SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	110-11-001
COAR:	16	PCN:	SERV-L071
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Underwater Hull; inspect and repair

1.2 Location of Work:

1.2.1 Underwater Hull, Sides, Bow and Stern

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 100-7010379 Rev 0, Open Lighter YC 1646 Series Bottom Plating and Sections

2.3 100-7010381 Rev 1, Open Lighter YC 1646 Series Side Plating & Details

2.4 100-7010378 Rev 0, Open Lighter YC 1646 Series Scantling and Sections

2.5 101-4799508, Open Lighter YC 1523 Series Hull Structure & Arrangement

2.6 T9074-AS-GIB-010/271 Rev 1, Requirements for Nondestructive Testing Methods

2.7 MIL-STD-2035A (SH) Rev A, Nondestructive Testing Acceptance Criteria

3. REQUIREMENTS:

3.1 Accomplish a visual inspection within the first 24 hours after drydocking of Barge, upon completion of the hydro pressure water wash cleaning of the underwater hull and prior to painting, from the bottom of the keel to the upper boottop limit, including shell plating, sea chests, skegs and structural members for structural integrity, deterioration, pitting, cracks and areas of damage or distortion, using 2.2 through 2.5 for guidance.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.1.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing conditions found to the Barge Master/COR. **(CDRL A001)**

3.2 Accomplish ultrasonic tests on the underwater hull plating, within 72 hours of drydocking, in 200 locations, as designated by the Barge Master/COR, in accordance with Chapter 6 of 2.6, using 2.2 through 2.5

for guidance.

3.2.1 The accept or reject criteria must be in accordance with Paragraph 8 of 2.7.

Report: SKETCH AND UT READINGS (WC) - WORK COMPLETE + 3 days

3.2.2 Submit one legible copy, in hard copy or approved transferrable media, of a sketch which includes specific locations with respect to frames, strakes, port or starboard, and existing welded butts and seams to the Barge Master/COR. **(CDRL A002)**

3.2.2.1 Sketch must show location of each reading, original material thickness, existing material thickness, and percentage of material thickness reduction to the Barge Master/COR.

3.2.2.2 Notate if reading is taken over existing doubler plate.

3.3 Accomplish repairs resulting from the visual inspection in 3.1 and ultrasonic testing results of 3.2 in locations as designated by the Barge Master/COR, using 2.2 through 2.5 as follows:

3.3.1 Vee-out and weld repair a total of 500 linear feet of splits, cracks, deteriorated and damaged welds.

3.3.2 Clad weld a total of 1000 square inches of plating defects.

3.3.2.1 Surfaces must be ground to smooth metal prior to welding.

3.3.2.2 Fill local pits and grooves with weld metal prior to the application of principal build-up layers.

3.3.3 Install new a total of 500 square feet of 15.3# mild steel doubler plating in areas of deteriorated hull plating as designated by the Barge Master/COR.

3.3.4 Accomplish the requirements of 009-012 of 2.1, including Table 3, Column A, Lines One through 7.

3.3.4.1 Accomplish nondestructive testing in accordance with Line 11.

(V)(G) "AIR HOSE TEST OR WATER HOSE TEST "

3.3.5 Accomplish the requirements of 009-025 of 2.1 for the local air hose or water hose test of each repaired area. Allowable leakage: None.

3.4 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 Work in conjunction with Work Item 123-21-001; Void; clean, inspect and preserve and 631-31-001, Underwater Hull and Freeboard Preservation; accomplish.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	123-21-001
COAR:	16	PCN:	SERV-L072
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Void; clean, inspect, and preserve

1.2 Location of Work:

1.2.1 Throughout the Barge

1.2.1.1 Forward Rake Void (1-7-1)

1.2.1.2 Forward Rake Void (1-7-2)

1.2.1.3 Void (1-16-1)

1.2.1.4 Void (1-16-2)

1.2.1.5 Void (1-26-1)

1.2.1.6 Void (1-26-2)

1.2.1.7 Void (1-29-1)

1.2.1.8 Void (1-29-2)

1.2.1.9 Void (1-38-1)

1.2.1.10 Void (1-38-2)

1.2.1.11 Void (1-47-1)

1.2.1.12 Void (1-47-2)

1.3 Identification:

1.3.1 Quantity (12 EA), Void

1.3.1.1 Quantity (11 EA), Associated 15-inch X 23-inch Raised Bolted Access Cover

1.3.1.2 Quantity (One EA), Hatch WTRTT, Raised 6-inch Coaming, 36-inch by 42-inch, Individually Dogged, 6 Dog (Access to No. 6 Void)

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 100-7010378 Rev 0, Open Lighter YC 1646 Series Scantling & Sections

2.3 100-7010379 Rev 0, Open Lighter YC 1646 Series Bottom Plating and Sections

2.4 100-7010380 Rev 0, Open Lighter YC 1646 Series Deck Plating

2.5 100-7010383 Rev 0, Open Lighter YC 1646 Series Transverse Bhd. & Framing Sections & Details

2.6 100-7010381 Rev 1, Open Lighter YC 1646 Series Side Plating & Detailss

2.7 101-4799508 Rev C, Open Lighter YC-1523 Series Hull Structure and

Arrangement

2.8 600-4799512 Rev B, Open Lighter YC-1523 Series General Outfitting Details

2.9 622-7010388 Rev 0, Open Lighter YC-1646 Series Ladder Details and Grating Installation

2.10 805-1624079 Rev F, Hatch W.T. Raised Individually Dogged 36" X 60" without Scuttle 15 P.S.I. Arrangement

2.11 805-1624071 Rev D, Hatch W.T. Raised Individually Dogged, Dog, Hinge, Brace and Misc. Details

2.12 803-2226372 Rev C, Doors, Hatches, and Scuttles, General Notes

3. REQUIREMENTS:

(V)(G) "JOINT VISUAL INSPECTION"

3.1 Accomplish a joint visual inspection with the Barge Master/COR of each void listed in 1.3 and located in 1.2, for existing preservation coating, structural integrity, deterioration, pitting, cracks, and areas of damage or distortion including structural members, manhole covers and associated coamings, using 2.2 through 2.9 for guidance.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.1.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing type, extent, and location of defects to the TPOC/COR. **(CDRL A003)**

(V)(G) "PRELIMINARY AIR TEST"

3.1.2 Accomplish a preliminary air test of each void. Test pressure must be 2 PSIG. Maintain test pressure for 15 minutes for temperature stabilization prior to start of test. Hold test pressure for 10 minutes.

