

DEPARTMENT OF THE NAVY  
Southwest Regional Maintenance Center

3755 Brisner St. Suite 4  
SAN DIEGO, CALIFORNIA 92136-5205



HAMPTON (SSN-767)

SPECIFICATIONS FOR WORK TO BE ACCOMPLISHED

SPECIFICATION NUMBER: SSP:SSSD-051-13

28 FEB 2013

DATE PREPARED

## I N D E X

ITEMS THAT ARE STRUCK OUT ON THIS INDEX DO NOT APPLY TO THIS CONTRACT.

CATEGORY I. FY-13 STANDARD ITEMS APPLICABLE TO THIS JOB ORDER WITHOUT FURTHER REFERENCE

<u>ITEM NO.</u>	<u>TITLE</u>	<u>DATE</u>
009-01	General Criteria; accomplish	29-JUL-11
009-02	Environmental Compliance Reports for Material Usage at Naval Facilities; provide	29-JUL-11
009-03	Toxic and Hazardous Substances; control	29-JUL-11
009-04	Quality Management System; provide	29-JUL-11
<del>009-05</del>	<del>Temporary Accesses; provide</del>	<del>29-JUL-11</del>
<del>009-06</del>	<del>Maintaining Protection and Cleanliness from Non-Radioactive Contaminate-Producing Operations; accomplish</del>	<del>17-OCT-12</del>
<del>009-07</del>	<del>Confined Space Entry, Certification, Fire Prevention and Housekeeping; accomplish</del>	<del>14-DEC-12</del>
<del>009-08</del>	<del>Fire Protection at Contractor's Facility; accomplish</del>	<del>17-OCT-12</del>
<del>009-10</del>	<del>Shipboard Asbestos-Containing Material (ACM); control</del>	<del>29-JUL-11</del>
009-18	Magnetic Material; control	29-JUL-11
<del>009-19</del>	<del>Provisioning Technical Documentation (PTD); provide</del>	<del>29-JUL-11</del>
<del>009-20</del>	<del>Government Property; control</del>	<del>29-JUL-11</del>
<del>009-21</del>	<del>Logistics and Technical Data; provide</del>	<del>29-JUL-11</del>
009-23	Interferences; remove and install	29-JUL-11
<del>009-24</del>	<del>Authorization, Control, Isolation, Blanking, and Tagging Requirements; accomplish</del>	<del>08-DEC-11</del>
009-29	Asbestos-Free Pipe Hanger Liner Material; install	29-JUL-04
<del>009-34</del>	<del>Fire Protection of Unmanned Vessels at Contractor's Facility; provide</del>	<del>15-JUN-12</del>
<del>009-35</del>	<del>Confined Space Entry, Certification, Fire Prevention Utilizing Military Fire Watches, and Housekeeping; accomplish</del>	<del>17-OCT-12</del>

