



DEPARTMENT OF THE NAVY
COMMANDER
NAVY REGIONAL MAINTENANCE CENTER
9170 SECOND STREET, SUITE 245
NORFOLK, VA 23511-2325

4790
Ser C200/

From: Commander, Navy Regional Maintenance Center

Subj: FISCAL YEAR 2026 and 2027 NAVAL SEA SYSTEMS STANDARD ITEMS AND APPENDIX 4-E

Ref: (a) COMUSFLTFORCOMINST 4790.3
(b) NAVSEAINST 9070.1E

Encl: (1) NAVSEA Standard Items Summary of Change FY26, Volume VII Appendix 4-E
Summary of Change FY26

1. Per references (a) and (b), the Fiscal Year 2026 (FY26) Naval Sea Systems (NAVSEA) Standard Items, FY26 Volume VII Appendix 4-E, Fiscal Year 2027 (FY27) NAVSEA Standard Items, and FY27 Volume VII Appendix 4-E are available on the official Specification for Ship Repair and Alteration Committee Web site at:

<http://www.navsea.navy.mil/Home/RMC/CNRM/OurPrograms/SSRAC.aspx>

a. The FY26 NAVSEA Standard Items and NAVSEA Standard Phraseology must be invoked in Chief of Naval Operations (CNO), Continuous Maintenance/Emergent Maintenance availabilities with a start date in FY26.

b. The FY27 NAVSEA Standard Items and NAVSEA Standard Phraseology must be invoked in CNO, Continuous Maintenance/Emergent Maintenance availabilities with a start date in FY27.

2. Requests for deviations from this requirement must be submitted via e-mail and routed to Commander, Navy Regional Maintenance Center (CNRM) Technical Director for adjudication and approval. A separate deviation request must be submitted for each availability and must fully explain the reason(s) for the deviation (i.e., why deviation is required, how planning would be affected, how availability would be impacted, etc.).

3. Regional Maintenance Center Standards Coordinators and the Master Spec Catalog Maintenance Office are responsible for advising users within their command of this notice. Contracts Department, Code 400, is responsible for advising Master Ship Repair Contractors and Agreement for Boat Repair Contractors under their cognizance of the availability of these products.

4. Point of Contact for further information is Mr. James A. Simmons, CNRM Technical Director, (757) 400-0020, james.a.simmons166.civ@us.navy.mil.

J. A. SIMMONS
By direction

Subj: FISCAL YEAR 2026 and 2027 NAVAL SEA SYSTEMS STANDARD ITEMS AND
APPENDIX 4-E

Distribution:

FDRMC NAPLES IT (N100, N100B, N300)

MARMC NORFOLK VA (C100, C100B, C300, C400)

SOUTHEAST RMC MAYPORT FL (C100, C100B, C300, C400)

SOUTHWEST RMC SAN DIEGO CA (C100, C100B, C300, C400)

NAVSHIPYD AND IMF PUGET SOUND WA (C100, C101, C400)

NAVSHIPYD & IMF PEARL HARBOR HI (C100, C101, C103, C400)

NAVSHIPREPFAC AND JAPAN RMC YOKOSUKA JA (C100, C100B, C1200)

Copy to:

NAVSURFWARREN WASHINGTON DC

COMNAVWARSCOM SAN DIEGO CA

NAVSEA (PMS 321, PMS 421, SEA 21C, SEA 0244, SEA 04Z)

SURFMEPP PORTSMOUTH VA (MSCMO/C200)

NAVSEA Standard Items Summary of Change FY26, Volume VII Appendix 4-E

Summary of Changes to Standard Item Index

1. Change: CP 418. Index Fixed “N” in UTILIZATION appears below UTILIZATIO, in the column header.

Rational: Administrative

Summary of Changes to Standard Item 009-001 General Criteria; accomplish

1. Change: CP 049. 3.1.1 “verbal means, submit one legible copy, in approved transferrable media, of a letter the following day stating pertinent details.

Rational: 3.1.1 Redefined Verbal means.

2. Change: CP 052. 3.2.4.1 Deleted 3.2.4.1, renumbered follow on paragraphs.

Rational: Removal of 3.2.4.1 under the clause of 3.2.3 unnecessary reports.

3. Change: CP 057.

a. 3.4.4.3 NEW 3.4.4.3 Submit a Demand History Allocation (DHA) Military Standard Requisitioning and Issue Priority (MILSTRIP) transaction, via One Touch Support (OTS) at <https://www.onetouch.navy.mil> or via Global Distance Support Center (GDSC) via email to GDSC@us.navy.mil, for all National Stock Number (NSN) material that was procured outside of the Department of Defense (DOD) supply system (i.e., direct to vendor).

b. 3.4.4.4 NEW 3.4.4.4 Submit a “BHJ” MILSTRIP Document Identifier (DI), via OTS or GDSC via email to GDSC@us.navy.mil, for all non-NSN material that was procured outside of the DOD supply system (i.e., direct to vendor).

Rational: Capture all material demand history from all procurement avenues to improve wholesale stock posture to support future maintenance availability requires via the Department of Defense (DOD) stock system.

4. Change: CP 059. 3.13.2 Deleted Nuclear Regulatory Commission

Rational: Remove redundancy of spelling out versus using acronym.

Summary of Changes to Standard Item 009-002 Environmental Compliance Report for Material Usage; accomplish

1. Change: CP 062 Att B. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-003 Toxic and Hazardous Substance; control

1. Change: CP 064. Remove Coastal Patrol Ships (PC) from Attachment A.

Rational: CYCLONE (PC 1) Class Patrol Coastal Ships have all been decommissioned

Summary of Changes to Standard Item 009-004 Quality Management System; provide

1. Change: CP 065. Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.

Rational: NAVSEA Standard items (NSI’s) 4-E compliant and to make all NSI’s consistent in how they are written.

2. Change: CP 066. 3.11.1 Spell out “Process Control Procedure (PCP)”

Rational: 4E compliant.

3. Change: CP 074. 3.11.2.5 Added new sentence. “Checkpoints associated with descoped work will be obsoleted from the test and inspection plan. Checkpoints not completed require disposition from the SUPERVISOR.”

Rational: Identifies the difference between when a checkpoint should be canceled or obsoleted.

4. Change: CP 076. 3.10 Added new sentence. “When a report is required to be submitted to the SUPERVISOR to record the results of test or inspections, those test or inspections may be excluded from the TIP.”

Rational: Proper performance and documentation of NSI first tier tests and inspections which do not have an (I)(V)(Q) symbol.

5. Change: CP 082. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

6. Change: CP 402. 3.2.2.1 Added “or Services”

Rational: Require the statement for government source inspection when services are requested by the Prime.

7. Change: CP 422. 3.13.1 Deleted “in accordance with 009-090 of 2.1 and associated PCP requirements.”

Rational: Support deletion of 009-090 also deleted in 009-125

8. Change: CP 444. Added missing closed quotation marks at end of paragraph.

Rational: Omitted closed (“) quotation mark creates confusion on the statement that the contractor (KTR) needs to add to their Purchase Order.