Report: TEST RESULTS (WC) - WORK COMPLETE + 3 days

3.1.2.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.1.2 to the TPOC/COR. **(CDRL A016)**

3.2 Accomplish the following repairs to the voids listed in 1.3 and located in 1.2, using 2.2 through 2.9 for guidance:

3.2.1 Remove existing and install new a total of (11) each void access manhole cover and associated ring assemblies as designated by the Barge Master/COR.

3.2.2 Vee-out and weld repair a total of 100 linear feet of deteriorated and damaged welds as designated by the Barge Master/COR.

3.2.3 Clad weld a total of 500 square inches of plating defects.

3.2.4 Accomplish the requirements of 009-012 of 2.1, including Table 3, Column A, Lines One through 7.

3.2.4.1 Accomplish nondestructive testing in accordance with Line 11.

(V)(G) "JOINT VISUAL INSPECTION"

3.3 Accomplish a joint visual inspection with the Barge Master/COR of the hatch listed in 1.3.1.2 and located in 1.2 for structural integrity, deterioration, pitting, cracks, missing hardware, and areas of wear, damage or distortion, using 2.8 through 2.12 for guidance.

Report: INSPECTION REPORT (WC) - WORK COMPLETE + 3 days

3.3.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.3 to the TPOC/COR. **(CDRL A003)**

3.3.2 Remove existing and install new a total of 2 each dog assembly and 2 each wedge assembly in way of damaged or no longer serviceable for continued use resulting from inspection in 3.3, as designated by the Barge Master/COR.

3.3.3 Remove existing gasket from gasket seating surfaces.

3.3.4 Straighten and fair a total of 2 linear feet of gasket retainer.

3.3.5 Straighten and fair a total of 2 linear feet of knife edge.

3.3.6 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line 26, Columns A and B, for surface preparation and primer application of exposed gasket seating surfaces.

3.3.7 Install new synthetic rubber gasket conforming to MIL-PRF-900F, in accordance with Note 10 of 2.12.

3.3.8 Apply a light coat of silicone compound conforming to SAE-AS8660 or equal, to exposed gasket surfaces.

3.3.9 Lubricate exposed working parts, using general purpose grease conforming to MIL-DTL-23549.

3.3.10 Adjust the dogs, hinges and wedges for positive dogging action.

(V)(G) "OPERATIONAL TEST"

3.3.11 Cycle the hatch twice (open and close), and check for proper seating, alignment, binding or erratic operation.

3.3.11.1 Accomplish alignment and adjustments to correct discrepancies.

(V)(G) "CHALK TEST"

3.3.12 Accomplish a chalk test of the hatch. Chalk imprint must be centered with 100 percent contact.

3.3.12.1 Adjust each dogging mechanism for proper operation and to obtain 100 percent centered contact of knife edge to gasket.

3.4 Accomplish the requirements of 009-032 of 2.1, including Table 4, Line 18, for interior surfaces of each void listed in 1.3 and located in 1.2, including interior surfaces of void access covers as designated by the Barge Master/COR.

3.4.1 Topcoat color must match existing.

3.5 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line One, 2, 3, or 4, for exterior surfaces of each void access cover listed in 1.3, including associated coaming.

3.5.1 Method of surface preparation must not include Waterjetting listed in Column A as an option.

(V)(G) "COMPLETION AIR TEST"

3.6 Accomplish the requirements of 009-025 of 2.1 for completion air test of each void listed in 1.3 and located in 1.2. Test pressure must be 2 PSIG. Maintain test pressure for 15 minutes for temperature stabilization prior to start of test. Hold test pressure for 10 minutes. Allowable drop in pressure: None.

Report: TEST RESULTS (WC) - WORK COMPLETE + 3 days

3.6.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.6 to the TPOC/COR. **(CDRL A016)**

3.7 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 The possibility of lead based paint exist in interior surfaces of voids listed in 1.3. Contractor must take safety precautions as required by Paragraphs 3.1.1 and 3.1.2 of 009-032 of 2.1.

4.2 Voids listed in 1.3 are opened and closed in Work Item 992-31-001, Cleaning and Pumping; accomplish.

4.3 Work in conjunction with Work Item 123-21-002, Miscellaneous Attachment; remove.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	582-11-002
COAR:	16	PCN:	SERV-L074 SERV-L075
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Mooring and Towing Fitting; inspect, repair and test

1.2 Location of Work:

1.2.1 Main Deck

1.3 Identification:

1.3.1 Quantity (6 EA), Closed Chock, 20 Inch, Piece Mk. One of 2.2 (3 Each Fwd and 3 Each Aft)

1.3.2 Quantity (8 EA), Cleat, Piece Mk. 3 of 2.2 (2 Port, 2 Stbd, 2 Aft and 2 Forward)

1.3.3 Quantity (4 EA), Kevel Cleat, 30 Inch, Piece Mk. 4 of 2.2 (2 Port and 2 Stbd)

1.3.4 Quantity (4 EA), Double Bitt, 8 Inch, Piece Mk. 5 of 2.2 (2 Port and 2 Stbd)

1.3.5 Quantity (4 EA), Towing Pad Assembly, Forward and Aft, Port and Starboard

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 611-7010384 Rev O, Open Lighter YC 1646 Series Deck Arrangements and Details

2.3 T9074-AS-GIB-010/271 Rev 1, Requirements for Nondestructive Testing Methods

2.4 MIL-STD-2035A (SH) Rev A, Nondestructive Testing Acceptance Criteria

2.5 NAVSEA S9AA0-AB-GOS-010/GSO Rev 11, General Specifications for Overhaul of Surface Ships GSO 16 January 2024

2.6 600-4799512 Rev B, Open Lighter YC-1523 Series General Outfitting Details

2.7 805-2276338 Rev B, Cleats, Welded Horn Type

2.8 805-1843363 Rev A, Chocks for Synthetic Rope

2.9 53711-6282462 Rev -, YFN-1254 Series Covered Lighter, Hull 1265 thru 1276, Label Plates

3. REQUIREMENTS:

3.1 Accomplish a visual inspection of each deck fitting listed in 1.3.1 through 1.3.5 and located in 1.2, for structural defects, worn or grooved areas, cracks, dents, broken or defective welds, and missing or defective label plates using 2.2 and 2.6 for guidance.