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<del>009-39</del>	<del>Technical Manual Contract Requirement (TMCR) for New Technical Manuals for Commercial Equipment/ Component; provide</del>	<del>19-JUL-07</del>
<del>009-40</del>	<del>Requirements for Contractor Cranes, Multi-Purpose Machines and Material Handling Equipment at Naval Facilities; accomplish</del>	<del>29-JUL-11</del>
<del>009-59</del>	<del>Organotin Antifouling Material; control</del>	<del>29-JUL-11</del>
<del>009-60</del>	<del>Schedule and Associated Reports for Availabilities Over 9 Weeks in Duration; provide and manage</del>	<del>29-JUL-11</del>
009-61	Shipboard Use of Fluorocarbons; control	24-JUL-09
<del>009-64</del>	<del>Synthetic Fire-Resistant Hydraulic Fluid; control</del>	<del>29-JUL-11</del>
009-65	Polychlorinated Biphenyls (PCBs); control	29-JUL-11
<del>009-67</del>	<del>Integrated Total Ship Testing; manage</del>	<del>29-JUL-11</del>
<del>009-69</del>	<del>Heavy Weather Plan; provide</del>	<del>15-JUN-12</del>
<del>009-70</del>	<del>Confined Space Entry, Certification, Fire Prevention and Housekeeping for Unmanned Vessels; accomplish</del>	<del>17-OCT-12</del>
<del>009-72</del>	<del>Physical Security at Private Contractor's Facility; accomplish</del>	<del>29-JUL-11</del>
<del>009-73</del>	<del>Shipboard Electrical/Electronic/Fiber Optic Cable; remove, relocate, repair, and install</del>	<del>29-JUL-11</del>
009-74	Occupational, Safety and Health Requirements; accomplish	17-OCT-12
<del>009-77</del>	<del>Cofferdam Requirements; accomplish</del>	<del>29-JUL-11</del>
<del>009-79</del>	<del>Government Owned Material (GOM); status reporting</del>	<del>29-JUL-11</del>
<del>009-80</del>	<del>Ship's Facilities; provide</del>	<del>29-JUL-11</del>
<del>009-81</del>	<del>Compartment Closeout; accomplish</del>	<del>29-JUL-11</del>
<del>009-82</del>	<del>Data Requirements When Installing an Equal Component Vice Specified Component; provide</del>	<del>29-JUL-11</del>
<del>009-83</del>	<del>Wire Rope Fitting Verification; provide</del>	<del>29-JUL-11</del>

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<del>009-84</del>	<del>Accountability of Temporary Fasteners; provide</del>	<del>29-JUL-11</del>
009-86	Recovery of Chlorofluorocarbon (CFC) Refrigerants and Fire Suppressant Halon (H) Materials; accomplish	01-AUG-08
<del>009-87</del>	<del>Chemical Disinfection Procedures; accomplish</del>	<del>29-JUL-11</del>
<del>009-88</del>	<del>Collection, Holding and Transfer (CHT) and Mogas Tanks, Spaces, and Piping, including Sewage or Mogas-Contaminated Tanks, Spaces, and Piping; certify</del>	<del>29-JUL-11</del>
<del>009-89</del>	<del>Purchase and Inspection Requirements for Contractor Furnished Anodes; accomplish</del>	<del>29-JUL-11</del>
<del>009-93</del>	<del>Emergency Planning and Community Right-to-Know Act (EPCRA) and Pollution Prevention Act (PPA) Information; provide</del>	<del>29-JUL-11</del>
<del>009-94</del>	<del>General Environmental Requirements for Work at Contractor's Facility; accomplish</del>	<del>29-JUL-11</del>
<del>009-95</del>	<del>Mechanically Attached Fittings (MAF's) for Piping Systems; install</del>	<del>29-JUL-11</del>
<del>009-97</del>	<del>Shipbuilding and Ship Repair Operations National Emission Standard for Hazardous Air Pollutants (NESHAPS) for Surface Coating Information; provide</del>	<del>29-JUL-11</del>
<del>009-99</del>	<del>Ship Departure Report; provide</del>	<del>30-JUL-10</del>
<del>009-100</del>	<del>Ship's Stability Process Control Procedure (PCP); maintain</del>	<del>30-JUL-10</del>
<del>009-101</del>	<del>Requirements for Mooring, Entry to and Departure from Contractor's Facility; accomplish</del>	<del>29-JUL-11</del>
<del>009-102</del>	<del>Alteration Verification; provide</del>	<del>29-JUL-11</del>
<del>009-103</del>	<del>Weight and Moment Change Data; provide</del>	<del>29-JUL-11</del>
<del>009-106</del>	<del>Work Authorization Form Coordinator (WAFCOR); provide</del>	<del>30-JUL-10</del>
<del>009-108</del>	<del>Aircraft Carrier Requirements for Mooring, Entry to, Movement within, and Departure from Contractor's Facility; accomplish</del>	<del>29-JUL-11</del>
009-109	Special Requirements for Non-SUBSAFE Work on SUBSAFE-Certified Vessels; accomplish	29-JUL-11
009-110	Special Requirements for Non-Nuclear Work on Nuclear Vessels; accomplish	29-JUL-11