Summary of Changes to Standard Item 009-005 Temporary Access; accomplish

1. Change: CP 084.

a. Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.
Added New verbiage to 3.14.1, 3.15, 3.16.

b. 3.14.1 Welding, fabrication, and inspection requirements for installation of a temporary access must be in accordance with NAVSEA Standard Items (See Note 4.4).

c. 3.15 Chalk test requirements on each structural closure in way of temporary access must be in accordance with NAVSEA Standard Items (See Note 4.5)

d. 3.16 Structural boundary testing of each watertight/airtight temporary access closure (e.g. cofferdam, vacuum box, air hose, and water hose) must be in accordance with NAVSEA Standard Items (See Note 4.6)

e. Added New NOTES 4.4, 4.5, 4.6.

(1) 4.4 If welding, fabrication, and inspection requirements for installation of a temporary access of 3.14.1 is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(2) 4.5 If Chalk test requirements on each structural closure in way of temporary access of 3.15 is required; the use of Category II Standard Item 009-025 “Structural Boundary Test; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(3) 4.6 If Structural boundary testing of each watertight/airtight temporary access closure (e.g. cofferdam, vacuum box, air hose, and water hose) 3.16 is required; the use of Category II Standard Item 009-025 “Structural Boundary Test; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

Rational: NAVSEA Standard items (NSI's) 4-E compliant and to make all NSI's consistent in how they are written.

Summary of Changes to Standard Item 009-007 Confined Space Entry, and Certification; accomplish

1. Change: CP 088. Added (MCC) to 3.1.1.2 to read, "Marine Chemist Certificate (MCC)"

Rational: 4E Compliant

2. Change: CP 089.

a. Added New sentence to 3.1.2 "Initial training must be completed in person, for annual update training either in person or virtual live session are acceptable. (SEE NOTE 4.6)"

b. Added new NOTE 4.6 Initial Shipyard Competent Persons (SYCP) training taken on or after 05 December 2023 shall comply with the requirement of 3.1.2.

Rational: Industry concerned about date of implementation is not adequate to comply.

Summary of Changes to Standard Item 009-008 Shipboard Fire Protection and Fire Prevention; accomplish

1. Change: Re-Write

Rational: 8010 Update

Summary of Changes to Standard Item 009-009 Process Control Procedure (PCP); provide and accomplish

1. Change: CP 133 Att B. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

2. Change: CP 134. Remove "Standard Items" as reference 2.1 and replace it with the words "NAVSEA Standard Items" when reference 2.1 is used in paragraph 3 and 4.

Rational: NAVSEA Standard items (NSI's) 4-E compliant and to make all NSI's consistent in how they are written.

3. Change: CP 137. Added to 3.6 “to the SUPERVISOR”
Rational: Reports are submitted to the SUPERVISOR
4. Change: CP 425. Added to 3.7 “whichever occurs first.”
Rational: Change will correct/clarify the requirement and align it with the wording of 009-004.

Summary of Changes to Standard Item 009-010 Asbestos-Containing Material (ACM); control

1. Change: CP 140. Remove Coastal Patrol Ships (PC) from Attachment A.
Rational: CYCLONE (PC 1) Class Patrol Coastal Ships have all been decommissioned.

Summary of Changes to Standard Item 009-011 Insulation and Lagging; install

1. Change: CP 143. Added New NOTE, 4.7 “NO-AB” signifies No Asbestos containing materials present.
Rational: Add the definition of “NO AB” into NOTES section.
2. Change: CP 144. Fixed Title to read, “Insulation and Lagging; install”
Rational: 4E compliant.

Summary of Changes to Standard Item 009-012 Weld, Fabricate, and Inspect; accomplish

1. Change: CP 146. New 3.1.4, 3.1.4 Welding Procedure Specification (WPS) will be available at the work site during the performance of work.
Rational: Sub-ktr’s welding procedures can be verified at the work site without having to go through the Prime KTR.
2. Change: CP 147.
a. New 3.6.1 Joint fit-up of Class P-1 piping butt-welded joints requiring radiographic inspection.
b. New 3.6.1 Verify Joint Fit-Up Prior to Welding - (V)(G) Renumbered affected paragraphs.
Rational: The risk of weld joints failing inspection and to impacting schedule would be greatly reduced if (G) checkpoint oversight of fit-up becomes required for P-1 butt-welded joints receiving radiographic inspection.

3. Change: CP 150. Remove Coastal Patrol Ships (PC) from Attachment A.

Rational: CYCLONE (PC 1) Class Patrol Coastal Ships have all been decommissioned.

4. Change: CP 152. Add to Attachment A, Expeditionary Sea Base Vessel...ESB...3/2*” to end of NON-COMBATANT SURFACE SHIPS Auxiliary Ships list. Add note to after the Auxiliary ship list “*ESB structure is primarily maintained using commercial standards (table 3), but some limited structures are maintained to military standards (table 2). See COMNAVSURFOR/COMSCINST 3000.1A for more details.”

Rational: SECNAVINST 5030.8D provides classification and category of ships for battle force counting purposes. Enclosure (1) of that document indicates ESB are category 2 (other combatant classification), Expeditionary and Seabasing support ships.

Summary of Changes to Standard Item 009-017 Rotating Electrical Equipment; repair

1. Change: CP 154 Att B-1, B-2, C. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-017 Rotating Electrical Equipment; repair

1. Change: CP 154 Att B-1, B-2, C. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-018 Mine Warfare Ships Magnetic Material; control

1. Change: CP 156 Att A. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-021 Alteration Verification, Logistic and Technical Data; provide

1. Change: CP 159 Att A, B, C, D. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-021 Alteration Verification, Logistic and Technical Data; provide

1. Change: CP 163. New 3.1.21, 3.1.21 Radar Absorbent Material (RAM), Renumbered follow on paragraphs.

Rational: Added Radar Absorbent Material (RAM) to clarify removal and/or installation.

Summary of Changes to Standard Item 009-023 Interference; remove and install

1. Change: CP 160.

a. Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.

b. Added New verbiage to 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.11, 3.5.13, 3.5.14.

c. 3.5.5 Welding, fabrication, and inspection requirements must be in accordance with NAVSEA Standard Items (See Note 4.2).

d. 3.5.6 Disturbed joint test requirements must be in accordance with NAVSEA Standard Items (See Note 4.3)

e. 3.5.7 Woodwork requirements must be in accordance with NAVSEA Standard Items (See Note 4.4).

f. 3.5.8 Insulation and lagging requirements must be in accordance with NAVSEA Standard Items (See Note 4.5).

g. 3.5.11 Cleaning and painting requirements for each new and disturbed surface must be in accordance with NAVSEA Standard Items (See Note 4.6).

h. 3.5.13 Deck covering requirements for deck covering removed or damaged as interference must be in accordance with NAVSEA Standard Items (See Note 4.7).

i. 3.5.14 Structural boundary test requirements must be in accordance with NAVSEA Standard Items (See Note 4.8).

j. Added New NOTES 4.2, 4.3, 4.4, 4.5, 4.6, 4.7.

