

JFMM Rev D Chg 4 CHANGE SYNOPSIS

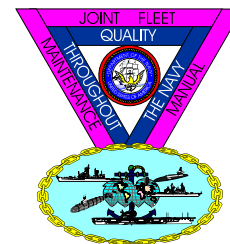


NOTE:

Numerous editorial changes were made throughout the manual to correct and update various Commands, codes, references, acronyms, and other editorial considerations. These are correct on the date of promulgation. This synopsis lists the **major** non-editorial changes to Revision D, Change 4 of the manual in order of appearance. These are listed by Volume/Chapter/Paragraph. Areas where a change bar does appear in the outside margin of the manual, but no obvious change occurs in the paragraph indicates deleted text. Use of an asterisk (*) indicates no corresponding training document is required or provided. Use of a pound sign (#) indicates a change implemented by ACN to Rev D Chg 3 and is included in JFMM Rev D Change 4.

Paragraph	Change Description
VOLUME I	
I-6.1.a	Modified the definition of Post Shakedown Availability to reflect the current process.
VOLUME II	
II-I-1A	* Updated the definition of Long Lead Time Material to be consistent throughout the manual.
II-I-2F	* Updated the timeline for the final 100-hour plan for Surface Force ships.
II-I-3.2.b(13) II-I-3.2.d	Added a new sub-paragraph concerning the requirements of Surface Incremental Availability
II-I-3.2.c	Added a new sub-paragraph concerning the requirements of Carrier Incremental Availabilities.
II-I-3.3.8.2.o II-I-3.3.8.3.c(4)	Added new sub-paragraphs identifying a requirement for the Type Commander to provide fire safety oversight for Surface Force ship availabilities.
II-I-3.4.1.a(4) II-I-3AO	* Removed Appendix AO.
II-I-3.4.3.3.g	* Adjusted the number of SURFMEPP FRP meetings from four to three to reflect current practice. Removed Corrosion Planning Conference from FRP.
II-I-3.5.1.3	* Added the position of Availability Coordinator for submarine Major Maintenance Periods and SSBN Extended Refit Periods.
II-I-3.6.3.1.e(1) II-I-3F ₁	* Identified the requirement and reporting for the Commanding Officer of a ship to include Ships Force compliance with the Industrial Ship Safety Manual for Fire Prevention and Response (8010) if required by the Type Commander.
II-I-3.6.3.2	Added Quality of Service (QOS) Council

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II-I-3.8.1 II-I-3.8.2	Established a new paragraph requiring activities performing CNO scheduled availabilities that will extend beyond the approved completion date to formally propose a new completion date by message.
II-I-3F ₂	* Updated the SITREP/Progress Report (Surface Force Ships Only) for Ship Habitability and status of key milestones.
II-I-4.3.2 II-I-4.3.2.d(1)	Modified the definition of LCS Class ships' CMAVs.
II-I-4.3.2.e II-I-4H ₄	* Added new paragraph to define CMAVs for Unmanned Undersea Vehicles, XLUUV. Added a new Appendix establishing the availability milestone schedule for XLUUVs.
II-I-4.6.1.2.m	* Added a sub-paragraph to validate a proposed work package will not require ammunition offload as part of WPER.
II-II-1.5.5.i II-II-1.5.5.j	Added a sub-paragraph defining and managing "A" branded Mandatory Technical Requirements screened to an availability.
II-II-1A	* Added Availability Category Codes "T", "X" and "8". Updated the example cases.
II-II-2.5.c(8)	* Modified the sub-paragraph to indicate IPTD and WPER requirements will be per the LMA Executive agreement Letter for Carrier Incremental Availabilities.
II-II-2.6.1	* Removed outdated terminology for continuous maintenance availabilities (CMAVs).
II-II-2D ₁ II-II-2D ₂ II-II-2D ₃	Aligned events within the milestones. Updated FFP A-120 Award SURFOR Avail Milestones
VOLUME III	
III-1	Updated the entire chapter. Review in its entirety.
III-2	Updated the entire chapter. Review in its entirety.
III-3	Updated the entire chapter. Review in its entirety. # Includes incorporation of AUKUS.
III-4	Updated the entire chapter. Review in its entirety.
III-6.4.3.b	* Added Navy Afloat Maintenance Training Strategy to the list of assessment schedules required to be established by Type Commanders.

