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From: Commander, Navy Regional Maintenance Center

Subj: FISCAL YEAR 2029 NAVSEA STANDARD ITEMS AND APPENDIX 4-E

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

Encl: (1) NAVSEA Standard Items Summary of FY29 Changes
(2) COMUSFLTFORCOMINST 4790.3, Volume VII Appendix 4-E Summary of FY29 Changes

1. Per references (a) and (b), the Fiscal Year 2029 (FY29) NAVSEA Standard Items (NSI), and FY29 Volume VII Appendix 4-E are available on the official Standard Specification for Ship Repair and Alteration (SSRAC) website at:
<http://www.navsea.navy.mil/Home/RMC/CNRMC/OurPrograms/SSRAC.aspx>. The FY29 NSIs must be invoked in Chief of Naval Operations and Continuous Maintenance/Emergent Maintenance availabilities with a start date in FY29.
2. Requests for deviations from this requirement must be submitted via e-mail and routed to Commander, Navy Regional Maintenance Center (CNRMC) 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 Specifications 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. (Aaron) Simmons, CNRMC Technical Director, (757) 400-0020, or via e-mail: james.a.simmons166.civ@us.navy.mil.

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NAVSEA Standard Items Summary of FY29 Changes

Summary of Changes to 009-001, General Criteria; accomplish

Para 2.1, CP 101

a. **Change:** Updated reference 2.1 to 32 CFR Part 117, National Industrial Security Program Operating Manual.

b. **Rationale:** Reference 2.1 DOD 5220.22M was cancelled in August 2021.

Para 3.2.7, CP 103

a. **Change:** A report is no longer necessary if the equivalent information is already documented in the Master Requirements List (MRL), as outlined in standard 009-068.

b. **Rationale:** Removal of duplicate reports.

Para 3.4.3, CP 106

a. **Change 106:** Removal of "that is not already on hand".

b. **Rationale:** The reporting requirement has been expanded. Previously, contractors only needed to report on materials they still had to order. Now, they must report on all materials required for the work, including those they already have in their inventory.

Para 3.4.3.17 – 3.4.3.20, CP 106

a. **Change:** Addition of four data fields to the report: National Stock Number (NSN), Manufacturer Commercial and Government Entity (CAGE) Code, Unit of Issue, and Cost by Unit of Issue.

b. **Rationale:** NSN and CAGE Code ensures the contractor uses the exact part from the correct, approved manufacturer. Unit of Issue and Cost provides clear, auditable data for verifying material costs and aligning with the project budget.

Para 3.7, CP 048

a. **Change:** Updated to included drawings.

b. **Rationale:** Reduces the potential for misinterpretation.

Para 4.2, CP 110

a. **Change:** Removed TDMIS link and updated to the MBPS link.

b. **Rationale:** TDMIS was deleted in 2023 and replaced with MBPS.

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

Para 4.3, CP 292

a. **Change:** Added note 4.3 for informational purposes.

b. **Rationale:** Formally communicate a known hazard.

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

Para 2.1 and 2.2, CP 345

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 2.3, CP 165

- a. **Change:** Added ANSI Z540 as an approved reference.
- b. **Rationale:** Various manufacturers use different standards.

Para 3.8.2 and 3.10.1, CP 058

- a. **Change:** Spell out abbreviation.
- b. **Rationale:** First time the acronym is used in the NSI.

Para 3.10.2.1 and 3.17, CP 170 and 175

- a. **Change:** Added Habitability Key Event.
- b. **Rationale:** The JFMM now recognizes Habitability as a Key Event.

Para 3.10.2.2, CP 172

- a. **Change:** Removed the requirement for a "unique identifier" be common to both the Test and Inspection Plan (TIP) and the Integrated Production Schedule (IPS).
- b. **Rationale:** Using a single identifier is "not feasible" because the two documents are structured differently.

Attachment E, CP 163

- a. **Change:** Removed existing format and replaced with a table.
- b. **Rationale:** Improved readability.

Summary of Changes to 009-005, Temporary Access; accomplish

Para 2.3, CP 343

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1, CP 138

- a. **Change:** Removed identical language in the paragraph.
- b. **Rationale:** Avoid repetition and be concise.

Para 3.2.6, CP 317

- a. **Change:** Updated the requirement to include a minimum amount.
- b. **Rationale:** Comply with Para 2.2.

Para 3.9.1, CP 140

- a. **Change:** Updated paragraph to include requirements of 009-032.
- b. **Rationale:** 009-032 is required for preservation.

