Baltec Marine is one of the most experienced specialist maritime companies in the world. Our European headquarters is in Gdańsk, Poland and we operate worldwide. We offer the complete turn-key solution in five prime areas:

- Exhaust Gas Cleaning Systems (Scrubbers)
- Ballast Water Treatment Systems
- Boiler Repairs
- Interiors
- Technical services (Electrical, Mechanical, HVAC)

Baltec Marine draws on more than 20 years’ experience working for some of the biggest ship owners in the world. We have undertaken work on more than 3500 new build and retrofit projects across a wide range of vessels including cruise ships, container vessels and tankers.

Baltec Marine operates a 700-strong workforce including highly experienced tradesmen, project managers and engineers, accredited by DNV-GL, Lloyds Register, the American Bureau of Shipping and Bureau Veritas.

Baltec Marine is a subsidiary of Trident Marine Systems, one of America’s most respected and established maritime companies, headquartered in Miami, Florida.
Baltec Marine is a world-leading scrubber installer with one of the best track records in the maritime industry. We have completed a total of 160 scrubber tower installations across 80 vessels - in full compliance with ratified IMO Sulphur cap restrictions.

Baltec Marine can deliver complete scrubber installations in-service or in-yard and our rapid ‘pit-stop’ delivery model slashes vessel downtime and drydock costs. This ensures vessels are only out of service for a maximum of eight to 10 days. We can work anywhere in the world, on any sized vessel, acting as a marine scrubber integrator between shipowners, class, scrubber makers and shipyards.

Baltec Marine provides the complete project management solution. This includes managing scrubber system selection, feasibility studies, detailed engineering, prefabrication, electrical works, modifications, steel works and commissioning.

We work with world leading scrubber manufacturers including EcoSpray, Wärtsilä, Valmet and Yara.

Baltec Marine is a specialist SOx installer and EGCSA installer and our scrubber service delivers turnkey installations of closed-loop systems, open-loop systems and hybrid systems.

Vessel name: Confidential
Vessel type: 16000TEU Boxships
Project: Turnkey installation of Exhaust Gas Cleaning System on two 16 000 TEU container vessel on yard in China.
Scope of work: 3D laser scanning, feasibility study, detailed design engineering, fabrication of new 250T funnel sections, installation of two exhaust gas scrubber towers, all piping works, electrical works, class approval, commissioning support.
Vessel name: Peter Pan

Vessel type: Ro-Pax

Project: Turn key installation of EcoSpray hybrid Exhaust Gas Cleaning System consist of 4 scrubber towers on Ro-Pax vessel.

Scope of work: laser scanning, detailed engineering, fabrication, all piping works, electrical works, project supervision, installation in yard in Poland.

Dry dock time - 15 days.
Vessel name: Celebrity Silhouette
Vessel type: Cruise
Project: Turnkey in-service installation of Wartsila EGCS hybrid scrubber system on Cruise vessel.
Project include: laser scanning, engineering, fabrication, installation, all piping works, electrical works, commissioning support.
Vessel out of service time - 0 days.
Vessels name:
Cruise Roma
Cruise Barcelona
Vessel type:
Ro-Pax
Project:
Turn key installation of EcoSpray Open Loop Exhaust Gas Cleaning System consist of 4 scrubber towers on Ro-Pax vessels.
Scope of work: laser scanning, detailed engineering, fabrication, all piping works, electrical works, project supervision, installation in yard in Italy.
EGCS PROJECTS

Holland America Line
- Amsterdam
- Eurodam
- Koningsdam
- Maasdam
- Nieuw Amsterdam
- Noordam
- Oosterdam
- Rotterdam
- Ryndam
- Veendam
- Volendam
- Westerdam
- Zaandam
- Zuiderdam

Celebrity Cruises
- Celebrity Silhouette

Costa Cruises
- Costa Luminosa
- Costa Magica

K Line
- Danube Highway
- Elbe Highway
- Seine Highway
- Themes Highway

Minoan Lines
- Festos Palace
- Knossos Palace

MSC Cruises
- MSC Fantasia
- MSC Preziosa
- MSC Splendida

Grimaldi Lines
- Cruise Ausonia
- Cruise Barcelona
- Cruise Olbia
- Cruise Roma
- Cruise Smeralda
- Zeus Palace

Finnlines
- Finnfellow
- Finneagle

TT Line
- Nils Holgerson
- Peter Pan

Wilh. Wilhelmsen
- Tarago

CONFIDENTIAL [ULCS]
- Changi
- Fullerton
- Lion City
- Merlion
- Raffles
- Singapura
- Temasek
- Vanda

CONFIDENTIAL [ULCS]
- Antoine De St Exupery
- Alexander von Humboldt
- Bleriot
- Bougainville
- Georg Forster
- Jules Verne
- Kerguelen
- Marco Polo
- Mermoz
- Vasco De Gama
- Zheng He

and 25 more Ultra Large Container Ships with capacity up to 21000TEU
Vessel: CMA CGM Narmada
Vessel type: 7831 TEU Container vessel
Project: Installation of Alfa Laval Ballast Water Treatment System on CMA CGM ships.

Project included laser scanning, engineering, delivery of valves, project supervision.
Baltec Marine is a fully certified BWTS installation company with a track record of delivering projects on cruise ships, commercial vessels and ferries. We are well placed to deliver projects with more 20 years’ experience in complex engineering installation.