(I) "MAGNETIC PARTICLE INSPECTION"

3.1.1 Accomplish magnetic particle inspection of 100 percent of attachment welds of inspected fittings in accordance with Chapter 4 of 2.3. The accept or reject criteria must be in accordance with Paragraph 6 of 2.4.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.1.2 Submit one legible copy, in hard copy or electronic media, of a report listing results of the results of the requirements of 3.1 and 3.1.1 to the TPOC/COR. **(CDRL A004)**

3.2 Remove existing and install new 8 each Kevel Cleats 30 Inch, (Piece No. 4 of 2.2) in location of existing Cleat, listed in 1.3.2, using 2.2 and 2.6 for guidance.

3.3 Remove existing and install new starboard aft Towing Pad Assembly using 2.2 and 2.6 for guidance.

3.4 Accomplish the following repairs as a result of visual and NDT inspection of 3.1.

3.4.1 Vee-out and weld 100 linear feet of defective welds as designated by the Barge Master/COR.

3.4.2 Clad weld ten square foot of defects as designated by the Barge Master/COR.

3.5 Accomplish the requirements of 009-012 of 2.1, including Table 3, Column A, Lines One through 7.

3.5.1 Accomplish nondestructive testing in accordance with Line 11.

(I)(G) "STATIC LOAD TEST"

3.6 Accomplish the static load test of each deck fitting listed in 1.3.1 through 1.3.5 and located in 1.2, in accordance with Paragraph 582j of 2.5, using 2.6 through 2.8 for guidance. Hold the test load for ten minutes. Allowable damage, deflection, or deformation: None.

3.6.1 Remove the test load and accomplish a visual inspection of the assembly including associated welds and surrounding structure for structural integrity, cracks, and areas of damage or distortion resulting from the static load test in 3.6.

Report: TEST RESULTS (WC) - WORK COMPLETE + 3 days

3.6.2 Submit one legible copy, in approved transferrable media, of a report listing results of the requirements of 3.6 and 3.6.1 to the TPOC/COR. **(CDRL A005)**

3.6.3 Accomplish a magnetic particle inspection on indications of suspect areas resulting from inspection of 3.6.1 in accordance with

2.3. The accept or reject criteria must be in accordance with 2.4.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.6.3.1 Submit one legible copy, in hard copy or approved transferrable media of a report listing results of the requirements of 3.6.3 to the TPOC/COR. **(CDRL A004)**

3.7 Install stainless steel label plate adjacent to each tested deck fitting in 3.6, in accordance with 2.9. Each label plate must have the following information:

3.7.1 Name of Test/Repair Facility

3.7.2 Barge Name (Hull Number)

3.7.3 Location

3.7.4 Test Date

3.7.5 Test Load

3.8 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 Known source for Kevel Cleats 30 Inch is as follows:

Schoellhorn-Albrecht Machine Co., Inc.

1141 Reco Avenue

St. Louis, MO 63126 U.S.A.

POC: Kevin Pavlisin

kevin@schoellhorn-albrecht.com

hPhone: (314) 965-3339

Fax: (314) 965-3341

4.2 Work in conjunction with Work Item 634-21-001, Nonskid Deck Covering; replace.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	612-11-001
COAR:	16	PCN:	SERV-L077
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Stanchion and Lifeline; install

1.2 Location of Work:

1.2.1 Main Deck

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY26)

2.2 612-7010382 Rev 1, Open Lighter YC 1646 Series Handrail Details

2.3 53711-6282455 Rev -, YFN-1254 Series Covered Lighter Hull, 1265 through 1276 Lifelines % Stanchions Arrangements & Details

2.4 611-7010384 Rev 0, Open Lighter YC 1646 Series Deck Arrangement and Details

2.5 804-5184155 Rev A, Liferails, Lifelines and Awning Stanchions (Alum and CRES) Details & L/M

3. REQUIREMENTS:

3.1 Install new stanchions and lifelines in location listed in 1.2 in accordance with 2.2, using 2.3 through 2.5 for guidance.

(V)(G) "CONFIGURATION OF LIFELINES"

3.1.1 Accomplish a joint visual inspection with the Barge Master/ COR, to determine actual locations of the following:

3.1.1.1 75 percent of the total lifelines must be stainless steel wire rope, Piece Mark 13 of 2.2.

3.1.1.2 The remaining 25 percent of the total lifeline assembly, Piece Mark 12 of 2.2, must be 1/4-inch stainless steel chains conforming to Grade SAE 304 in lieu of galvanized.

3.1.2 Install stanchion bases in accordance with "Detail 12" of 2.2.

3.2 Accomplish the requirements of 009-012 of 2.1, including Table 3, Column A, Lines One through 7.

3.2.1 Accomplish nondestructive testing in accordance with Line 11.

(V)(G) "AIR HOSE, WATER HOSE, OR VACUUM BOX TEST"

3.2.2 Accomplish the requirements of 009-025 of 2.1 for an air hose, water hose, or vacuum box test of each stanchion base. Allowable leakage: None.

