

## JFMM Rev C Change - 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 - of the manual in order of appearance. These are listed by Volume/Chapter/Page number. Areas where a change bar exists in the outside margin of the manual, but no obvious change occurs in the paragraph indicates deleted text.

Throughout the manual the NOTE accompanying all sample messages now refers to using “Current” message format vice “NTP-3” format.

Throughout the manual all office codes have been removed from sample messages to conform to ALCOM 039.

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### FOREWORD

- |       |                                                                                                                                                                                                         |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FWD-2 | Modified the Platform Considerations to identify the meaning of the term “ship” throughout the manual.<br><br>Modified the Maintenance Considerations to identify FMA fall under the control of NAVSEA. |
| FWD-3 | New paragraph established addressing SKED 3.2 Electronic Signatures.                                                                                                                                    |

### VOLUME I

- |                    |                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I-1-A <sub>3</sub> | Modified the appendix to consolidate new construction milestones. This also removed previously existing appendices I-1B-1, I-1B-3, I-1B-4, I-1B-5, I-1B-6 and I-6B. |
| I-2-3              | Added text identifying the pre-commissioning flowcharts for aircraft carriers, surface force ships and submarines.                                                  |
| I-4D               | Adjusted references to the appendix notes due to the deletion of previous Note 2.                                                                                   |
| I-4F-2             | Deleted “Sealol” as it is a brand name and replaced it with “shaft seal”.                                                                                           |

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**VOLUME II**

- II-I-2-3      Modified the responsibilities of the NSA to participate in all work definition, planning and completion conferences.
- II-I-2-9      Modified the Combats System paragraph to reflect the switch to C5RA/TSRA.
- II-I-2-13     Made the paragraph referring the Fleet Maintenance Support Branch applicable to nuclear powered vessels only.
- II-I-2-20     Added a new section detailing the 100 hour transition periods for Surface Force ships.
- II-I-2E      Added a new appendix detailing the first 100 hour period for Surface Force Ships.
- II-I-2F      Added a new appendix detailing the final 100 hour period for Surface Force Ships.
- II-I-3-4      Modified the purpose of the chapter to make clear the topic is CNO scheduled availabilities.
- II-I-3-5      Added "PIRA" to the list of CNO scheduled availabilities less than six months in duration.  
Updated the early start concurrence dates for aircraft carriers and submarines.
- II-I-3-7      Refined the definition of Production Completion Date to mean the engineering plant in all main and auxiliary spaces.
- II-I-3-8      Added a new key event around the Combat Systems Production Completion Date (AEGIS) for surface force ships.
- II-I-3-17     Expanded the pre-availability training for Ship's Force to specifically include the WAF/Tagout process.
- II-I-3-21     Modified the surface ship Technical Deferral and Adjudication Process for post AWP definitization.
- II-I-3-29     Added Cost Performance Index/Scheduled Performance Index to the list of weekly management meetings for surface force ships availabilities.

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II-I-3-29	Expanded the definition of “Incidental Material” cost.
II-I-3-32	Modified the definition of “new work”. Identified who must review and agree to new work candidates.
II-I-3-67	Identified the official end of an availability for surface force ships and aircraft carriers.
II-I-3-68	Identified where within the manual the policy on availability completion messages can be found.
II-I-3-69	Identified the agenda requirements for the surface force ship BAWP close-out meeting. Clarified the requirements of the BAWP closeout report.
II-I-3N-2	Clarified the astern full power run must be within the limits of the SEPM.
II-I-3AD-1	Added Commander, Navy Regional Maintenance Center as a “copy to” addressee.
II-I-3AE-1	
II-I-3AF-1	
II-I-3AG-1	
II-I-3AH-1	
II-I-3AI-1	
II-I-3AJ-1	
II-I-3N-2	Modified the submarine requirement to run astern due to a change in the DDGOS.
II-I-4-3	Identified the Type Commander may act in place of the ISIC for maintenance. Modified the periodicity of submarine Scheduled Continuous Maintenance Availabilities. Added the CMAV periodicity for Deep Submergence Units.
II-I-4-4	Refined the guidance for the RMC/LMA to develop strategies in support of Ship’s Force work and the availability milestones.

