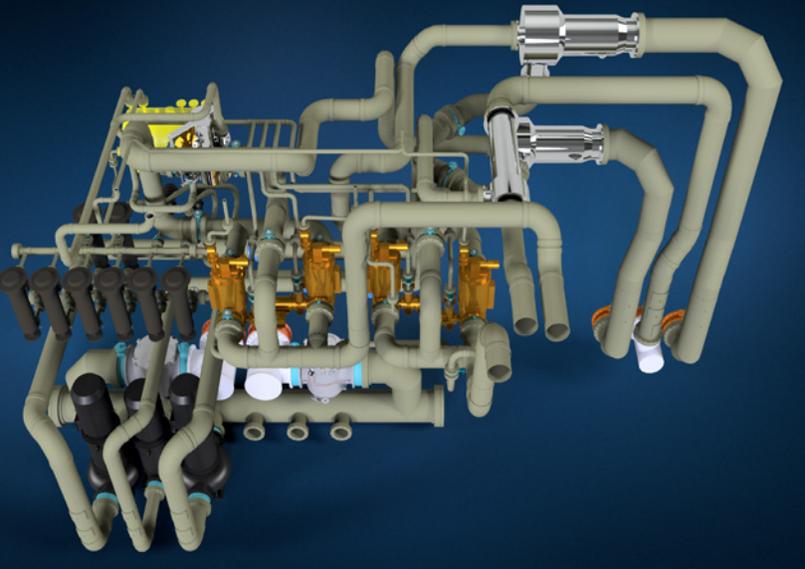
- 13 engineers and designers in the department

Software

- Inventor Professional
- Vault Workgroup
- AutoCad
- Navisworks
- 3DS Max
- Plant 3D
- Inventor Nastran
- ReCap Pro
- Cadmatic eBrowser

Disciplines

- Piping systems
- Steel structures
- Hull outfitting and structural parts
- Equipment's foundations
- Electrical outfitting
- Lifting appliances
- Access and handling equipment





Hull & Steel

Baltec`s offshore division can offer upgrades, steel & pipework repairs. All work is carried out by our experienced tradesmen with multiple disciplines such as:

- Project management
- Supervision
- QC/QA Staff
- Specialist welders (SMAW / GTAW / GMAW / FCAW)
- Heat treatment technicians
- Platers
- Pipefitters
- Mechanical fitters

Based on our team we can globally challenge

- Pipework renewals high and low pressure
- Addition of new pipelines
- Structural modification
- Prefabrication and replacement of the steel structure
- NDT Testing
- Pressure testing
- Painting follow to client specification
- International freight for materials and tools



Electrical

The activity of the Electrical Department consist of ongoing tracking, analysis of project needs, adaptation of the organizational and tools facilities, as well as the resources of technical and supervisory staff necessary for the implementation of electrical works.

Services we offer

- Maintenance & repairs services
- Installations for automated systems
- Supervisions
- Retrofit / conversions / upgrades
- Turnkey projects

Specialized services

- Electrical maintenance with support services
- Electrical & instrumentation services
- Commissioning of all electrical appliances
- Boiler combustion control, burner management
- Pneumatic, hydraulic & process equipment hook-ups
- New electrical installations and upgrades
- Process instrument calibration and maintenance services
- Electrical equipment services
- Electrical switchboard

- Survey & definition of work scopes
- Engineering design studies
- Project detailed design engineering
- Project procurement
- Turnkey packages
- Full documentation & certification packs
- Overall project management

Our services have been designed to provide asset support throughout the project life cycle - from DESIGN, through installation until commissioning, completion to ongoing modification, repair and maintenance.

We operate from full turnkey projects, project supervising, inspection, installation, modification and maintenance services. Clients can get a wide range of services delivered by an experienced team of engineers and technicians with many years' experience within their service.



Electrical engineering delivers solutions to customer base of Offshore and Marine asset owners. We execute all types of projects from small turnkey assignments to high upgrades and new system installations.



Boiler Repairs

We know how important it is to keep your boilers working efficiently. In order to limit disruption and downtime, our experts can travel to your vessel and manage repairs, whether in a shipyard or underway. We have worked with every type of boiler and on every type of vessel - from cruise ships and ferries, to tankers and container ships. Working with our in-house engineering team and quality control, we use a combination of class-approved materials and prefabrication to ensure that your rebuild or repair meets the highest standard of workmanship. We also carry out boiler and incinerator inspections upon request. Our team uses fiberscope, UT and NDT techniques to determine the condition of the equipment and provide a detailed report with our recommendations and estimates.



Services include

- Life assessment, boiler damage inspections and preventive maintenance
- Any kind of boiler repairs on oil fired and exhaust gas boiler of any brand
- Manufacturing of all boiler pressure parts
- Re-tubing and repair of shell and tube heat exchangers and evaporators
- Refractory replacement in incinerators with new modular brick system
- Burner service and combustion optimizing, supply and repair of burners and upgrading/repair of control systems





Interior Outfitting

Baltec Marine provides turnkey interior outfitting solutions for newbuilds and refit projects for marine and offshore industry. From bow to stern we do complex outfitting of the largest cruise vessels and complete living quarters on offshore units.



Our in-house capabilities for turnkey interior outfitting include

- Interior Design
- Project Engineering
- Electrical System Design
- Piping Design
- HVAC
- Refrigeration



We integrate all the above disciplines and systems and as a single-source contractor we outfit the following areas

- Cabins
- Galleys
- Cold & Dry stores
- Laundry
- Public Spaces
- Outside areas



Our projects are performed in accordance with quality standards for offshore accommodation and with a focus on HSE.

Our locations



BM USA | 3580 SW 20th Street | Pembroke Park | FL 33023 | USA | Phone: +1 786 220 2082

BM POLAND | ul. Marynarki Polskiej 163 | 80-868 Gdańsk | Poland | Phone: +48 58 731 1259

BM CHINA | Room 902 | No. 159 Tianzhou Road | Xuhui District | Shanghai | CHINA | Phone: +86 21 5461 0258

BM ROMANIA | 97 Tomis Boulevard | Constanta | Romania | Phone: +40 720 180 022

BM SINGAPORE | 120 Robinson Road | #08-01 Singapore (068913) | Phone: +65 9157 6894





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