

# Barge Maintenance



## Core Capabilities

Epsilon Systems provides depot level Berthing & Messing Barge maintenance, repair and modernization for the Commander, U.S. Pacific Fleet (COMPACFLT) Berthing and Messing Barge Program. Capabilities include:

## Navy Repair, Berthing & Messing Barge Conversion, Upgrade and Installation

### Conversion of Navy Repair Barges (YR) to Repair, Berthing and Messing Barges (YRBM)

- Design, procurement and installation of equipment – full-service crew galley, scullery and mess decks
- Installation of crew berthing spaces and washrooms
- Rip-out and replacement of the entire electrical systems, including switchboards, transformers, and load centers
- Upgrading of shore power connection systems from 400 amp to 1200 amp service
- Replacement of all ventilation system ductwork
- Installation of 50-ton air conditioning systems and space heaters
- Freshwater piping system
- Installation of PRC decking

### Conversion of Floating Workshop Barges (YR) to Repair and Berthing Barges (YRB)

- Removal, replacement and testing of piping, plumbing, electrical, decking, LAN, phone, security, video surveillance and TV systems
- Installation of male and female berthing spaces including head/washroom facilities
- Sheet metal work
- Piping, electrical, and electronic/communication
- Installation of new electrical wiring, coaxial cable, fiber optic cable, transformers, outlets, hangers, switchboards, power panels, and lighting

## Navy Repair, Berthing & Messing Barge Conversion, Upgrade and Installation (cont.)

### Communication, data, alarm and indicating, and entertainment systems

- Local Area Network Installation and Upgrades – Upgrade existing LAN NIPRNET and SIPRNET infrastructure
- General Announcing System Upgrades
- Video Surveillance Systems
- Cable Television Systems
- Fire Alarm Systems
- Telephone Systems

### Air conditioning and refrigeration systems

### Steam to Electric Conversion

### Preservation of Exterior and Interior Surfaces

- Ultra-high pressure water-jetting of exterior decks and superstructure
- SSPC-SP11 preparation and interior painting/CHT Tanks
- SSPC-SP3 preparation and priming of interior and exterior surfaces
- Non-skid installation

### Installation of various decking materials

### Facilities, capabilities and personnel in San Diego and Pearl Harbor

### Relevant certifications and qualifications

- NAVSEA-approved Quality Management System compliant with the requirements of NAVSEA Standard Item 009-04
- NAVSEA-certified Alteration Installation Team (Tech Specification 9090-310 series)
- NAVSEA-certified Agreement for Boat Repair (ABR)



## Contact

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