

NAVSEA STANDARD ITEMS  
FY-19 CH-2 (26 MAR 2018)

CAT II NAVSEA Standard Items 009-59 and 009-64 were **CANCELLED**.  
CAT I NAVSEA Standard Items 009-94 and 009-102 were **CANCELLED**.  
NAVSEA Standard Items 009-65 and 009-79 were changed from a CAT  
I to a CAT **II**.

**The Following is a SUMMARY of the Changes:**

009-05 Temporary Access; accomplish

- Added (See Note 4.4 and 4.5) after last sentence in 3.1.
- Added 4.4 *Drawings provide detailed representations of the proposed area of the access cut rendered to scale. They include exact dimensional data and are normally produced using drawing instruments (i.e., from compasses to computers).*
- Added 4.5 *Sketches are simplified or basic drawings. They are normally locally produced but still fulfill all requirements from this NSI (3.1.2.1 through 3.1.2.6) for the proposed area of the access cut.*

009-08 Shipboard Fire Protection and Fire Prevention; accomplish

- Deleted 3.3.1 Fire pump manual(s), operating instructions, and performance specifications.
- Deleted 3.3.3 List of each ship compartment (by space number) and corresponding uniquely numbered temporary fire hose manifold station(s) providing coverage to that compartment.
- Renumbered 3.3.2, 3.3.4, and 3.3.5-3.3.5.3 to 3.3.1-3.3.3.3.
- Changed 3.3.3.2 to Location of each temporary fire hose manifold station. ("and its elevation relative to the fire pump(s)" was deleted).
- Added 3.3.3.4 *Coverage for all spaces where ship's firemain is inoperative.*
- Changed 3.5 *Provide information on the operation and use of the Temporary Firemain and the Shipboard Temporary Fire Protection Plan at least one day prior to securing ship's firemain and no later than one day prior to entering dry dock, graving dock, or marine railway.*
- Attachment A Added **ARST Salvage Tender 1,000**; Attachment A deleted FFR Radar Picket Frigate 1,000, and LKA Amphibious Cargo Ship 1,500.

009-16 Electronic Equipment; repair

- Added **Record and retain electrical hook-up data** at end of 3.1.

- 3.3.1 Deleted first word "Visually".
- Added **Record results.** at end of 3.1.4.
- Deleted 3.1.4.1 (submit report).
- Added **Record results.** at end of 3.2.
- Changed 3.2.1 Remove existing and install new electrical and mechanical components, assemblies, subassemblies, internal circuitry, and enclosure hardware in place of those identified to be **defective; install new where missing.** New material shall conform to the requirements of 2.1.
- Changed 3.2.1.1 and 3.2.1.2 to start sentence with a verb **Accomplish;** Changed 3.2.1.3 to start sentence with a verb **Ensure.**
- Deleted (V) "INSPECT SHIELDING TERMINATION" prior to 3.3.
- Deleted (V) "INSPECT WIRE CONNECTIONS" prior to 3.4.
- Changed 3.4.1 Remove existing and install new lugs in place of those identified to be **defective, using 2.5 for accept or reject criteria; install new where missing.** New lugs shall conform to SAE-AS7928.
- Deleted (V) "INSPECT WIRE MARKERS" prior to 3.5.
- Changed 3.5.1 Remove existing and install new conductor identification sleeving in place of those identified to be **defective, using 2.5 for accept or reject criteria; install new where missing.** New conductor identification sleeving shall conform to SAE-AMS-DTL-23053, Class One, white, marked with indelible ink.
- Changed 3.5.1.1 **Mark** conductor identification sleeving in accordance with 2.1.;
- Deleted (V) "INSPECT FOR SLACK" prior to 3.7.
- Moved 3.9 to **3.8;** Added new **3.9 Submit one legible copy, in approved transferrable media, of a report listing inspection and test results of 3.1 through 3.5 and 3.7, to include the applicable EMI fixes not installed and EMI fixes that have been improperly installed, a list of discrepancies corrected, and a list of new components and wiring installed, to the SUPERVISOR.**
- Renumbered 3.8 and 3.10 through 3.16 to **3.10 through 3.17.**
- Added (V) (G) "**OPERATIONAL TEST**" prior to 3.16.

009-17 Rotating Electrical Equipment; repair

- To **summarize,** changes were incorporated from 2.REFERENCES to 4.NOTES, including some paragraphs changed, some combined, chronological order revised, extensive paragraph renumbering, some deletions, redundancies eliminated, reports combined, added (G), 14 vice 17 pages in length. Please read NSI.

009-19 Provisioning Technical Documentation (PTD); provide

- Changed 3.4 Submit data for PPLs and SLPPLs via 2.2, or in accordance with the ICAPS compatible format identified in Appendix K of 2.1 **to the SUPERVISOR.** Submit SPSs in approved

transferrable media (spreadsheet or document) **to the SUPERVISOR** within 20 days after the installation of the contractor's component or equipment.

