

JFMM Rev C Change 2 CHANGE SYNOPSIS



NOTE:

Numerous editorial changes were made throughout the manual to correct and update various Commands, codes, references and acronyms. These are correct on the date of promulgation. This synopsis lists the major non-editorial changes to Revision C, Change 2 of the manual in order of appearance. These are listed by Volume/Chapter/Page number. Areas where a change bar appears in the outside margin of the manual, but no obvious change occurs in the paragraph indicates deleted text.

Page

Change Description

FOREWORD

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| FWD-2 | Clarified Volume II Part II applies to all Navy ships unless otherwise indicated. |
| FWD-3 | Expanded the statement on the use of digital signatures, pointed to the source document and established the use of digital signatures must be defined and authorized in local instruction. |
| FWD-7 | Modified the change process flowchart to reflect changes within the manual. |
| FWD-B | Updated the responsibility appendix to reflect changes within the manual. |

VOLUME I

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| I-1D-2 | Added “Executive Agent” to the Glossary of Terms. |
| I-2-9 | Updated the ISIC responsibility to contact TYCOM Metrology and Calibration Point of Contact to verify if Establishment of Field Calibration Activity Request has been submitted. |
| I-2-19 | Updated the functions and responsibilities of SURFMEPP. |
| I-2-20 | Updated the text previously referring to “NAVMASSO” to reflect current conditions. |
| I-2-21 | Updated the integration of Class Maintenance Plan and Baseline Availability Work Package responsibilities of SURFMEPP. |

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I-3-2	Deleted the requirement for the ISIC to submit a message report to the TYCOM upon completion of the arrival assist indicating that the ship has made satisfactory preparations. The new requirement is to inform the TYCOM in the event that progress in preparations is evaluated as unsatisfactory.
I-3-5	Modified the Field calibration Activity Initial Certification paragraph to provide current guidance.
I-3-10	Updated the Maintenance and Material Management Program paragraph previously referring to “NAVMASSO” to reflect current conditions. Modified the Test Equipment load out paragraph to advise Ships Force to coordinate with the TYCOM point of contact to assist in resolving TMDE deficiencies.
I-4A	Consolidated ship types by TYCOM to clarify dock trial requirements.
I-4B	Consolidated ship types by TYCOM to clarify fast cruise requirements.
I-4D-1	Replaced the evaporator with reverse osmosis units in the list of submarine tests to be conducted during the initial tightness dive.
I-4F-1	Called out the exception of the reverse osmosis units in the “rig for deep submergence” for the dive to test depth.

VOLUME II

II-I-2-6	Modified the responsibilities of the Ship Safety Council.
II-I-2E	Corrected the timing for the first 100 hour schedule for Surface Force Ship availabilities.
II-I-3-8	Modified the timing of MOA execution to prior to “commencing authorized work.
II-I-3-11	Updated the responsibilities of SURFMEPP.
II-I-3-13	Updated the responsibilities of the Maintenance Team for Surface Force Ship availabilities. Updated the responsibilities of the Technical Warrant Holder and the ISEA for Surface Force Ship availabilities. Updated the responsibilities of NAVSEA 05 for Surface Force Ship availabilities.
II-I-3-14	Updated the planning and attendance for the Life Cycle Planning Conference. (Surface Force Only)

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Page	Change description
II-I-3-15	Updated the integration of Class Maintenance Plan and Baseline Availability Work Package responsibilities of SURFMEPP.
II-I-3-18	Moved all Surface Force Ship availability milestones to Volume II Part II Chapter 2 Appendix D. Updated the Life Cycle Planning Conference requirements for Surface Force Ships. Expanded the paragraph on SURFMEPPs responsibilities concerning incorporating Class Maintenance Plan requirement into the Baseline Availability Work Package. Modified the Fleet Readiness Plan Mid-Cycle Review responsibilities. Identified SURFMEPPs responsibility to update the BAWP with lifecycle critical tasks.
II-I-3-19	Modified the Surface Force Ship BAWP turnover to TYCOM .
II-I-3-21	Updated the process of resolving technical issues concerning AWP changes.
II-I-3-23	Added a new paragraph addressing the deferral process for “A” branded mandatory requirements on Surface Force Ships.
II-I-3-34	Modified the definitions of Engineering Plant Production Completion date, Combat Systems Production Completion Date, Dock Trials, Fast Cruise, Sea Trials and Availability Completion for Surface Force Ships to agree with the Navy Regional Maintenance Center instructions.
II-I-3-38	Added a new sub-paragraph concerning the completion of “A” branded requirements in the current FRP maintenance cycle.
II-I-3-46	Modified the Sea Trial requirements concerning DISSUB. (SUBS Only)
II-I-3-47	Added a new Note concerning when an SRDRS is required. (SUBS Only)
II-I-3-53	Added a new sub-paragraph to the Supervisory Authorities trials responsibility section concerning FBW-SCS equipped ships. (SUBS Only)
II-I-3-64	Modified the Sea Trial requirements concerning DISSUB. (SUBS Only)
II-I-3-68	Added a new paragraph concerning the Surface Force Ship BAWP close-out letter.
II-I-3B	Modified the appendix by moving most milestones to Volume II Part II Chapter 2 Appendix D.