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009-111      Schedule and Associated Reports for Availabilities 9 Weeks 29-JUL-11  
                 or Less in Duration; provide and manage

~~009-112      Prevention of Radiographic-Inspection Ionizing-Radiation 29-JUL-11~~  
~~Hazards; accomplish~~

~~099-51        Non-Hazardous Liquid Waste Removal Operations at Naval 19-FEB-13~~  
~~Station Mayport; accomplish~~

~~099-60        General Environmental Requirements for Naval Station 19-FEB-13~~  
~~Mayport Availabilities; accomplish~~

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## CATEGORY II. FY-13 STANDARD ITEMS WHICH MAY BE INVOKED IN THE WORK ITEMS OF THIS JOB ORDER

<u>ITEM NO.</u>	<u>TITLE</u>	<u>DATE</u>
009-09	Process Control Procedure (PCP); provide and accomplish	29-JUL-11
009-11	Insulation and Lagging Requirements; accomplish	29-JUL-11
009-12	Welding, Fabrication, and Inspection Requirements; accomplish	29-JUL-11
009-13	Meters; repair and certify calibration	29-JUL-11
009-14	Gages and Thermometers; repair and certify calibration	29-JUL-11
009-15	Rotating Machinery; balance	29-JUL-11
009-16	Electronic Equipment; repair	29-JUL-11
009-17	Rotating Electrical Equipment; repair	29-JUL-11
009-22	Shipboard Electric Cable; test	29-JUL-11
009-25	Structural Boundary Test; accomplish	29-JUL-11
009-26	Deck Covering Requirements; accomplish	29-JUL-11
009-27	Material Identification and Control (MIC) for Level I Systems; accomplish	29-JUL-11
009-28	Cancelled 30 JUL 2010	
009-30	Boiler Sample Tubes; inspect	29-JUL-11
009-31	Boiler Waterjet Cleaning; accomplish	29-JUL-11
009-32	Cleaning and Painting Requirements; accomplish	31-JAN-11
009-33	Rotating Electrical Equipment; rewind	29-JUL-11
009-36	Controller; repair	29-JUL-11
009-37	General Procedures for Woodwork; accomplish	30-JUL-10

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009-38	Boiler Dry Lay-up; accomplish	29-JUL-11
009-41	Technical Manual Contract Requirement (TMCR) for a Topically Structured Technical Manual; provide	19-JUL-07
009-42	Technical Manual Contract Requirement (TMCR) for Updating Technical Manuals; provide	19-JUL-07
009-43	Light-Off Assessment (LOA) Support for Steam Propulsion System; provide	29-JUL-11
009-44	Light-Off Assessment (LOA) Support for Gas Turbine Propulsion System; provide	29-JUL-11
009-45	Tapered Plug Valve; repair	29-JUL-11
009-46	Butterfly Valve, Synthetic and Metal Seated; repair	29-JUL-11
009-47	Gate Valve; repair	29-JUL-11
009-48	Pressure Seal Bonnet Valve; repair (shop)	29-JUL-11
009-49	Pressure Seal Bonnet Valve; repair (in-line)	29-JUL-11
009-50	Horizontal Swing Check Valve; repair	29-JUL-11
009-51	Globe, Globe Angle, and Globe Stop Check Valve; repair	29-JUL-11
009-52	Relief Valve; repair	29-JUL-11
009-53	Bolted Bonnet Steam Valve; repair (shop)	29-JUL-11
009-54	Bolted Bonnet Steam Valve; repair (in-line)	30-JUL-10
009-55	Regulating/Reducing Valve; repair	30-JUL-10
009-56	Main Propulsion Boiler Wet Lay-Up; accomplish	29-JUL-11
009-57	Reduction Gear Security Requirements; accomplish	08-DEC-11
009-58	Pump and Driver Shaft Alignment; accomplish	29-JUL-11
009-62	Boiler Handhole and Manhole Seats and Plates; inspect	29-JUL-11
009-63	Lubricating Oils and Hydraulic Fluids; analyze	29-JUL-11

