



Solomon Shipyard is a 13-acre, full-service shipyard formally known as ANA and East Coast Repair. Located in Portsmouth, VA at the mouth of the western branch of the Elizabeth River and directly across from Portsmouth Marine Terminal. Solomon Shipyard is accessible by a 17' channel that is maintained by the Army Core of Engineers and has unobstructed access to the Atlantic Ocean with no air draft. The shipyard provides convenient transit as it is a short distance off Rt. 164, 58 and 264.

Solomon Shipyard specializes in, but is not limited to, preservation (blasting and painting), ship repair, fabrication on coastal and harbor vessels and voyage repairs to ocean travelers. Solomon Shipyard's highly trained workforce consists of a full spectrum of welders, shipfitters, electricians, pipefitters, machinists, riggers, steel fabricators and a management team well known and respected throughout the industry.

The yard is outfitted with a metal fabrication shop, specializing in material up to one inch, and is capable of building everything imaginable. The yard is also equipped with a 250-ton travel lift, giving the yard multiple vessels docking capabilities. The yard also features a 250 ft. concrete pier equipped with portable water, 480, 220, 120 VAC power, compressed air and is suitable for berthing vessels up to 350 ft.



Travel lift piers are under construction!

THINGS ARE ROLLING AT SOLOMON SHIPYARD!



MARINE AIRBAGS NOW OPERATING

CERTIFICATIONS

- **Abrasive Blasting**
 - SSPC-SP 5/NACE No. 1 White Metal Blast Cleaning
 - SSPC-SP 6/NACE No. 3 Commercial Blast Cleaning
 - SSPC-SP 7/NACE No. 4 Brush-Off Blast Cleaning
 - SSPC-SP 10/NACE No. 2 Near White Metal Blast Cleaning
 - SSPC-SP 14 Industrial Blast Cleaning
 - SSPC-SP16 Brush-Off Blast Cleaning of Coated & Uncoated Galvanized Steel, Stainless Steel and Non-Ferrous Metals
- **UHP Water Blasting**
 - SSPC-SP WJ-1/NACE WJ-1 Waterjet Cleaning of Metals – Clean to Bare Substrate
 - SSPC-SP WJ-2/NACE WJ-2 Waterjet Cleaning of Metals – Very thorough Cleaning
 - SSPC-SP WJ-3/NACE WJ-3 Waterjet Cleaning of Metals – Thorough Cleaning

- SSPC-SP WJ-4/NACE WJ-4 Waterjet Cleaning of Metals – Light Cleaning
- **Painter Certifications**
 - SSPC C6 Applicator Certification
 - SSPC C12 Spray Paint Certification
 - SSPC C7 Abrasive Blaster Certification
 - SSPC C13 Waterjetting Certification
- **Thermal Spray Certifications**
 - SSPC QP6 Metalizing
- **Wet Abrasive Blasting**
 - SSPC-SP 5 WAB/NACE WAB-1 White Metal Wet Abrasive Blast Cleaning
 - SSPC-SP 6 WAB/NACE WAB-3 Commercial Wet Abrasive Blast Cleaning
 - SSPC-SP 7 WAB/NACE WAB-4 Brush-Off Wet Abrasive Blast Cleaning
 - SSPC-SP 10 WAB/NACE WAB-2 Near White Metal Wet Abrasive Blast Cleaning
 - SSPC-SP 14 WAB/NACE WAB-8 Industrial Wet Abrasive Blast Cleaning

WELD & BRAZE

The following Procedures and/or Work Instructions are Approved by NAVSEA & Accepted by ABS

- Welder Workmanship Qualification Procedure
- Braze & Filler Metal Control Procedure
- FCAW S11A-1 Ceramic Backing
- FCAW S1-S8 Approved SMAW S11A-1
- SMAW S1-S8
- Manual Brazing and Testing
-

Procedural Capabilities Based on Approvals Shown Above are as Follows:

- FCAW Plate with and without backing (ceramic or steel) and Pipe Groove to include Weld Buildup up to 1" and Edge Seal Weld Capabilities
 - Pipe Socket Weld Thickness Range 3/16" and Greater