Summary of Changes to 009-006, Maintaining Protection and Cleanliness from Non-Radioactive Operation; accomplish

Para 2.2, CP 344

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 4.1.1, CP 111

- a. **Change:** Included “used clothing and PPE” to the examples of debris.
- b. **Rationale:** Improve cleanliness.

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

Para 2.3 and 2.4, CP 345

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.2 – 2.9, 2.11, 2.12, 2.14, 2.17, 2.19, 2.21, 2.23, 2.26, 2.27, and 2.29, CP 436

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.3.2 and Attachment B, CP 287

- a. **Change:** Updated the requirement to be IAW 009-004 Attachment E which removed 009-008 Attachment B.
- b. **Rationale:** Align with verbiage in 009-120, para 3.3.7.

Para 3.6, 3.6.4, 3.6.5, 3.9, 3.11, 3.12, 3.13, 3.16, and 3.22 CP 481

- a. **Change:** Included dry docks in the temporary structure and laydown plans.
- b. **Rationale:** Standardize requirements and minimize risk in dry docks by including the management of material and structures.

Para 3.40.1.2, CP 081

- a. **Change:** Added a requirement for training muster to be submitted.
- b. **Rationale:** Strengthens accountability and verification of training related to temporary firefighting systems.

Para 3.41.7.6, 3.41.7.7, and 4.23, CP 082

- a. **Change:** Added a requirement to allow for a single, annual hydrostatic test of the entire temporary system while it is installed and defined “modifying”.
- b. **Rationale:** Removed redundancy and possibility for misinterpretation.

Para 3.48.11.1, CP 085

- a. **Change:** Added a requirement for training muster to be submitted.
- b. **Rationale:** Strengthens accountability and verification of training related to QDFs used by each RA.

Para 3.49.1, CP 086

- a. **Change:** Included adjacent pier, wharf and drydock areas to the inspection conducted every work shift.
- b. **Rationale:** To ensure clear lines of responsibility.

Para 3.49.4, CP 039

- a. **Change:** Updated NSI called out in paragraph
- b. **Rationale:** Comply with 4E requirement 6-6.1.2.2

Para 3.59.5 and 3.59.5.2 , CP 090

- a. **Change:**
 - The requirement to provide a daily recap of hot work statistics is no longer an automatic weekly submission. It now only needs to be submitted to the SUPERVISOR upon request.
 - The requirement to provide a two-week forecast of planned hot work has been completely deleted.
- b. **Rationale:** To reduce administrative burden and eliminate duplicative reporting.

Para 3.61.8.1, CP 495L

- a. **Change:** Remove the requirement to install spark arrestors on ventilation ducting used for hot work.
- b. **Rationale:** The spark arrestor requirement creates a greater immediate hazard than the one it is meant to prevent

3.59.15 and 3.61.12.2, CP 092

- a. **Change:** Moved the requirements for refueling diesel-powered equipment from paragraph 3.59.15 to the main shipboard fueling section, 3.61.12.
- b. **Rationale:** Improve the document's clarity and logical flow.

Para 3.61.12, 3.61.12.5, 3.61.12.5.1, 3.61.12.8, and 3.61.12.11, CP 512L

- a. **Change:** Updated to allow the use of larger, 600-gallon fuel tanks, but only for the duration of an active refueling operation. The previous 300-gallon limit now applies only to fuel tanks that are stored shipboard.

- b. **Rationale:** Align the policy with industry standard practice while maintaining safety.

Para 4.22, CP 479

- a. **Change:** Addition of note 4.22.
- b. **Rationale:** Align with 009-074 verbiage.

Attachment D, CP 075

- a. **Change:** Updated GPMs.
- b. **Rationale:** Align with NAVSEATECHPUB 8010 REV1 CH2.

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

Para 3.7, CP 059

- a. **Change:** Spell out abbreviation.
- b. **Rationale:** First time the acronym is used in the NSI.

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

Para 2.8, CP 347

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.8, CP 474

- a. **Change:** After new insulation is installed, a visual inspection is now required.
- b. **Rationale:** Implement a final verification check that ensures the correct insulation materials have been used.

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

Para 2.3, 2.5, 2.11, 2.12, 2.14 – 2.18, CP 348

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1, CP 426

- a. **Change:** Revised to include references to paragraphs 2.17 and 2.18.
- b. **Rationale:** Ensure all necessary requirements for welding on LCS class aluminum are properly invoked.

Summary of Changes to 009-013, Meter, Gage, Switch, and Thermometer; repair

Para 2.2, 2.4, and 2.5, CP 349

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 4.6, CP 322

- a. **Change:** Updated Certification Branch contact information.
- b. **Rationale:** Maintain the accuracy of contact information.

