



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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OPNAVINST 5450.340A
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OPNAV INSTRUCTION 5450.340A

From: Chief of Naval Operations

Subj: MISSION, FUNCTIONS, AND TASKS OF COMMANDER, NAVAL SEA
SYSTEMS COMMAND

Ref: (a) 10 U.S.C. §637
(b) SECNAVINST 5400.15C
(c) COMPACFLT/COMUSFLT/COMNAVSEA MOA of 28 May 2008
(NOTAL)
(d) SECNAVINST 7000.27B
(e) OPNAVINST 5400.44A

Encl: (1) Functions and Tasks of Commander, Naval Sea Systems
Command

1. Purpose. To publish the mission, functions, and tasks of Commander, Naval Sea Systems Command (COMNAVSEASYSKOM) issued under references (a) through (e). This revision adds direct operational and oversight responsibilities for Commander, Naval Regional Maintenance Center (COMNAVRMC); cybersecurity; engineering duty officer (EDO); and Reserve Component forces functions and tasks. This instruction is a complete revision and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 5450.340.

3. Mission

a. Provide material support to the Navy, the Marine Corps, and other agencies, international government entities as assigned, ships, submersibles, other sea platforms, shipboard combat systems and components, other surface and undersea warfare and weapons systems, and ordnance expendables not specifically assigned to other systems commands (SYSCOM).

b. Provide total system integration; systems engineering; contracting; administrative and technical support; guidance and personnel; and training support to the Navy and international government entities as directed.

c. Serve as executive manager, Department of Defense (DoD) Explosive Ordnance Disposal Program Board; as the single technical authority and SYSCOM point of contact for explosives safety; and as the lead SYSCOM for theater nuclear warfare, security, and safety of nuclear weapons, and matters relating to physical security of conventional arms, ammunition, and explosives.

d. Serve as Navy coordinator of shipbuilding, conversion and repair for DoD; coordinator for ship repair, disposition of vessels, and conversion for the Department of Commerce; and head of the joint Navy and Marine Assessment Research Division Design Team. Under terms of the Merchant Marine Act of 1936, examine plans and specifications of merchant ships for national defense.

e. Provide for the Navy all technical and administrative support pertaining to diving and salvage, including carrying out Secretary of the Navy (SECNAV) duties and responsibilities delegated by him or her, pursuant to reference (a). Serve as the technical authority and operational safety and assurance certification authority for assigned areas of responsibility.

f. Per Executive Order 12344 of 1 February 1982, the Naval Sea Systems Command (NAVSEASYS COM) Deputy Commander for Nuclear Propulsion Program (SEA 08) is assigned responsibility within the Department of the Navy (DON) to supervise all technical aspects of the Navy's Nuclear Propulsion Program. SEA 08 also serves as the Deputy Assistant Secretary for Naval Reactors; Office of the Assistant Secretary for Nuclear Energy, Department of Energy (DOE); and as the Chief of Naval Operations (CNO) Director, Naval Nuclear Propulsion Program (N00N), with direct access to SECNAV and CNO on matters relating to naval nuclear propulsion.

g. Conduct research and development primarily at its two warfare centers, and fund additional efforts coordinated by the NAVSEASYS COM Deputy Commander for Undersea Technology (SEA073). The Naval Undersea Warfare Center (NAVUNSEAWARCEN) performs the Navy's research, development, test, and evaluation for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with undersea warfare and related areas of homeland security and national defense. The Naval Surface Warfare Center (NAVSURFWARCEN) performs the Navy's research, development, test and evaluation for ship systems,

surface ship combat and weapons systems, littoral warfare systems, force warfare systems and other offensive and defensive systems associated with surface warfare and related areas of joint, homeland security, and national defense systems from the sea and ashore.

h. Provide information technology (IT) solutions to support the Navy. This includes the support, operation, sustainment, modernization and acquisition of Major Automated Information System (MAIS) IT solutions, systems, and infrastructure to meet Navy missions and to safeguard these capabilities from compromise. Perform the IT governance and oversight necessary for the effective lifecycle management of IT solutions and assets.

4. Status and Command Relationships. COMNAVSEASYSKOM is a shore SYSKOM activity in an active (fully operational) status under a commander.

a. Command Hierarchy

Echelon

- 1 CNO
- 2 COMNAVSEASYSKOM

b. Area Coordinator. Commander, Navy Installations Command.

c. Regional Coordinator. Commandant, Naval District, Washington, DC.

d. SYSKOM Support. COMNAVSEASYSKOM; Commander, Naval Air Systems Command; Commander, Space and Naval Warfare Systems Command; Commander, Marine Corps Systems Command; Commander, Naval Supply System Command; and Commander, Naval Facilities Engineering Command report to the CNO and Commandant of the Marine Corps (CMC), as appropriate, for the execution of logistics sustainment and operating force support responsibilities.

e. Navy Acquisition Executive (NAE). As designated in reference (b), the Assistant Secretary of the Navy (Research, Development and Acquisition) (ASN(RD&A)) is the NAE for the DON.

The NAE has full responsibility for all DON acquisition programs through the program executive offices (PEO) and COMNAVSEASYSCOM. COMNAVSEASYSCOM will act for, and exercise the authority of, the NAE to directly supervise management of assigned programs; maintain oversight of cost, schedule, technical and performance maintenance; and report directly to ASN(RD&A) for all matters pertaining to research, development, and acquisition. COMNAVSEASYSCOM will provide for in-service program and platform support and support services to the PEOs without duplicating their management function.

f. Subordinate Missions. COMNAVSEASYSCOM has delegated authority and responsibility under statutory law to approve administrative control for mission, functions, and tasks, and subsequent modifications for echelon 3 activities and their subordinates as listed in subparagraphs 4f(1) through 4f(15).

- (1) COMNAVRMC, Norfolk VA
- (2) Commander, Aegis Ballistic Missile Defense, Dahlgren, VA
- (3) Commanding Officer, Aegis Technical Representative, Moorestown, NJ
- (4) Commander, NAVSURFWARCEN, Washington, DC
- (5) Commander, NAVUNSEAWARCEN, Newport, RI
- (6) Commanding Officer, Naval Experimental Diving Unit, Panama City, FL
- (7) Commanding Officer, Naval Nuclear Power Training Unit, Charleston, SC
- (8) Commanding Officer, Naval Ordnance Safety and Security Activity, Indian Head, MD
- (9) Director, Submarine Maintenance Engineering and Planning and Procurement Office, Portsmouth, NH
- (10) Commanding Officer, Surface Maintenance Engineering and Planning Program Activity, Norfolk, VA

(11) Supervisor of Shipbuilding, Conversion and Repair (SUPSHIP), Bath, ME

(12) SUPSHIP, Gulf Coast, