



Trident BMC Interior Outfitting

Go ahead, challenge us!



TRIDENT BMC
Trident Maritime Systems

Who we are

Trident BMC works hard for its strong reputation as one of the leading suppliers of high-quality turnkey services in the Marine and Offshore industry. With more than 3500 projects, working with shipyards and ship-owners from all over the world, Trident BMC adds value from the initial concept to the delivery of services with after-sales support. We are a reputable, well-organized company made up of skilled and passionate professionals with almost 30 years of experience in the marine industry.

For ship owners and shipyards seeking integrated solutions, Trident BMC has experience in the refurbishment of existing infrastructure(s), complex turnkey projects and providing custom designs which fulfils all of customers' expectations.

Effective solutions, strong work ethic, problem solving and a dedication to quality has made Trident BMC the preferred choice amongst our customers. Trident BMC is well known for consistently providing superior work and a high level of service in everything we do, such as: design, engineer, build, install and maintain integrated solutions for cruise ships and commercial vessels.

Our turnkey scope of services includes: ship inspection, laser scanning, engineering, documentation, procurement, logistics, installation and commissioning process. With every project, our primary goal is to complete the project on time and within budget to fulfil customer satisfaction.





Scrubber Installation



BWTS



Laser Scanning

Areas of Activity

Trident BMC has built a strong reputation for our high-quality turnkey services for Marine and Off-shore industry.

- Design & Engineering
- Interior Outfitting
- Environmental Services (EGCS, BWTS, SCR)
- Hull & Steel
- Pipeline installation
- Energy Management & Electrical Services
- Boiler Repairs
- HVAC

Scope of work for turnkey services

- Inspections
- Feasibility studies
- Detailed engineering
- Design Integration Cohesive and comprehensive production drawings, technical classification designs, material specification and 3D vessel scanning
- Materials procurement
- Logistics
- Production
- Installation
- Commissioning support

Interior Outfitting Introduction

Newbuilds & Retrofits

Trident BMC focuses on the renovations of existing infrastructures and the turnkey interior projects of new build vessels.

Our services begin with concept development which implement detailing throughout, design engineering, a manufacturing process and final project execution. Drawing from previous years, we have the experience to carry out complex retrofit projects for our customers while maintaining a leading standard in the industry. Trident BMC delivers visually outstanding interior designs to meet customer experience, code requirements and withstand the most challenging conditions. We combine our custom fabrication skills in wood, metal, textiles and engineered materials with in-depth technical knowledge to deliver high-end results to your customers. Our teams of craftsmen travel worldwide to meet your needs and enhance the elegance, functionality and sophistication on board of your vessels.





The activity in the Interior Department's services also consists of tracking and full analysis of projects, required material quantities, quality control, adaptation of the organizational and tooling needs, as well as the resources of technical and supervisory staff necessary for the work in order to meet a set time frame. Above services are dedicated to all our customers, such as:

- Shipyards
- Ship owners and operators
- Offshore companies
- System suppliers

We operate with and provide full turnkey projects, project supervision, inspection, installation, and modification services. Clients can get a wide range of services delivered by an experienced team of designers, engineers and technicians with many years of experience within their dedicated fields.

Our Clients

- Carnival Corporation
- Holland America Line
- Royal Caribbean Cruise Lines
- Princess Cruises
- Tallink
- Stena Line
- Remontowa
- Fincantieri
- Meyer Turku
- CMI
- Norwegian Cruise Lines
- Crystal Cruises