- Carbon Steel to Carbon Steel in any combination w/in base metal thickness range of 1/8" through 1" OSS ESS HSS HY-80 HSLA-80
- Austenitic Stainless Steel to Carbon Steel S1/S2 Series Cres 304/304L or 316/316L to OSS ESS HSS Hy-80 HSLA-80
- SMAW
 - Plate with and w/out backing (ceramic or steel) and Pipe Groove to include Weld Buildup up to 1" and Edge Seal Weld Capabilities Pipe Socket Weld Thickness Range 3/16" and Greater
 - Carbon Steel to Carbon Steel in any combination w/in base metal thickness range of 1/8" through 1" OSS ESS HSS HY-80 HSLA-80
 - Austenitic Stainless Steel to Carbon Steel S1/S2 Series Cres 304/304L or 316/316L to OSS ESS HSS Hy-80 HSLA-80
- Solomon Shipyard Internal Procedures not governed by NAVSEA Qualification due to there being no requirement based on S9074-AQ- GIB-010/248:
- GTAW SMAW & FCAW when utilization pertains to non-structural applications such as ventilation, furniture, handrails, gratings etc., of the following base metal combinations is: Aluminum, CRES, and Carbon Steel in any compatible combination
- Brazing of the following Pipe Material Groups: P-101, P-102, P-107, P-108, P-110, P-111

Consisting of the following Base metals: Carbon Steel, Stainless Steel, Copper, Brass, Copper Nickel, Bronze

Aluminum Bronze, Manganese Bronze, Nickel Copper, and Nickel Chromium

- Certified in LOK Ring Installation Process and Tooling Use

SHOP AND SHIPBOARD

- Ship fitting
- Sheet metal
- Welding
- Pipefitting
- Electrical
- Rigging

NAICS CODES

- 336611 – Ship Building & Repairing
- 238190 – Other Foundation, Structure and Building Exterior Contractors
- 238320 – Painting and Wall Covering Contractors
- 238330 – Flooring Contractors
- 238340 – Tile and Terrazzo Contractors
- 238910 – Site Preparation Contractors
- 238990 – All Other Specialty Trade Contractors
- 327991 – Cut Stone and Stone Product Manufacturing
- 541990 – All Other Professional, Scientific and Technical Services
- 562910 – Remediation Services
- 314910 – Textile Bag and Canvas Mills
- 424950 – Paint, Varnish, and Supplies Merchant Wholesalers
- 531120 – Lessors of Nonresidential Buildings
- 561720 – Janitorial Services
- 332322 – Sheet Metal Work Manufacturing
- 333992 – Welding
- 532490 – Other Commercial & Industrial Machinery, Equip Rental, Scaffolding
- 332323 – Ornamental & Architectural Metal Work Manufacturing
- 541330 – Engineering Services
- 332313 – Plate Work Manufacturing
- 336612 – Boat Building
- 488390 – Other Support Activities for Water Transportation

Military Specified Flooring

- MIL-PRF-24667 Epoxy Decking Systems
- MIL-PRF-23236 High Performance Epoxy Systems
- MIL-PRF-24647 Hull, Freeboard, and Superstructure Systems
- MIL-PRF-24635 Enamel Coating Systems
- MIL-DTL-24441 Mare Island Coating Systems
- MIL-PRF-24596 Water Based Latex Systems
- TT-P-645 Conventional Primer Systems
- MIL-PRF-24607 Fire Retardant Chlorinated Systems
- MIL-PRF-24763 High Performance Enamel Systems
- MIL-D-3135 Terrazzo Deck Systems
- MIL-S-24340 Marine Sealants

- MIL-PRF-32170 Wear Resistant Deck Tiles
- MIL-PRF-24613 Cosmetic Polymeric Deck Systems
- MIL-DTL-15562 Electrical Grade Matting
- ASTM-F-1066 Vinyl Deck Tiles
- DD-C-95 Fire Retardant Wool Carpeting
- ANSI A137.1 Porcelain Tile

COMPANY INFORMATION

- D & B: 80-739-3905
- Contractors License: 2705 024781A
- SWAM: 648127
- Cage Code: OYB80