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II-I-4-7	Modified the LMA/Executing Authority responsibility to conduct a shipcheck to support process milestones.
II-I-4-10 II-I-4-11	Modified the Scheduled Continuous Maintenance Availability planning sources to reflect the Navy Modernization Process.
II-I-4-12	Clarified one of the attendees at the Work Package Execution Review is the Ashore Ships Maintenance Manager.
II-I-4-14	Modified arrival conference RMC/ISIC action to review any work not presented at the Work Package Execution Review.
II-I-4-16	Expanded the list of required attendees at the Departure and Assessment Conference.
II-I-4-19	Added text identifying the locations of the planning milestones.
II-I-4-20	Clarified the paragraph supporting the execution of Emergent Work.
II-I-4H	Changed Appendix H to “Submarines Only”.
II-I-4Q-2	Clarified the astern full power run must be within the limits of the SEPM due to a change in the DDGOS.
II-II-1A-1	Added text exempting SSBN/SSGN platforms for the availability creation and numbering system.
II-II-2-1	Clarified the purpose of the chapter includes the aircraft carrier Type Commanders.
II-II-2-3	Modified the instructions of the Master Job Catalog to reflect the 4E specification being located in Volume VII of the JFMM. Modified the instructions for Central Planning Activities to reflect the sun-setting of NEMAIS.
II-II-2-4	Modified the Common Business Rules to align with Volume VII, Chapter 4, Appendix E.

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II-II-2-6	Adjusted the contract award time for AIT installations not performed by the prime contractor from A-150 to A-90.
II-II-2-7	Adjusted the applicability of the CMAV Business Rule process to reflect the cancellation of the COMNAVSURFOR 4700 Notices.
II-II-2-8	Established a new paragraph to define key terms for Planners and Estimators.
II-II-2-9	Clarified who publishes the MS/MO packages in NMD
II-II-2-10	Identified the location of guidance and discussion topics for CMAV metrics.
II-II-2-11	Adjusted the milestone timing for Work Package Execution Review and work definitization.
II-II-2B	Modified the instructions of the Master Job Catalog to reflect the 4E specification being located in Volume VII of the JFMM.
II-II-2D	Modified Appendix D to be applicable to Surface Force ships only and to support milestone consolidation.
II-II-2E	Updated the previous Appendix D2 and identified it as Appendix E.
II-II-3-1	Modified the entire chapter to be applicable to submarines also.
II-III-3-2	Updated “FMPMIS” to Navy Data Environment”.
II-III-5B	Updated the web page URL of the Fleet Desk Guide.
<b>VOLUME III</b>	
There are no non-editorial changes within Volume III.	
<b>VOLUME IV</b>	
IV-3-4	Established a new paragraph identifying the responsibilities of Steam Generating Plant Inspectors.

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- IV-10A-2 Entered a new Note allowing the modification of WAF block 10 for shipyards implementing Safety of Ship requirements on surface force ships by MOA.
- IV-18 Modified the entire chapter to include the provisions needed for survivability of DISSUB and to update PMS and COSAL references.
- IV-22-1 Modified the chapter to include photonics and SubHDR.