(1) If welding, fabrication, and inspection requirements of 3.5.5 is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(2) 4.3 If testing requirements of 3.5.6 is required; the use of Category II Standard Item 009-071 “Piping System; test” of NAVSEA Standard Items will be specified in the Work Item.

(3) 4.4 If woodworking requirements of 3.5.7 is required; the use of Category II Standard Item 009-037 “General Procedure for Woodwork: accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(4) 4.5 If insulation and lagging requirements of 3.5.8 is required; the use of Category II Standard Item 009-011 “Insulation and Lagging; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(5) 4.6 If cleaning and painting requirements of 3.5.11 is required; the use of Category II Standard Item 009-032 “Cleaning and Painting Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

(6) 4.7 If deck covering requirements of 3.5.13 is required; the use of Category II Standard Item 009-026 “Deck Covering; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

Rational: NAVSEA Standard items (NSI’s) 4-E compliant and to make all NSI’s consistent in how they are written.

Summary of Changes to Standard Item 009-024 Authorization, Control, Isolation, Blanking, Tagging, and Cleanliness; accomplish

2. Change: CP 165. 3.1.2 Corrected reference number to “2.2”.

Rational: Reference “Standard Items” was deleted by FY-25.

3. Change: CP 167. Modify word “Repair Activity” to “RA” in, 3.1.4.2, 3.1.4.5, 4.6.

Rational: 3.1.3 fist use of Repair Activity use “RA or RA’s” afterwards 4E compliant.

4. Change: CP 168. Modify Deleted “S/F” from paragraph.

Rational: Align wording with the form and remove S/F from the paragraph.

5. Change: CP 170. Added “and void” to 3.5.1 in three places.

Rational: To include the Term “void” in paragraph 3.5.1.

6. Change: CP 172

a. Corrected 3.5 to read ...” item using Attachment A (Accountability of Temporary Blanks and Plugs Check-Off Sheet) or equivalent” ...

b. 3.5.1, 3.5.2, 3.5.2.1, Deleted title of Attachment A form.

Rational: Correct formatting.

7. Change: CP 173. Corrected Naval Ship’s Technical Manual to Naval Ships’ Technical Manual

Rational: Administrative

8. Change: CP 174 4.1 to read 4.1 2.1, 2.2, and 2.3, are available on-line at: <https://www.submepp.csd.disa.mil/jfmm/index.htm> , Deleted JFMM (2.1), 6010 (2.2), and TUM (2.3),

Rational: 4E compliant

9. Change: CP 174 4.2 Deleted “NSI”

Rational: 4E compliant

10. Change: CP 177 First time use, added to 4.5 “Master Agreement for Repair and Alteration of Vessels, Master Ship Repair Agreement (MSRA) and Agreement for Boat Repair (ABR)”

Rational: 4E compliant First time use spelled out MSRA/ABR 4.5.

11. Change: CP 179 Att A Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-025 Structural Boundary Test; accomplish

1. Change: CP 180 2.1 Deleted “Chapter 192

Rational: Correct title of 2.1.

2. Change: CP 182

a. 3.1.6 Changed to read, 3.1.6 Accomplish unobstructed airflow test of air escape and overflow piping in accordance with Section 506h of 2.1.

b. Deleted 3.1.6.1

c. 3.2.7 Changed to read, 3.2.7 Accomplish unobstructed airflow test of air escape and overflow piping in accordance with Section 506h of 2.1.

d. Deleted 3.2.7.1

Rational: 3.1.6 and 3.1.6.1, and 3.2.7 and 3.2.7.1 have been repeating same meaning.

3. Change: CP 184 3.5.3.1 Added “Allowable leakage: None.”

Rational: Confirmation requirement like other requirements.

Summary of Changes to Standard Item 009-027 Material Identification and Control (MIC) for Level I System; accomplish

1. Change: CP 197 Corrected 3.1.1.2 “2.2” to “2.1”

Rational: Correct to 2.1.

2. Change: CP 198 Changed “packing glands” to “gland packings” in paragraph 3.2.1.

Rational: Word “packing glands” includes stud, nut, and other parts. This means “assembly”. However, “gland packings” is indicated “packing” in NSTM CH-078V2.

3. Change: CP 199 Changed “silver seal” to “pressure seal ring” in paragraph 3.2.1.

Rational: Word “silver seal” should be modified to “pressure seal ring”. Word “silver seal” is not used in GSO but “pressure seal ring” is used.

4. Change: CP 200 Delete “Process Control Procedure (PCP)” to “PCP” in paragraph 4.2.

Rational: Word “PCP” is already written out by paragraph 3.2 at first time use.

Summary of Changes to Standard Item 009-031 Boiler Waterjet Cleaning; accomplish

1. Change: CP 202 “Ph” corrected to “pH” in criteria of paragraph 3.6.1.

Rational: Correct to pH.

Summary of Changes to Standard Item 009-033 Rotating Electrical Equipment; rewind

1. Change: CP 258 Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.

Rational: NAVSEA Standard items (NSI’s) 4-E compliant and to make all NSI’s consistent in how they are written.

2. Change: CP 261 Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-040 Contractor Crane, Multi-Purpose Machine and Material Handling Equipment at a Naval Facility; provide

1. Change: CP 265 Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-057 Reduction Gear Security; accomplish

1. Change: CP 267 Added “on Attachment A” to 3.8.

Rational: No confusion on definition of terms, but a gap on accountability of tools. Update 009-057, paragraph 3.8.

2. Change: CP 270 Att A, B. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

3. Change: CP 271 Updated Att B, to “Date/Time Access Open: and “Date/Time Access Closed”.

Rational: Matters of interpretation cause delays and conflict between the parties involved. A proper definition of what the Government expects will settle this.

Summary of Changes to Standard Item 009-060 Schedule and Associated Report for CNO Availability; provide and manage

1. Change: CP 393 Deleted Note, 4.1.31. Renumbered follow on paragraphs.

Rational: 009-126 Schedule Model Review (SMR)

Summary of Changes to Standard Item 009-061 Shipboard Use of Fluorocarbon; control

1. Change: CP 278 Clarified last sentence in 3.4 to read; 3.4 Notify the SUPERVISOR and Commanding Officer's designated ship's representative immediately prior to the actual start and upon completion of each evolution.

Rational: The “designated representative” must be unified in paragraph 3.4, because these are same personnel.

2. Change: CP 279 3.6.4.1 “attempted” modified to “carried out”.

Rational: Makes it a requirement.

3. Change: CP 280 Correct “Dichlorotetrafluotethane” to “Dichlorotetrafluoroethane”.

Rational: Administrative

4. Change: CP 281 Deleted the word “equipment” from 4.2.

Rational: Meaning of “D” of EEBD is “Device”. Therefore, word “equipment” is not needed.

5. Change: CP 282 Deleted “Notify the SUPERVISOR at least 14 days prior to anticipated usage. From 4.3”. and added NEW “3.9 Notify the SUPERVISOR at least 14 days prior to anticipated usage.”

Rational: Sentence should be included in requirement.

