



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
1333 ISAAC HULL AVE SE  
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY TO

NAVSEAINST 4790.26  
Ser 04RM/049  
6 Apr 09

NAVSEA INSTRUCTION 4790.26

From: Commander, Naval Sea Systems Command

Subj: COMMON MAINTENANCE PLANNING WORKING GROUP (CMPWG)

Ref: (a) SECNAVINST 5400.15B, Department of the Navy Research, Development, and Acquisition, and Associated Life-Cycle Management Responsibilities  
(b) NAVSEA ltr 4790 Ser 04RM/105 of 20 Aug 08, Maintenance Effectiveness Review (MER) Processes  
(c) OPNAVINST 4700.7K, Maintenance Policy for U.S. Navy Ships  
(d) SSPINST 5600.11L, Preventive Maintenance Program for Strategic Weapon System Equipments and Associated Material  
(e) SSPINST 4710.11, Strategic Weapon Support Systems (SWSS) Planned Maintenance Programs  
(f) COMFLTFORCOM NORFOLK VA 172130Z May 05, Ship Maintenance Leadership Group

Encl: (1) Common Maintenance Planning Working Group Organization

1. Purpose. To continue the charter of and tasking to the NAVSEA Common Maintenance Planning Working Group (CMPWG). This instruction formalizes CMPWG goals, objectives, structure, and general tasking.

2. Background

a. References (a) through (f) provide background as to the origins and initial missions of the CMPWG. The CMPWG has been operating since December 2005 and chartered since November 2007. In 2006, the CMPWG analyzed the problems, identified the staff, acquired the resources, and set the plans for performing the baseline review of all the Class Maintenance Plans (CMPs) across all Enterprises. In 2007, the CMPWG completed a baseline review of Carrier, Submarine, and Surface Class Maintenance Plans. A total of 18,416 class maintenance plan records were reviewed and systemic issues were identified in nine areas. Additionally, seven common systems were reviewed at classic Reliability Centered Maintenance (RCM) workshops. In 2008, the CMPWG used SUBMEPP's Maintenance Planning Engineering Analysis (MP-EA) process to prioritize systems for RCM review. The CMPWG

executed six classic RCM workshops on common systems; conducted three cross Enterprise Fleet Maintenance Effectiveness Reviews (FLEETMER), and addressed three of the systemic issues by conducting Common Maintenance Requirements (CMR) alignment Maintenance Effectiveness Reviews.

b. CMPWG has developed standardized RCM based methodologies for developing effective maintenance requirements and refined the MP-EA process for prioritizing systems across all Enterprises for RCM analysis. The CMPWG uses these methodologies to continuously improve maintenance requirements through systematic and in-depth review across all ship Enterprises. A schedule of CMPWG work is provided in reference (b) and results are reported semi-annually.

### 3. Scope

a. The Common Maintenance Planning Working Group (CMPWG) is Commander, Naval Sea Systems Command's lead organization tasked with continuously improving Class Maintenance Plans. The goals of Class Maintenance Plan improvements are to provide guidance for the most cost effective standardized maintenance requirements and assessment procedures across Carrier, Submarine, and Surface Ship Enterprises, improve maintenance planning and execution, achieve long-term readiness targets, and achieve design or extended platform service life. The CMPWG will assist in achieving these goals by:

(1) Identifying, prioritizing, and scheduling maintenance requirements for review and type of review based on effectiveness measures (e.g., Maintenance Planning-Engineering Analysis (MP-EA), Top Management Attention (TMA), 3-M, Casualty Reporting (CASREP) data), and Fleet/INSERV input, overall cost, impact on ship material condition and service life, effect on readiness, time since last review, and input from operational commanders.

(2) Using Reliability-Centered Maintenance (RCM) principles and standard NAVSEA RCM processes under the direction of SEA 04RM, execute maintenance reviews according to schedule. In conducting maintenance reviews, the CMPWG is to leverage the efforts of other ongoing initiatives, ensure Navy resources are used efficiently across Enterprises, and strive to identify best practices for cross-enterprise implementation where appropriate.

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(3) Publishing and implementing the results of maintenance reviews.

(4) Developing or revising instructions, notices, or other documentation as required that institutionalizes the strategies and practices developed by the CMPWG.

