



## DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
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WASHINGTON NAVY YARD DC 20376-0001

IN REPLY TO

NAVSEAINST 9070.1D  
Ser 04R/049  
14 Dec 06

### NAVSEA INSTRUCTION 9070.1D

From: Commander, Naval Sea Systems Command

Subj: STANDARD SPECIFICATION FOR SHIP REPAIR AND ALTERATION PROGRAM

Ref: (a) NAVSEAINST 4350.2 (Series), CONTRACT WORK ONBOARD NUCLEAR-POWERED SHIPS  
(b) Joint Fleet Maintenance Manual (JFMM) Volume VII, Chapter 4 (COMFLTFORCOMINST 4790.3)  
(c) NAVSEA 0924-062-0010 (Series), Submarine Safety (SUBSAFE) Requirements Manual  
(d) NAVSEA SS800-AG-MAN-010/P-9290, System Certification Procedures and Criteria Manual for Deep Submergence Systems  
(e) NAVSEAINST 0948-LP-045-7010 (Series), Material Control Standard (Non-Nuclear)  
(f) COMFLTFORCOM MOU CFFC 4000 Ser N43/031 of 27 Aug 04, Memorandum of Understanding among CFFC, COMPACFLT, COMFISC, COMNAVSEA, and COMNAVSUP

Encl: (1) Milestones for Annual Standard Specification for Ship Repair and Alteration Committee (SSRAC) Meetings  
(2) Format for Submitting Proposed Changes

1. Purpose. To establish the use of standard specifications in preparation of work items and specifications for naval ships and craft including nuclear-powered ships and submarines when work is to be performed by Non-Nuclear capable, Non-NAVSEA Note 5000 private shipyards, contractors, or Alteration Installation Teams (AITs) and to organize and define the responsibilities for development, revision, and control of these standard specifications. This ensures that appropriate contract language is used in transmitting technical, quality, and environmental/safety requirements to the contractor or AIT. This is a major revision to NAVSEAINST 9070.1C.

2. Cancellation. NAVSEAINST 9070.1C of 9 Nov 1994.

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3. Scope and Applicability. This instruction is applicable to all maintenance, repair, and modernization work contracted to Non-Nuclear capable, Non-NAVSEA Note 5000 private shipyards, contractors and AITs onboard any naval ship or craft except as noted in paragraph 4. Requirements for contracting work on nuclear-powered ships and submarines are contained in reference (a). Review of updates to Standard Items (SIs) for applicability to nuclear-powered ships will be the responsibility of Norfolk Naval Shipyard (NNSY) as the lead shipyard. Any work to be performed by contractors on submarines must be contracted through a Naval Supervising Authority (NSA) experienced in providing oversight to Submarine Safety (SUBSAFE) qualified contractors. Reference (b) provides additional guidance on the technical content of work items. In the event of any conflict between reference (b) and this instruction, the policies established herein shall govern. Conflicting areas shall be brought to the attention of the Standard Specification for Ship Repair and Alteration Committee (SSRAC) Coordinator and to the Standard Specification for Ship Repair and Alteration Program (SSRAP) Director, and resolved by appropriate changes to reference (b). Problems related to local implementation or suggested modifications of SIs shall be brought to the attention of the SSRAC Coordinator.

#### 4. Exception

a. SIs are not applicable to any SUBSAFE system, SUBSAFE component, SUBSAFE or Deep Submergence System/Scope of Certification (DSS/SOC) work or any Level I work on submarines, as defined in references (c), (d) and (e), respectively. Applicability of SIs to Unrestricted Operation-Maintenance Requirement Cards (URO-MRCs) work requires review and concurrence by NAVSEA 07T.

b. As stated in paragraph 1, this instruction does not apply to submarine work performed by NAVSEA Note 5000 companies. For this reason it does not apply to submarine work contracted to Northrop Grumman Newport News through the Supervisor of Shipbuilding Newport News, or to Electric Boat through the Supervisor of Shipbuilding Groton.

#### 5. Background

a. Private shipyards and contractors perform maintenance on naval ships and craft. Reference (f) aligns contracting

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responsibility between NAVSEA and NAVSUP in support of ship repair, maintenance, and modernization. Specifically, Regional Maintenance Centers (RMCs) were designated to serve as the Primary Contracting Officer (PCO) and/or Assistant Contracting Officer (ACO) for execution of all shipboard repair, maintenance, and modernization contracted to the private sector. Other contracting vehicles such as AIT contracts exist and are in regular use. Regardless of the contract administrator or contract type, each work requirement will have a work item prepared for it in order to communicate the exact scope of the work, the requirements for performing that work, and the cost. The work items may be prepared by a government entity, or by the executing activity (contractor), but in all cases the NSA is responsible to approve these work items.

