



DEPARTMENT OF THE NAVY

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

IN REPLY TO
NAVSEAINST 5450.130
Ser 10/112
8 Sep 06

NAVSEA INSTRUCTION 5450.130

From: Commander, Naval Sea Systems Command

Subj: MISSION AND FUNCTIONS OF THE CARRIER PLANNING ACTIVITY,
CATEGORY 2 DETACHMENT, CHESAPEAKE, VIRGINIA

Ref: (a) NAVSEAINST 5450.28F
(b) COMNAVSEASYS COM 121721Z JAN 05

Encl: (1) Functions and Tasks for Carrier Planning Activity,
Chesapeake, VA

1. Purpose

a. To announce and document the establishment of the Carrier Planning Activity (CPA), Category 2 detachment, Chesapeake, VA, (PMS 312C), in accordance with reference (a).

b. To authorize the realignment of select functions and associated resources from the Supervisor of Shipbuilding, Conversion and Repair, U.S. Navy, Newport News, Virginia (SUPSHIP Newport News) to Program Executive Office (PEO) Aircraft Carriers in accordance with reference (b).

c. To publish the detachment's mission, functions, and tasks.

2. Background. Realignment of Aircraft Carrier support activities is part of the Chief of Naval Operations' Regional Maintenance Plan to streamline Navy ship maintenance organization and operations. As stated in reference (b), NAVSEA and CFFC have established the CPA to provide the life cycle class maintenance and advanced planning support required to meet current and future Carrier fleet needs.

3. Mission. To provide primary centralized Aircraft Carrier life-cycle management, maintenance and modernization planning, closely aligned to Fleet and PEO Aircraft Carriers needs and priorities. Reference (b) outlines CPA responsibilities as follows:

a. Development, maintenance and monitoring of the Carrier Incremental Maintenance Plan (IMP), including tracking the backlog of IMP and modernization work.

b. Developing Carrier Baseline Availability Work Packages (AWP) including integration of the IMP sequencing plan and the Modernization Plan for presentation to the TYCOMs.

c. Capturing and analyzing maintenance data history for use in updating the IMP Sequencing Plan and supporting the TYCOMs in assessing the value of ongoing material assessments.

d. Supporting the TYCOMs and Executing Activities in the development of continuous maintenance requirements including life cycle input from the IMP to the continuous maintenance process.

e. The Deputy Commander for Nuclear Propulsion, NAVSEA 08, is responsible for all technical matters pertaining to the nuclear propulsion of U. S. Naval ships and craft, including all aspects of integration of the nuclear plant into the ship system. The Reactor Plant Planning Yard (RPPY) completes the above tasks for NAVSEA 08. The CPA, as necessary, interfaces with the RPPY to integrate the above tasking with the rest of carrier life cycle maintenance and modernization planning management.

4. Status and Command Relationships. The CPA is a Category Two (Cat 2) detachment in an active status under the direction of a Program Manager's Representative (PMR). In FY 2007, CPA will relocate from leased space in Chesapeake, VA. The detachment will operate as a tenant activity hosted by the Norfolk Naval Shipyard under an Inter/Intra-Service Support Agreement. The PMR will report administratively to Commander Naval Sea Systems Command via PEO Aircraft Carriers. Operationally, CPA will report to the Program Manager, In Service Aircraft Carrier programs (PMS 312). In this capacity the CPA will also work closely with the following additional organizations:

a. CNAF N43 in support of the Fleet Modernization Program and the integration of work packages for Aircraft Carrier industrial availabilities.

b. NAVSEA 04 in support of CDM functions.

c. NAVSEA 05 in support of In-Service technical authority issues.

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5. Additional organizational information is provided below:

a. Echelons of Command:

- 1 Chief of Naval Operations
- 2 Commander, Naval Sea Systems Command
- 3 Program Executive Officer, Aircraft Carriers
- 4 Program Manager's Representative, Carrier Planning Activity, Chesapeake, VA

b. Area of Coordination: Commander, U.S. Fleet Forces Command

c. Regional Coordination: Commander, Navy Region Mid-Atlantic

d. Mailing Address:

Program Manager's Representative
Carrier Planning Activity
510 Independence Parkway, Suite 500
Chesapeake, VA 23320

6. Tenant Relationship. The CPA will become a tenant activity at Norfolk Naval Shipyard in FY 2007. The Shipyard will provide a space of 15-20,000 SF as mutually agreed upon with PEO Aircraft Carriers, and will provide "hotel services" to the CPA.