Summary of Changes to Standard Item 009-063 Lubricating Oil and Hydraulic Fluid; analyze

1. Change: CP 420

a. 3.6.2 Added, “and clarification of results is required, contact’ and update website link NSWCPD_Lubricants@us.navy.mil .

b. 3.7.1 Updated website link NSWCPD_Lubricants@us.navy.mil .

c. New 3.7.2 Note that when converting from ppm to %, multiply the ppm result by 1000. Or when converting from % to ppm, divide by 1000.

d. Updated ATT A and B

Rational: Correct email address is needed, or tech community will not be reached. Updating emailing section will ensure that timeline is not impacted. Tables updates ensure correct testing is performed.

Summary of Changes to Standard Item 009-067 Integrated Total Ship Testing; manage

1. Change: CP 283 3.1.1 Deleted “Comprehensive Test Plan”.

Rational: This is not first time use in this item.

2. Change: CP 284 3.3.2 Deleted “%” and spelled out “percent”.

Rational: Make 4E compliant.

Summary of Changes to Standard Item 009-069 Heavy Weather/Mooring Plan; provide

1. Change: CP 285 3.1 Added “Establish and” to beginning of paragraph.

Rational: Word “Establish” added into Paragraph 3.1 to be understood clearly.

2. Change: CP 286. Remove Coastal Patrol Ships (PC) from tables in Attachments A and B.

Rational: Remove Coastal Patrol Ships (PC) from tables in Attachments A and B.

3. Change: CP 287 Added “PG” to block in front of Combatants Att B .

Rational: Word “PG” needs to be added to left side of ship type “Combatants” in ATTACHMENT B.

Summary of Changes to Standard Item 009-070 Confined Space Entry, Certification, Fire Protection, Fire Prevention and Housekeeping for Unmanned Vessel; accomplish

1. Change: CP 450

a. Added New, “3.1.3.7 Calibrate or bump test per manufacturer instructions, Competent Person test equipment before each shift’s use. Retain records for a minimum of three months after the completion of the availability and provide copies to the SUPERVISOR upon request.”

b. Renumbered following paragraph to 3.1.3.8.

Rational: Incorporate new paragraph to align with 009-007.

Summary of Changes to Standard Item 009-071 Title: Piping System; test

1. Change: CP 290 Changed 3.1.1 to read “30 inch Hg VAC-0-30 PSI”.

Rational: The unit of gauge range needed to be corrected.

2. Change: CP 291

a. 3.1 Added (IAW) after the words “in accordance with”.

b. 3.1.2 Delete the word “paragraph”.

Rational: Administrative

3. Change: CP 292

a. Added word “Note” to 3.1.2 check point.

b. Added word “Note” to 3.1.s check point.

Rational: Did not delete “Note” to be consistent with all NSIs.

Summary of Changes to Standard Item 009-073 Shipboard Electrical/Electronic Cable Procedure; inspect, test, install, remove, and repair

1. Change: CP 293 4.5.3 Corrected Reference Number to “2.1”.

Rational: Incorrect reference number has been used in paragraph 4.5.3.

2. Change: CP 295 Att A & C. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

3. Change: CP 297 & CP298 Attachment B used symbols for inches and feet, all uses were corrected.

Rational: 4E compliant.

4. Change: CP 353 Deleted 2.8 SE000-01-IMB-010, Navy Installation and Maintenance Book (NIMB), Section VII, Industrial Electromagnetic Compatibility (IEMC) Work Process Instructions (Source CD: N0002400003)” Renumbered paragraphs.

Rational: 4E compliant.

Summary of Changes to Standard Item 009-074 Occupational, Safety and Health Plan; accomplish

1. Change: CP 299. Added to the end of 3.11.2.1 “and date and time of inspection”.

Rational: Hard to hold the contractor accountable to make sure that the scaffolding tags are updated with the inspection date when there is no standard that outlines this requirement. A lot of push back when we try to require the contractor to put inspection dates on the scaffolding tags.

2. Change: CP 301. Added “SHORT TERM CORRECTIVE ACTION” Block to Att A. Added definition for STCA to Att A.

Rational: To include STCA in Attachment A, the block for STCA should be added. To clarify the definition of STCA. Therefore, contractors would understand and submit it properly.

3. Change: CP 302. Capitalized “SUPERVISOR”.

Rational: 4E compliant.

4. Change: CP 304 Att A. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-077 Cofferdam Installation; accomplish

1. Change: CP 306 Att A & B. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-080 Ship Facility; maintain

1. Change: CP 307. Added to 3.1.2 “Collection, Holding and Transfer”.

Rational: Word “CHT” needs to be written out because this is first time use in this item.

Summary of Changes to Standard Item 009-081 Compartment Closeout; accomplish

1. Change: CP 308 4.3 deleted 2.1 and added NAVSEA Standard Items.

Rational: Reference 2.1 “Standard Items” was deleted.

Summary of Changes to Standard Item 009-084 Threaded Fastener Requirement; accomplish

1. Change: CP 309 3.1.4.1 corrected 2.2 to “2.1”.

Rational: Correct paragraph number “2.2” to “2.1” in paragraph 3.1.4.1.

2. Change: CP 310. Table one deleted “2.1 and replaced with “NAVSEA Standard Items”.

Rational: Reference 2.1 “Standard Items” has been deleted.

Summary of Changes to Standard Item 009-087 Chemical Disinfection Procedure; accomplish

1. Change: CP 311

a. Changed 3.1 to read, “Process Control Procedure (PCP) for the chemical disinfection of each affected potable water system (e.g. tank, pump, piping and hoses) must be in accordance with NAVSEA Standard Items and 2.1. (See Note 4.2)”

b. Updated 4.2 to read, “If a Process Control Procedure (PCP) for the chemical disinfection of each affected potable water system (e.g. tank, pump, piping and hoses) is required; the use of Category II Standard Item 009-009 “Process Control Procedure (PCP); provide and accomplish” of NAVSEA Standard Items will be specified in the Work Item.”

Rational: NSIs 009-087, 009-012, 009-027, 009-077, 009-088, 009-100, 009-107, 009-115 are listed as references in Enclosure 2 of the CNRMCINST 4700.5C as a List of Non-Crit Sys Work Requiring PCPs/ATPs and they all mention PCP in section 3 of those NSIs except for 009-087. 4.2 to include description of what the PCP is for.

Summary of Changes to Standard Item 009-088 Collection, Holding and Transfer (CHT) and Motor Gasoline (MOGAS) Tank, Space, and Piping, including Sewage or MOGAS-Contaminated Tank, Space, and Piping; certify

1. Change: CP 313. 3.1 Deleted “Collection, Holding and Transfer”.

Rational: Word “Collection, Holding and Transfer” is already written out by the title at first time use.

2. Change: CP 314

a. 3.1.4 New to read, “Submit the Process Control Procedure (PCP) for a step-by-step procedure of how the certification process will be accomplished in accordance with 009-009 of NAVSEA Standard Items to the SUPERVISOR only if an Approved Technical Procedure (ATP) or Engineering Approved Technical Procedure (EATP) is not specified in the Work Item. (See Note 4.4)”

b. 4.4 Deleted “If a Process Control Procedure (PCP) for a step by step procedure of how the certification process will be accomplished is required; the use of Category II Standard Item 009-009 “Process Control Procedure (PCP); provide and accomplish” of NAVSEA Standard Items will be specified in the Work Item.”

