

SUMMARY OF SIGNIFICANT CHANGES TO MLCA STANDARD SPECIFICATIONS FROM 2001 TO 2004 EDITION

1. This document contains summaries of significant changes made to each of the previous (2001 Edition) MLCA Standard Specifications. This summary does not list all of the changes made. To become familiar with the new standards, one must read them thoroughly.

NOTICE

Note: All subsection references correspond to the 2004 Edition of the Standard Specifications (except for the deletions).

Summary of changes to MLCA Standard Specification 0000_STD, General Requirements, 2001 Edition

The Revision to the 2001 "General Requirements" standard specification includes, in general, format changes - to include but not limited to paragraph renaming, re-phrasing, re-formatting, consolidation, shifting; and in particular, the changes documented below, and addition/deletion/updating of references in the "Applicable Documents" section.

3. REQUIREMENTS

1. Renamed paragraph 3.1 to "Applicability" and revised contents.
2. Added new requirements to address Government-furnished equipment/materials, including mandatory turn-in items (paragraph 3.5).
3. Combined all personnel safety and environmental compliance requirements (including, but limited to Gas-freeing, tag-out, firewatch, vessel access, hazardous abatement...) under new paragraph 3.7 (Occupational safety and environmental requirements).
4. Added requirements for temporary ventilation requirements (paragraph 3.7.1.1).
5. Renamed "Gas-freeing" requirements to "Safety requirements for confined or enclosed space entry and for hot work" (paragraph 3.7.1.2), and revised contents.
6. Added requirements for shipboard bonding, grounding, and shielding (paragraph 3.7.1.5).
7. Added a "Notice" to existing requirements for temporary sewage and sanitary facilities (paragraph 3.8), to provision of additional separate shower, sink, and toilet facilities for female crew members.

8. Transferred all general preservation requirements, from MLCA Std Spec 6300_STD, 2001 Edition, to paragraph 3.10 - requirements of MLCA Std Spec 6300_STD has been abolished, in favor of the contents of the Coatings and Color Manual (CONDTINST M10360.3B).

5. NOTES

9. Updated/revised contents of paragraph 5.1 (Definitions).
10. Added MTI item shipping info (paragraph 5.6).
11. Transferred coating application quality assurance inspection forms (pages QA-1 to QA-4) from MLCA Std 6300_STD; in addition, added new quality assurance preservation checklist (page QA-5).

Summary of changes to MLCA Standard Specification 0740_STD, Welding and Allied Processes, 2001 Edition

1. Updated applicable documents in section 2.
2. Changed the term nondestructive testing (NDT) to nondestructive inspection (NDI).
3. Deleted the requirement that the Contractor follows the commercial welding standards unless specified otherwise in the work item.
4. Added requirement in paragraph 3.8 to remove paint, grease, etc from the weld surface when performing a visual inspection (VT), liquid penetrant inspection (PT), and magnetic particle inspection (MT).
5. Added the requirement in paragraph 3.9 for surface preservation to be done in accordance with COMDTINST M10360.3B, Appendix A (Cutter and Boat Exterior Paint Systems) and Appendix B (Cutter and Boat Interior Paint Systems).
6. Deleted paragraph 20.1.3.2 (ABS classed cutters).
7. Changed paragraph 20.1.1.5 (Leak detection) to allow the Contractor to decide how to detect air leaks from a structural boundary when performing an air test.
8. Deleted the hydrostatic test setup and procedural requirements in paragraph 20.1.5 (Hydrostatic test).
9. Added the requirement in paragraph 20.1.5.1 for hydrostatically testing a pressure vessel.
10. Changed the reference document for the radiographic inspection (RT) of welds in paragraph 20.2.1.4 from ASTM E142 to ASTM E94.
11. Added HY-130 to the list of high-hardenable materials.

Summary of changes to MLCA Standard Specification 1001_STD, Temporary Hull Accesses, 2001 Edition

1. Updated applicable documents in section 2.
2. Changed the term nondestructive testing (NDT) to nondestructive inspection (NDI).

Summary of changes to MLCA Standard Specification 2350_STD, Clean, Inspect, Varnish-Treat, And Test, Propulsion Generators And Motors, Ship Service And Emergency Generators In-Place, 2001 Edition

The Revision to the 2001 "Clean, Inspect, Varnish-Treat, and Test Propulsion Generators and Motors, Ship Service and Emergency Generators In-Place" standard specification has no significant changes other than minor format changes.