Summary of Changes to 009-014, Critical Non-Crane Rigging Operations Aboard Naval Vessel; provide

- a. **Change:** Creation of a new standard item.
- b. **Rationale:** Introduces a more rigorous engineering evaluation for rigging operations to ensure they are conducted safely, minimizing risks to personnel and preventing damage to the ship.

Summary of Changes to 009-015, Rotating Machinery; balance

Para 2.1 and 2.3, CP 350

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-016, Electronic Equipment; repair

Para 2.2, CP 351

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.2 – 2.6, 2.9, and 2.11 – 2.12, CP 344

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1, 2.2, 2.5, 2.6, and 2.9, CP 353

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17

Para 2.5, 3.1.6, and 3.3.4, CP 414

- a. **Change:** All technical manual references associated with decommissioned Mine Warfare ships were deleted and updated paragraphs to reflect the reference updates.
- b. **Rationale:** Administrative cleanup.

Summary of Changes to 009-022, Berthing and Messing Barge Support Services; accomplish

NEW NSI, CP 136

- a. **Change:** Creation of a new standard item.

b. **Rationale:** Standardize the requirements to ensure the critical safety criteria is always applied for berthing and messing barge support services.

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

Para 2.1 – 2.5, CP 354

a. **Change:** Updated designation of reference.

b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1 and 2.5 – 2.8, CP 335

a. **Change:** Updated designation of references.

b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.2, CP 114

a. **Change:** Removed “submarines only”.

b. **Rationale:** Para 2.1 requires all ships to perform safety checks.

Attachment A, CP 049

a. **Change:** Added the term “void” to the check-off sheet.

b. **Rationale:** Per 3.5.1, voids should also be inspected.

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

Para 2.1-2.2, CP 356

a. **Change:** Updated designation of reference.

b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1-2.2, CP 358

a. **Change:** Updated designation of reference.

b. **Rationale:** Comply with 4E requirement 6-9.17

Summary of Changes to 009-029, LCC-19 and LHD-1 Class Main and Auxiliary Condenser Waterjet Cleaning; accomplish

a. **Change:** New NSI.

b. **Rationale:** Standardize the process for waterjet cleaning of main and auxiliary condensers specifically for LCC-19 and LHD-1 Class ships.

Summary of Changes to 009-030, Boiler Sample Tube; inspect

Para 2.1, CP 359

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1, CP 360

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.2-2.6, 2.9, and 2.11-2.12, CP 362

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-034, Fire Protection of Unmanned Vessel at Contractor Facility; accomplish

Para 2.1, CP 363

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-036, Controller; repair

Para 2.2, CP 364

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-038, Boiler, Catapult Accumulator, and Reboiler Dry Lay-up; accomplish

Para 2.1 – 2.2, 2.4 – 2.5, CP 365

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Attachment C, CP 041

- a. **Change:** Removal of “FOR OFFICIAL USE ONLY”.
- b. **Rationale:** Comply with DoDI 5200.48.

Summary of Changes to 009-045, Tapered Plug Valve; repair

Para 2.1 – 2.3, CP 366

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-046, Butterfly Valve, Synthetic and Metal Seated; repair

Para 2.1 – 2.3, CP 367

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-047, Gate Valve; repair

Para 2.2 – 2.4, CP 368

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-048, Pressure Seal Bonnet Valve Shop Repair; accomplish

Para 2.4 – 2.8, CP 369

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-049, Pressure Seal Bonnet Valve In-line Repair; accomplish

Para 2.4 – 2.6, CP 370

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-050, Horizontal Swing Check Valve; repair

Para 2.1 – 2.3, CP 371

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-051, Ball Valve; repair

Para 2.1 – 2.3, CP 372

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-052, Relief Valve; repair

Para 2.1 – 2.3, CP 373

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-053, Bolted Bonnet, Globe, Globe Angle, and Globe Stop Check Valve Shop Repair; accomplish

Para 2.1 – 2.4, CP 374

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-054, Bolted Bonnet, Globe, Globe Angle, and Globe Stop Check Valve In-line Repair; accomplish

Para 2.1 and 2.4, CP 375

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-055, Regulating/Reducing Valve; repair

Para 2.1 - 2.3, CP 376

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-056, Main Propulsion Boiler Wet Lay-up; accomplish

Para 2.1, CP 377

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.3.3 and 3.4, CP 191

- a. **Change:** Updated to align with the latest revision of the technical manual (NSTM 220 Vol 2, Rev 15).
- b. **Rationale:** Ensure the boiler wet lay-up procedure is performed in strict accordance with the current, authoritative technical guidance

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

Para 2.1 and 2.2, CP 378

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-058, Pump and Driver Shaft Alignment; accomplish

Para 2.1, CP 379

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1, CP 380

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.1.3 and 4.4, CP 115

- a. **Change:** Added Habitability Key Event.
- b. **Rationale:** The JFMM now recognizes Habitability as a Key Event.