Lincoln Center - Holland America Line - Volendam



Passenger Area - BC Ferries - Spirit of British Columbia



Guest Service - Holland America Line - Westerdam

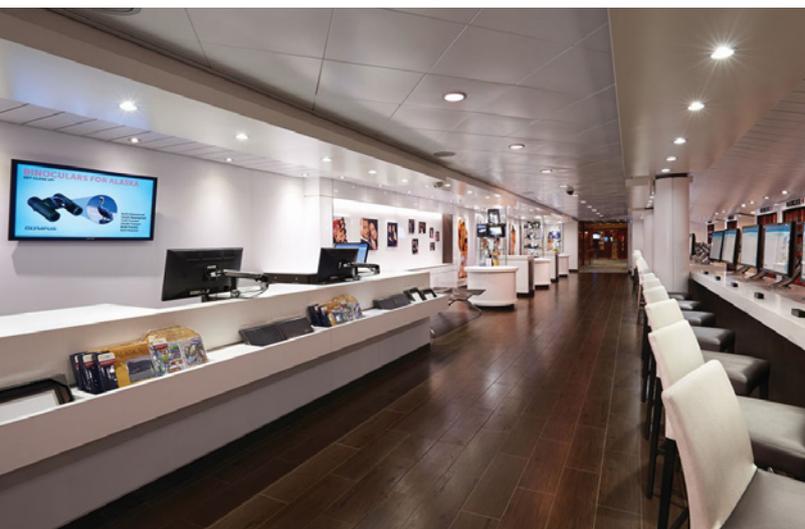


Photo Gallery - NCL - Norvegia Jewell

What makes us stand out from the crowd?

We listen closely to our customers' needs and requirements. Close collaboration between our customers and an experienced team of designers and engineers provides the most efficient, client-focused solution for all of your demands. Regardless of where your vessel is located, in the shipyard or in-service, we will be there to support your needs.

- Passionate and experienced team
- Expert planning for on-time delivery
- Global reach
- A subsidiary of Trident Maritime Systems
- Experience of more than 3500 new builds and retrofit projects
- Our organization affiliates specialists of many trades under one roof
- Experience with managing of multimillion dollar budget projects

Interior Team

Design

Our dedicated team of the Interior Department members consist of people driven by passion and creativity, with hands-on experience backed up by a comprehensive knowledge of interior work requirements and industry standards. We track the latest trends in interior design, introduce new materials and technological solutions to achieve the customer's vision and fulfil all the needs and requirements within the set budget. Our Interior Design team is staffed by professional interior designers, industrial designers, engineers and naval architects with a wide array of experience in the naval industry, which provide customers with reliable, professional and complete project preparations during project executions. Our staff is capable of handling small and large-scale renovation and new construction projects. The result of nearly 30 years of national and international experience has provided Trident BMC with unparalleled knowledge and technical expertise in specifying materials for passenger and commercial vessels.





Visualization of aft pool area - Holland America Line - Prinsendam



Passenger Cabin - Concept Design



Crew Recreation Area - Holland America Line - Westerdam



Crew Bathroom

3d modelling & visualisation

With our help, you will be able to see your designs come to life. We will create an advanced visualization of your vessel and outfitting models to help you decide on the final look, details, choice of materials and outfit layout, which increase efficiency by cutting down on manufacturing time and product development costs. Our Interior Design department uses sophisticated tools and cutting edge digital, computer aid technology such as 3D scanning tools, 3D visualization and modelling software. Trident BMC's designers collaborate closely with shipowners and offer creative input for project development.

Software





Furniture Manufacture



Sewing Room in Window Drapery Manufacture



Furniture Manufacture



Warehouse

Fabrication & Purchasing

For over 25 years, we have reached our manufacturing excellence by offering the most extensive development and manufacturing platforms, complying with ISO 9001:2015 Quality Management System.

We manufacture custom built furniture, short and long run series of cabins outfits. Trident BMC unique manufacturing capabilities and dedication to outstanding service sets us apart from our competitors.

We manage the full project under one roof from the initial concept design, engineering and prototyping, to installation and project management for our customers. We host a very high-end of in-house manufacturing capabilities, supplying complete coordination and logistics around the world.

Our production flow is designed based on a lean manufacturing process, to optimise all stages of our manufacturing, purchasing, warehousing and logistic resources. Allowing us to be more competitive and dependable than our competition.

Installation

Our team of professional installers consists of people driven by passion, hands-on experience and a comprehensive knowledge of interior work requirements and industry standards. Our Installers team is staffed by professional carpenters, electricians, plumbers, metal fabricators, welders, supervisory staff and other specialists with a wide array of experience in the naval industry. Allowing reliable, professional and complete project preparations provide a significant advantage during project executions.