Rational: To remove duplication of NSI requirements in Work Items, make it clear that if an ATP/EATP is not specified to be used in the Work Item, the requirement for a PCP applies. Match the PCP verbiage in section 3 with 3.3 of 009-100 since 009-100 is the only other CAT I NSI that requires a PCP.

3. Change: CP 315 4.4 Added “Naval Supervising Activity”

Rational: Needs to be spelled out for first time use.

4. Change: CP 316 4.4 Corrected spelling of GUIDENCE to “GUIDANCE”

Rational: Administrative

Summary of Changes to Standard Item 009-090 Technical Representative; provide

1. Change: CP 048 Deleted NSI 009-090 in its entirety.

Rational: Eliminating NSI 009-090 in its entirety and reinforcing invoking guidance and phraseology in Appendix 4E is expected to mitigate prior issues when there is a legitimate need to contract OEM services.

Summary of Changes to Standard Item 009-099 Ship Departure Report; provide

1. Change: CP 321 Att B & C. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-103 Weight and Moment Change Data; provide

1. Change: CP 324 Att A. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-104 Vibration Testing and Analysis; accomplish

1. Change: CP 325

a. 3.1.1 Added to the end of paragraph, “ISO-18436-2 Vibration Category I certification from an ISO-18436 accredited provider.”

b. 3.1.2 Added to the end of paragraph, “and have a qualified ISO-18436-2 Vibration Category II certification from an ISO-18436 accredited provider.”

Rational: By identifying the “Vibration Institute” by name, the NSI is giving preferential treatment to the company and creating confusion on the intent of the training qualifications specified in 3.1.1 and 3.1.2 of 009-104. The intended requirement is not to be trained/qualified by the Vibration Institute, but rather that vibration training and qualifications of personnel performing vibration testing and analysis; be so IAW ISO-18436-2 standards of Category I (3.1.1) and Category II (3.1.2).

2. Change: CP 327 Att A. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-107 Piping System Cleanliness Restoration and Flushing (Non-Nuclear); accomplish

1. Change: CP 328 Deleted all uses of “Process Control Procedure” past 3.2.

Rational: Word “PCP” is already written out by paragraph 3.2 at first time use.

Summary of Changes to Standard Item 009-112 Prevention of Radiographic-Inspection Ionizing-Radiation Hazard; accomplish

1. Change: CP 330 Att A & B Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-113 Rotating Electrical Equipment with a Sealed Insulation System (SIS); rewind

1. Change: CP 332 Att B-2 & C Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

2. Change: CP 333 Corrected 3.16.1 to read “Accomplish the requirements of 3.16” vice “3.17”. Corrected 3.16.2 to read “Accomplish the requirements of 3.16” vice “3.17”.

Rational: Administrative

Summary of Changes to Standard Item 009-115 Bearing Rebabbiting; accomplish

1. Change: CP 423 Modified 4.2 to read, “4.2 If drawing for bearing is not available, the use of 4E Standard Phrase B36 will be specified in the Work Item.”

Rational: Eliminating NSI 009-090 in its entirety and reinforcing invoking guidance and phraseology in Appendix 4E is expected to mitigate prior issues when there is a need to procure OEM technical documents, special tool and equipment. The government should never require an LMA to establish a contract with an OEM to provide oversight services for the government.

Summary of Changes to Standard Item 009-117 Combat System, Light-Off Support; provide

1. Change: CP 337 New Att A

a. Created fillable PDF forms to replace the outdated noninteractive forms.

b. 3.2.3.4 Added “Using Attachment A.: to beginning of sentence.

c. 3.2.3.5 Added “using Attachment A.” to the end of sentence.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

2, Change: CP 335 Capitalized “SUPERVISOR” in 3.3.1

Rational: Administrative

Summary of Changes to Standard Item 009-120 Fact Finding and Critique of Unplanned Event; manage

1. Change: CP 339. Modified 3.4 to read, “3.4....within 15 days of being directed to investigate the Unplanned Event or as otherwise directed by the SUPERVISOR.”

Rational: To be more efficient and effective with returning to a working status following and unplanned event, the completed FF report needs to be provided to the Supervisor in a timely manner. The current requirement of 30 days is excessive and certainly does not lend itself to being an efficient process. The culture and mindset need to change such that significant focus is placed on getting major deficiencies or non-conformities corrected in a timely manner. The FF report is a tool for identifying and tracking those corrective actions.

2. Change: CP 340 Deleted 3.4.1, 3.4.1.1, and 3.4.1.2.

Rational: Already part of the contractor’s QMS to have a continuous improvement program that implements corrective actions. When an unplanned event occurs, that same QMS (based on ISO 9001-2015) requires the contractor to determine root causes and corrective actions. We are paying for a service that by their own approved QMS, the contractors are already required to perform.

3. Change: CP 342 Modified 4.3 to read, “4.3 If problems are identified to contractors working for AIT managers, the Alteration Installation Team (AIT) managers are required to initiate and conduct the Fact Finding process for unplanned events. The Naval Supervisory Activity (NSA) must be invited to participate to ensure effectiveness.”

Rational: Provide clarity on the activity that must participate as necessary to ensure effectiveness.

4. Change: CP 343 Modified 4.5 to read, “4.5 Initial submission of Attachment A under 009-074 or Attachment F under 009-008 of NAVSEA Standard Items may be substituted for Attachment E under this Standard Item. Duplicate submission of Attachment E is not required.”

Rational: This change will now recognize that same report in 009-008.

5. Change: CP 346 Att B, C, D, & F Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

6. Change: CP 347 Added to the end of 3.3.7, “Utilize Attachment E of NAVSEA Standard Item 009-004, to determine root cause when filling out Attachment D.”

Rational: 009-004 utilizes attachment E and helped with root cause determination.

7. Change: CP 407

a. 3.2.4 Added new verbiage, “3.2.4 Review similar internal and external unplanned events/problems from the previous 3 years and corrective actions previously documented to identify repeat problems and the effectiveness of those previous corrective actions.”

b. Att B, Added new verbiage, “PREVIOUS 3 YEARS SIMILAR UNPLANNED EVENT(s)/PROBLEM(s), INTERNAL OR EXTERNAL: YES NO (IF YES, LIST BELOW):”

Rational: The intent of requiring the contractor to review previous similar events is to determine if there is a trend as well as determine if previous corrective/preventive actions have been effective. If the contractor is not including internal investigations/fact findings related to similar events, then they are missing an opportunity to fully identify and address the current problem.