(5) The CMPWG will also consider, where appropriate, Common Components Selection from the available "Virtual Shelf" items and the effects of Performance-Based Logistics (PBL) on maintenance requirements, and will provide feedback to appropriate managers.

b. Exclusions from scope:

(1) The Director of Nuclear Propulsion (SEA 08) is responsible for all technical matters pertaining to nuclear propulsion of U.S. Navy ships and craft, including all aspects of integration of the nuclear plant into the ship system. Nothing in this notice detracts in any way from those responsibilities. Accordingly, the Director of Nuclear Propulsion (SEA 08) will be consulted in all matters pertaining to, or affecting, nuclear propulsion plants including all nuclear and non-nuclear propulsion plant systems and components.

(2) The Director, Strategic Systems Programs (DIRSSP) is responsible for providing material support (acquisition and fleet support of ballistic missile and strategic weapon systems), including missiles, platforms, associated equipment, and installation and direction of necessary supporting facilities. Nothing in this notice detracts in any way from those responsibilities. Accordingly, the Director, Strategic Systems Programs (DIRSSP) will be consulted in all matters pertaining to, or affecting strategic systems.

(a) In addition, the Strategic Weapons Support System (SWSS) on TRIDENT SSBN and the Attack Weapon Support System (AWSS) for SSGN are considered subsystems of the Strategic Weapons System (SWS) and Attack Weapon System (AWS) respectively. Therefore, any change in preventive or planned maintenance must be agreed upon by SSP. Preventive maintenance for selected SWSS and AWSS equipment is governed by reference

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(d). Coordination of planned maintenance for the SWSS and AWSS between SSP and NAVSEA is governed by reference (e).

(b) Reliability analysis of SWS and AWS hardware for preventive and planned maintenance changes should be coordinated with SSP. SSP is the point of contact for NAVSEA/SUBMEPP-proposed changes to SWSS and AWSS preventive and planned maintenance.

4. Authority. SEA 04RM will chair the CMPWG Task Force. SEA 04 (with SEA 04R and SEA 04L as deputies) will chair the CMPWG Executive Steering Committee (ESC). The Program Executive Officer (PEO) for Carriers, SEA 21 (for Surface Ships), and SEA 07 (for Submarines), PEO IWS, PEO LMW, and SEA 05 will be members of the Executive Steering Committee and will provide resources and support for CMPWG work outlined in the annual work schedule, reference (b).

a. The CMPWG is responsible for executing all aspects of improvements to Class Maintenance Plan processes and procedures for developing maintenance requirements within the scope of this charter. As such, the CMPWG will gather necessary data; interface with Carrier, Submarine, and Surface force organizations as required; revise maintenance plans and procedures; make recommendations to COMNAVSEA; and execute COMNAVSEA direction.

b. It is anticipated that many actions of the CMPWG will be carried out through the efforts of the technical communities currently managing equipment requirements. The Working Group will coordinate these actions as appropriate.

5. Staffing and Organization. The CMPWG Executive Steering Committee reports directly to COMNAVSEA. The Executive Steering Committee will appoint members from their respective organizations to serve on the CMPWG as a full-time community representative working for the CMPWG. The CMPWG Executive Steering Committee Chair will periodically inform and receive direction from the COMUSFLTFORCOM Ship Maintenance Leadership Group by means of Fleet Maintenance Board of Directors (FMBOD) and Fleet Readiness Enterprise (FRE) briefings. Enclosure (1) is the organization chart for the Common Maintenance Planning Working Group.

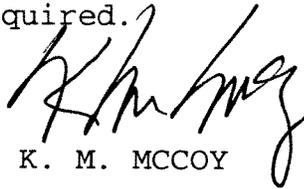
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6. Deliverables. The CMPWG will provide the following deliverables:

a. Annual schedule of Maintenance Effectiveness Reviews (MERs) and resource requirements for both common and unique requirements based on Maintenance Planning-Engineering Analysis (MP-EA), Top Management Attention (TMA), 3-M, Casualty Reporting and CASREP data, and Fleet/INSURV input and analysis.

b. Biannual status reports based on the MER schedule and metrics.

c. Technical reports as required.