Para 3.1.5, 3.5.2, and 4.1.26, CP 298

- a. **Change:** Updated the requirement to create a formal “working schedule” after the SMR but before the WPER.
- b. **Rationale:** To ensure the WPER is conducted using an up-to-date and realistic schedule.

Para 3.1.7.3 and 4.7, CP 499L

- a. **Change:** Added a new (4.7) that clarifies the conditions under which a project schedule can be rejected for being behind.
- b. **Rationale:** Establish a clear and objective standard for schedule rejection, shifting the focus from the existence of a delay to the contractor's response to it.

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

Para 2.2, CP 381

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.9, CP 096

- a. **Change:** Added a cross-reference, "See Note 4.3", to paragraph 3.9.
- b. **Rationale:** Clarify the purpose of the 14-day notification requirement in the most efficient way.

Para 4.1, CP 097

- a. **Change:** Removed existing format and replaced with a table.
- b. **Rationale:** Improved readability.

Summary of Changes to 009-062, Boiler Handhole, Manhole Seat and Plate; inspect

Para 2.1, CP 382

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1 and 2.2, CP 383

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.3.2, 3.4, 3.4.1.1, and Attachment A, CP 184

- a. **Change:** Updated to approve the use of ASTM D5185 as an acceptable alternative to the older ASTM D6595 standard for spectrographic oil analysis.
- b. **Rationale:** Modernize the standard and align it with current industry capabilities.

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

Para 2.1, CP 384

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.2.2.1, CP 339

- a. **Change:** Removes the specific requirement to use the Test and Evaluation Automated Management Information System (TEAMIS) as the primary source for approved test procedures.
- b. **Rationale:** A survey conducted revealed that TEAMIS is not utilized by the RMCs and industry partners.

Para 3.3.2, CP 431

- a. **Change:** Spell out of the acronym LMA and define LMA as the chairman of the Total Ship Testing Meeting.
- b. **Rationale:** Comply with Para 2.2 which changed the responsibility for chairing this group.

Para 3.3.6 and 3.3.8, CP 122

- a. **Change:** Added a requirement of sending Agendas prior to meetings and meeting minutes along with any changes to the test plans to all members no later than two days after each meeting.
- b. **Rationale:** Improve meeting effectiveness and ensure clear, timely communication.

Summary of Changes to 009-068, Availability Work Certification (AWC) Data; provide

Para 1.1, CP 467

- a. **Change:** Removed “for availabilities” from title.
- b. **Rationale:** Reduction of redundancies.

Para 3.1.1, CP 464

- a. **Change:** Rephrased the requirement to be tied to the applicable KE vice “each” KE.
- b. **Rationale:** Reduce the possibility of misinterpretation.

Para 3.1.2, CP 125 and 450

- a. **Change:** Added habitability key event and moved the paragraph to ensure applicability to follow on paragraphs.
- b. **Rationale:** Added KE per the JFMM.

Para 3.1.3.1, CP 124 and 468

- a. **Change:** Called out 009-111 as a possibly applicable NSI and added “as applicable”.
- b. **Rationale:** Expanding the use to non-CNO availabilities.

Para 3.1.5, 3.2.2, and 3.2.2.1, CP 461

- a. **Change:** Removed the requirement to submit via CFR in NMD.
- b. **Rationale:** Comply with phraseology requirements.

Para 3.1.5, 4.3, and 4.4, CP 461

- a. **Change:** Inclusion of 009-111 where applicable.
- b. **Rationale:** Expands requirements to all availability types.

Para 3.3.6, CP 466

- a. **Change:** Removed the phrase “throughout the availability”.
- b. **Rationale:** Reduction of redundancies.

Table 1, CP 127

- a. **Change:** Added habitability key event and moved the paragraph to ensure applicability to follow on paragraphs.
- b. **Rationale:** Added KE per the JFMM.

Table 1, CP 103

- a. **Change:** Added requirement for CFR No. to be added to the MRL.
- b. **Rationale:** Removes duplicate reports required by 009-001.

Table 2, CP 128

- a. **Change:** Add the option to void RCCs.
- b. **Rationale:** Currently RCCs are not being accurately recorded if the RCC is rendered void and will not be settled.