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009-66	Light-Off Assessment (LOA) Support for Diesel Propulsion System; provide	29-JUL-11
009-68	Bolted Bonnet Valve; repair	29-JUL-11
009-71	Testing Requirements for Piping Systems; accomplish	30-JUL-10
009-75	Circuit Breaker; repair	29-JUL-11
009-76	Waveguide and Transmission Line Temporary Lay-Up, Pressurization, and Purging; accomplish	29-JUL-11
009-78	Passive Countermeasures System (PCMS) Material Repair/Installation Requirements; accomplish	30-JUL-10
009-85	Government Sponsored Planning Yard/Configuration Data Manager (CDM) On-Site Representative Facility; provide	19-JUL-07
009-90	Technical Representative; provide	29-JUL-11
009-91	Propeller In-Place Inspection; accomplish	29-JUL-11
009-92	Resilient Mount; remove and install	29-JUL-11
009-96	Ball Valve; repair	29-JUL-11
009-98	Monel Fasteners; inspect	30-JUL-10
009-104	Vibration Testing and Analysis; accomplish	29-JUL-11
009-105	Thermal Sprayed Coatings for Machinery Component Repair; accomplish	14-JUL-05
009-107	Piping System Cleanliness (Non-Nuclear); accomplish	29-JUL-11
009-113	Rotating Electrical Equipment with Sealed Insulation Systems (SIS); rewind	29-JUL-11
009-114	Mold Remediation; accomplish	30-JUL-10
009-115	Bearing Rebabbiting; accomplish	29-JUL-11
009-116	Auxiliary and Waste Heat Boiler Sodium Nitrate Wet Layup; accomplish	29-JUL-11
009-117	AEGIS Light Off (ALO) Support for AEGIS Weapons Systems Assessments (AWSA); provide	29-JUL-11

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099-77	Requirements When Accomplishing Shipboard Work Using a Government Installed Cofferdam; accomplish	19-FEB-13
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<u>ITEM NO.</u>	<u>TITLE</u>
426-30-001	Depth Sensing System; Chemical(RydLyme)Flush
514-00-001	R-114 A/C System; Troubleshoot / Leak Test
516-10-001	Refrigeration System (R-134A); troubleshoot, repair and manufacture
593-11-001	Tank; pump and clean

BOAT: HAMPTON (SSN-767)

ITEM NO: 426-30-001

COAR: 26-051

PCN: EA01-6565

CMP: NONE

PLANNER: DYER

1. SCOPE:

1.1 Title: Depth Sensing System; Chemical(RydLyme)Flush

1.2 Location of Work:

1.2.1 Lower Level Crews Head

1.3 Identification:

1.3.1 Quantity: (One) each, Depth Sensing Piping System

2. REFERENCES:

2.1 NAVSEA Standard Items

2.2 NN DWG 508-6015265 Rev D, Depth Misc Depth and Capacity Gages

2.3 NN DWG 508-6015266 Rev D, Piping Depth Gages Joint Identification

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-09 of 2.1 for Chemical cleaning of each equipment listed in 1.3.1 using 2.2 and 2.3 for guidance.

3.2 Perform Flush of each equipment listed in 1.3.1 in accordance with PCP generated in 3.1 using 2.2 and 2.3 for guidance.

3.2.1 System connections are located at the filter assemblies (F-12) inboard and outboard stations located in 1.2.1 identified in 2.2 and 2.3.