Baltec Marine provides turnkey solutions for all systems including:

- **Electrolytic Systems**
- **UV Ballast Water Systems**
- **Chemical Systems**

We are able to undertake projects anywhere in the world with manned hubs at strategic locations across the globe. Our local engineering teams and trained technicians can perform ship inspections, 3D scanning and basic evaluations in order to provide a service offer within days.

### BWTS PROJECTS

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<th>CMA CGM</th>
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<tr>
<td>President Cleveland</td>
<td>Alfa Laval UV</td>
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<td>President Truman</td>
<td>Alfa Laval UV</td>
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<td>Narmada</td>
<td>Alfa Laval UV</td>
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<th>Carnival Corporation &amp; PLC</th>
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<td>Carnival Victory</td>
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Technical Projects

Electrical
Baltec Marine’s technical division includes electrical, mechanical and HVAC services. Our electrical team again offers the turnkey solutions from design and engineering, to construction, installation and maintenance. We work on a wide range of electrical automation and power distribution systems including:

- Control rooms
- Main switchboards
- Pump rooms
- Bridge controls
- Lightning
- Safety Systems
- Distribution panels
- Generator systems
- Frequency inverters
- Fire and Gas detections
- PA/GA systems
- Communication systems

Mechanical & Piping installation
Baltec Marine has built a strong reputation for its high-quality mechanical installations. We are certified in almost all types of pipe systems and are now the installer of choice for Carnival Corporation’s, CMA CGM’s & Grimaldi’s exhaust gas scrubber Installations. Our capabilities include:

- All piping work including GRE Piping
- Potable water systems
- Fire and gas detection system
- Grey and black water systems
- Bilge water systems
- Water treatment systems
- Tanks
- Class rated bulk heads
- Customs stainless steel piping
- Salt and sanitary piping
- Suspensions and securing hanger systems

HVAC
Baltec Marine’s parent company Trident Maritime Systems is the largest supplier of marine HVAC and refrigeration systems in the USA. Our intensive research & development division ensures we remains at the forefront of innovation, as we look to continually raise the bar with more efficient and customer focussed solutions.
BOILER REPAIRS

Baltec marine boiler division is a trusted repair division for the worlds most notable cruise lines, commercial shipowners and shipyards. Our valuable customer list includes but is not limited to Carnival Cruise Lines, Holland America Lines, Norwegian Cruise Lines, Prestige Cruises, Royal Caribbean Cruise Lines, Vigor Shipyard, etc. With presence in the USA, Europe and China here we have global reach and can optimize our service based on customer needs and vessels schedule, during drydocking or port stay of the vessel or during a voyage repair.

Our workforce is highly skilled and dedicated and have an average experience of 12+ years, all qualified by the major classification society’s like DNV/GL, Lloyds, BV. We have our in-house engineering and quality department to assure a continuous high quality of replacement materials and sound workmanship.
**Boiler repairs**

Baltec Marine’s Boiler Repair division consists of highly-qualified and experienced boiler specialists. We offer a quick, efficient, highly-skilled service to rebuild and repair:

- Oil fired boilers
- Exhaust gas boilers
- Refractory replacement on incinerators and OFB
- Shell / Tube heat exchangers and evaporators
- Economizers
- Automation
- Burner services

Baltec Marine further carry out boiler and incinerator inspections and use class approved boiler materials and prefabrication on all projects. Our ‘flying squads’ can travel anywhere in the world to undertake boiler repairs in a shipyard or afloat limiting disruption and vessel downtime. Crucially, Baltec Marine offers one point of contact reducing time and cost for our customers.

**Boiler and incinerator inspection**

Baltec supervisors carry out boiler inspections on request using fiberscope, UT and or NDT techniques to determine the exact condition/damage of the boiler plant, the inspection will be completed with a detailed inspection report, including findings, conclusions and recommendations. We evaluate the repair cost, vessels down time and operational issues before submitting our solution.

**Repairs and upgrades**

Baltec Marine carries out service and repair on all brands of boilers, economizers, incinerators and heat exchangers/evaporators, for scheduled or emergency repairs, we are proud that we are not only offering repair proposals but we do our utmost best to offer the best solution and advice in order to avoid the same operating problems in the future.
1. Condition of an economizer before repair.

2. After work Completion.

3. Long lasting solution for incinerator refractory problems, reduced installation cost, easy maintenance and partial replacement by the crew is possible.

4. Tube plate preparations on Carnival vessel during retubing of a Unex CHB boiler.

5. Repair/re-tubing of shell/tube heat exchangers and evaporators in our workshop or during voyage repair with our specialized riding squads.
BOILER PROJECTS

Bahamas Paradise Cruise
- Grand Celebration
- Grand Classica

Carnival Cruise Lines
- Carnival Breeze
- Carnival Elation
- Carnival Paradise
- Carnival Triumph
- Carnival Ecstasy
- Carnival Magic

Dano Technics
- USNS Seay
- USNS Bob Hope

Disney Cruise Lines
- Disney Wonder
- Disney Magic

Holland America Line
- Zuiderdam

Norwegian Cruise Line Holdings
- Oceania Insignia
- Norwegian Spirit
- Pride of America

Royal Caribbean Cruise Lines
- Celebrity Silhouette
- Majesty of the Seas
- Navigator of the Seas

Seaspan
- Cosco Japan

Boiler Division

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