Aft Pool Area - Holland America Line - Zuiderdam



. Insulation Installation - Newbuilding - Willem van Rubroek



Panels Installation - Lincoln Center Stage - Holland America Line

Scope of work

Introduction to Cabins

One of the advantages of our cabins is the quality of workmanship and quick turnaround. All the elements such as walls, ceiling panels, wet units and outfit, are prefabricated, shipped and installed on location. We build and install cabins for new build vessels in a traditional way, as well as provide extensive renovation of existing units. Moreover, we can deliver modular cabins ready for rolling in, positioning and installation with the ship systems.

With our experience and a high level of expertise, we design and construct top-quality prefabricated cabins that comply with all of the maritime industry standards. Cabins can be configured for both passenger and crew cabins, prefabricated to fulfil required standards. All models contain sanitary facilities, variable walls and ceiling systems, doors and furniture. The integrated wet units are watertight and completely outfitted, from the sink to the lavatory unit.





Passenger Cabin - Holland America Line - Veendam



Passenger Cabin - CMI Leisure - Ocean Atlantic



Passenger Cabin - Stena Line - Stena Spirit / Stena Vision



Crew Cabin - Holland America Line - Rotterdam

Passenger Cabins

The passenger quarters must provide an unforgettable experience to the residents during their holiday voyage, as this must be a home away from home in the middle of the ocean. All the cabins are individually designed depending on the level of the required standard, like exclusive apartments, VIP or regular cabins. In the process of designing, we look at passenger safety as a top priority while ensuring a sophisticated appearance and choice of materials. All the materials must meet specific conditions of life at sea and comply with all the naval standards. At the same time, we pay close attention to the functionality, ergonomics (including ADA requirement), furniture layout, lighting conditions and temperature controls to make residents comfortable during their stay.

Crew Cabin

Crew Cabins must provide safe and comfortable environment, a place where crew members can rest after long day of work. For that particular reason we pay close attention to the comfort, functionality, ergonomics and layout of these cabins. All the cabins are individually designed depending on the level of the required standard, like officers and crew staff cabins. All the materials used in such interiors and outfits must be characterized by their high durability and cost efficiency, while complying with all of the naval standards in order to meet specific conditions of life at sea.

Public Spaces

Public space must be designed to draw guest attention, provide a pleasant experience and emphasize space characteristics. Our Interior designers have designed numerous public spaces with a stunning appearance from a wide range of styles such as traditional, Art Deco, contemporary and modern.

Whatever you desire, we can deliver. All the elements are carefully picked by our interior designers through combinations of natural stone, wood, textiles and other well-balanced details, to emphasize the nature of the space. Each of these newly designed spaces create the perfect ambiance, giving your guests an inviting place to socialize with fellow travellers each day about the incredible experiences they had, or a space to share their stories and photos with new friends.



Main Restaurant - Holland America Line - Veendam



Lincoln Center - Holland America Line - Volendam



Crows Nest - Holland America Line - Veendam



Photo Gallery - Holland America Line - Nordaam

Service Compartments

In the past, we have delivered high-quality equipment for navy vessels service areas directly or through our partners. Based on our experience, we can play an important part in your project, designing the optimal solution within all the maritime industry standards. When approaching USPH or other naval standards, Trident BMC has the know-how experience to deliver the solution you need. Whether it's an equipment supply or a turnkey project, we have it all to meet your expectations.

During the designing process for all our galley and pastry area on the vessel, we approach them individually with attention to: layout, functionality, ergonomics and food preparation flow, which takes into consideration all the aspects needed for the food preparation process (refrigeration, food pre-processing, waste treatment, buffet and self serve food display furniture).



Service Compartments - BC Ferries - Spirit of British Columbia



Service Compartments - BC Ferries - Spirit of British Columbia



Service Compartments - BC Ferries - Spirit of Vancouver Island



Service Compartments - BC Ferries - Spirit of Vancouver Island



Waterpark Canopies - Carnival Inspiration



Aft Pool Area - Holland America Line - Zuiderdam



Crew Recreation Area - Holland America Line - Westerdam



Aft Pool Area - Holland America Line - Volendam

Open Decks

Open Deck attractions are one of the guests favourite places during the voyage. It is a space filled with several games, swimming pools, game courts and bars. They are areas that encourage guests to sit back, relax and enjoy a refreshing beverage when not partaking in one of the activities made available to them by the Open Deck attractions.

