

### Core Capabilities

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



### Navy Repair, Berthing and 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

## Contact

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## Navy Repair, Berthing and Messing Barge Conversion, Upgrade and Installation (continued)

*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)
- Electric Motor Overhaul and Rewind (NAVSEA Standard Item 009-17 & 009-33)
- Balance Rotating Assembly (NAVSEA Standard Item 009-15)
- Sealed Insulation System Rewind Capabilities (NAVSEA Standard Item 009-113)