6. Discussion. The SSRAC was established to develop, revise, and control standardized specifications for ship repair work and modernization work. SSRAC also controls standard phraseology and text, which ensures the use of consistent specification language. NAVSEA SIs establishes uniform methods and standards for routine requirements normally invoked in ship repair work. These items are invoked whenever applicable, without revision. SIs are approved by the SSRAC Steering Committee acting on the advice provided by the SSRAC subcommittees and cognizant NAVSEA technical codes. SI numbers are assigned in the 009-XXX series. The use of SIs is mandatory in ship repair or alteration specifications issued under a Master Ship Repair Agreement (MSRA) or Agreement for Boat Repair (ABR) for all naval ships and craft. Modification of SIs for local use is not authorized.

a. Categories of SIs. There are two categories of SIs from the standpoint of utilization:

(1) Category I SIs. These items are invoked in the Invitation for Bid/Request for Proposal (IFB/RFP) and apply to the entire job order without further reference in the individual work items. For example, SI 009-04 (Quality Management System Requirements).

(2) Category II SIs. When applicable, these items shall be invoked in the individual work item. For example, SI 009-32 (Cleaning and Painting Requirements; accomplish).

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b. Local SIs (LSIs). LSIs are items which meet the criteria of SIs but are approved by the Local Chief Engineer on a case basis for local or port specific requirements such as local environmental requirements or heavy weather plans. LSIs shall not be used in coast-wide bidding or extended solicitations. LSIs are numbered sequentially in the 099-XX series (i.e. 099-XXJA for a Southeast RMC LSI).

## 7. SSRAC Organization

a. NAVSEA 04RP is designated as the director of SSRAP, and as the Chairman of the annual SSRAC meeting.

b. The Regional Maintenance Center Officer will designate, in writing, the SSRAC Coordinator.

c. Steering Committee. The Steering Committee is comprised of the SSRAC Coordinator, SSRAP Director, legal counsel, a Norfolk Naval Shipyard Nuclear Representative and representatives from the Fleet, and may include RMC Chief Engineers, and representatives from NAVSEA. In addition, the SSRAP Director may appoint ad hoc members as required. The two main functions of the Steering Committee are to act on recommendations received from subcommittees (final point in the decision making/approval process) and to handle issues that cannot be resolved by subcommittees or issues that may be beyond the scope of any one subcommittee.

d. Safety/Environmental, Quality, and Technical Subcommittees. These subcommittees are staffed by knowledgeable personnel from the RMCs, SUPSHIPS, NAVSEA, Naval Surface Warfare Center (NSWC) and ad hoc members appointed by the SSRAP Director. Subcommittees review proposals on issues relating to their technical/trade specialties and provide recommendations to the Steering Committee with supporting rationale. In general, the NAVSEA Technical Warrant Holder for a specific warranted area will be a member of the corresponding Technical Subcommittee.

## 8. Responsibilities

### a. SSRAP Director

(1) Directs the program for development of SIs.

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(2) Acts as the approval authority for NAVSEA. In this role the Director assures the appropriate NAVSEA Technical Warrant Holders have been consulted, and that any changes to the SIs are technically acceptable.

(3) Acts as final decision authority if consensus cannot be reached by the Steering Committee.

b. Regional Maintenance Center Officer

(1) Designate the SSRAC Coordinator and ensure the resourcing for the coordinator and legal counsel at the designated RMC.

(2) Assigns tasks to the various RMCs to support the standard specifications program.

c. SSRAC Coordinator

(1) Coordinates NAVSEA SIs and Appendix 4-E of reference (b) prepared by the SSRAC.

(2) Assigns tasks to the various SUPSHIPS to support the Standard Specifications Program.

(3) Schedules and plans annual meetings of the SSRAC to review and approve new SIs and publish approved versions of SIs. Enclosure (1) provides milestones for promulgation of revised SIs. Enclosure (2) provides the format for submitting proposed changes to SIs and to reference (b).

(4) Solicits comments on recommended changes to approved SIs from other activities, reviews the comments and recommendations, and, if appropriate, includes such items on the agenda for the next SSRAC meeting (or assigns the matter to one or more SUPSHIPS or RMCs for appropriate action). The Coordinator will ensure the Norfolk Naval Shipyard Nuclear Business Office (Code 1200N) be included on the distribution of all recommended changes to SIs. Rationale for all proposed changes, approved or disapproved, is provided in the final SSRAC package. The SSRAC will update Appendix 4-E to Chapter 4 of reference (b) at SSRAC meetings when required.

