

JFMM Rev B Change 4 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 B, Change 4 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.

Page	Change Description
-------------	---------------------------

Entire Manual

The headers at the top of each page have been changed from COMFLTFORCOMINST 4790.3 to COMUSFLTFORCOMINST 4790.3 to agree with the current identification of Fleet Forces Command.

FOREWORD

FWD-vii	Modified the Change Request Form to require a request with an urgent priority to be sent via urgent e-mail. Added a requirement to include proposed text to the recommendation. Moved the NMCI e-mail address to submit change requests to a more obvious location.
FWD-1	Deleted COMSUBLANTINST 4355.4 (Weapons Systems Quality Assurance Manual) from paragraph 4.
FWD-B-4	Added "Milestones to the list of Type Commander responsibilities.
FWD-B-14	Added submarine "Common Elements" to the list of ISIC responsibilities.
FWD-B-19	Added "Unplanned TRIPER Change-out" to the list of ISIC responsibilities.
FWD-B-25	Added a requirement for the RMC Commander to maintain qualified 2M/MTR coordinators.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page **Change description**

FWD-B-28 Added a requirement for the Ships Commanding Officer to submit reports and schedule Steam Catapult inspections in accordance with PMS or the Class Maintenance Plan.

VOLUME I

I-2B-6 Modified the message scenario and format to align with ACN 5-1 of the SUBSAFE Requirements Manual.

I-2B-9
I-2B-10
I-2B-11
I-2C-1
I-2C-2
I-2C-5

I-2C-7 Added a new appendix for installation of shore power covers for Bravo and subsequent Sea Trials.

I-2D-1 Modified the message scenario and format to align with ACN 5-1 of the SUBSAFE Requirements Manual.

I-4-7 Added a sub-paragraph to I-4.4.3.c(4) concerning the modified alert requirements of the SRDRS.

VOLUME II

II-I-2-2 Modified II-I-2.1.1.b(3) to point to the Table 2-1 in Volume VI.

II-I-2-17 Adjusted the size of the Material Control Assessment Process Team.

II-I-2A-6 Adjusted Appendix A slide 5 to conform to existing practice.

II-I-2A-8 Modified the Material Control Assessment Process Flowchart.

II-I-2A-9 Modified the Material Control Assessment Process Adjudication Process Map.

II-I-3-7 Modified the minimum requirements of a Memorandum of Agreement.

II-I-3-9 Added SURFMEPP to paragraph II-I-3.3.6.3.a(1).