K. M. MCCOY

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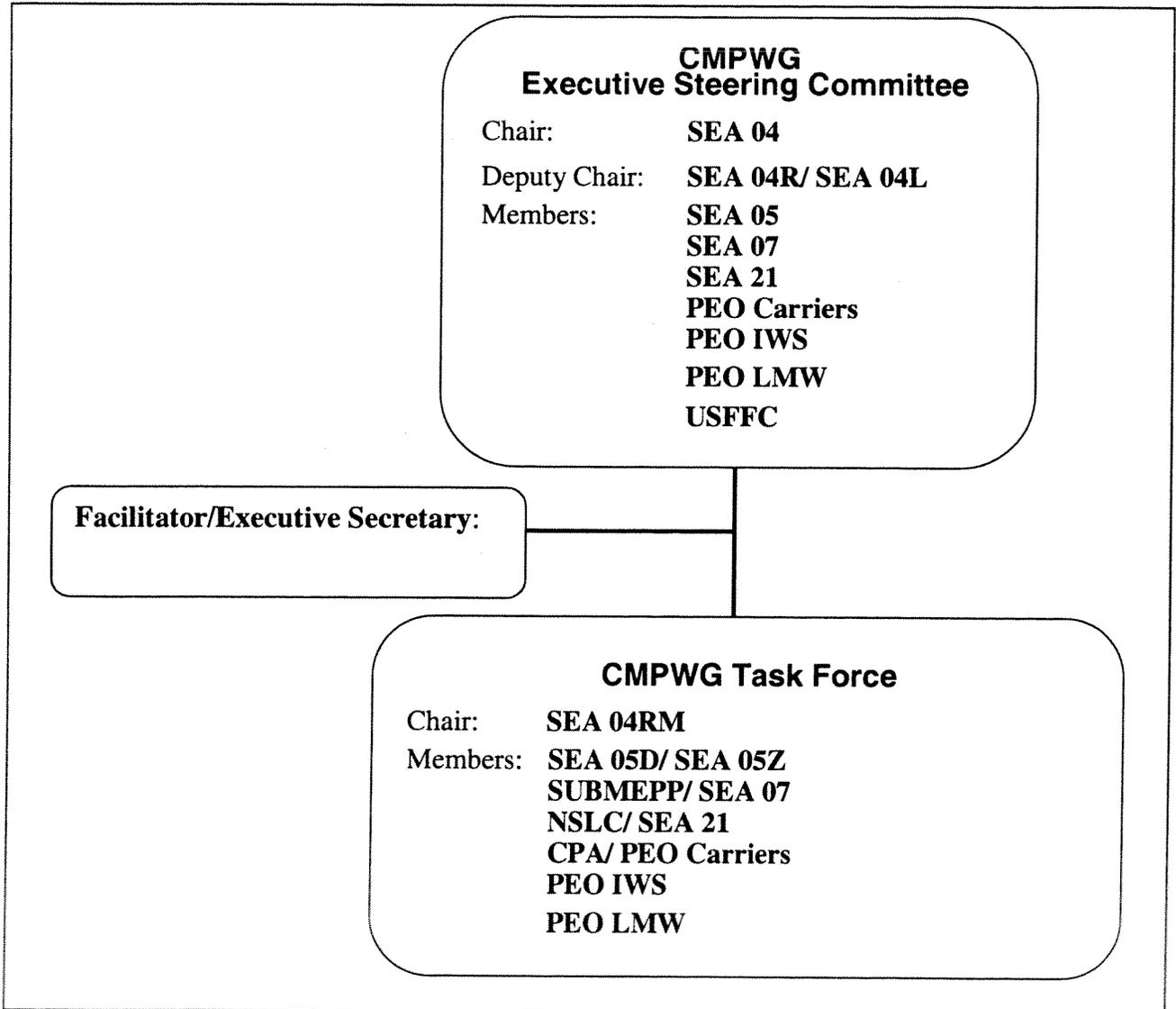
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## Common Maintenance Planning Working Group (CMPWG) Organization

The Common Maintenance Planning Working Group (CMPWG) will be organized as follows:



The Common Maintenance Planning Working Group (CMPWG) consists of an Executive Steering Committee (ESC) chaired by NAVSEA 04 with 04R and 04L assistance, with a senior representative from SEA 05, SEA 07, SEA 21, PEO Carriers, PEO IWS, and PEO LMW. The CMPWG Task Force will be chaired by SEA 04RM and will consist of appropriate representatives from the organizations responsible for development of carrier, submarine, and surface ship Class Maintenance Plan requirements. Both the Executive Steering Committee and the CMPWG Task Force will be assisted by a Facilitator/ Executive Secretary and a Senior Advisor.