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

Para 2.1 and 2.3, CP 385

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.3 and 2.4, CP 386

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-071, Piping System; test

Para 2.1 – 2.2, CP 387

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17

Para 3.1.3.1 and 3.1.3.2, CP 192

- a. **Change:** Added requirement for mechanical joints in steam, compressed air, and compressed gas systems.
- b. **Rationale:** Resolve a direct conflict between the Standard Item and a higher-level technical requirement in NSTM Chapter 505.

Note 4.1, CP 193

- a. **Change:** Definition for "Boiler pressure vessel piping," has been deleted.
- b. **Rationale:** The term "Boiler pressure vessel piping" was defined in the notes section but was never actually used in the main requirements section (Section 3) of the document.

Summary of Changes to 009-072, Physical Security at a Private Contractor Facility; accomplish

Para 2.4, CP 388

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.2, 3.2.6, 3.5, 4.1.1, 4.5, Attachment A, and Addendum One, CP 388

- a. **Change:** Updated verbiage throughout the NSI.
- b. **Rationale:** Reduce misinterpretation and clarify requirements.

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

Para 2.3, 2.6, and 2.9 – 2.10, CP 389

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Attachment B, CP 296

- a. **Change:** Updated Attachment B.
- b. **Rationale:** Comply with requirements of NAVSEAINST 9304.1F.

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

Para 2.6, CP 390

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.4.1, CP 098

- a. **Change:** Addition of a new requirement mandating that all contract personnel must have company-designating stickers or markings on their hard hats.
- b. **Rationale:** To improve safety accountability and hazard abatement on worksites.

Summary of Changes to 009-076, Waveguide and Rigid Coaxial Lay-Up; accomplish

Para 2.1, CP 391

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-078, Passive Countermeasure System (PCMS) Material; repair

Para 2.1, CP 392

- a. **Change:** Updated designation of reference.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-081, Compartment Closeout; accomplish

Para 3.1, CP 050

- a. **Change:** Spell out abbreviation.
- b. **Rationale:** First time the acronym is used in the NSI.

Summary of Changes to 009-083, Wire Rope Assembly; fabricate

Para 2.1, CP 393

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.3, CP 394

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.1.2, CP 060

- a. **Change:** Spell out abbreviation.
- b. **Rationale:** First time the acronym is used in the NSI.

Summary of Changes to 009-086, Recovery and Turn-In of Ozone Depleting Substance (ODS); accomplish

Various Paragraphs, CP 509L

- a. **Change:** Addition of Hydrofluorocarbons (HFCs).
- b. **Rationale:** Comply with 4th ODS reserve.

Summary of Changes to 009-087, Chemical Sanitization Procedure; accomplish

Para 2.1, CP 395

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 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

Para 2.2 – 2.5, CP 396

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.4, 4.3, and 4.4 CP 100

- a. **Change:** Updated the requirement for a Process Control Procedure (PCP) automatic.
- b. **Rationale:** To make the requirement for a formal, step-by-step procedure automatic and unambiguous.

Summary of Changes to 009-091, Propeller In-Place Inspection; accomplish

Para 2.1, CP 397

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-092, Resilient Mount; install

Para 2.2, CP 398

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-095, Mechanically Attached Fitting (MAFs); install

Para 2.1, CP 399

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.3 and 3.4, CP 510L

a. **Change:** Requirement for installing Mechanically Attached Fittings (MAFs) has been changed from a reactive, post-installation report to a proactive, pre-installation approval process. Contractors must now submit a formal request and receive explicit approval from the SUPERVISOR before any work can begin.

b. **Rationale:** Prevent the cost and schedule delays associated with rework.

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

Para 3.1, CP 051

a. **Change:** Spell out abbreviation.

b. **Rationale:** First time the acronym is used in the NSI.

Summary of Changes to 009-100, Ship's Stability; maintain

Para 2.2 – 2.5, CP 400

a. **Change:** Updated designation of references.

b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.3 and 3.3.1.1, CP 315

a. **Change:** Removed report timeline requirements.

b. **Rationale:** Align with 009-009.

Summary of Changes to 009-101, Ship Transit and Berthing; accomplish

Para 2.1, CP 401

a. **Change:** Updated designation of references.

b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1, CP 402

a. **Change:** Updated designation of references.

b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.1.2, CP 037

a. **Change:** Spell out abbreviation.

b. **Rationale:** First time the acronym is used in the NSI.

Para 4.2, CP 036

a. **Change:** Updated Technical Point of Contact (TPOC).

b. **Rationale:** Maintain the accuracy of contact information.

Summary of Changes to 009-105, Thermal Sprayed Coating for Machinery Component Repair; accomplish

Para 2.2, CP 490

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 2.1 – 2.3, CP 404

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 4.4, CP 404

- a. **Change:** Added new note 4.4.
- b. **Rationale:** Provide a clear understanding that NSI 009-024 is the main source of maintaining FME and that NSI 009-107 is to be used when FME is lost or suspected of being lost.