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Paragraph	Change Description
VOLUME IV	
IV-4.3.2.d	* Modified the timeline for the operational phase of a routine diesel inspection on new construction carriers and submarines.
IV-7.5 IV-7B	* Deleted references to CWPs as only FWPs are required Electronic, Electrical and Mechanical Test Equipment. Updated Nuclear Support and Test Equipment Certification Record.
IV-7B	* Updated the certification record to reflect the changes within the chapter.
IV-10.4.2.i IV-10.4.9	Modified the work authorization procedure for items concerning fire prevention, detection, and response. Added a new paragraph identifying fire prevention, detection and response are SOSMIL items.
IV-10.4.2.j	Added a new sub-paragraph defining the process for work not assigned to Ships Force, not falling under a Naval Supervisory Authority or a contractor.
IV-10.4.3.o	Modified the sub-paragraph concerning the work, testing or equipment operations within the boundaries of systems transferred to a shipyard.
IV-10.4.8.b IV-10.4.8.c(5) IV-10.4.10.c(4)	Modified SOSMIL requirements for maintenance evolutions, waterborne evolutions and in drydock and MIL-STD-1625.
IV-11	* Updated the chapter to reflect current instructions and MBPS.
IV-13.2	* Changed “nylon” to “synthetic” referring to material handling straps.
IV-15	Chapter on Circuit Breakers completely rewritten. Review in its entirety.
IV-16	Chapter on Aircraft Launch and Recovery Systems completely rewritten. Review in its entirety.
IV-18D	* Added two new notes for new construction submarines.
IV-22.3	Modified the testing pressure for submarine antennas. Added a new note referencing deep dive testing not applying to the photonic system.
IV-23.8.1	# Updated gas turbine repair before operation requirements
IV-25A	* Added Gas Free Engineering Program Assessment Sheet.
IV-27.7.1.e IV-27.7.2	* Clarified the routine and S&I inspections will be conducted in conjunction with ECI or tube renewals.

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Paragraph	Change Description
IV-27.9	* Added a new sub-paragraph to provide inspectors three months of reboiler logs for review.
V-I-FWD-1.3	* Clarified the Order of Precedence.
V-I-1.6.6	* Added SSBN Extended Refit Periods to the list of availabilities during which an Availability Coordinator will be assigned.
V-I-1.6.15.u	* Added cleanliness inspections to Ship's QAI functions, discontinued SCI/RCI watch stations.
V-I-1.7.6.f	* Added a sub-paragraph to identify RMC or FMA Planning and Estimating Officer Planning and Estimating Officer is responsible to initiate and route for approval Departures From Specification required for certification of FMA work including any at sea testing.
V-I-1.7.14	* Added cleanliness inspections to RMC or FMA QAI functions.
V-I-2.2.1.d V-I-2.2.4.b(6)	* Deleted the requirement to have a CWP for Nuclear Test Equipment manufacture.
V-I-2.2.4.b.7 V-I-2.2.4.c	Clarified requirements for Ship's Force retests of FMA or Ship's Force nuclear work. Added a NOTE prior to the sub-paragraph indicating work on the SUBSAFE/Non-SUBSAFE boundary will be managed as SUBSAFE work using CWP/REC controls.
V-I-2.3.7.8	Modified the paragraph to clarify how CWPs will be closed out.
V-I-3A	* Updated the NAVEDTRA 43523 qualification matrix to agree with the deletion of the Steam Plant Cleanliness Inspector position.
V-I-4.2.6 V-I-4.3.5	Modified the paragraphs to agree with NAVSEA instruction for welder and brazer qualifications.
V-I-5.11	* Added Additive Manufacturing (AM) reporting requirements via OPNAV 4790/2K.
V-I-7B	* Modified Note 31.b to limit the Note to SubHDR antennas only.
V-I-8.2.5.r	Updated the sub-paragraph to change the periodicity to replace SSN 774 Class Torpedo Tube Muzzle Door K-Monel linkage to agree with the updated DDGOS.
V-I-8.2.5.s V-I-8.2.6.f	* Deleted major and minor Additive Manufacturing (AM) DFS requirements.