II-I-3-12 Added SURFMEPP to paragraph II-I-3.4.3.3.a.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page	Change description
II-I-3-31	Added sub-paragraphs c, d and e to II-I-3.6.8.3 to more clearly define operational limits during at-sea testing.
II-I-3-33	Clarified when Situation Reports are to be submitted during Sea Trials.
II-I-3-35	Added a sub-paragraph to II-I-3.6.8.3.9.c(4) concerning the modified alert requirements of the SRDRS.
II-I-3-36	Identified the required Periodic Monitoring Inspections of II-I-3.6.8.4.b(2)(a).
II-I-3-39	Added sub-paragraphs c, d and e to II-I-3.6.8.4 to more clearly define operational limits during at-sea testing.
II-I-3-52	Clarified when Situation Reports are to be submitted during Sea Trials.
II-I-3-54	Added a sub-paragraph to II-I-3.6.8.4.7.b(6)(c) concerning the modified alert requirements of the SRDRS.
II-I-3C	Updated the entire appendix concerning CNO Availability Milestones for Aircraft Carriers.
II-I-3BM	Modified the sample message to reflect when Situation Reports are to be submitted during Sea Trials for availabilities of less than six months.
II-I-3CF II-I-3CG II-I-3CO	Modified the appendices to align with ACN 5-1 of the SUBSAFE Requirements Manual.
II-I-3CP	Adjusted the sample Situation Report to compensate for the change to the operational limits during at-sea testing.
II-I-3CR	Modified the appendices to align with ACN 5-1 of the SUBSAFE Requirements Manual.
II-I-4-8	Modified the criteria for the ISIC accepting “late work”.
II-I-4-3	Modified the normal CMAV scheduled duration for submarines to allow the implementation of Trimester scheduling.
II-I-4-5	Added a sub-paragraph to II-I-4.4.1.1 to give responsibility to the ISIC to monitor and report the transition to a CMAV period for submarines.
II-I-4-8	Modified the requirements of a Memorandum of Agreement.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page	Change description
II-I-4-10	Modified paragraph II-I-4.4.12.d to indicate the existence of submarine specific Key Event codes. Added a new paragraph to implement a 100 hour transition period during CMAVs.
II-I-4-12	Added a submarine specific availability planning resource.
II-I-4-15	Modified II-I-4.6.1.3 concerning the issuance of the submarine availability planning message. Added II-I-4.6.1.2.p addressing the submarine availability planning response message.
II-I-4E	Relabeled the appendix "E1" to adjust for the new appendix "E2". Added new Appendix E2 identifying submarine specific CMAV Key Event codes.
II-I-4F	Modified the appendix to account for the 100 hour transition period.
II-I-4G	Added a new appendix identifying the events to be completed and the time frames during the 100 hour transition period.
II-I-4H-5	Added a new milestone for availability planning.
II-I-4H-6	Added a new milestone for issuing the availability planning response message. Added a new milestone for the 100 hour transition period.
II-I-4H-7	Added a new milestone for reporting the ship's transition to a CMAV period. Added a new milestone for commencing the final 100 hours.
II-I-4I	Added a new sample message for the submarine availability planning response.
II-II-1-6	Added a new sub-paragraph to align with the Fleet Readiness Plan Maintenance Cycle Business Rules.
II-II-2-6	Modified II-II-2.5 to align with the Fleet Readiness Plan Maintenance Cycle Business Rules.

VOLUME III

No changes have occurred in the Volume.

VOLUME IV

JFMM Rev B Change 4
CHANGE SYNOPSIS



Page	Change description
IV-4-3	Added a new subparagraph to IV-4.3.2.a to require any work generated by a diesel inspection to be integrated into the availability work package.
IV-4-4	Added a new subparagraph to IV-4.3.2.d concerning the diesel engine routine inspection.
IV-4-9	Modified the reporting requirements of the Diesel Engine Inspector to include informational copies to the cognizant shipyard, SUPSHIP/NAVSEA representative.
IV-10-2	Modified the paragraph on the Work Authorization Log to allow the distribution of copies per local Memorandums of Agreement.
IV-10-3	Modified the numbering of Work Authorization Form Revision and Continuation sheets to be determined by the software generating the sheet.
IV-10-8	Added three new sub-paragraphs to the list of items/conditions to be scheduled on the SOSMIL.
IV-10-9	Clarified how much of an expected draft change requires a SOSMIL entry.
IV-10E-1 IV-10F-1	Expanded the list of items that are Safety of Ship to coincide with paragraph IV-10.4.8.b.
IV-13-3	Clarified the requirements of a Periodic Afloat Weight Test.
IV-13-7	Added three new paragraphs concerning the identification of equipment, witnessing qualifications and record keeping for submarine weight handling.
IV-17	Modified the entire chapter to conform to current instructions and policy.
IV-18	Made various changes to the appendices in response to changes in higher level documents.
IV-19-2	Added the submarine Reduction Gear to the list of records to be retained onboard.
IV-20-8	Changed the activity responsible to retain DDS work documents. Changed the activity responsible for DDS certification.
IV-26-2	Clarified INSURV is charged with conducting Material Inspection only on US Navy ships and submarines.
IV-26-6	Clarified the INSURV deficiency documentation and resolution policy.
IV-27	Added a new chapter to provide the procedures and inspection requirements for Steam Reboilers and support systems.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page **Change description**