(V)(G) "OPERATIONAL TEST"

3.3 Perform an Operational Test to verify proof of flow through each equipment listed in 1.3.1.

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 SUPERVISOR.

4. NOTES:

4.1 Ships Force POC is the Ships 3MC.

BOAT: HAMPTON (SSN-767)

4.2 Filter assemblies will be disassembled by S/F to allow access to system.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

BOAT: HAMPTON (SSN-767)

ITEM NO: 514-00-001

COAR: 26-051

PCN: EM01-R023

EM01-R032

CMP: NONE

PLANNER: DYER

1. SCOPE:

1.1 Title: R-114 A/C System; Troubleshoot / Leak Test

1.2 Location of Work:

1.2.1 Engine Room Middle Level (AFT)

1.3 Identification:

1.3.1 Quantity (Two), R-114 Air Conditioning Plant, Units #1(APL; 325010393) and #2(APL; 325010394), MFR; York

2. REFERENCES:

2.1 NAVSEA Standard Items

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-09 of 2.1 for Troubleshooting and Leak Testing each equipment listed in 1.3.1.

3.2 Perform an Operational Test of each Equipment listed in 1.3.1 to allow for troubleshooting plant deficiencies and testing for freon leaks.

3.2.1 Ships Force has noted that both #1 and #2 R-114 Plants shutdown on the Low Refrigerant Temperature Switch. Tech assist with Ships Force on troubleshooting initial identified discrepancies.

3.2.2 Submit one legible copy, in hard copy or approved electronic media, of a report listing results of the requirements of 3.2 for the recommended corrective actions and repairs to the SUPERVISOR.

3.3 Accomplish the requirement of the report submitted in 3.2 to repair and test each equipment identified in 1.3.1. If refrigerant removal is required, Contractor and Ships Force to determine if off load or pump down to the receiver will be sufficient.

3.3.1 Submit one legible copy, in hard copy or approved electronic

BOAT: HAMPTON (SSN-767)

media, of a report listing results of the requirements of 3.3 for the completed repairs and any remaining corrective actions required to the SUPERVISOR.

4. NOTES:

4.1 Ships force point of contact is 3MC.

4.2 The availabilty POP is 25 March 2013 to 28 April 2013.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

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ITEM NO: 516-10-001

COAR: 26-051

PCN: EA01-6604

SS02-R002

CMP: NONE

PLANNER: DYER

1. SCOPE:

1.1 Title: Refrigeration System (R-134A); troubleshoot, repair and manufacture

1.2 Location of Work:

1.2.1 Auxiliary Machinery Room

1.2.2 Walk In Freezer

1.3 Identification:

1.3.1 Quantity: (Two) each, #1 R-134A Plants, APL 060950269, MFR York

1.3.2 Quantity: (One) each, Walk-in Freezer

1.3.3 Quantity: (One) each, R134A Combined Suction Flex Hose

2. REFERENCES:

2.1 NAVSEA Standard Items

2.2 503-5089 Rev K, Refrigeration System- Strength and Tightness Test and Cleaning

2.3 S9086-RW-STM-010/CH-516, Refrigeration System

3. REQUIREMENTS:

3.1 Perform the requirements of 009-90 of 2.1 for repair of refrigeration system components listed in 1.3.1 and 1.3.2.

3.2 Accomplish an operational test to troubleshoot the internal temperatures of the Freeze Box for each equipment listed in 1.3.1 and 1.3.2.

3.2.1 Submit one legible copy, in hard copy or electronic media, of a report listing results of the requirements of 3.2 for the recommended repairs to the SUPERVISOR.

3.2.2 Accomplish the requirements of 009-12 of 2.1 for brazing

BOAT: HAMPTON (SSN-767)

requirements for any discrepancies noted in 3.2.1 if required.

3.3 Restore system to normal operating conditions.

3.3.1 Charge each compressor with freon as required to ensure proper operation.

(V)(G) "OPERATIONAL TEST"

3.4 Accomplish operational test of each equipment listed in 1.3.1 and 1.3.2 located in 1.2.1 under normal operating conditions to prove satisfactory repair and operation.