**VOLUME V**

- V-I-1-4 Modified the functions of submarine ISIC's.
- V-I-2-2 Added steering gear to the list of critical systems requiring the use of a Technical Work Document.
- V-I-2-5 Modified the CWP requirements for Ship's Force retest of FMA work.
- V-I-2-6 Clarified the use of sequencing documents.
- V-I-2-13 Modified the paragraph for the rework addendum to add the word "Rework" to the associated paperwork.
- V-I-2-16 Modified the instructions concerning CWP's for reactor plant or propulsion plant start up.
- V-I-5-37 Clarified the requirement to cancel a DFS written for at-sea testing once the testing has failed.
- V-I-5-49 Expanded the detail of the Preventative Maintenance Feedback Report process.
- V-I-5-51 Updated Figure 5-17 – Overall NLI/SPLI Process Map.
- V-I-6-21 Correctly identified SOC material as "MCD".
- V-I-7B-9 Modified Note 31 on outboard cable connections subject to submergence pressure.
- V-I-8-7 Reinstated the submarine only paragraph concerning material deficiencies within the SUBSAFE boundary discovered outside a regularly scheduled FMA upkeep.
- V-I-8-8 Modified the manner in which DFS numbers are issued.
- V-I-8-11 Identified the process location for assigning DFS numbers.
- V-I-9-7 Modified the manner in which DDS/SOC surveys are formally forwarded.
- V-I-9-8

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<b>Page</b>	<b>Change description</b>
V-I-11-25	Modified QA Form 9, Situation 1, blocks 17 and 18 to identify rework.
V-I-11-28	Modified QA Form 9, Situation 2, blocks 17 and 18 to identify rework.
V-I-11-31	Modified QA Form 10 Purpose to identify rework.
V-I-11-53	Modified the Purpose of the QA Form 17 to specifically address not using the form for DSS/SOC applications.
V-I-11-127	Corrected the QA Form 20B Part C flowchart.
V-I-11-149	Modified the Purpose of the QA Form 26 to specifically address not using the form for DSS/SOC applications.
V-I-11-177	Modified the Purpose of the QA Form 34A to specifically address not using the form for SOC applications.
V-III-1-2	Modified the functions of submarine ISIC's.
V-III-5-5	Added a new sub-paragraph addressing NAVSEA DSS Grams.
V-III-6-1	Modified the discussion concerning DSS/SOC material.  Addressed "Y" suffixed APL's for DSS/SOC systems.
V-III-6-3	Modified the use of Level I material used in DSS/SOC applications.
V-III-6-4	Added a receipt inspection process for new DSS/SOC material and OQE guidance for previously procured DSS/SOC material.
V-III-6-7	Clarified the disassembly of items to transfer MIC markings is not allowed or required.
V-III-6-8	Added a new Note to concerning items identified as Level I.
V-III-6-9	Updated the process the receipt inspect material received without a tag, received with an EB blue tag or from a contractor.
V-III-6-10	Clarified there is not storage requirements for MCD-C material.  Added new paragraph to address activities certified to receipt inspect material, the markings of DSS/SOC stock program material, and acceptance identification.
V-III-8-1	Modified the DFS requirement on Master Logs to allow computer program equivalents.

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V-III-9-2        Modified the manner in which DDS/SOC surveys are formally forwarded.  
V-III-9-3  
V-III-9-4

**VOLUME VI**

VI-4-1        Modified the purpose of the chapter to include Shipboard Electromagnetic  
Compatibility Improvement Program.

VI-4-3        Updated the certification process to include systems installed by the Navy  
Modernization Process, Management and Operations Manual.

VI-4-4        Updated the URL of the STAN web page.

VI-8            Changed CSRR to C5RA/TSRA throughout the chapter.

VI-9-8  
VI-9-9        Added text to include Landing Craft Air Cushion ship calibration.

VI-12         Modified the entire chapter to reflect current guidance.

VI-14         Modified the entire chapter to agree with OPNAV Instruction 4440.19.

VI-16-5       Pointed to the consolidated milestones for aircraft carriers and submarines.

VI-17-1       Clarified the chapter is applicable to all classes of ships outfitted with Impressed  
Current Cathodic Protection.

VI-18-3       Change “Regional Maintenance Activity” to “Contingency Pool” to agree with VI-18.4.

VI-19-4       Added “Ships Material Maintenance Officer” to align with VI-41.

VI-19-6       Modified the paragraph on Preventative Maintenance Feedback Reports.  
Added a new paragraph on submarine Technical Feedback Reports.

VI-19-7       Added new Table 19-1 on submarine survival and escape.