VOLUME V

- V-I-FWD-4 Modified the date Advisories would no longer be used to change requirements.
- V-I-FWD-B-7 Clarified the ISIC for Surface Force ships is the Command holding administrative control.
- V-I-2-5 Clarified Ships Force must use a Controlled Work Package anytime an external pressure source is used to test or retest FMA or Ships Force performed nuclear work.
- V-I-2-13 Clarified the submarine ISIC need only review non-shipyard FWP's associated with nuclear work.
- V-I-2D-1 Deleted the "LWC QAI" column.
- Added a new Note 10 to the ISIC review column for RMC/FMA prepared nuclear CWP's.
- V-I-2D-2 Defined the new Note 10.
- V-I-3-1 Identified the location of the Non-SUBSAFE MRC/REC exceptions.
- V-I-3A-5 Added "use and safety" to the list of training topics for weight handling equipment.
- V-I-3A-6 Added "sail safety" to the list of training topics for working aloft.
- V-I-5-23 Modified Table 5-6 to reflect the values identified in the Submarine Fastening Criteria Manual.
- V-I-5-43 Added direction to the paragraph on Voyage or At-Sea Repair to reflect operational limits of at-sea testing.
- Added text addressing exceptions to Re-Entry Control for material removed for testing.
- V-I-7-12 Added a requirement to use a QA Form 12 when conducting post deep dive passive/pre-energized testing on outboard electrical connections subject to full submergence pressure.
- V-I-7B-2 Added Note 31 to the antenna requirement.
- Modified the system for cables to include antennas, masts, radars and other components.
- V-I-7B-10 Modified Note 30 and added a caution.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page	Change description
V-I-8-3	Clarified a Departure from Specification requires a technical vice engineering evaluation and final adjudication from the Type Commander.
V-I-8-4	Added a new Note addressing the categorization of a DFS by the Local Technical Authority.
V-I-8-7	Added a new paragraph addressing a temporary DFS for Special Hull Treatment.
V-I-8-9	Modified the paragraph concerning Departures written to transfer accountability for testing.
V-I-8-13	Added two paragraphs addressing the extension of a DFS.
V-I-9-3	Modified the instructions for post close-out audits by Ships Force. Added a requirement to maintain an auditable record of the most current JCN to DFS verification.
V-I-9-4	Modified the instructions for post close-out audits by a FMA.
V-I-9-6	Modified the paragraph for copies of the submarine assessment report to include electronic copies forwarded to the Type Commander. Added availabilities to the list requiring audits by the ISIC.
V-I-9-8	Modified the paragraph on reporting to allow items where no official response is required.
V-I-10-6	Clarified the proper record for QA qualification retention is the final qualification page of the PQS. Added a requirement for the QAO to maintain an auditable record of the most current Job Control Number to Departure from Specification verification.
V-I-11-6	Modified QA Form 1 block 3 instructions for MCD B material.
V-I-11-28	Modified the instructions for the QA Form 9, situation 1, block 20 to comply with V-I-2 Appendix D.
V-I-11-35	Corrected the block numbers in sub-paragraph "a" of the Purpose to agree with the instructions of the QA Form 9.
V-I-11-41	Modified QA Form 12 block 4 to include the recording of REC numbers.
V-I-11-43	Modified QA Form 12 block 4 instructions to include the recording of REC numbers.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page	Change description
V-I-11-57	Modified QA Form 17 block 4 instructions to include the recording of REC numbers.
V-I-11-85	Modified QA Form 17SI block 4 instructions to include the recording of REC numbers.
V-I-11-89	Established a new QA Form 17 W to record handling equipment testing.
V-I-11-91	Provided the associated instructions for the new QA Form 17W.
V-I-11-95	Modified QA Form 18 block 4 instructions to include the recording of REC numbers.
V-I-11-99	Modified QA Form 18A block 5 to include the recording of REC numbers.
V-I-11-101	Modified QA Form 18A block 5 instructions to include the recording of REC numbers.
V-I-11-103	Modified QA Form 20 block 4 to include the recording of REC numbers.
V-I-11-105	Modified QA Form 20 block 4 instructions to include the recording of REC numbers.
V-I-11-113	Modified QA Form 20A block 4 to include the recording of REC numbers.
V-I-11-115	Modified QA Form 20A block 4 instructions to include the recording of REC numbers.
V-I-11-119	Modified QA Form 20B (Part A) block 6 to include REC numbers.
V-I-11-120	Modified QA Form 20B (Part A) continuation sheet block 6 to include REC numbers.
V-I-11-122	Modified QA Form 20B (Part A) block 6 instructions to include the recording of REC numbers.
V-I-11-163	Modified QA Form 26 block 4 instructions to include the recording of REC numbers.
V-I-11-167	Modified QA Form 27 block 4 instructions to include the recording of REC numbers.
V-I-11-177	Modified the title block of QA Form 34 block 12 to "LWC Supervisor" to match the language in the instructions for the block.
V-I-11-188	Modified the title block of the instructions for QA Form 34 block 12 to "LWC Supervisor" to match the language in the instructions for the block.
V-I-11-191	Modified the title block of QA Form 34A block 11 to "LWC Supervisor" to match the language in the instructions for the block.
V-I-11-194	Modified QA Form 34A block 4 instructions to include the recording of REC numbers.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page Change description