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II-I-3AN	Added a column for “Type Sequence Number”.
II-I-3CB	Modified the appendix to include the results of the provisional tactical weapons certification in accordance with higher level instruction.
II-I-3CD	Modified the appendix to provide Sea Trail Situation Reports daily vice at intervals of 24 hours.
II-I-3CL	Modified the appendix to provide Sea Trail Situation Reports daily vice at intervals of 24 hours.
II-I-3CR	Added a Note to correctly identify the message to be sent when no SUBSAFE or FBW-SCS testing is required.
II-I-4-7	Modified the paragraph to point to the milestone when the Work Package Execution Review will be held.
II-I-4-16	Added a new sub-paragraph requiring an LMA to identify by letter any lessons learned at the end of the first CMAV following a submarine CNO availability. Added SUBMEPP as a recipient of the Departure and Assessment Report to the ISIC.
II-I-4-18	Adjusted the Productive Support Ratio for the AS-39.
II-I-4-19	Adjusted the Productivity Index for the AS-39. Clarified the Department Repair Utilization Index percentage requirement.
II-I-4-25	Modified the Sea Trial requirements concerning DISSUB. (SUBS Only)
II-I-4H-3	Modified the window to review URO/PMR requirements.
II-II-2	Identified the location of milestones for Surface Force ships and Aircraft Carriers throughout the chapter.
II-II-2-1	Established the chapter as being applicable to Surface Force ships and Aircraft Carriers only.
II-II-2-2	Identified SURFMEPP as the maintenance office for the Master Specifications Catalog.
II-II-2D	Updated the entire appendix by consolidating most Surface Force ship milestones.
II-II-3-1	Clarified the chapter is applicable to all platforms.

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II-II-3-1	Updated the background information. Updated the cost and completion information updated to be within 60 days. Clarified the submarine reporting requirements are located in Volume VI.
II-II-3-2	Updated the man-day labor cost reporting requirements be accomplished within 60 days. Updated the Maintenance Team responsibilities.
II-II-3-3	Updated the closeout process for work conducted by private shipyards using NMD.

VOLUME III

III-2-3	Modified the Afloat FMA tasking paragraph to account for the activity in operational theaters.
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VOLUME IV

IV-4-5	Clarified the requirement for when to submit a DFS for Diesel Engine Inspection deferrals.
IV-8-1	Updated the ammunition strike down equipment dimensions.
IV-10-1	Clarified for the purposes of Work Authorization the term "Repair Activity" refers to any activity other than ships force.
IV-10A-2	Updated the instructions for block 11 of the WAF.
IV-10E-1	Added a new item to the Safety of Ship example list.
IV-10F	Expanded the instructions for filling out the SOSMIL.
IV-10G-1	Modified the inspection requirements of installed blanks during tank close-out inspections.
IV-10H-1	Updated the tank close-out check-off list for piping.
IV-10H-2	Updated the tank close-out check-off list for galvanic protection.
IV-16-2	Updated the audit requirement for the ALRE program to agree with higher level instruction.

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IV-18	Due to PMS revision occurring at a faster rate than the changes to the manual a note was added to all appendices to use the most current PMS revision. (SUBS Only)
IV-18-2	Added a requirement for the Senior Salvage Inspection Officer to brief the Commanding Officer of the ship at the completion of the inspection.
IV-21	Updated the chapter to account for Low Pressure Electrolyzers.
IV-22-1	Expanded the paragraph on hydrostatic testing to identify which submarine communication antennas are required to be tested. (SUBS Only) Added a new Note the testing will occur before installation. (SUBS Only)
IV-23-5	Modified when a Major DFS must be submitted. (Surface Force Ships Only)
IV-27-4	Adjusted the Strength and Integrity inspection interval to agree with the NAVSEA Technical Manual. (Surface Force Ships Only)