Summary of Changes to 009-109, Non-SUBSAFE Work on SUBSAFE-Certified Vessel; accomplish

Para 2.1 – 2.4, CP 053 and 405

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-110, Non-Nuclear Work on a Nuclear Vessel; accomplish

Para 3.3.4 and 3.6, CP 134

- a. **Change:** Deleted a sentence from paragraph 3.3.4 that requires the immediate reporting of any inadvertent contact with nuclear equipment and clarified requirement in 3.6.
- b. **Rationale:** Eliminate redundancy and prevent confusion.

Summary of Changes to 009-111, Schedule and Associated Report for non-CNO Availability; provide and manage

Para 2.1, CP 406

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Attachment B, CP 186

- a. **Change:** Removed existing format and replaced with a table.
- b. **Rationale:** Improved readability.

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

Para 2.3-2.7 and 2.11 - 2.12, CP 407

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-114, Mold Remediation; accomplish

Para 4.1, CP 047

- a. **Change:** Updated link to EPA Mold Remediation document
- b. **Rationale:** Keep up-to-date records.

Summary of Changes to 009-116, Waste Heat Boiler Sodium Nitrite Wet Lay-up; accomplish

Whole NSI, CP 197

- a. **Change:** Delete the NSI.
- b. **Rationale:** The ships this NSI pertain to have been decommissioned.

Summary of Changes to 009-118, CG Deck Loading; accomplish

Para 2.1, CP 409

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 4.5, CP 286

- a. **Change:** Correctly reference "Attachment A" of NAVSEA Standard Item 009-008.
- b. **Rationale:** Ensure document consistency.

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

Para 2.1 and 2.3, CP 410

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Summary of Changes to 009-123, Fiber Optic Component; remove, relocate, repair, and install

Para 2.6 – 2.7, CP 411

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

Para 3.8 - 3.9 and 4.7 – 4.8, CP 425

- a. **Change:** Removes notes 4.7 and 4.8 and explicitly requires compliance with 009-025 and 009-032.
- b. **Rationale:** Reduce redundancy and misinterpretation.

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

Para 2.1 – 2.2 and 2.4 – 2.9, CP 054 and 413

- a. **Change:** Updated designation of references.
- b. **Rationale:** Comply with 4E requirement 6-9.17.

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

Para 3.1.1.2, 3.1.1.5, 3.3, and 4.3, CP 297

- a. **Change:** Transforms the SMR from a late-stage compliance check into an early, critical planning event designed to build a stable and reliable schedule from the start.
- b. **Rationale:** Prevent schedule instability after work begins by moving the in-depth review to an earlier point in the planning process, ensuring a stable and executable schedule is established from the start.

COMUSFLTFORCOMINST 4790.3, Volume VII Appendix 4-E Summary of FY29 Changes

TABLE OF CONTENTS, CP 031

- a. **Change:** Capitalized “of” in title.
- b. **Rationale:** Comply with 4E requirements.

SECTION 2, SUBJECT, CP 012

- a. **Change:** Capitalized “of” in subject title.
- b. **Rationale:** Comply with 4E requirements.

SECTION 6, SUBJECT, CP 027

- a. **Change:** Capitalized “and” in subject title.
- b. **Rationale:** Comply with 4E requirements.

SECTION 2, Para 2-2.2, CP 013

- a. **Change:** Added “of” to sentence.
- b. **Rationale:** Improve readability.

SECTION 2, Para 2-3.2, CP 014

- a. **Change:** Removed plural RMC.
- b. **Rationale:** Improve readability.

SECTION 5, Para 5-5, CP 016

- a. **Change:** Hyphenated “repair-oriented”.
- b. **Rationale:** Corrected spelling.

SECTION 6 NOTE, CP 265

- a. **Change:** Added clarification for examples.
- b. **Rationale:** Prevent misinterpretation of examples by clarifying their purpose.

SECTION 6, Para 6-4.1.1.2, CP 254

- a. **Change:** Added paragraph to create exception to Paragraph 2 for the suitable terms requirements.

b. **Rationale:** Allow reference documents to be cited by their exact, official titles without violating suitable terms requirements.

SECTION 6, Para 6-4.1.1.2 Table, CP 255

- a. **Change:** Removed the word “drain” from the not suitable list and replaced with “uninstall”.

b. **Rationale:** “Drain” is a necessary and unavoidable term in many technical descriptions. “Uninstall” can be replaced with a more precise word, “remove”.