(I)(G) "STATIC LOAD TEST"

3.3 Accomplish a static load test on the handrails and stanchions installed in 3.1 as follows:

3.3.1 Accomplish a static load test of 10 percent of the installed stanchion and handrails. A test load of 300 pounds must be applied horizontally outboard at the top of the stanchion and perpendicular to the railing and held for ten minutes. Remove the test load and inspect the lifeline rails, stanchions and surrounding structure for evidence of damage or permanent deformation. Allowable damage: None.

3.3.2 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.3 and 3.3.1 to the Barge Master/COR, showing exact locations of deficiencies and recommendations for repairs.

3.4 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 Known source for Lifeline and fitting material:

US Cargo Control

202 Blue Creek Dr.

Urbana, IA 52345

(866)444-9990

4.2 Work in conjunction with Work Item 631-11-001, Main Deck Exterior; clean and preserve.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	631-11-001
COAR:	16	PCN:	SERV-L078
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Main Deck Exterior; clean and preserve

1.2 Location of Work:

1.2.1 Main Deck, Forward Perpendicular to Aft Perpendicular, Port and Starboard (preserved surfaces not receiving nonskid)

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 611-7010384 Rev 0, Open Lighter YC 1646 Series Deck Arrangement and Details

2.3 53711-6282456 Rev -, YFN-1254 Series Covered Lighter, Hull 1265 through 1276, Deck Plan

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line One, Columns A, B, C and E for a total of 1000 square feet of deck surfaces not receiving nonskid as designated by the Barge Master/COR in location listed in 1.2, including deck attachments, using 2.2 and 2.3 for guidance.

(V)(G) "JOINT VISUAL INSPECTION"

3.1.1 Accomplish a joint visual inspection with the Barge Master/COR of the prepared deck plating surfaces prior to application of coatings for structural integrity, deterioration, pitting, cracks, and areas of damage or distortion, using 2.2 and 2.3 for guidance.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.1.1.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.1.1, to the TPOC/COR, showing exact locations, quantities and conditions of deficiencies and recommendations for repairs. **(CDRL A003)**

4. NOTES:

4.1 Work in conjunction with Work Items 123-21-001, Void; clean, inspect, and preserve, 582-11-001, Mooring and Towing Fitting; inspect and repair, 612-11-001, Stanchion and Lifeline; install, and 634-21-001,

Nonskid Deck Covering; replace.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	631-31-001
COAR:	16	PCN:	SERV-L079
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Underwater Hull and Freeboard Preservation; accomplish

1.2 Location of Work:

1.2.1 Underwater Hull and Sides Up to the Recorded Draft Line, including Appendages

1.2.2 Freeboard from the Recorded Draft Line Up to Main Deck including Pipe Fendering and Appendages

1.3 Identification:

1.3.1 Quantity (20 EA), D-Shaped Fender, Piece No. 12 of 2.2

1.3.2 Quantity (4 EA), Precurved D-Shaped Fender, Piece No. 13 of 2.2

1.3.3 Quantity (2 EA), D-Shaped Fender, Piece No. 14 of 2.2

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 611-7010385 Rev 0, Open Lighter YC 1646 Series Bumper Arrangement

2.3 633-7010389 Rev 1, Open Lighter YC 1646 Series Anode Location and Docking Plan

2.4 602-7010387 Rev 0, Open Lighter YC 1646 Series Hull Markings

3. REQUIREMENTS:

3.1 Immediately upon drydocking or within 24 hours after drydocking, wash down the hull and freeboard surfaces listed in 1.2 using a high-pressure water washing system, at a minimum pressure of 3,000 PSI, removing surface contaminates and loose non-adhering paint. Surfaces must be free of oil, grease, dirt, soil, salts and contaminants.

3.1.1 Accomplish containment and disposal of all contaminated hydro wash water.

3.2 Record locations of upper and lower boot topping limits, draft marks, Barge name and hull number. Verify location of weld marks for re-establishing layout after underwater hull and freeboard preservation, using 2.3 and 2.4 for guidance.

3.3 Remove existing and install new 4 each, Precurved D-Shaped Fender, Piece No. 13 of 2.2 including new hardware Pc Nos. 7, 8 and 9 of 2.2 as designated by the Barge Master/COR.

3.4 Mask and protect existing D-Shaped Fender listed in 1.3 and located in 1.2.2 to protect during preservation operations.

3.5 Accomplish the requirements of 009-032 of 2.1, including Table One, Line 5, for surfaces listed in 1.2.1, using 2.3 and 2.4 for guidance.

3.6 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line 4 for surfaces listed in 1.2.2, using 2.3 and 2.4 for guidance.

3.6.1 Apply hull markings recorded in 3.2.

3.7 Remove masking protection installed on D-Shaped Fender in 3.4.

3.8 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 Known source for Rubber Fenders:

Pacific Marine & Industrial

Division of Quality Pacific Manufacturing, Inc.

P.O. Box 70520

Richmond, CA, USA 94807

Phone (United States Pacific Standard Time): 001-510-233-2310

Info@PacificMarine.net

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	633-11-001
COAR:	16	PCN:	SERV-L080
		CMP:	NONE
		PLANNER:	ROBERTS, JEARLD DEMERS, RAY

1. SCOPE:

1.1 Title: Hull Cathodic Protection Sacrificial Anode; replace

1.2 Location of Work:

1.2.1 Underwater Hull

1.3 Identification:

1.3.1 Quantity (56 EA), Cathodic Protection Sacrificial Anode, Type ZHC-42, 12-inches by 6-inches by 2.5-inches thick, conforming to MIL-A-18001, Class One.

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 633-7010389 Rev 1, Open Lighter YC 1646 Series Anode Location and Docking Plan

2.3 803-0921865 Rev T, Cathodic Protection Sacrificial Anodes

3. REQUIREMENTS:

3.1 Remove existing and install new each cathodic protection sacrificial anode listed in 1.3 and located in 1.2 as designated by the Barge Master/COR, using 2.2 and 2.3 for guidance. Template exact configuration and location from existing Barge conditions.