Summary of Changes to Standard Item 009-122 Temporary Padeye; install and remove

1. Change: CP 348

a. Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.

b. New 3.1.2.1 Submittal of a design is not required for each temporary padeye (location, material, and dimension) detailed on a NAVSEA-approved drawing in the work item.

c. New 3.2.2 Welding, fabrication, and inspection requirements must be in accordance with NAVSEA Standard Items (See Note 4.2).

d. New 3.5.1 Inspect each removal site in accordance with 2.2, and inspection requirements of NAVSEA Standard Items (See Note 4.3).

e. New 3.5.1.1 MT inspection requirements must be in accordance with NAVSEA Standard Items (See Note 4.4).

f. New 3.5.2 Weld repair is in accordance with 2.2, and weld repair requirements of NAVSEA Standard Items (See Note 4.5).

g. New NOTE: 4.2 If welding, fabrication, and inspection requirements including Table 2, Columns A, B, or C, lines one through 7 is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

h. New NOTE: 4.3 If inspection requirements including Table 2, Columns A, B, or C, lines 6, 7, 10, and 11 is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

i. New NOTE: 4.3 If MT requirements including Table 2, Column B, line 11 for all temporary padeye removals from HY-80/100 and HSLA 100/115 primary structure (CVN only) is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

j. New NOTE: 4.3 If welding repair requirements including Table 2, Columns A, B, or C, lines One through 11 is required; the use of Category II Standard Item 009-012 “Welding, Fabrication, and Inspection Requirements; accomplish” of NAVSEA Standard Items will be specified in the Work Item.

Rational: NAVSEA Standard items (NSI’s) 4-E compliant and to make all NSI’s consistent in how they are written.

8. Change: CP 350

a. Added New, 3.1.2.1 Submittal of a design is not required for each temporary padeye (location, material, and dimension) detailed on a NAVSEA-approved drawing in the work item.

b. Added “for” before SUPERVISOR in 3.1.2.

Rational: Occasionally Government specifies temporary padeye design not in accordance with 2.2 and 2.4, and its installation location in work item.

Summary of Changes to Standard Item 009-123 Fiber Optic Component; inspect, install, repair, remove, and test

1. Change: CP 352 Corrected title of 2.3, 2.3 MIL-STD-2003, Electric Plant Installation Standard Methods for Surface Ships and Submarines

Rational: 2.3 incorrect title.

2. Change: CP 353

a. Deleted 2.6, “2.6 SE000-01-IMB-010, Navy Installation and Maintenance Book (NIMB), Section VII, Industrial Electromagnetic Compatibility (IEMC) Work Process Instructions (Source CD: N0002400003)”

b. Modified 3.3.11 to read, “3.3.11 Install new cable identification tags in accordance with Part 4 of 2.2, and in accordance with Section 408 of 2.9. Mark each cable, tube, furcation unit, Optical Fiber Cable Component (OFCC) and connector in accordance with the referenced drawings, equipment technical manual, 2.2 and Section 408 of 2.9.”

c. Modified 3.4.9 to read, “3.4.9 3 Install new cable identification tags in accordance with Part 4 of 2.2, and in accordance with Section 408 of 2.9.” Renumbered paragraphs.

Rational: Unavailable, SE000-01-IMB-010, Navy Installation and Maintenance Book (NIMB), Section VII, Industrial Electromagnetic Compatibility (IEMC) Work Process Instructions (Source CD: N0002400003).

3. Change: CP 354 Corrected shall to “must”

Rational: Administrative

4. Change: CP 355. Corrected Reference 2.3 to 2.2 in 3.3.8.

Rational: Administrative

5. Change: CP 356. Corrected Reference 2.7 to 2.6 in 3.4.

Rational: Administrative

6. Change: CP 357 Corrected Reference 2.3 to 2.2 in 3.5.2.

Rational: Administrative

7. Change: CP 358 Deleted “Accomplishment of” in 3.8.

Rational: Administrative

8. Change: CP 360 Att A, B, & C Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-125 Boat 65 Feet (20 meters) Long and Less; accomplish

1. Change: CP 388 Remove “Standard Items” as reference 2.1 and replace it with the words “NAVSEA Standard Items” when reference 2.1 is used in paragraph 3 and 4.

Rational: NAVSEA Standard items (NSI’s) 4-E compliant and to make all NSI’s consistent in how they are written.

2. Change: CP 389 Added a space between the number ‘20’ and the word ‘meters’, “(20 meters)”.

Rational: Administrative

3. Change: CP 391 Att A. Created fillable PDF forms to replace the outdated noninteractive forms.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Standard Item 009-126 Schedule Model Review (SMR); accomplish

1. Change: CP 392

- a. 3.1: Removed “Schedule Model Review” and keep “SMR”.
- b. 3.1.1.4: Removed “Integrated Production Schedule” and keep “IPS”.
- c. 3.1.1.7: Removed “Lead Maintenance Activity” and keep “LMA”.
- d. 3.2.1: Removed “Schedule Model Review” and keep “SMR”.
- e. 4.1: Removed “Schedule Model Review” and keep “SMR”.
- f. 4.1: Removed “Schedule of Record” and keep “SOR”

Rational: 4E Compliant.

2. Change: CP 393. Modified 3.1 to read; “3.1 Conduct a SMR of the Initial Integrated Production Schedule (IPS) developed IAW 009-060 of NAVSEA Standard Items, with project execution stakeholders to validate integration requirements. “

Rational: Clarify language.

3. Change: CP 394.

a. Added to 3.1.1.7, “Port Engineer (PE), Combat Systems Port Engineer (CSPE), Naval Information Warfare Systems Command (NAVWAR), Surface Maintenance Engineering Planning Program (SURFMEPP) Local Waterfront Representative,”.

b. 3.2.1.2 Deleted, “Discussion of each”.

c. New, 3.2.1.7 Open and inspect work items, and activities to be tied to the 20% Open and Inspect Milestone.

d. New, 3.2.1.8 Outstanding AIT POA&Ms including risks and impacts to the IPS. NSA to provide status of all AIT outstanding GFI.

e. New, 3.2.1.9 Work Items and assigned Key Events and Milestones.

f. New, 3.2.1.10 Access cut plan.

g. New, 3.2.1.11 Temporary service requirements and priorities.

h. New, 3.3 When directed by the SUPERVISOR, conduct a Schedule Model Review (SMR) in preparation for the 25, 50, and 75 percent review conferences to discuss scheduled work that is off plan (see Note 4.3) or in jeopardy of meeting Key Events or Milestones and mitigation strategies. Information from the most recent 009-060 of NAVSEA Standard Items submission will be used and must focus on critical path and controlling work activities.

i. Renumbered 3.3 to 3.4.

Rational: Conversion of NSI Attachments into fillable Portable Document Format (PDF) files that could be downloaded by the end user would improve standardization of NSI reports.

Summary of Changes to Appendix 4E JFMM

Summary of Changes 4E DEFIN II

1. Change: CP 410 2-8.1 Updated Definition; “2-8.1 LLTM: Material whose delivery date after receipt of order (ARO) exceeds 30 days or is deemed critical to the success of the availability by the Maintenance Team Project Manager regardless of the lead-time.”

Rational: Alignment with Specification Development Availability Execution Support (SDAES) Contract.