SECTION 6, Para 6-6.1.2.2.1 Table, CP 028

a. **Change:** Administrative change to add "SASEBO JRMC" with the two-letter designator "SA" to the official list of "LSI Activity Designators"

b. **Rationale:** Reserve the "SA" designator for Sasebo JRMC in preparation for them issuing their own Local Standard Items (LSIs) starting in Fiscal Year 2027

SECTION 6, Para 6-6.1.2.4.1, CP 021

a. **Change:** Administrative change to correct spelling.

b. **Rationale:** Corrected spelling.

SECTION 6, Para 6-6.2.2.3.2 and 6-6.3.2.3.2, CP 260

a. **Change:** Administrative change to standardize the definition of "CMP" (Class Maintenance Plan).

b. **Rationale:** Ensure consistency and eliminate confusion.

SECTION 6, Para 6-6.3.2.2.2.1, CP 022

a. **Change:** The word "is" was added to the second sentence.

b. **Rationale:** Improve clarity and readability.

SECTION 6, Para 6-6.3.2.3.1, CP 023

a. **Change:** A duplicate colon after the word "include" was corrected.

b. **Rationale:** Improve punctuation.

SECTION 6, Para 6-6.3.2.4, CP 024

a. **Change:** The word "is" was added to the second sentence.

b. **Rationale:** Improve clarity and readability.

SECTION 6, Para 6-8.2.1.6, CP 263 and CP 029

a. **Change:** The titles were rewritten to correctly reflect the requirements of suitable and not suitable terms.

b. **Rationale:** Comply with suitable and not suitable terms requirements.

SECTION 6, Para 6-8.2.4, CP 264

a. **Change:** Added a reference to the Government Planners Handbook and Estimating Guide (GPHEG).

b. **Rationale:** Ensure consistency.

SECTION 6, Para 6-9.6 and 6-9.17.1.1, CP 026

a. **Change:** Requirement regarding circular references has been clarified for greater precision.

b. **Rationale:** Improve clarity and eliminate misinterpretation.

SECTION 6, Para 6-9.17.5, CP 025

a. **Change:** Updated to require citing the specific "Drawing Title" itself, rather than the entire "Drawing Title Block."

b. **Rationale:** Standardize the citation process and improve clarity.

SECTION 6, Para 6-10.18.4, CP 017 and 273

a. **Change:** Corrected spelling error and removed "all".

b. **Rationale:** Correct spelling error and comply with suitable and not suitable terms requirements.

SECTION 6, Para 6-10.18.5, CP 205 and 274

a. **Change:** Require that B16b be used whenever invoking material from Paragraph 5.

b. **Rationale:** Standardize work specifications

SECTION 6, Para 6-10.22.3, CP 018

a. **Change:** Administrative change to correct grammatical error.

b. **Rationale:** Improve grammatical accuracy.

SECTION 6, Para 6-10.22.6 (Q) Inspection, CP 275

a. **Change:** Updated definition of (Q) Inspection to align to 009-004.

b. **Rationale:** Eliminate a direct conflict in the requirements.

SECTION 6, Para 6-12.2.6, CP 019

a. **Change:** Administrative change to correct grammatical error.

b. **Rationale:** Improve grammatical accuracy.

SECTION 6, Para 6-12.6, CP 276

a. **Change:** Updated example to reflect B16b change.

b. **Rationale:** Comply with B16b requirements.

SECTION 6, Para 6-13.5, CP 277

a. **Change:** Updated to include MSWTs.

b. **Rationale:** Improve clarity.

SECTION 6, Para 6-14.1.1, CP 289

a. **Change:** Added a specific exception for fire safety deviations related to NAVSEA Standard Item 009-008.

b. **Rationale:** Reduce administrative burden and eliminate a redundant process.

SECTION 6, Para 6-15.4.15.3, CP 020

a. **Change:** Administrative change to correct grammatical error.

b. **Rationale:** Improve grammatical accuracy.

SECTION 6, Para 6-17.20 and 6-17.47, CP 278

a. **Change:** Rewritten to state that planners DO list a known source, but only if it is a verified sole-source item.

b. **Rationale:** Establishes clear boundaries for citing proprietary sources without maintaining contradictory or duplicative negative constraints.

SECTION 6, Para 6-17.27, CP 279

a. **Change:** Added a note specifying that this rule "Does not apply to approved Standard Phraseology."

b. **Rationale:** Resolving conflicting requirements within the 4E.

SECTION 7, CP 281

a. **Change:** Deletion of Section 7.

b. **Rationale:** Remove unnecessary content that could cause confusion

ANNEX A, 009-068, CP 421

a. **Change:** Removed the restriction limiting its use to "CNO availabilities" only.

b. **Rationale:** Align the usage guidance with the broader applicability of the standard item.