Fabrication Capabilities

- Galvanized, stainless, and aluminum Non-Watertight vent.
- Galvanized, stainless, and aluminum Watertight vent.
- Drip Proof vent (CIC areas and vent over top of electrical equipment).
- VLS (Vertical Launch System) vent.
- 1/8" thick temporary vent for 3-year overhauls (HINNS).
- Filter housings (various sizes).
- Fan room foundations and vent. ex: fan motor mounts, cooling coil foundations, heater foundations, etc.
- Berthing, heads, and galley vent runs.
- Spool and deck penetrations. ex: HY80, HY100.
- Bell mouths, dampers.
- Ship laundry mods, lint traps.

Equipment

- Trumpf Trubend CNC Press Brake 10' long with 100 tons of bending pressure.
- Plasma Machine 10 x 20 Robo-Kut Bevel Head
- Standard Shear 10' long 1/4" steel cutting capacity.
- Piranha 5' x 10' Plasma table, Design2fab6 vent software with Pro-nest automatic nesting, and Libre Cad Design software. 16 ga Pittsburg machine, vent forming.

- 80-ton Unihydro Iron Worker, capable of shearing 6" x 6" x 1/2" steel angle and flat bar.
- Interchangeable hole punch, notcher, and 24" press die.
- CNC Drill Press. 40-ton Hydraulic shop press.
- Welding machines capable of Mig, Tig, and Stick welding steel, stainless, and aluminum.
- 5' wide Lemas power roller, 1/4" steel plate can be rolled into 8" diameter 5' log.
- Fully outfitted tool room to support ship installation or shop fabrication.

Furniture

- Folded construction lockers (Navy Standard Furniture). ex: 522 lockers, wardrobe lockers, and sub bases, etc.
- EEBD boxes.
- Berthing kick out panels.
- Repair work to bunks and lockers "as needed".
- Stick built/tubing construction, laminated and coated furniture. Custom design furniture.
- Mess / Dining Tables, game tables.
- 1, 2- and 3-man wide chairs and couches, fully upholstered.

Heads and Galley

- Water closet and shower stalls, partitions, and headers (Folded construction/self-help)
- Officer style vanities.
- Stainless sink Fabrication and Installation.
- Soap trays, Toilet paper holders.
- Steam and Electric Water Heaters & Components installation, troubleshooting, and repairs.
- Plumbing Drain Systems removals, upgrades, and repairs.
- Sanitary Water and Soil Drain Systems removals, upgrades, and repairs.
- Sanitary Plumbing Fixture removals, and replacements.
- Sanitary Space Ceramic Tile and Decking removals, Installations, and Patchwork.

- Sanitary (Wet) Space Surface Preparations and Coatings.
- Vacuum Sewage System troubleshooting, repairs alterations, and replacements.
- Shower mixing valve replacement and plumbing.
- Stainless galley furniture, cabinets, shelving.
- K Racks.
- Marine countertops.
- Drop-down and fixed tray rails, slides, and attachments.
- Sneeze shields and dessert displays.
- Galley Equipment Gauge Calibration.
- Quarry tile/ Galley & Wet Space Decking.
- Hot and Cold Food wells, Food Service equipment installations (Coffee, Ice, Juice Machines, etc.)
- Scullery Dishwasher and related equipment Removals and Replacements.
- Tray Conveyors.
- Stainless steel Dresser and Counter Fabrications and installations.
- Scullery Dishwasher Plumbing and Ventilation Upgrades.

Misc. Out-fitting items

- Metal joiner bulkheads panels.
- Cribbing and sheathing, trim.
- Deck coating.
- Curtain plate.
- Rat patches and vermin proofing.
- Deck rings, deck drain & vale removals, installations, inspections, and repairs.
- Access Doors / Panels & Label Plates.
- Drop / False ceiling grid and panels.
- Expanded metal cages and security grating.
- Nomex panel cutting and outfitting.
- Copper funnels, various types, and sizes (MIL-SPEC)
- DC cardholders.
- 25 and 50 cal. ammo lockers with sun shields.
- Drain Rodding and Snaking.