3.1.1 Observe safety and health precautions of General Note 22 of 2.3.

3.1.2 Remove damaged and install new CRES 316 studs Pc No. 22, conforming to the material requirements of 2.3.

3.1.2.1 Weld repair gouges resulting from removals.

3.1.2.2 Chip and grind each surface flush and smooth in way of removals.

3.1.2.3 Accomplish the requirements of 009-012 of 2.1 including Table 3, Columns A and D, Lines One through 7.

3.1.3 Accomplish the requirements of 009-032 of 2.1 for new and disturbed surfaces prior to installation of cathodic protection sacrificial anodes.

3.1.3.1 The areas covered by cathodic protection sacrificial anodes must receive a complete underwater hull preservation system prior to installing each anode. Do not paint the cathodic protection sacrificial anodes.

3.1.4 Install new CRES self-locking nuts Pc. No. 20, and CRES lock washers Pc. No. 21, conforming to the material requirements of 2.3.

3.1.5 Torque each new cathodic protection sacrificial anode

retaining nut, in accordance with Table 4 and General Note 11 of 2.3.

(V)(G) "RESISTANCE TEST"

3.1.5.1 Test each new cathodic protection sacrificial anode to verify electrical resistance between the anode surface and the adjacent metal craft structure is less than 0.1 Ohm, in accordance with General Note 6 of 2.3.

3.1.5.2 Apply antiseize compound conforming to A-A-59313 to all threaded areas of nuts, screws and studs.

3.2 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 Surface preparation and preservation of hull is covered on Work Item 631-31-001, Underwater Hull and Freeboard Preservation; accomplish.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	634-21-001
COAR:	16	PCN:	SERV-L081
		CMP:	NONE
		PLANNER:	DEMERS, RAY ROBERTS, JEARLD

1. SCOPE:

1.1 Title: Nonskid Deck Covering; replace

1.2 Location of Work:

1.2.1 Main Deck, Forward Perpendicular to Aft Perpendicular, Port and Starboard

1.3 Identification:

1.3.1 Quantity (32 EA), 5-Feet X 20-Feet X 3/4-inch Steel Doubler Plate

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 YC/YFN-600-2536090 Rev B, Mooring-Towing Arrgt

2.3 611-7010384 Rev 0, Open Lighter YC 1646 Series Deck Arrangement and Details

2.4 612-7010382 Rev 1, Open Lighter YC 1646 Series Handrail Details

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line 21, Column A for a total of 3200 square feet of deck surfaces in location listed in 1.2 as designated by the Barge Master/COR, using 2.2 through 2.4 for guidance.

(V)(G) "JOINT VISUAL INSPECTION"

3.1.1 Accomplish a joint visual inspection with the Barge Master/COR of the prepared deck plating surfaces prior to application of coatings, for structural integrity, deterioration, pitting, cracks, and areas of damage or distortion, using 2.2 through 2.4 for guidance.

Report: INSPECTION RESULTS (WC) - WORK COMPLETE + 3 days

3.1.1.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.1.1, to the Barge Master/COR, showing exact locations, quantities and conditions of deficiencies and recommendations for repairs. **(CDRL A003)**

3.2 Apply a High Performance, Medium Flow, Epoxy Grout moisture-tolerant, epoxy anchorage protection system similar or equal to Sikadur 42 Grout-Pak PT to fill the approximate 1-1/2 inch wide periphery gap between the equipment listed in 1.3 and located in 1.2.

3.2.1 Apply the product in accordance with the manufacturer's instructions.

(V)(G) "SURFACE CLEANLINESS"

3.2.2 Accomplish a visual inspection of surface substrate preparation and other contact areas to verify each substrate surface cleanliness and ensure each area must be clean, dry and free from contaminants such as dirt, oil, grease, existing surface treatments and coatings.

(V)(G) "APPLICATION RESULTS"

3.2.3 Accomplish a visual inspection of the final product application and verify complete coverage. Verify no gaps between each substrate and sufficient epoxy grout applied to prevent dirt trapped or other foreign material in between the plates. Allowable defects: None.

3.3 Accomplish the requirements of 009-032 of 2.1, including Table 2, Line 21, Columns B through E for a total of 3200 square feet of nonskid deck surfaces prepared in 3.1, using 2.2 through 2.4 for guidance.

4. NOTES:

4.1 Work in conjunction with Work Items 612-11-001, Stanchion and Lifeline; install, and 631-11-001, Main Deck Exterior; clean and preserve.

4.2 Known Source for Sikadur 42 Grout-Pak PT:

EMI Supply, Inc.

5502 Cannon Drive

Monroe, NC 28110

Phone: 888-721-3641

service@emisupply.com

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	992-11-001
COAR:	16	PCN:	SERV-L082
		CMP:	NONE
		PLANNER:	DEMERS, RAY ROBERTS, JEARLD

1. SCOPE:

1.1 Title: Towing Service; provide

1.2 Location of Work:

1.2.1 Not Applicable

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 SL740-AA-MAN-010, U.S. Navy Towing Manual (01 July 2002)

2.3 COMDTINST M16672.2D, U.S. Department of Transportation United States Coast Guard, Navigation Rules, International-Inland

3. REQUIREMENTS:

3.1 Provide pilot, towing bridle and towboat service and tow the YC-1600 from Portsmouth Naval Shipyard, Seavey Island, Kittery, Maine to the Contractor's plant using 2.2 for guidance. Return the Barge to Portsmouth Naval Shipyard, Seavey Island, Kittery, Maine when directed by the Barge Master/COR.

3.1.1 Pickup and return of the Barge must be accomplished between the hours of 0800 and 1500 Monday through Friday.

3.2 Install and maintain lights in accordance with 2.2 and 2.3.

3.2.1 Install towing lights located on the Stern, port and starboard.

3.2.1.1 Install Government Furnished Material (GFM) provided in 5.1.

3.3 Provide self contained gasoline powered portable emergency bilge pumps, minimum capacity of 250 GPM, with suction and discharge hoses and fuel.