- V-I-11-197 Modified the title block of the instructions for QA Form 34A block 11 to "LWC Supervisor" to match the language in the instructions for the block.
- V-I-11-201 Modified QA Form 35 block 4 instructions to include the recording of REC numbers.
- V-III-5-10 Modified the exception to Re-Entry Control to address MCD material.
- V-III-5C Deleted the existing letter and established a sample message for DDS transfer of custody certificate of continuity for off-loads.
- V-III-5D Deleted the existing letter and established a sample message for DDS transfer of custody certificate of continuity for on-loads.
- V-III-11-3 Modified QA Form 2 block 2 instructions for MCD B material.

VOLUME VI

- VI-5 Added a new chapter for "Deficiency Documentation and Reporting".
- VI-8-3 Modified the paragraphs concerning 2M/MTR to reflect current practice.
- VI-9-4 Updated the responsibilities of the Commanding Officer to include the calibration readiness of installed instruments.
- VI-9-12 Added a sub-paragraph addressing broken or inoperative instruments replaced during deployment.
- VI-9-13 Added a sub-paragraph stating "Out Of Calibration" is an operational label, not a METCAL label.
- VI-13-3 Added a sub-paragraph addressing Aircraft Carrier tanks and voids.
- VI-19C₁ Updated the list of work centers for Naval Air Force ships.
- VI-22-1 Added Major Maintenance Periods to the list of availabilities supported by the TRIPER program.
- VI-22-2 Added a new section addressing TRIPER change out, asset segregation, the information notebook and responsibilities.
- VI-22A Added a new "TRIPER Information Sheet" appendix.
- VI-24-1 Identified the location of Hull Integrity Procedure PMR guidance.

**JFMM Rev B Change 4
CHANGE SYNOPSIS**



Page	Change description
VI-24-2	Added Major Maintenance Periods to the list of availabilities used to adjust LMA dates.
VI-31-1	Added "Baseline Availability Work Package" and "Technical Foundation Papers" as examples of documented maintenance requirements.
VI-33-6	Added "Baseline Availability Work Package" as a Business Plan resource.
VI-38	Modified the entire chapter to reflect language specific to Deep Submergence Systems and Hull Integrity Procedures.
VI-40-2	Added "NAVSEA 08" to the list of informational addressees.
VI-40A-1 VI-40B-1 VI-40C-1	Added "NAVSEA 08" to the list of informational addressees on the sample message.
VI-41A-2	Added the "Baseline Availability Work Package" to the list of Agenda Items.

VOLUME VII

VII-2-17 VII-2-18 VII-5-7	Updated the monetary value for the cost and pricing data threshold to reflect the change in FAR 15.403-4.
VII-5	Changed the authority for the entire chapter to Fleet Forces Command.