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V-I-8.2.6.h	Further identified the DISSUB components that effect rescue to require minor DFS.
V-I-8.3.1.g V-I-8.3.7	Expanded the sub-paragraph to require at least five working days to process a DFS. Modified the sub-paragraph to require the FMA Repair Officer or Depot to identify the latest date a DFS answer can be received before the ship's schedule will be affected.
V-I-8.3.4.g(2)	Added a new sub-paragraph concerning the processing of aircraft carriers DFS.
V-I-8.3.8.2.a	# Added clarification of CO approved DFS for brief stops for cargo and personnel.
V-I-8.5	Established a new section identifying the current Non-Nuclear LAR process.
V-I-11.2	* Modified the paragraph to provide guidance for signatures on QA forms when no other guidance exists.
V-I-11 QA Form 12	* Modified the instructions of block 7A to indicate the expected clearance date is filled in by the submitting activity.
V-I-11 QA Form 14	* Modified the instructions of block 12 to clarify the purpose of the signature.
V-I-11 QA Form 17	* Clarified the procedures in blocks 8 and 9 on how to list classified pressure values to retain the document unclassified.
V-I-11 QA Form 17D	* Added "MIC" to blocks 10 and 11 to agree with the similar NAVSEA form.
V-I-11 QA Form 17SI	* Added "or manufacturer product number" to Block 8 to agree with the similar NAVSEA form.
V-I-11 QA Form 18A	* Realigned the block numbers to agree with the similar NAVSEA form.
V-I-11 QA Form 20	* Added additional guidance to block 53 to include temperature indicating crayons when used.
V-I-11 QA Form 20 Part A	* Modified Note 1 to agree with the similar NAVSEA form.

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V-I-11 QA Form 20 Part B	* Modified Note 1 to agree with the similar NAVSEA form. Added “Badge” to the requirements of block 33.
V-I-11 QA Form 20 Part C	* Added “Badge” to the requirements of blocks 8, 11, 28 and 34. Modified the Phase Letter Key list to agree with the similar NAVSEA form. * Added “interbead” to block 24 to agree with the similar NAVSEA form.
V-I-11 QA Form 26	* Added “Test Medium” to blocks 7 and 12 to agree with the similar NAVSEA form. * Clarified the procedures in blocks 10 and 11 on how to list classified pressure values to retain the document unclassified.
V-I-11 QA Form 27	* Added “Test Medium” to blocks 7 and 14 to agree with the similar NAVSEA form.
V-I-11 QA Form 28	* Clarified the procedures in blocks 8 and 9 on how to list classified pressure values to retain the document unclassified.
V-I-11 QA Form 34	* Added SUBSAFE to the QAI’s requirement to verify final torque by direct observation in block 9.
V-III-5	* Update COMNAVSPECWARCOM office codes.
V-III-5.6.3.r	* Revised seat tightness tests of SOC hull and backup valves.
V-III-6	* Replaced Figure 6-2, “Record of DSS-SOC Receipt Inspection” Tag with the new authorized tag.
V-III-11 QA Form 26A	* Added “Test Medium” to blocks 7 and 14 to agree with the similar NAVSEA form.
V-III-11 QA Form 27A	* Added “Test Medium” to blocks 7 and 21 to agree with the similar NAVSEA form. Added TMDE calibration info to block 8.
V-III-11 QA Form 34B	* Aligned blocks 6, 7, and 12 to agree with the similar NAVSEA form. Modified signature blocks 15 and 16 for signature annotations.
VOLUME VI	
VI-2	* Clarified throughout the chapter the various cognizant area, homeport, and area RMCs. * Updated Table 2-1 for RMC’s AOR

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VI-5A	* Updated the Equipment Operational Capability ranges to give a clearer material status of the equipment.
VI-12.3.2.1.c	* Clarifies TYCOM DFS approval authority.
VI-13.4.3.f	Clarified which aircraft carrier tanks can be filled with fresh water.
VI-18.3 VI-18.7 VI-18.8.1	* Updated the types of life rafts. Updated the automated tracking system web address. Updated the life raft procurement process.
VI-19-7 VI-19-7B	* Updated the chapter to reflect the new Model Based Product Support data management systems. Updated job originator text for Code A jobs.
VI-23.2.2.4 VI-23C	* Clarified performance periodicities for comprehensive machinery survey to quarterly and shipboard hull vibration survey to semi-annually
VI-24.8.3.i	* Added “as applicable” to verification of TGIs by the ISIC.
VI-36	Chapter on Surface Force Ship and Aircraft Carrier Modernization Program completely rewritten. Review in its entirety.
VI-41.2.2	* Added the NAVIFOR Maintenance Manager, Prime Contractor Program Manager, and 3M Coordinator to the Maintenance Team.
VI-41.7.2.g	* Clarified Completion event C+21.
VOLUME VII	
VII-5.12	Added a new paragraph concerning Master Specification Catalog Template Preliminary Estimates.
VII-7.6.9	*# Inclusion of AUKUS.
VII-11.5.7	Modified the paragraph to reflect current practice for Corrective Action Requests.
VARIOUS LOCATIONS THROUGHOUT JFMM	
Various	* Updated revised chapters to remove gender specific pronouns.
Various	* Updated for inclusion of Model Based Product Support (MBPS).
Various	* Removal of NAVY 311 throughout JFMM, replaced by NESD.