--Deleted 3.4.1 and moved to 4.4.

--Added **4.4 PTD data submit to the SUPERVISOR is forwarding to:**

**NSWCCD-SSES**

**Attn: Code 9451**

**5001 S. Broad St.**

**Philadelphia, PA 19112-5083**

009-21 Alteration Verification, Logistics and Technical Data; provide

--To summarize, incorporated contents of 009-102 (cancelled) with this NSI.

009-33 Rotating Electrical Equipment; rewind

--To summarize, changes were incorporated from 2.REFERENCES to 4.NOTES, including some paragraphs changed, some combined, chronological order revised, extensive paragraph renumbering, some deletions, redundancies eliminated, reports combined, added (G), 14 vice 17 pages in length. Please read NSI.

009-36 Controller; repair

To summarize, deleted 2.5, renumbered 2.6 to 2.5, then changed some paragraphs, some combined, chronological order revised, extensive paragraph renumbering, some deletions, some additions, combined reports, added a (G), redundancies eliminated. Please read NSI.

009-40 Contractor Crane, Multi-Purpose Machine and Material Handling Equipment at a Naval Facility; provide

--Changed 3.7 Develop and maintain on site a critical lift plan in accordance with **Attachment A**. --Changed 3.7.1 Complete and maintain a copy of Attachment **B** for each lift.

--Added new Attachment **A**.

--Renumbered Attachments A and B to **B and C**.

009-59 Organotin Antifouling Material; control **(CANCELLED)**.

009-64 Synthetic Fire Resistant Hydraulic Fluid; control **(CANCELLED)**.

009-65 Polychlorinated Biphenyls (PCBs); control

--Changed from CAT I to **CAT II**.

--Changed 3.1 **Verify equipment identified as containing PCBs for leaks, deterioration, and corrosion prior to opening, removing, or installing equipment.**

--**Changed** 3.2.1 Submit one legible copy, in approved transferrable media, of a report **verifying** wool felt (gasket or damping material), location, and approximate quantity to the SUPERVISOR.

009-70 Confined Space Entry, Certification, Fire Protection, Fire Prevention and Housekeeping for Unmanned Vessels; accomplish

--**Changed** 3.1.1.1 Comply with additional requirements **NAVSEA Standard Items** when accomplishing work in Collection, Holding and Transfer (CHT) and Motor Gasoline (MOGAS) tanks, spaces, or associated piping. **(See Note 4.6)**.

--**Added** **3.1.3.7 Allow Navy civilian and military personnel to enter under the certificate or test / inspection record for inspection purposes.**

--**Changed** 3.4.2 **Liquid oxygen** (LOX) tanks shall be staged in designated locations on the quay wall/pier to be determined jointly by the contractor, **Ship's Force**, and the SUPERVISOR.

--**Changed** beginning of 3.5: Each **inert gas/oxygen depleting (OD)** fuel gas....

--**Deleted** "fuel gas and oxygen" from 3.5.1 through 3.5.5.

--**Deleted** 3.6 (pertaining to inert gas/oxygen depleting (OD) hoses).

--**Renumbered** remaining paragraphs.

--**Added** **3.7.3 Provide a safety representative to accomplish the fire prevention and housekeeping inspection who at a minimum has completed the training required in para 3.1.2 and the following OSHA Training Institute (OTI) courses or NAVSEA approved equivalents: 5410; Occupational Safety and Health Standards for the Maritime Industry, 3095; Electrical Standards.**

--**Added** **3.7.3.1 Submit one legible copy, in approved transferrable media, of the certificates of completion for the required courses upon request by the SUPERVISOR.**

--**Changed** **3.10.1.7 Each Shipboard** firefighting organization, systems, drills, and equipment to include rehabilitation procedures.

--**Added** **4.5 The term "annual" means once a year, not-to-exceed 12 months.**

--**Added** **4.6 When accomplishing work in Collection, Holding and Transfer (CHT) and Motor Gasoline (MOGAS) tanks, spaces, or associated piping is required; the use of Standard Item 009-88 of 2.1 "Collection, Holding and Transfer (CHT) and Motor Gasoline (MOGAS) Tanks, Spaces, and Piping, including Sewage or MOGAS-Contaminated Tanks, Spaces, and Piping; certify" will be specified in the Work Item.**

009-73 Shipboard Electrical/Electronic Cable Procedure; **inspect, test, install, remove, and repair**

--**To summarize**, changes were incorporated in 3.REQUIREMENTS and 4.NOTES, including some paragraphs changed, some combined,

extensive paragraph renumbering, some deletions, 12 vice 13 pages in length. Please read NSI.