7. Functions. The functions and tasks of Carrier Planning Activity, Chesapeake, VA, are contained in enclosure (1).

8. Action. In accomplishing the assigned mission, the Program Manager's Representative, Carrier Planning Activity, Chesapeake, VA, will ensure performance of the functions and tasks listed in enclosure (1). The administrative and management information will remain in effect until changed by Naval Sea Systems Command notice or other appropriate documentation. Recommended changes should be sent to: Program Executive Office, Aircraft Carriers (PMS 312).



P. E. SULLIVAN

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Distribution:

SNDL C84 COMNAVSEASYSKOM Shore Based Detachments (less C84J)
FKP COMNAVSEASYSKOM Shore Activities (less FKP6B & FKP24)

NAVSEA Special List Y2

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FUNCTIONS AND TASKS

CARRIER PLANNING ACTIVITY
CHESAPEAKE, VA**Mission Statement**

To provide primary centralized Aircraft Carrier life-cycle management, maintenance and modernization planning, closely aligned to Fleet and PEO Aircraft Carriers needs and priorities.

Functional Statement: Specific functional responsibilities include but are not limited to the following:

1. Life Cycle Class Maintenance Engineering Management and Planning

a. Serve as Engineering Agent for Aircraft Carrier life cycle maintenance management under the technical authority of the In-Service Aircraft Carrier Ship Design Manager (SDM).

b. Develop, maintain, monitor and update Aircraft Carrier Class Maintenance Plans for each class of Aircraft Carrier.

c. Develop, maintain, monitor and update the CVN 68 Class Integrated Maintenance Plan (IMP).

d. Develop, maintain, monitor and update, for each hull, the Aircraft Carrier Sequencing and Surveillance Plans. This function includes tracking the maintenance backlog for each hull.

e. Support the Type Commander and Executing Activities in developing the Continuous Maintenance (CM) Process by providing input from the IMP regarding CM requirements.

f. Capture and analyze maintenance data history for use in updating maintenance planning documents and to support the Type Commander in evaluating the value and effectiveness of ongoing material assessment programs.

g. Develop life cycle strategies for sustaining Aircraft Carrier distributed system design margins.

h. Develop life cycle strategies for evaluating and maintaining "slow to degrade" systems and components not otherwise assigned to an In-Service Engineering Activity (ISEA).

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i. Maintain core Aircraft Carrier life cycle technical and program documentation.

j. Maintain and manage the Aircraft Carrier Corrosion Control Information Management System (CCIMS).

k. Maintain the Aircraft Carrier Expanded Ship Work Breakdown System (ESWBS) Manual.

2. Ship Availability Planning

a. Generate availability Baseline Availability Work Packages (BAWP), integrating hull Sequencing Plan maintenance requirements, modernization, and Reactor Plant Planning Yard and Propulsion Plant Engineering Activity maintenance and modernization requirements.

b. Capture and analyze historical return costs at the Ship Work Line Item Number (SWLIN) level to improve the accuracy of future availability cost estimating.

c. Evaluate the effectiveness of availability material condition assessments in supporting the development of availability work packages.

d. Coordinate with the Type Commander and Executing Activities to optimize scheduling of maintenance availabilities in support of maximizing Aircraft Carrier operational availability.

3. Modernization Management

a. Support development of availability BAWPs.

b. Draft availability Advanced Planning Guidance Letters.

c. Draft availability Letters of Authorization.

d. Maintain Aircraft Carrier modernization planning information in NDE/NM.

e. Participate as a member of SHIPMAIN Cross-Functional Team Four (CFT4).

f. Support Ship Change Document (SCD) technical assessments as directed by the Aircraft Carrier Technical Assessment Team (TAT) Lead.

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g. Support SCD cost benefit analyses (CBA) as directed by the Aircraft Carrier CBA Lead.

h. Evaluate and provide technical and programmatic recommendations in response to CV Risk Forms and Technical Configuration Date (TCD) Waivers.

i. Support the Naval Supervisory Activity in conducting Modernization Readiness Assessments (MRA) per the Carrier Team One Manual.

4. Configuration Data Management

a. Serve as Aircraft Carrier Configuration Data Manager (CDM).

b. Manage and provide oversight of Carrier Configuration Data Management.

c. Document and validate configuration and logistics changes throughout the lifecycle of the ship.

5. Material Support Programs. Serve as a core member of the Carrier Planned Equipment Replacement (CARPER) Technical Working Group (CTWG) responsible for identification of CARPER component/equipment candidates and validation of current CARPER program inventories.

Enclosure (1)