3.4 Provide and maintain 2-way radio communication between the towing tug and the YC-1600 Barge at all times while the Barge is manned.

3.5 Install mooring lines provided as GFM in 5.1.

3.6 Maintain the Barge in a seaworthy condition during towing in accordance with 2.2 and 2.3.

3.7 Prior to towing the Barge, accomplish the following:

3.7.1 Lash equipment present to prevent damage during rough seas.

3.7.2 Secure hatches and openings.

3.8 Upon completion of the tow, remove the equipment installed in

previous paragraphs and return the Barge to its original condition.

3.8.1 Unlash the equipment lashed during the tow and return to the original location.

3.8.2 Remove covers installed in 3.6 to maintain seaworthy conditions.

3.9 Accomplish the requirements of 009-012 of 2.1, including Table 3, Column A, Lines One through 7.

3.10 Secure the Barge to the pier upon return to Portsmouth Naval Shipyard, Seavey Island, Kittery, Maine.

3.11 Accomplish the requirements of 009-032 of 2.1 for each new and disturbed surface.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: NAVSUPPACT PORTSMOUTH NSY (CNIC 32446) ITEM NO: 992-11-002

COAR: 16 PCN: SERV-L083

CMP: NONE

PLANNER: DEMERS, RAY

1. SCOPE:

1.1 Title: Temporary Service; provide

1.2 Location of Work:

1.2.1 Not Applicable

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 None

3. REQUIREMENTS:

3.1 Movement of the YC-1600 Barge within the Contractor's facility must be the responsibility of the Contractor.

3.2 Provide a minimum of one well-lighted gangway and landing platform at all times. Gangways and landing platforms must be a minimum of 3 feet in width and designed and constructed to support 75 pounds per square foot.

3.2.1 Install safety nets under gangways and platforms.

3.2.1.1 Safety nets must extend six feet on each side of gangway or platform.

3.2.2 Maintain gangways free of dirt, debris, ice, snow, and foreign matter.

3.2.3 Inclination of gangway must not exceed 45 degrees.

3.2.4 The entire length of the gangway and adjacent areas must be illuminated with weathertight lights, shielded to prevent temporary blinding of personnel.

3.3 Disconnect and remove temporary services when directed by the Barge

Master/COR. 4.

NOTES: 4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	992-31-001
COAR:	16	PCN:	SERV-L084
		CMP:	NONE
		PLANNER:	DEMERS, RAY

1. SCOPE:

1.1 Title: Cleaning and Pumping; accomplish

1.2 Location of Work:

1.2.1 Void No. One, Fwd Perpendicular to Bhd 2, Port and Stbd

1.2.2 Void No. 2, Bhd 2 to Bhd 4, Port and Stbd

1.2.3 Void No. 3, Bhd 4 to Bhd 6, Port and Stbd

1.2.4 Void No. 4, Bhd 6 to Bhd 8, Port and Stbd

1.2.5 Void No. 5, Bhd 8 to Bhd 10, Port and Stbd

1.2.6 Void No. 6, Bhd 10 to Aft Perpendicular, Port and Stbd

1.3 Identification:

1.3.1 Quantity (12 EA), 15-inch X 23-inch, Raised (with 3-inch Coaming), Bolted Plate Manhole Cover

2. REFERENCES:

2.1 NAVSEA Standard Items, (FY-26)

2.2 S9086-CJ-STM-010/CH-075, Fasteners

2.3 MIL-HDBK-291, Military Handbook Cargo Tank Cleaning

3. REQUIREMENTS:

3.1 Open, ventilate, empty, clean, render dry, and maintain "Safe for Workers" and/or "Safe for Hot Work" any tank, void or space including adjacent tanks, spaces, or piping systems where the scope of repairs will result in a need for certification during the performance of this Job Order.

3.1.1 Voids listed in 1.2 must be certified and maintained throughout the availability.

3.1.2 Ensure that harmful vapors, fumes, and mists are ventilated to the exterior of the vessel.

3.1.3 Clean and inspect each removed fastener for wear and defects, using Paragraph 075-8.3 of 2.2 for accept or reject criteria. Retain fasteners found acceptable for reuse.

Report: MANHOLE COVER LIST — (WC) - WORK COMPLETE + 2 days

3.1.4 Submit one legible copy, in electronic media, of a report listing the location, origin, and quantity of each manhole cover removed in 3.1 with respect to its void, Barge's frame and distance off centerline to the TPOC/COR. **(CDRL A008)**

3.2 Dispose of liquids in accordance with federal, state, and local laws, codes, ordinances or regulations.

(V)(G) "INSPECT VOID CLEANLINESS"

3.3 Inspect each void for cleanliness prior to final closing.

3.3.1 Confirm that all personnel have exited the space prior to closure of tanks, voids, and cofferdams. Designate one person to account for all personnel who may have entered the space.

3.3.2 Install each manhole cover listed in 1.3.1, using new 1/8-inch gasket conforming to Mil-PRF-1149, Type I, Class 1, using fasteners retained in 3.1.3.

3.3.2.1 Install new a total of 10 hex head cap screws, including associated washers found unacceptable resulting from inspection in 3.1.3.

3.3.2.2 Apply anti-seize compound to the dogging bolts for 2 each Dogged/Hinged Manhole listed in 1.3.2.

Report: INSPECTION PERSONNEL (WC) - WORK COMPLETE + 3 days

3.3.3 Submit one legible copy, in electronic media, of a report listing the names of personnel who were present during inspection to the TPOC/COR within 72 hours after completion of final closing. **(CDRL A009)**

4. NOTES:

4.1 For the purpose of this Work Item, the term "tank or space" includes voids, cofferdams, and inaccessible or confined areas.

4.2 Associated piping is defined as, "An assembly of pipe, tubing, valves, fittings and related components forming a whole or a part of a system which starts or terminates in subject area, thus being common to and associated with same."