VOLUME V

V-I-1-6	Updated the list of ISIC responsibilities. (SUBS Only) Updated the list of Ships Commanding Officer responsibilities. (SUBS Only)
V-I-1-12	Updated the list of Ships Quality Assurance Officer responsibilities. (SUBS Only)
V-I-1-16	Updated the paragraph to reflect the RMC organization.
V-I-1-17	Added a sub-paragraph referencing SUBSAFE, DSS-SOC and FBW-SCS work.
V-I-1-20	Added a new paragraph to reflect the RMC organization.
V-I-1-24	Added a sub-paragraph referencing DSS-SOC and FBW-SCS work.
V-I-1A	Added a new appendix establishing the format of the submarine QA pre-underway checklist.
V-I-2-5	Clarified Salvage Air testing through the external connection requires a Controlled Work Package. (SUBS Only)
V-I-2-8	Clarified only non-technical changes may be made by 'pen and ink.
V-I-2D-1	Added Note 10 to the opening of Ships Force prepared CWP's.
V-I-3-1	Updated the training requirements for personnel screening, planning, performing, inspecting or supervising maintenance performed using a CWP.

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Page	Change description
V-I-3-2	Expanded the qualification requirement of a submarine AQAO to include an oral interview with the ISIC or SSC QAO. (SUBS Only)
V-I-3-4	Updated the qualification requirements for a submarine FBW-SCS technician. Updated the training requirements for planning, performing or supervising maintenance performed using a TWD.
V-I-3-5	Updated the list of training topics to be included in the Engineering Department Training Plan. Modified the submarine awareness training paragraph for personnel who supervise or manage maintenance on SUBSAFE, DSS-SOC and FBW-SCS to include parent requirements.
V-I-3A-1	Changed the title of planner to “Maintenance Planner” to align with the PQS title.
V-I-5-34	Modified the paragraph on Nuclear SUBSAFE REC’s.
V-I-5-37	Added FBW-SCS and DSS-SOC to the list of REC numbers provided by the ship.
V-I-5-38	Updated Table 5-14 to the current requirements of the SUBSAFE Manual. (SUBS Only)
V-I-5-39	Returned Note 1 to its original wording as it was changed in error while editing Change 1. (SUBS Only)
V-I-6-10	Modified the paragraph concerning the certification of onboard SUBSAFE, Level I and SFCC repair parts.
V-I-7-2	Modified testing requirements for shipboard testing for FMA accomplished work. Modified the text for a miscellaneous test record to allow for the use of the QA form best suited to capture the O.Q.E.
V-I-7-4	Updated the pressure identifying a reduced energy system.
V-I-7-8	Clarified DFS requirements for failure of a non-SUBSAFE joint, controlled systems or components. (SUBS Only)
V-I-7-9	Clarified that submarines are not unnecessarily limited in depth for failure of a non-SUBSAFE joint. (SUBS Only)
V-I-7-10	Modified the Note for REC exceptions relative to EMBT tanks. (SUBS Only).

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V-I-7B-1	Added special note 34 to the line concerning escape trunks and hatches.
V-I-7B-5	Modified Note 16 to point to the higher level instruction.
V-I-7B-10	Added Note 34 concerning watertight doors and hatches.
V-I-8-3	Modified the “as found” DFS requirements relative to Fly-By-Wire and Scope of Certification. (SUBS Only).
V-I-8-8	Modified the requirements for DFS serial numbers issued by Ships Force. (SUBS Only)
V-I-8A-3	Expanded the instructions concerning the “applicable specification” block.
V-I-9-2	Modified the actions of Ships Force when minor deficiencies are noted during audits.
V-I-9-5	Updated ISIC responsibilities for QA assessments.
V-I-9-7	Added a new Note concerning repeat audit findings. Expanded the paragraph concerning Ships Force report on audit findings.
V-I-9E-1	Modified the discrepancy form to include Root Cause Discussion .
V-I-10-1	Clarified hand written signatures will be legible.
V-I-10-2	Changed the time storage and disposal for non-SUBSAFE and non-Nuclear Level I records will be kept to conform to the SECNAV instruction.
V-I-10-3	Specified the requirements to retain DSS Scope of Certification records.
V-I-10-6	Added a new sub-paragraph providing guidance to the ship retaining training records. (SUBS Only) Added two new sub-paragraphs clarifying the retention requirements of certification records of the ship or hull integrity. (SUBS Only)
V-I-10-7	Clarified the retention guidance for unique records. (SUBS Only)
V-I-11-1	Added a new paragraph addressing the use of National Item Identification Numbers and National Stock Numbers on QA forms.
V-I-11-12	Modified the Purpose 1 block 6 instructions of the QA-2 to agree with receipt inspection procedures.
V-I-11-25	Modified the instruction of QA form 9, situation 1 block 16.

