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DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
WASHINGTON, D. C. 20350

IN REPLY REFER TO  
OPNAVINST 9200.3  
op-04P  
21 SEP 1976

OPNAV INSTRUCTION 9200.3

From: Chief of Naval Operations

Subj: Engineering Operational Sequencing System (EOSS)

1. Purpose. This instruction establishes the Engineering Operational Sequencing System as the basic guide in the conduct of propulsion plant evolutions and casualty control, and directs the use of the EOSS where installed. It further defines responsibility for the system's development, review, distribution, training, installation, utilization, monitoring, and update.

2. Definition. The EOSS consists of two sub-sections, Engineering Operational Procedures (EOP) and Engineering Operational Casualty Control (EOCC). It is a single consolidated source of information specifying proper propulsion plant operational and casualty control procedures.

3. Background

a. In recent years, the promulgation of technical information relative to the proper operation and control of operational casualties in shipboard engineering plants has generated voluminous information. Some of this information is redundant and in conflict with previously published documentation. Additionally, the information has been presented in several different shipboard documents, creating difficulties in keeping the information current and providing it to the shipboard personnel for whom intended.

b. *In* order to provide a single consolidated source of information for shipboard engineering plant operation and casualty control, the EOSS has been developed. The EOSS is a set of systematic and detailed written procedures tailored to the individual ship, utilizing charts, instructions, and diagrams to provide the information necessary for proper propulsion plant operation and control of operational casualties. This information is located in the applicable engineering spaces for use, and provides a single ready consolidated source of procedural information.



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Policy. The EOSS will be developed and installed on designated non-nuclear powered operational ships and certain shore activities. When installed, the EOSS supersedes all existing operational information and conflicting technical directives for the systems and equipments covered. Systems and equipments not covered in the EOSS shall be operated in accordance with existing procedures and directives. In those cases where adherence to procedures in the EOSS will endanger the safety of personnel and/or equipment, the commanding officer is authorized to make interim procedural changes. Such changes shall immediately be reported to the Commander, Naval Sea Systems Command by message, describing circumstances and specific change being implemented. Information copies are to be provided to the applicable type commander and the Naval Ship Engineering Center, Hyattsville, Maryland.

5. Responsibility and Action

a. Chief of Naval Operations

- (1) Determine program policy and issue policy procedures,
- (2) Designate ships for which EOSS shall be developed determine order of priority for installation.
- (3) Evaluate-program effectiveness.

b. Chief of Naval Education and Training

- (1) Develop general EOSS training curricula for utilization by appropriate engineering training activities, including officer training activities.
- (2) Where applicable, include the utilization of EOSS procedures in the curricula for equipment operation related courses.
- (3) Determine EOSS software requirements of training activities under his control and provide these requirements to the Commander, Naval Sea Systems Command.
- (4) Ensure EOSS installation at the 1200 psi steam propulsion training facility, Great Lakes, Illinois and the Surface Warfare Officers School simulator, Newport, Rhode Island are kept current.

c. Chief of Naval Material. The Commander, Naval Sea Systems Command, as the agent for the Chief of Naval Material, shall:

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- (1) Develop EOSS software, utilizing work study technique.
- (2) Review all new EOSS software developments for technical accuracy prior to shipboard installation.
- (3) Install the EOSS aboard all designated ships, and provide necessary system indoctrination to the ships' forces.
- (4) Conduct continuous review of system and equipment changing operational requirements resulting from alterations, technical improvements, etc., and incorporate this latest information in EOSS software developments. Additionally, these latest requirements shall be backfitted to existing applicable EOSS systems.
- (5) Determine printing and laminating requirements for EOSS software and provide adequate stock for fleet and training activity utilization.
- (6) Determine priorities and provide implementation plans for EOSS software developments, based on ship operational availabilities and ROH schedules.
- (7) Provide a master reference library of EOSS documentation to type commanders for all ships of their force. Provide EOSS information packages to other activities, as required.
- (8) Review current Naval Sea Systems Command directives to ensure compatibility with EOSS concepts and policies.
- (9) Monitor activities of cognizant field activities to ensure compatibility with EOSS concepts and policies.
- (10) Implement an EOSS updating system, to include planned updates during regular overhaul and as required during normal operating cycles.
- (11) Receive and process all EOSS feedback reports forwarded from the type commander and ensure a response to each within 25 working days from date of receipt.
- (12) Determine EOSS hardware requirements and maintain adequate stock for shipboard installations and replacement requirements.
- (13) Maintain an EOSS inventory control system.

(14) Maintain a complete master file of all EOSS documentation.

d. Fleet Commanders in Chief

(1) Direct the implementation of the EOSS and ensure its utilization in the fleet.

(2) Review current fleet operational propulsion plant related directives to ensure compatibility with EOSS concepts and policies.

(3) Ensure that fleet training group inspectors evaluate ships' force use of the EOSS in the scope of their examinations and utilize the EOSS in conducting propulsion plant operational and casualty control training.

(4) Ensure that propulsion examining boards evaluate the use of the EOSS in the scope of their examinations.

e. Type Commanders. The type commanders, under the direction of the fleet commanders in chief, have the primary responsibility for the operation of the EOSS in the fleet, and shall:

(1) **Direct** the implementation and utilization of the EOSS within each ship of its force.

(2) Review periodically the utilization of and compliance with EOSS procedures in each ship.

(3) Schedule and coordinate ships' installation of the EOSS, including the backfitting and updating of the system as may be required.

(4) Ensure that EOSS feedback reports are prepared and submitted as required. Screen and coordinate these reports for appropriate approval or disapproval by ensuring that feedbacks have been thoroughly investigated and are supported prior to forwarding to the Naval Sea Systems Command. The vehicle for reporting EOSS feedbacks is the planned maintenance sub-system (PMS) Feedback Report Form (OPNAV 4790/7B).

(5) Maintain a master reference library of EOSS documentation for all ships of the force with the EOSS installed.

(6) Review current type commander propulsion plant related directives to ensure compatibility with the EOSS concepts and policies.

(7) Ensure that all appropriate type commander inspections include an evaluation of the EOSS utilization.

(8) Require that all appropriate shipboard propulsion plant personnel be adequately trained in the use of the EOSS.

(9) Ensure that prospective commanding officer (PCO), prospective executive officer (PXO), and prospective engineer officer (PEO) indoctrination includes familiarization with the EOSS.

6. Exception. The provisions of this instruction do not apply to nuclear powered ships.

7. Report. The reporting requirement contained in paragraph 4 is assigned symbol OPNAV 9200-1.



H, E.-SHEAR

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