3.4.1 Submit one legible copy, in hard copy or electronic media , of a report listing results of the requirements of 3.4 to the SUPERVISOR within two days of inspection.

3.4.2 Allowable leakage: None.

3.5 Manufacture new each equipment identified in 1.3.3 and locted in 1.2.1. Ship Check on board flex hose to ensure new manufactured hose will meet ships requirements. Submit a report, in electronic media or hard copy, of a report identifying that the new manufactured equipment was turned over Ships Force for stowage to the SUPERVISOR.

4. NOTES:

4.1 Ships Force point of contact is the 3MC.

4.2 Period of performance is 3/25/2013 thru 4/28/2013

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

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ITEM NO: 593-11-001

COAR: 26-051

PCN: EA01-6597

EA01-6598

CMP: NONE

PLANNER: DYER

1. SCOPE:

1.1 Title: Tank; pump and clean

1.2 Location of Work:

1.2.1 Forward Compartment Lower Level P-Way.

1.2.2 FWD Valve Station

1.3 Identification:

1.3.1 Quantity; (One) Each, Sanitary Tank # 3 , Appr. 800 Gallons

1.3.2 Quantity; (One) Each, Sanitary Tank # 1 , Appr. 1800 Gallons

2. REFERENCES:

2.1 Navsea Standard Items

3. REQUIREMENTS:

3.1 The contractor shall provide all cleaning equipment, holding tank(s), machinery and material, lights and ventilation to accomplish work required in this work item.

3.2 Contractor shall prohibit the wearing of any "yellow" colored clothing or coveralls and utilizing "yellow" colored containers, or equipment.

3.2.1 Ensure equipment internal components are not damaged and paint coating is in intact during the cleaning evolution.

3.3 Clean, vent, gas free and certify each equipment listed in 1.3.1 "Safe For Workers".

3.3.1 Submit 4 legible copies of the certified marine chemist certificate to the SUPERVISOR.

3.4 Accomplish the requirements of 009-09 of 2.1 for the method of cleaning, safety/health guidelines, handling, removal and disposal of residuals in each

BOAT: HAMPTON (SSN-767)

equipment listed in 1.3.1 to SSPC SP-1 in accordance with 009-32 3.10.2. Each Process Control Procedure shall include the following:

3.4.1 Type of cleaning equipment and holding tank(s) to be utilized during cleaning evolutions of tank.

3.4.2 Method of ensuring safe operation of cleaning equipment.

3.4.3 Method utilized and acceptance criteria to ensure complete removal of thick sludges, grease and surface contaminants.

3.4.4 Method to be used to contain and dispose of removed solid particles and residuals from cleaning and rinsing evolutions.

3.4.5 Personnel safety/environmental training.

3.4.6 Providing the services of a qualified safety/environmental coordinator to accomplish work required in this work item.

(V) (G) "CLEANLINESS"

3.5 Notify the SUPERVISOR for surface cleanliness and profile inspection of tank interior surfaces. Advanced notice of one working day is required for inspection notification.

3.5.1 Cleanliness is defined as no visible or detectable by hand touch oil, grease, debris or surface contaminants.

3.5.2 Perform Bacterial testing to certify that Sanitation/disinfecting of tank is satisfactorily accomplished and safe for personnel. Bacterial testing shall include, at a minimum, testing for presence of the Coliform group for each equipment listed in 1.3.1 .

3.5.3 Submit one legible copy, in hard copy or electronic media, of a report listing results of the requirements of 3.5.2 to the SUPERVISOR.

4. NOTES:

4.1 Point of contact is the 3-MC.

4.2 Broken or missing Zinc Anode studs shall be replaced by PNS.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

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1. None.

5.3 KITTED MATERIAL:

1. None.