2. Change: CP 435 Update 2-8.2 & 2-8.3 Definitions

a. 2-8.2 PUSH: Repair or Alteration Material and Special Tools provided to a Ship's Maintenance Availability by a government entity (e.g. Ship's Force, TYCOM, NSWCs, NAVSUP WSS, NAVSEA) without any purchasing action required on the part of the Planning Activity or RMC Logistics Depart.

b. 2-8.3 KITTED: Alteration Material procured and assembled into a kit through a separate Government contract and provided to a Ship's Maintenance Availability by an outside activity (i.e. Program Office Class Planning Yard or PARM). Planning Activities may utilize the associated Program Office approved 4720/3 (Ship Alteration Material Summary) as a Work Item Reference for ShipAlt or AER kit.

Rational: Standardize Definitions

Summary of Changes 4E VII

1. Change: CP 001 Deleted form 7-1.3, “and 7-2.3”.

Rational: Simplify phrasing in Para 7-1.3.

2. Change: CP 002

a. Corrected Examples in 7-2.3.3.8 to read;

Example 1: 2.2 S9AA0-AB-GOS-10, General Specifications for Overhaul of Surface Ships (GSO)

b. 3.4 Remove existing and install new flanged take down joint assembly in accordance with Section 506d of 2.2.

c. Example 2: 2.3 S9086-T8-STM-010/CH-593 Rev 7, Pollution Control

d. 3.8 Accomplish sanitary and hygienic procedures of Paragraph 593-4.2.3 through 593-4.2.4.1.3 of 2.3.”

Rational: Correct how Work Item examples are presented within Para 7-2.3.3.8.

3. Change: CP 003

a. Deleted form 7-2.5.1, “4.2 Known source for butterfly valves:Flow-Technology, Inc.49 Century St.Jacksonville, FL 32211Telephone (904) 721-1968”.

b. Added New Sample Notes;

RCC 19G written to add BERP plate for ShipAlt DDG -51-96250.

RCC 56NG written to add motor rewind.

RCC 86G to add a butterfly valve.

RCC 13G to descope butterfly valve.

Rational: Updating the example for the notes.

4. Change: CP 004 Added New 7-7.46; “7-7.46 DON’T use the phrase “As reported in...” or “Based on the report...” when the full scope of work cannot be defined.”

Rational: This statement is unbiddable. You cannot accurately bid something you do not know the full extent of the repairs on.

5. Change: CP 001

a. Added New 7-7.19; “7-7.19 DO list a known source if there is one, proprietary original equipment manufacturer (OEM) or vendor.” Renumbered Dos and Don’t’s.

b. Added New 7-7.46; “7-7.46 DON’T list a known source if there are multiple vendors or OEM’s.”

Rational: Adding a DO NOT for this could prevent planners from adding a known source when there is multiple vendors/OEMs.

6. Change: CP 033 Updated 7-2.3.3.4.5 to read; “7-2.3.3.4.5 Drawings and Technical Manuals must be identified by group number, drawing number, latest revision and change letter (A, B, C, etc.) as listed within the hull specific Ship’s Drawing Index (SDI) or equipment specific Model Based Product Support (MBPS) information. For example:”

Rational: 7-2.3.3.4.5 aligned to JFMM direction concerning the use of hull and equipment specific information from Ship’s Drawing Index (SDI) and Model Based Product Support (MBPS) for the specific hull or equipment in question.

7. Change: CP 034 Updated 7-2.3.3.2 to read; “7-2.3.3.2 When Standard Items are listed as 2.1 the Fiscal Year must be included. (Standard Items (FY19))”

Rational: Every contract solicitation and contract issued contains a composite work package. The composite work package contains an index that states the applicable FY, therefore there is not a need to add the FY to each work item.

8. Change: CP 035 7-2.3.3.5.1 Updated Example Title; “S9086-T8-STM-010/CH-593 Rev 7, Pollution Control”

Rational: Standardize format of using an NSTM within 4E.

9. Change: CP 037

a. 7-2.4.4 Deleted last sentence and added new to read; “If current standard phraseology does not allow for this requirement to be met, do not modify the standard phraseology in accordance with the 4E, Annex B.”

b. Created New 7-2.4.4.1 to read; “No more than 3 levels of subparagraphs are allowed in specifications; for example, 3 levels of indentation are represented by subparagraph, 3.X.X.X.” Paragraphs at the 3.X level must be verb, noun format, subparagraph levels 3.X.X., and 3.X.X.X, are not required to be verb, noun format.”

Rational: Clarification of paragraph 7-2.4.4.

10. Change: CP 047

a. Updated 7-2.4.13.1 to read; “(Q) inspections require verification and documentation by a qualified government representative.”

b. Updated 7-2.4.13.2 to read; “(Q) inspections require verification and documentation by a qualified government representative:”

Rational: Eliminating NSI 009-090 in its entirety and reinforcing invoking guidance and phraseology in Appendix 4E is expected to mitigate prior issues when there is a legitimate need to contract OEM services.

11. Change: CP 410 7-2.6.3.1 Updated Definition; “7-2.6.3.1 LLTM: Material whose delivery date after receipt of order (ARO) exceeds 30 days or is deemed critical to the success of the availability by the Maintenance Team Project Manager regardless of the lead-time.”

Rational: Alignment with Specification Development Availability Execution Support (SDAES) Contract.

12. Change: CP 427 7-4.1 last sentence changed to read; “BWST’s will be reviewed and approved/disapproved by the Local Standards Coordinator for submittal to the MSC.”

Rational: Update 7-4.1 to tie the definition of a template from Section 2 with proposing a BWST as a template for repeated use across a ships class.

13. Change: CP 428 7-2.3.3.4.4 updated examples:

2.1 Standard Items (FY19)

2.2 MIL-STD-2003A, Electric Plant Installation Standard Methods for Surface Ships and Submarines

2.3 S9086-RK-STM-010/ CH-505 Rev 5, Piping Systems

2.4 SL460-AA-HBK-010 Rev 1, Handbook for Inspection, Packaging, Handling, Storage, and Transportation

2.5 S9169-AE-SSM-010 Rev 3, LPD 17 Class Equipment Manual for Advanced Enclosed Mast/Sensor (AEM/S Mast)

2.6 807-5037131 Rev C, Antenna Group OE-373A/SPS-48E Outline and Installation Drawing

2.7 Force Revision, 3-20

2.8 List of Effective Pages, UIC: V20134 Work Center: EM01 Date: 04/23/20

2.9 Maintenance Index Page, MIP Control Number: 2411/016-C9 Transmission and Propulsor Systems (LCS 5 Class and follow)

2.10 Maintenance Requirement Card, MRC Control Number: 49 J3KR N (Visually Inspect Main Propulsion Shaft Flexible Couplings)”

Rational: Restored the examples to 7-2.3.3.4.4 for use during work item development.

13. Change: CP 437 7-2.6.2.5 peculiar to “particular”

Rational: Administrative

Summary of Changes 4E ANNEX A

1. Change: CP 412 Updated 009-126 ANNEX A USAGE/Comment to read: “Invoke for CNO Availabilities. Not applicable to boats and craft 65 feet and less in length.”