Summary of changes to MLCA Standard Specification 2351_STD, Overhaul Main Propulsion Motors And Generators, 2001 Edition

The Revision to the 2001 "Overhaul Main Propulsion Motors and Generators" standard specification includes, in general, minor format changes - to include but not limited to updating of references in the "Applicable Documents" section.

Summary of changes to MLCA Standard Specification 3141_STD, Overhaul Electrical Rotating Machines, 2004 Edition

The Revision to the 2001 "Overhaul Electrical Rotating Machines" standard specification includes, in general, minor format changes - to include but not limited to updating of references in the "Applicable Documents" section and placing Tables 300-A-1 through 300-A-10 in separate Appendixes A-J.

Summary of changes to MLCA Standard Specification 5100_STD, Clean Shipboard Ventilation Systems, 2001 Edition

The Revision to the 2001 "Clean Shipboard Ventilation Systems" standard specification has no significant changes other than minor format changes.

Summary of changes to MLCA Standard Specification 6300_STD, Preserve Ship Structures, 2001 Edition

MLCA Standard Specification 6300_STD has been cancelled. All of its contents (with the exception of coating system tables) have moved into 2004 Edition of MLCA Std Spec 0000_STD, General Requirements. Requirements for selection and application of all Coast Guard-authorized coating systems will refer to applicable Appendices and Tables in COMDTINST M10360.3B (Coatings and Color Manual).

Summary of changes to MLCA Standard Specification 6341_STD, Renew Deck Covering Systems, 2001 Edition

The Revision to the 2001 "Renew Deck Covering Systems" standard specification includes, in general, format changes - to include but not limited to paragraph renaming, re-phrasing, re-formatting, consolidation, shifting; and in particular, the changes documented below, and addition/deletion/updating of references in the "Applicable Documents" section.

3. REQUIREMENTS

1. Deleted the following requirements - they are duplicated in MLCA Std Spec 0000_STD, General Requirements:
 - Material receipt inspection (paragraph 3.1.2).
 - Document submission (paragraph 3.1.4).
 - Personnel safety and health (paragraph 3.1.4).
 - Ventilation (paragraph 3.4.4.2).
 - Protective measures (paragraph 3.1.5).
 - Work site cleanliness (paragraph 3.18).
2. Combined surface preparation and surface priming requirements (paragraphs 3.2.1.2 and 3.2.1.4) into a single surface preservation paragraph, to be accomplished in accordance with COMDTINST M10360.3B (Coatings and Color Manual).
3. Revised paragraph 40.2 (Over-sealing), in Appendix A, into a "warning" box; moved "warning box" directly under paragraph 20.1.2 (Sealing).

Summary of changes to MLCA Standard Specification 9921_STD, Provide Temporary Logistics, 2001 Edition

The file number for the 2004 "Provide Temporary Logistics" has been changed from "9921_STD" to "8635_STD" in order to align with the latest changes of the SWBS numbering system. Besides the file number change, there are no significant changes other than minor format changes - to include but not limited to updating of references in the "Applicable Documents" section and the addition of 123 foot hulls.

Summary of Changes to MLCA Standard Specification 9971_STD, Drydocking, 2001 Edition

The file number for the 2004 "Drydocking"" has been changed from "9971_STD" to "8634_STD" in order to align with the latest changes of the SWBS numbering system. Summary of the significant changes to the 2001 Drydocking standard are:

SWBS number: Changed the old SWBS number from 9971 to the new SWBS number 8634

Section 3: REQUIREMENTS

1. Added bullet to paragraph 3.4

Section 5: NOTES

1. Added the calculation requirement for determining the "knuckle reaction".

Appendix A

No changes.

Appendix B

1. Added "travel lift" to drydock types.
2. Changed "hurricane" force winds to "high wind" force.
3. Added table for wood properties
4. Added paragraph 20.2.1
5. Added requirements to the Travel Lift and Crane Calculations paragraph 20.9
6. Added block foundation requirements paragraph 20.10

Appendix C

No Changes

Appendix D

1. Added 123 and 87 foot docking cradle drawings paragraph 20.1.1.
2. Added 87 foot lifting cradle drawings paragraph 20.1.2.
3. Added Cradle Load Distribution table for 110 and 87 foot cradle.

Appendix E

1. Added Cradles to Applicability paragraph 20.3
2. Added Inspection Checklist for Docking/Lifting cradle, page E-29

Appendix F

No Changes