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

ATTACHMENT A

INVENTORY SCHEDULE - PETROLEUM PRODUCTS

SHIP: _____ CONTRACTOR: _____ SUBCONTRACTOR: _____CONTRACT NO._____LOT NO. _____

TANK NO.	TYPE OF PETROLEUM PRODUCT	ITEM NO.	PUMPED TO TANK/TRUCK BARGE NO.	DATE REMOVED FROM SHIP	TAPE READING		NUMBER GALLONS REMOVED	REMARKS
					START	FINISH		

SIGNATURES

NFD DIRECTOR _____

CONTRACTOR/SUBCONTRACTOR AUTHORIZED REPRESENTATIVE _____

SHIP'S COMMANDING OFFICER'S AUTHORIZED REPRESENATATIVE _____

1. SCOPE:

1.1 Title: Drydock, Fleet and Undock; accomplish

1.2 Location of Work:

1.2.1 Contractor's Plant

1.3 Identification:

1.3.1 YC-1600 Barge

2. REFERENCES:

2.1 MIL-STD-1625 Rev D, Safety Certification Program for Drydocking Facilities and Shipbuilding Ways for U.S. Naval Ships

2.2 633-7010389 Rev 1, Open Lighter YC 1646 Series Anode Location and Docking Plan

2.3 S9806-7G-STM-010/CH 997, Docking Instructions and Routine Work in Drydock

2.4 S9806-CH-STM-010/CH-074, Chapter 074, Volume 1, Welding and Allied Processes

3. REQUIREMENTS:

3.1 Furnish a sound dock, qualified personnel and necessary equipment, all certified in accordance with 2.1, to dock the Barge listed in 1.3.

3.1.1 Proposals from bidders requesting the use of uncertified docking facilities must be accomplished by the following requirements.

3.1.1.1 A current independent engineering assessment (no more than one calendar year old) of the proposed facility, verifying that it is structurally and operationally safe.

3.1.1.2 A certificate signed by a person authorized to sign offers, verifying that the facility is presently safe.

3.1.1.3 Engineering stability calculations in accordance with 2.1 and 2.3 verifying that the facility is presently safe.

3.1.2 Use of a certified dock master and a trained docking crew in accordance with 2.1 is required when using an uncertified docking facility.

3.1.3 Provide the services of dockmaster who has been certified by the contractor and accepted by the Barge Master/COR. Provide the necessary supporting personnel to satisfactorily accomplish the docking.

3.1.4 Provide tugs, pilots and personnel for the complete transfer, docking and undocking of the Barge.

Report: STABILITY DATA (WC) - WORK

COMPLETE - 5 days

3.2 Submit one legible copy, in hard copy or approved transferrable media of stability data for this particular drydocking to the TPOC/COR within 5 working days before scheduled docking, in accordance with 2.3, based on data provided in 2.2. Information must include list trim, strength, and stability calculations as required by 2.3, and proposed ballast requirements. **(CDRL A010)**

3.3 Provide, set and align the blocks in accordance with 2.2. Position blocking to ensure that equipment on the surface of or protruding from underwater hull must not be damaged and must be accessible for removal and repairs. Provide at least the minimum clearance between the Barge hull and drydock necessary to perform drydock work. The minimum clearance must comply with the requirements of 2.2. Ensure that hull openings must not be obstructed. Should the Contractor propose any deviation from 2.2, the proposals must be submitted in writing to the Barge Master/COR within 10 days following award, or 3 days prior to the scheduled docking (whichever comes first).

3.3.1 Proposed deviations must include supporting data substantiating that the block loading pressures are limited to a maximum of 20 long tons per square foot and that at least 90 percent of blocks land on longitudinal strength members or main transverse bulkheads.

3.3.2 Crib and brace blocking in excess of six feet in height in accordance with 2.3 using the drawing applicable to the contractor's type of docking facility.

3.3.3 Blocking must be constructed of hardwood or composite concrete/hardwood and soft caps with at least two inches of soft cap thickness.

(V)(G) "BLOCK INSPECTION"

3.4 Accomplish an inspection of blocking, using Paragraph 997-2.2.3.3 of 2.3 for guidance. Accomplish a final block inspection with the Barge Master/COR at least four hours prior to flooding the dock.

(V)(G) "DRYDOCKING"

3.5 Drydock the Barge in Position 2 of 2.2 in accordance with 2.1 and 2.3.

3.5.1 Immediately after the Barge is drydocked, inspect the fit on the blocks. Provide necessary shimming between blocking and hull in the event of hull movement due to shifting of Barge load.

3.5.2 Accomplish visual inspection of the hull coating and cathodic protection of the entire underwater hull, hull penetrations and appendages from keel to lower boottop for deteriorated conditions.

Report: INSPECTION RESULTS

(WC) - WORK COMPLETE + 3 days

3.5.2.1 Submit one legible copy, in hard copy or approved transferrable media, of a report listing results of the requirements of 3.5.2 to the TPOC/COR. **(CDRL A011)**

3.6 Electrically connect Barge hull when in drydock to the established connection point at the bow and stern of the Barge with minimum 500,000 circular mil cables and ground connection in drydock for protection against lightning and other static charges in accordance with Section 5 of 2.4.

3.6.1 The static ground leads must be connected to the Barge being docked before water is pumped to one foot above keel level.

(V)(G) "FLEET BARGE"

3.7 Fleet Barge to expose hull areas under blocks, to permit 100 percent cleaning, inspection and preservation of underwater hull.

Report: DRYDOCK COMPLETED WORK (WC) - WORK COMPLETE - 1 day

3.8 Submit one legible copy, in hard copy or approved transferrable media, of a report to the TPOC/COR 24 hours prior to undocking certifying that the contractor's work in specifications requiring the Barge to be in drydock is complete. **(CDRL A012)**

3.9 Remove all temporary lines prior to undocking.

3.10 Undock the Barge at a date and time mutually agreed upon by the Barge Master/COR and the contractor.

(V)(G) "WATERTIGHT INTEGRITY INSPECTION"

3.11 Immediately after hull penetrations are submerged, but before the Barge lifts off the blocks, stop flooding the drydock. Accomplish a watertight integrity inspection of all contractor work affecting watertightness of the hull and hull penetrations below the water level with the Barge Master/COR. Continue flooding of the dock when directed by the Barge Master/COR.