009-76 Waveguide and Rigid Coaxial Lay-Up; accomplish

--Deleted 2.1 Equipment Technical Manual.

--Renumbered 2.2 to 2.1.

--Changed 3.1, 3.2, 3.2.1 to delete reference to use equipment tech manual; added **3.1.1.1 Use of ship's dry air control/monitor panels may be an option, but only when lay-up conditions permit, and verified that equipment's dry air control/monitor panels are operational for continuous monitoring of temporary dry air in the equipment space(s).**;

--3.2.2 Changed 2.2 to 2.1.

--Changed 3.2.3 Pressurize each line as **specified for that equipment.**

--Changed 3.3 Remove temporary pressurization when directed by the SUPERVISOR. **If any ship's dry air control/monitor panels were utilized, restore each and verify operational.**

--Changed 3.3.1 Connect **each** dry air....

--3.3.2 Changed 2.2 to 2.1.

--Deleted 4.1 and 4.2.

009-79 Government Owned Material (GOM) Status **for Multi-Ship Multi-Option availabilities**; report

--Changed from CAT I to CAT **II**.

--Changed title.

--Deleted previous 4.1 (included in title) and changed to 4.1 **None**.

009-82 Installation of Equal Component Vice Specified Component; report

--Changed 3.1.7 Submission of the reports **shall be no later than the 50% Conference**.

009-83 Wire Rope Assembly; **fabricate**

--Changed title verb to lowercase.

--Changed 3.4 Submit one legible copy, in **hard copy** or approved transferrable media, of **a report listing the certification and testing of each wire rope to the SUPERVISOR. The report shall list the following information:**

--Added 3.4.1 **Wire Rope testing results in accordance with 2.1.**

--Added 3.4.2 **Certification documentation of qualified assembly personnel in accordance with 2.1 if required.**

--Deleted 3.6 (report of test results, and certification of qualified personnel).

009-90 Technical Representative; provide

--Changed 3.5 Notify the SUPERVISOR upon **initial** arrival and prior to **final** departure of the Technical Representative.

009-94 General Environmental Work at Contractor Facility; accomplish  
**(CANCELLED)** .

009-101 Ship Transit and Berthing; accomplish

--**Changed** 3.1 to **delete** 2<sup>nd</sup> sentence (moor iaw 009-69; was added as  
4.2).

--**Added** **4.2 Mooring requirements are prescribed in 009-69 of 2.1.**

009-102 Alteration Verification; provide **(CANCELLED)**

009-107 Piping System Cleanliness Restoration **and Flushing** (Non-  
Nuclear); accomplish

--**Changed** title.

009-113 Rotating Electrical Equipment with a Sealed Insulation System  
(SIS); rewind

-- **To summarize**, changes were incorporated from 2.REFERENCES to  
4.NOTES, including some paragraphs changed, some combined,  
chronological order revised, extensive paragraph renumbering,  
some deletions, redundancies eliminated, added (G), 14 vice 16  
pages in length. Please read NSI.

009-117 Combat Systems, Light-Off **Support**; provide

--**Changed** title; **changed** 3.1.1 to ...no later than A-30... vice ... during  
the planning phase and no later than A-60...

--3.1.2 **Added** **Alteration Installation Teams (AIT), Ships Force,  
Government-Contracted Third Party Maintenance Providers** near end  
of 2<sup>nd</sup> sentence.

--**Changed** 3.2.1 to submit report at **the 50 Percent Review Conference.  
Submission can be concurrent with reports required by 009-60 and  
009-81 of 2.1.** vice at A+30.

--**Changed** 3.2.3 Accomplish a joint inspection of the compartments to  
be released with the SUPERVISOR, PEO IWS designated Combat  
Systems Project Engineer (if assigned), and Ship's Commanding  
Officer (or designated representative), upon completion  
inspection, **and acceptance** of industrial work and prior to the  
required release date per the CRS. **Inspection can be  
accomplished concurrent with that required by 009-81 of 2.1.**

--3.2.3.4 **Added** **Ensure** at beginning of sentence.

--**Changed** 2<sup>nd</sup> sentence in 3.3.2 to: In these cases, **install/remove**  
temporary decking to allow safe use of the space will be  
installed, and final decking installation will occur at a time  
that does not impede the test program, **as authorized by the  
SUPERVISOR.**

009-123 Fiber Optic Component; inspect, install, repair, remove, and  
test

--To summarize, changes made to title, changed 3.1.2, deleted 3.1.2.1, added main paragraph 3.3 for cable inspection, revised 3.3.17 (now 3.4.12), some additions, chronological order revised, extensive paragraph renumbering, some deletions, added verb at beginning of some paragraphs, combined some reports (see 3.11), added 4.2.6 and 4.2.7 definitions. Please read NSI.