

Summary of Changes for FY10 Change One to 009-32
(Also incorporated as FY09 Change 3)

The intent of these changes is to:

1. Require single-coat paints, rather than have it just be an option, in some areas such as ballast tanks, dry voids, and chain lockers. Changes to the Tables and the Notes remove options for multi-coat paints in these tanks.
2. Changes are included to add single-coat paints as an option in fuel tanks and compensated fuel tanks. The baseline multi-coat systems, with the already approved option to delete stripe coat for the MIL-PRF-23236, Type VII, edge-retentive coatings are retained.
3. As per 1 OCT 2008 SEA 08R route sheet, allows the option for MIL-PRF-23236 Type VII, edge retentive, Class 9 coatings in potable water tanks on aircraft carriers.

Technical Changes:

1. In all Tables, added single-coat paint as the required coating for ballast tanks by deleting the options for using multi-coat paints. Single-coat paints intended to support a 15-20 yr service life are required to be applied at 50% RH, and required to include optically active pigment inspections with a violet light. Single-coat paints intended for a 10-12 yr service life may be applied at up to 85% RH and may be inspected with violet light. (OAP is addressed in new Note (58) and 3.10.10.2.) The option to use multi-coat paints in low temperature ballast tank painting is retained for ballast tank 5-7 yr service life, because single-coat paints will not cure at these lower temperatures. The following Table Lines have been modified:

- Table 4 Lines 9-12, - Struck requirement for stripe and topcoats.
 - Table 4 Lines 13 & 14
 - Table 4 Lines 15 & 16
 - Table 8 Lines 4 & 5
 - Table 8 Lines 7 & 8
 - Table 8 Lines 11 & 12
 - Table 8 Lines 13 & 14
 - Table 8 Lines 15 & 16
 - Table 8 Lines 19 & 20
 - Table 8 Lines 24 & 25
 - Table 8 Lines 26 & 27
 - Table 8 Lines 28-31
 - Removed old Line 28 as an option. Moved Line 31 to Line 28 (minimal editing).
2. Added single coat as an option for fuel tanks (Table 4 Line 7A; Table 8 Lines 11 & 24).
- 2A. Added "Painted Normal Fuel Oil" Tanks Line for submarines (Table 8 Line 34A).
3. Updated Note (24) and Note (40A) for single-coat paint to allow option for the spray product to be used if brush application needed, and if so, that only one set of QA needs to be conducted.
4. In Table 4 added new Line 1A to provide option of MIL-PRF-23236 Type VII Class 9 in potable water tanks on aircraft carriers.

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5. Specified which "Types" of coatings are acceptable for MIL-PRF-24635 in Table 2.
6. Corrected wording in 3.6.2.1 and 3.6.2.2 for touch up that the (G) portion of the checkpoint is waived. (Current wording incorrectly allows (V) instead of (I) for non-critical areas.)
7. Modified wording in 3.10.8.1 & 3.11.5.1 for dust tape cleanliness.
8. Added "freshwater drain collecting" tanks to list in Note (31A) at direction of SEA08.
9. Added sentence to 3.1.3.2 clarifying that Abrasive sponge media shall be procured from the manufacturer or their authorized licensee.

Editorial Corrections:

1. Clarified in 3.1.11 that 009-32 requirements take precedence over NAVSEA-approved ASTM F-718 sheets.
2. Modified paragraph 3.3.2 to add: "For potable water tanks coated with MIL-PRF-23236 Type VII Class 9, see Note (55) for surface ships and Note (39A) for submarines."
3. Deleted paragraph 3.7.1.2 and replaced with INTENTIONALLY LEFT BLANK. It was mistakenly added back in to 009-32 when paper QA option was added into the spec. It should not have been added in; the paragraph has been removed.
4. Modified Note (46): to reflect option that if 3M product is used, it should be applied after the first coat of AC rather than after the 2nd coat of AC. Note reworded to correct this.
5. Added new Note (49A) to state in applicable Table Lines that touchup of MIL-PRF-23236, Type VII coating systems can be performed with MIL-DTL-24441, Type IV, or MIL-PRF-23236 coating systems.
6. Corrected first column of Lines 1, 3, 5, and 10 to read, "(KEEL TO **TOP OF** BOOTTOP...)"
7. Modified Table 1 Lines 3 & 4 because they are identical and changed Line 4 to "INTENTIONALLY LEFT BLANK."
8. In Table 5 Line 17, changed "PXLE-80" to "PXLE-80 HAPS Free".
9. Typo. Anchor chain: Table 5 Line 18 should be listed as "TYPE 5 or 6", not "CLASS 5 or 6".
10. Note (29A) for RH on subs only needs to be called out in Column A. For consistency, it was deleted from the other cells in those Table Lines.
11. Changed "millage" to "coating thickness" throughout the document.