Report: RECORDED CHANGES/NAVSEA FORMS (WC) - WORK COMPLETE + 3 days

3.12 Submit one legible copy, in hard copy or approved transferrable media, of NAVSEA Forms 9997/1 through 9997/5 providing a record of any changes in Barge configurations, such as major weight alterations, cathodic protection installation major hull or shell plating renewals and repairs, or underwater hull and tank preservation to the TPOC/COR no later than 3 working days after undocking the Barge.**(CDRL A013)**

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	NAVSUPPACT PORTSMOUTH NSY (CNIC 32446)	ITEM NO:	998-41-001
COAR:	16	PCN:	SERV-L086
		CMP:	NONE
		PLANNER:	DEMERS, RAY

1. SCOPE:

1.1 Title: Hazardous Waste Produced on Naval Vessel; control

1.2 Location of Work:

1.2.1 Throughout the Barge

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 42 U.S.C. 6921, Title 42, The Public Health and Welfare, Chapter 82 Solid Waste Disposal, Subchapter III Hazardous Waste Management 2018 Edition

2.2 49 U.S.C. 5103, Title 49, Transportation, Subtitle III - General and Intermodal Programs Chapter 51 - Transportation of Hazardous Material

2.3 10 U.S.C., 8681, Repair or Maintenance of Naval Vessels: Handling of Hazardous Waste

3. REQUIREMENTS:

3.1 Manage and dispose of hazardous waste listed in 3.5 in accordance with 2.1 and 2.2.

Report: HAZARDOUS WASTE MANIFEST — (WC) - WORK COMPLETE + 2 days

3.1.1 Submit one legible copy, in hard copy or approved transferrable media, of Attachment A, signed by the owner or operator of the disposal facility to the TPOC/COR within 48 hours of receipt from owner or operator of disposal facility. **(CDRL A014)**

3.1.2 Manage and transport for Navy disposal, Navy-generated hazardous waste listed in 3.5 in accordance with 2.1 and 2.2, as designated by the Barge Master/COR.

3.2 Complete documentation required by 2.1 and 2.2, using EPA or delegated state environmental agency identification number in accordance with 2.3.

3.2.1 Documentation related to hazardous waste generated solely by the physical actions of Ship's Force or Navy employee (termed Navy-Generated Hazardous Waste) on board the vessel must only bear a generator identification number issued to the Navy pursuant to applicable law. The contractor must obtain SUPERVISOR'S concurrence with the categorization of the waste as Navy-generated before completion of the manifest. The manifest prepared must be presented to the Barge Master/COR for completion after the hazardous waste has been

identified.

3.2.2 Documentation related to hazardous waste generated solely by each physical action of contractor personnel (termed Contractor-Generated Hazardous Waste) must bear a generator identification number issued to the contractor pursuant to applicable law. Regardless of the presence of other material in or on each shipboard system or structure which may have qualified a waste stream as hazardous, where the contractor performs work on a system or structure using a material (whether or not the use of such material was specified by the Navy) which by themselves would cause the waste from such work to be a hazardous waste, documentation related to such waste must only bear a generator number issued to the contractor.

3.2.3 Documentation related to hazardous waste generated by each combined physical action of Navy and contractor personnel (termed Co-Generated Hazardous Waste) must bear a generator identification number issued to the contractor pursuant to applicable law and must also cite in the remarks block a generator identification number issued to the Navy pursuant to applicable law. When the contractor merely drains a system and such drainage creates hazardous waste or the contractor performs work on system or structure a material which by themselves would not cause the waste from such work to be hazardous waste, but such work nonetheless creates a hazardous waste, documentation related to such waste must bear a generator identification number issued to the contractor and must also cite in the remarks block a generator identification number issued to the Navy. The contractor must sign the generator certification on the Uniform Hazardous Waste Manifest whenever use of the manifest is required for disposal. The contractor must obtain SUPERVISOR's concurrence with the categorization of each waste as co-generated before completion of the manifest. Each manifest prepared must be presented to the Barge Master/COR for completion after the hazardous waste has been identified.

3.3 While performing work at a Government facility, if the contractor cannot obtain a separate generator identification number from the state in which the availability will be performed, the contractor must notify the Barge Master/COR within 3 business days of receipt of written notification by the state. After obtaining approval of the Barge Master/COR, the contractor must use the Navy site generator identification number and insert in the remarks block the contractor generator identification number issued for the site where his main facilities are located.

3.4 In support of each availability at a contractor-owned or controlled facility, if the Navy cannot obtain a separate generator identification number for use at a contractor facility, the Navy must notify the contractor within 3 business days of receipt of notification by the state. The contractor must dispose of hazardous waste in accordance with 2.1, 2.2, and 3.2.3.

3.5 Remove and dispose of hazardous waste from the location in 1.2. (See Attachment B)

3.6 Notify the Barge Master/COR at least one working day prior to shipment of hazardous waste for disposal.

Report: HAZARDOUS WASTE LISTING (WC) - WORK COMPLETE + 3 days

3.7 Submit one legible copy, in hard copy or approved transferrable media, of a report identifying type, amount, and disposal cost of waste listed on Attachment A that was removed during the performance of this Job Order to the TPOC/COR. **(CDRL A015)**

3.7.1 The report must include analysis or other method used to identify the waste and state whether each listed waste was hazardous (with generator assignment), non-hazardous, or did not exist.

3.7.1.1 Chemical analysis must be accomplished by a laboratory with a state or EPA approved quality assurance program.

3.7.2 The contractor must make an effort to minimize hazardous waste generation by reducing the volume or toxicity by neutralizing, recycling, or otherwise removing it from each requirement of Subtitle C of 2.1 and include a description of each effort in the report.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.