VI-19C-43     Added Work Center NE02 for 2M.

VI-19C-44     Added Work Center MV02 for Mission Auxiliary Support.

VI-19C-71     Added Work Centers for LCS Mission Modules.

VI-21E-5      Corrected the APL number.

VI-23C-13     Updated reference (a).

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VI-23C-15	Updated reference (a).
VI-23C-17	Updated reference (b).
VI-23C-19	Updated reference (d).
VI-23E	Updated the appendix.
VI-29-1	Changed “heat gun” to “hand held pyrometers”.
VI-29-2	Added a new paragraph for asbestos control and safety.
VI-29A-1	Changed “flexitalic” to “spiral wound metal”.
VI-31-1	Changed “alteration” to “modernization”.
VI-31-4	Change “spotlights” to “metrics”.
VI-31-5	Clarified AIT work should be brokered to the FMA when capability and capacity allow.
VI-31-6	Added text for the contract to continuously submit Class C estimates for each work item.
VI-31-6	Identified the Independent Government Estimate should also be at the Class C level.
VI-33-2	Modified the Type Commander responsibilities for Surface Force ships.
VI-33-3	Modified the instructions for Section II of the Executive Summary Sheet.
VI-33A	Modified the executive Summary Sheet to reflect current practice.
VI-36-1	Updated the purpose to include Navy Cyber Forces.  Updated the background to reflect moving from SHIPMAIN to the Navy Modernization Process.
VI-36-5	Clarified the Phase II Cost Benefit Analysis update requires sponsor notification if there is a cost shortfall.
VI-36-10	Modified the reporting requirements of metric measurements.
VI-37	Modified the entire chapter to reflect current process.
VI-39-3	Updated the Lessons Learned focus areas.

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- VI-40-3 Added a “Required Response Date” to the minimum information for submarine messages requiring technical assistance.
- VI-42 Modified the entire chapter to reflect TSRA.
- VI-43-2 Added text to the Availability Planning Business Rules to include Combat Systems Upgrade Packages for Aegis systems.

**VOLUME VII**

- VII-2-2 Updated the URL of the FAR web page.
- VII-2-3 Updated the URL of the NMCARS web page.
- VII-3-9 Changed “SHIPMAIN Entitled Process” to “End to End Maintenance and Modernization Process”.  
  
Changed “finalization” to “definitization”.
- VII-4-5 Expanded the effort expected of the specification writer.
- VII-5-2 Provided direction for Class C Budget Quality Estimates.
- VII-5-16 Changed “Ship Alterations” to “Ship Change”.
- VII-6-4 Changed “Ship Alterations” to “Ship Change”.  
  
Changed “Electronic Field Changes” to “Sustainment Type One, Sustainment Type Two Fleet or Program Ship Changes”.  
  
Changed “Fleet Modernization Program” to “Navy Modernization Process”.
- VII-6-6 Added Type Commanders concurrence to the Maintenance Teams ability to shift controls.
- VII-6-7 Added Type Commanders concurrence to the Maintenance Teams ability to shift controls.
- VII-7 Changed “Availability Management Team” to “Project Management Team ” throughout the chapter.
- VII-7-5 Added the input of the AEGIS Combat Systems Project Engineer to the Ashore Ships Maintenance Manager as a requirement for all Combat System integration, modernization, Combat Systems light-off and testing schedules.

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VII-7-10	Modified the responsibilities of the Combat Systems Manager.
VII-7-26	Added a new sub-paragraph concerning Cost Performance Index/Schedule Performance Index.
VII-7-27	Added new Figure 7-1 (CPI/SPI Metrics Chart).
VII-8-2	Modified responsibilities for Combat Systems testing.
VII-11-7	Clarified the external audit will be conducted on performance, not periodicity.  Modified the Audit Periodicity to agree with paragraph 11.5.5.1.
VII-11-8	Expanded the paragraph on Internal audits to reflect the current process.
VII-13-3	Revised the section concerning the Contracts Governance Council.