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V-I-11-28	Modified the instruction of QA form 9, situation 2 block 16.
V-I-11-37	Modified the QA form 12 splitting block 7A into two parts.
V-I-11-39	Provided instructions for the new QA form 12 block 7B.
V-I-11-41	Provided a new table providing guidance when addressing QA form 12 block 19.
V-I-11-47	Modified the entire QA form 14.
V-I-11-49	Provided a new set of instructions concerning the modified QA form 14.
V-I-11-53	Updated the instructions of QA form 17 to include the paragraph numbers tables of cited references and applicable pre-requisite steps.
V-I-11-54	Expanded the Notes prior to the QA form 17 block 10 instructions.
V-I-11-70	Clarified the QA form 17C Note to provide a numerical dimension vice a cited reference.
V-I-11-73	Updated the entire QA form 17D on SFCC components.
V-I-11-75	Updated the instructions for the QA form 17D to match the new form.
V-I-11-167	Updated Table 3 for software installation.
V-III-1-3	Transferred the responsibility for reviewing and evaluating User/Sustaining Activity report of corrective action taken on SCA survey deficiency cards from the TYCOM to the ISIC.
V-III-1-4	Clarified work performed at sea does not need a DSS certification letter.
V-III-5-9	Clarified work performed at sea does not need a DSS certification letter.

VOLUME VI

VI-2-5	Added a new sub-paragraph to require all requests for FTA be tracked in the approved FTA software.
VI-2-8	Modified the funding paragraph to include total cost balanced against to required speed of response.
VI-2A-1	Updated the email address of RSG Groton.

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VI-2C-2	Added a new Note concerning the use of the Naval Message TAVR if email addresses are not known.
VI-3-1	Updated the entire chapter on Submarine Modernization.
VI-8-4	Clarified the Work Center designations for Surface Force ships and Submarines.
VI-8-6	Added a new paragraph to reflect the 2M repair capability for Ohio Class submarines.
VI-9-3	Updated the submarine ISIC responsibilities to support and participate in submarine CTRA's and ensure each activity supports the calibration program. Updated the responsibilities of all submarine Commanding Officers to deliver excess, rejected or obsolete test equipment for the designated CTRA center.
VI-9-7	Reestablished the paragraph concerning the application of calibration stickers for flat panel or similar display units.
VI-9-8	Added a new sub-paragraph for the delivery of excess test equipment to the designated CTRA facility.
VI-9-9	Established a new paragraph requiring SUBMEPP to issue a report outlining corrective actions taken by the assessed command as the result of a CTRA. Updated the entire section on SISCAL to include all Fleet units (submarines and Aircraft Carriers) in accordance with NAVSEA instructions.
VI-14-2	Updated the paragraph on Submarine Force cannibalizations.
VI-14A-1	Identified Appendix A is for use by Aircraft Carriers and Surface Force ships only. Updated the appendix to include all currently required elements.
VI-19-2	Updated the Type Commanders area of responsibility.
VI-19-3	Added the validation of newly developed or changed procedures to the ISEA responsibilities.
VI-19-4	Added a new paragraph for LCS Class ships.
VI-19-6	Added a new paragraph concerning the accomplishment of MRC's.
VI-19-7	Added new paragraphs concerning Feedback Report screening. Added new paragraphs concerning Routine Technical Feedback Reports.

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Page	Change description
VI-19-8	Updated the screening of TFBR's to reflect current process.
VI-19-10	Added a requirement for the Type Commanders to report the findings of the previous years' assessments to their respective Fleet N43s.
VI-19C ₁ A	Modified the appendix to be used by CVN-68 Class only. Updated the Work Centers throughout the appendix.
VI-19C ₁ B	Established a new appendix for the CVN-78 Class.
VI-19C ₄	Updated the appendix and made it applicable to shore commands.
VI-19C ₄ J	Established a new appendix for the DDG-1000 Class.
VI-19C ₄ K	Established a new appendix for NBU-7 Commands.
VI-23C-13	Established the Topside Survey is the responsibility of the Noise Reduction Officer. Amplified the instructions concerning the Topside Survey review.
VI-24-1	Expanded the expectations of Ship's Force concerning the accomplishment of PMR's.
VI-24-8	Updated the FMA reporting requirements for PMR accomplishment.
VI-25-8	Clarified the retention expectations of records related to URO.
VI-31-5	Modified the Business Rules to include the MS-MO will be at the Class C level and how growth items are controlled.
VI-31-6	Modified the business rules to eliminate incremental TAR.
VI-36-2	Updated the process key elements to agree with the NMP-MOM.
VI-41-13	Clarified the Project Manager is accountable for funds administration for all depot level funding on assigned ships.
VI-42-6	Moved the executing activity documentation of assessment deficiencies from Volume II.

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Page Change description

VOLUME VII

- VII-11-3 Updated the retention and disposal of inspection records to conform to higher level instruction.
- VII-11-4 Modified “National Association of Corrosion Engineers Session” to “International Coating Program Level 1”.