(5) When situations arise that require SIs be changed on short notice, especially changes involving safety or

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environmental issues, the Coordinator will issue emergent changes to SIs. These emergent changes will require the concurrence of the Director, the cognizant Technical Warrant Holder, the Chairman of the affected SSRAC Subcommittee, NNSY Code 1200N, and if the item may be used for a submarine application, NAVSEA 07T.

d. Subcommittee Chairman. Coordinates the review of proposals related to the assigned subcommittee area of responsibility. This review will include obtaining the concurrence of any NAVSEA Technical Warrant Holder if such concurrence is required.

e. Regional Maintenance Centers (RMCs)

(1) Ensure the applicable SIs are invoked for each job order (Category I SIs) or in the individual work items (Category II SIs) for all work involving repair and modernization of naval ships. In addition, ensure an index listing of all invoked SIs is included in each specification package.

(2) Appoint one senior management member to act as the Command Standardization Coordinator and member of the SSRAC. It is recommended that this person be in an organizational position that has direct access to the appropriate Department Head.

(3) Ensure all specifications make use of existing SIs, ensure new SIs are implemented as developed, and provide command support to ensure that the objectives of the program are met.

(4) Ensure newly approved SIs are issued to contractors for their final review and comments within 30 days of receipt of the minutes of the annual SSRAC meeting at which the item or change was approved.

(5) Accomplish tasks assigned by the SSRAC Coordinator in support of the SSRAP.

f. NNSY Nuclear Business Office (Code 1200N). Review applicability and concur with SIs related to contracting work items onboard nuclear-powered ships.

9. Nuclear Propulsion Matters

a. The Director, Naval Nuclear Propulsion, CNO (N00N) has authority over and responsibility for all matters pertaining to

naval nuclear propulsion plants and associated nuclear capable support facilities. This authority and responsibility is outlined in OPNAVINST 5410.48 and established by Executive Order 12344 of 1 February 1982 that was made statutory by P.L. 98-525, Title 42, United States Code, Section 1216. The Director, Naval Nuclear Propulsion, is also the Deputy Commander, Naval Sea Systems Command (NAVSEA 08). CNO(N00N)/COMNAVSEA 08 is a joint Department of Energy (DOE) and Navy organization.

b. Nothing in this instruction supersedes or changes Naval Nuclear Propulsion Directorate responsibilities and authorities. Accordingly, activities will operate in accordance with existing manuals, instructions and requirements for naval nuclear propulsion plants and associated nuclear support facilities unless the specific approval of the Naval Nuclear Propulsion Directorate is obtained. Further, the Naval Nuclear Propulsion Directorate shall be kept informed of and consulted on all matters pertaining to or affecting naval nuclear propulsion plants and associated nuclear support facilities.

10. Action. All activities that contract work within the scope of this instruction onboard any naval ship or craft shall use the requirements of NAVSEA SIs in preparation of the work requirements. Request activities revise command policies accordingly and advise COMNAVSEA 04RP when this action has been completed.



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04,05,06,07,08,10,10L,103,105,107)



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MILESTONES FOR ANNUAL STANDARD SPECIFICATION FOR SHIP  
REPAIR AND ALTERATION PROGRAM (SSRAP)

SSRAC meeting (M) will be convened annually:

MILESTONES

M-120: SSRAC Coordinator. Schedules annual SSRAC meeting and requests proposals for agenda items.

M-60: SSRAC members. Deadline to submit final draft versions of proposed changes to Standard Items (SIs), Standard Work Items (SWIs), and Appendix 4-E to the SSRAC Coordinator.

M-30: SSRAC Coordinator. Promulgates final draft version of agenda items and the agenda to SSRAC members, identifies subcommittees and their chairman and provides a copy of proposed changes and back-up data to all.

M: Convene SSRAC meeting.

M+30: SSRAC Coordinator. Completes review of committee actions and promulgates revised or newly developed actions to cognizant activity coordinators for final review and comments.

M+60: Activity SSRAC coordinators. Return reviewed actions to the SSRAC Coordinator.

M+90: SSRAC Coordinator. Promulgates final committee actions to SSRAC meeting. Upon receipt, activity coordinators disseminate newly developed doctrine and procedures for implementation.

Enclosure (1)

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NAVSEA STANDARD SPECIFICATION FOR  
SHIP REPAIR AND ALTERATION COMMITTEE  
(SSRAC)

PROPOSED CHANGES

Submitting Activity \_\_\_\_\_

Activity POC: \_\_\_\_\_ Date: \_\_\_\_\_  
(NAME/CODE)

Item No: \_\_\_\_\_

Title: \_\_\_\_\_

1. Paragraph No. \_\_\_\_\_ Page No. \_\_\_\_\_

2. Problem and Rationale:

3. Proposed Change:

Note: Paragraphs 1, 2, and 3 may be repeated for subject item as space may allow.

Enclosure (2)