The Open Decks area must provide comfort and safety to all the passengers who use all the attractions, especially the younger members on the ship. We pay close attention to the comfort, functionality, ergonomics and layout of these areas. Our designers spend a lot of time designing the layout of the Open Deck in a way that is appealing and allows you to deliver an unforgettable experience for your guests. All the materials used in the construction are selected based on their high durability, safety, cost efficiency and compliance with all the naval standards.

Our services at a glance:

- Water Sliders
- Swimming Pools
- Jacuzzi
- Open Deck Showers
- Open Deck Bars
- Sport Courts
- Game Areas
- Water Parks
- Floors (MAPEI certified)
- Glass windscreens
- Rails
- Canopies

Case Study

Ocean Atlantic - CMI Leisure

M/V OCEAN ATLANTIC (IMO: 8325432)

Tonnage: GT 12798 ITC, NT 4653

Length: 139.50 m

Beam: 21.00 m

Draft: 5.80 m

Speed: 16.0 kn

Capacity: 235 Passengers / 118 Cabins

Ship's Registry: Bahamas

OCEAN ATLANTIC is a Ro-Ro/Passenger Ship that was built in 1986 and is sailing under the flag of the Bahamas.

The Ocean Atlantic's last major renovation took place in 2017 and it was one of the largest renovations project since the ship launching in 1986. This major renovation had been entirely granted to one contractor only, Trident BMC, who managed the entire project from start to finish.

Using a multidisciplinary team of managers, engineers and designers has allowed our organization to prepare a course of action for every stage of the project, such as: designing, engineering, purchasing, manufacturing, shipping, and final installation. We were able to map every stage of a project through the detailed coordination of over 150 employees in a variety of professions, such as: welders, electricians, pipe fitters and many other tradesmen.





Secondary Lounge - CMI Leisure - Ocean Atlantic



Coffee Bar & Library - CMI Leisure - Ocean Atlantic



Dining Room - CMI Leisure - Ocean Atlantic



New Suites - wet units - CMI Leisure - Ocean Atlantic

The scope of work included repairs and reconstructions of 19 areas of the ship with a total work area of almost 2,000 m², including:

- Upgrade and refurbishment of existing "Top Lounge" into a secondary / quiet lounge during the day with some segments of night time entertainment.
- Conversion of Existing Dk 7 Disco entertainment area into an indoor / outdoor café.
- Upgrade and refurbishment of existing Casino into more of a standard Presentation Lounge
- Upgrade and refurbishment of existing Casino Extension area into a Coffee Bar / Library, with new set of bookcases.
- Upgrading and refurbishing the whole Main Dining Room with entirely new buffet set up.
- Upgrading Existing Gym, including equipment replacement.
- Complete refurbishment of 3 large suites with new headboards, bed bases and mattresses, new wall coverings, new furniture, new carpets, decorative lighting, new drapery treatment and bedding and all other outfitting
- Refurbishment of existing Pax Cabins.
- Complete refurbishment of all PAX Public bathrooms to achieve a fresh, updated look, which included new outfitting, fixtures, sinks and vanity units.
- Create a whole new Beauty Salon and Treatment Room on DK 5.

The time of completion was a key element of the project, and relied on coordination and logistics to meet a very demanding time frame for the projects' completion. The engineering and project preparation phase persisted for 5 months and the process of demolition, renovation and installation lasted for an additional 3 months.

In order to ensure the success of this project, Trident BMC must meet expectations while providing outstanding quality and customer satisfaction all within a set budget. The project scopes have been divided amongst 4 teams of highly skilled professionals, who have been responsible for the final visual effects and excellent project execution of their designated assignments.

OUR LOCATIONS



BMC USA | 3580 SW 20th Street | Pembroke Park | FL 33023 | USA

BMC POLAND | ul. Marynarki Polskiej 163 | 80-868 Gdańsk | Poland

BMC SWEDEN | Lindholmsallen 10 | 417 55 Gothenburg | Sweden

Phone USA: +1 786 220 2082 | **Phone Europe (PL):** +48 607 031 635 | **Phone Europe (SE):** +48 607 031 635 | **Phone Asia:** +86 21 5461 0258





TRIDENT BMC
Trident Maritime Systems

www.TridentBMC.com
BMC@tridentllc.com