Rational: 009-126 applies to all availabilities over 9 weeks in length per Annex A.

Summary of Changes 4E ANNEX B

1. Change: CP 028 Updated 2.E to read: “E. Sentence structure of phrases must be verb, noun format as required by Appendix 4-E, Section 7-2.4.4.”

Rational: Refer to the most appropriate section.

2. Change: CP 029 Updated 2.F to read: “F. Each phrase must identify compliance requirements as required by Appendix 4-E, Section 7-2.3.9.”

Rational: Refer to the most appropriate section.

3. Change: CP 030 Updated 2.G to read: “G. Ambiguous wording must not be used as indicated in Appendix 4-E, Sections 7-2.4.7. and 7-6.2”

Rational: Refer to the most appropriate section.

4. Change: CP 031 Updated 2.D to read: “D. Each phrase must express a complete thought, in clear, concise language which is contractually sound as required by Appendix 4-E, Section 7-2.4.7.”

Rational: Refer to the most appropriate section.

Summary of Changes 4E A-Phrases

1. Change: CP 006 A55a Added New sentence to the end of Note: “For A55b, planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

2. Change: CP 007 A25b Added New sentence to the end of Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

3. Change: CP 008 A45b Added New sentence to the end of Note: “For A45b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

4. Change: CP 009 A46b Added New sentence to the end of Note: “For A46b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

5. Change: CP 010 A47b Added New sentence to the end of Note: “For A47b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

6. Change: CP 011 A52c and A52d Added New sentence to the end of Note: “For A52c and A52d Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

7. Change: CP 012 A53b Added New sentence to the end of Note: “For A53b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

8. Change: CP 013 A71c Added New sentence to Note: “For A71c Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

9. Change: CP 014 A71e Added New sentence to the end of Note: “For Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

10. Change: CP 015 A71f Added New sentence to end of Note: “For A71f Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

11. Change: CP 016 A71g Added New sentence to Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

12. Change: CP 017 A71i Added New sentence to end of Note: “For A71i Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

13. Change: CP 018 A71k Added New sentence to end of Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

14. Change: CP 019 A96b Added New sentence to end of Note: “For A96b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

15. Change: CP 025 A48b Added New sentence to end of Note: “For A48b Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

16. Change: CP 042 A71e Changed the word hydrostatic to “operating”.

Rational: Changing “hydrostatic” to “operating” in A71e would allow the intent for operating test pressure option of feedwater piping, and the phraseology of A71b note to be correct. Phraseology A71g and A71h are for the hydrostatic testing of feedwater piping.

17. Change: CP 043 A71h shall to “must”.

Rational: Administrative

18. Change: CP 045 A90 Phrase Deleted.

Rational: 009-090 was Deleted.

19. Change: CP 442 A71i Corrected A71I to read “A71i”.

Rational: Administrative

Summary of Changes 4E B-Phrases

20. Change: CP 020 B34a Changed to read: “Accomplish a pre-repair unobstructed flow test for each deck drain located in 1.2, using 2._ for guidance.”

B34b Changed to read: “Accomplish a post-repair unobstructed flow test for each deck drain located in 1.2, using 2._ for guidance. Allowable obstruction: None.”

Rational: Main purpose: To know where the exit point of deck drains to alleviate water from not going overboard causing an environmental impact.

21. Change: CP 021 B35 Added the word “repair”; ..provider for removal, inspection, repair, installation, testing..

Rational: Provide contractors with accurate biddable contract language that can be contractually enforced during execution.

22. Change: CP 027 B26a Moved the word “each” to read: “Remove existing and install each new flexible hose assembly.”

Rational: Make B26a grammatically correct.

23. Change: CP 041 B4a-B4i Deleted the “-“in SSPC-SP XX and replaced with a space.

Rational: Administrative

24. Change: CP 046

a. B35b New to read: “B36 Provide OEM (technical documentation, special tools and/or equipment) to the government for the duration of the maintenance availability.”

b. B35c New to read: “B36a Submit one legible copy, in approved transferrable media, of the name and each qualification of the Technical Representative to the SUPERVISOR for approval a minimum of one day to commencement of work.” With New NOTE: To read: “Planners determine which item(s) inside parenthesis are included in the phrase, based on RMC needs. This phrase is invoked when the government does not have the technical documentation, special tools and/or equipment to provide proper oversight of the production work. This is not used to hire the OEM to provide government oversight, only for the OEM to provide the necessary materials to the government. Use B36a when B35 or B36 is invoked.”

Rational: Administrative

25. Change: CP 440 B12 Added “B8b”to the Notes as an option.

Rational: B8b is used when a report is required by a certain date for effective availability management. Including B8b as an option in the notes provides flexibility for adding a report deadline.

Summary of Changes 4E C-Phrases

1. Change: CP 022 C1 Added Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

2. Change: CP 023 C15 Added Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

3. Change: CP 024 C16a Added Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

4. Change: CP 026 C18a Added Note: “Planner to insert appropriate unit of measurement, i.e., psig, BAR, etc.”

Rational: 4E Standard Phraseology currently does not have a not to utilize the unit of measure called out in technical documents which the FY25 DEPOT LEVEL 4E REVIEW CHECKLIST Line Item 13 requires the use of Standard Phraseology “without deviation”.

Summary of Changes 4E D-Phrases

1. Change: CP 044 D21 Updated to read: “Template exact size, configuration, and location from each existing shipboard condition.”

Rational: Standardization and continuity of verbiage.

Summary of Changes 4E E-Phrases

1. Change: CP 044 E4b New Note to read: “Use E4b as a subparagraph when disassembly is invoked.”

Rational: Administrative

Summary of Changes 4E Administrative Changes Throughout

1. Change: Throughout

Table of Contents: Section 7 Title: DOCUMENT PREPARATION AND UTILIZATION INSTRUCTIONS. Added “NAVSEA” in front of Standard Items. Added “NAVSEA” in front of Standard Phraseology and Standard Phrases.

Section 2 Definitions: Added “NAVSEA” in front of Standard Items and added “N” in front of SI to read “NSI”.

Section 3 Program Objectives: Deleted one “and” from first sentence of 3-2.

Section 4 SI & WI: Added “NAVSEA” in front of Standard Items and added “N” in front of SI to read “NSI”. 4-5 Deleted “Standard” in front of “Work Templates”.

Section 7 DOCUMENT PREPARATION AND UTILIZATION INSTRUCTIONS: Added “NAVSEA” in front of Standard Items and added “N” in front of SI to read “NSI”.

ANNEX A INVOKING GUIDE: Added “NAVSEA Standard” in front of Item No. first column. Added “N” in front of SI to read “NSI”.

ANNEX B NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Items. Added “NAVSEA” in front of Standard Phraseology.

Section A NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Items. Added “NAVSEA” in front of Standard Phraseology.

Section B NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Items. Added “NAVSEA” in front of Standard Phraseology.

Section C NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Phraseology.

Section D NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Phraseology.

Section D NAVSEA STANDARD PHRASEOLOGY: Added “NAVSEA” in front of Standard Phraseology.

Rational: Administrative