ANNEX B, Para 3, CP 253

a. **Change:** Administrative change to correct grammatical error.

b. **Rationale:** Improve grammatical accuracy.

ANNEX B, SECTION A, 009-045, CP 199

a. **Change:** Removed 009-096 from the note and updated with 009-051.

b. **Rationale:** Improve accuracy.

ANNEX B, SECTION A, 009-051, CP 201

a. **Change:** The existing phrases A96a, A96b, and A96c have been renumbered to become A51a, A51b, and A51c.

b. **Rationale:** 009-096 was cancelled and has been replaced by 009-051.

ANNEX B, SECTION A, 009-065 CP 004

a. **Change:** Administrative change to correct spelling.

b. **Rationale:** Corrected spelling.

ANNEX B, SECTION A, 009-071, A71e, A71h, CP 191

a. **Change:** Updated reference.

b. **Rationale:** Correction of outdated references.

ANNEX B, SECTION A, 009-071, A71h, CP 003

a. **Change:** Corrected incorrectly written reference.

- b. **Rationale:** Ensure accuracy by correcting a typo.

ANNEX B, SECTION A, 009-107, CP 002

- a. **Change:** Corrected incorrectly written NSI.
- b. **Rationale:** Ensure accuracy by correcting a typo.

ANNEX B, SECTION B, B6b, CP 203

- a. **Change:** Added a new usage note.
- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION B, B11, CP 204

- a. **Change:** Updated reference.
- b. **Rationale:** Correction of outdated references.

ANNEX B, SECTION B, B16b, CP 205

- a. **Change:** Require that B16b be used whenever invoking material from Paragraph 5.
- b. **Rationale:** Standardize work specifications.

ANNEX B, SECTION B, B28a and B28b, CP 005

- a. **Change:** Hyphenated man-day.
- b. **Rationale:** Ensure accuracy by correcting a typo.

ANNEX B, SECTION B, B28b, CP 208

- a. **Change:** Updated to use the word each vice plurals.
- b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION B, B30a, CP 208 and 209

- a. **Change:** Updated to remove non descriptive statements.
- b. **Rationale:** Comply with 4E paragraph 6-17.29.

ANNEX B, SECTION B, B33c, CP 006

- a. **Change:** Corrected spelling of shipyard.
- b. **Rationale:** Typo correction.

ANNEX B, SECTION B, B35a, CP 489L

- a. **Change:** Modified to provide greater flexibility when scoping work for an Original Equipment Manufacturer (OEM).
- b. **Rationale:** Provide planners with the flexibility to properly scope the specific work they want the OEM to perform.

ANNEX B, SECTION B, B36, CP 211

- a. **Change:** Added a new standard phrase.

- b. **Rationale:** Create a standardized phrase to enforce an existing fluidized bed requirement.

ANNEX B, SECTION C, C4a, CP 212

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION C, C4b, CP 213

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION C, C4c, CP 214

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION C, C11a – C14 and C21a, CP 323

- a. **Change:** Added usage notes to restrict the use of MIL-STD-777 for in-service repairs.

- b. **Rationale:** Enforce proper engineering discipline and protect long-term equipment reliability.

ANNEX B, SECTION D, D5, CP 218

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION D, D6, CP 219

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION D, D8, CP 220

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION D, D13, CP 224

- a. **Change:** Added a new usage note.

- b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION D, D17, CP 225

- a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION D, D19b, CP 004

a. **Change:** Hyphenated ship check.

b. **Rationale:** Typo correction.

ANNEX B, SECTION D, D23a – D23e, CP 251

a. **Change:** New series of standard phrases, D23a through D23e for accomplishing Base Metal Weld Buildup.

b. **Rationale:** Create a clear, uniform process for Base Metal Weld Buildup.

ANNEX B, SECTION E, E11b, CP 229

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION E, E27, CP 010 and 230

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION E, E29, CP 231

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E30b, CP 232

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E31, CP 233

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E33, CP 234

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E34, CP 235

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E35, CP 236

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E37-E40b, CP 238-242

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E42, CP 243

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.

ANNEX B, SECTION E, E52b, CP 245

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION E, E53a, CP 237

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION E, E64, CP 246

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION E, E71, CP 247

a. **Change:** Updated to use the word each vice plurals.

b. **Rationale:** Comply with 4E paragraph 6-17.17.

ANNEX B, SECTION F, F13, CP 250

a. **Change:** Added a new usage note.

b. **Rationale:** MIL-SPECs must be listed as references in paragraph 2 in accordance with 4E paragraph 6-9.2.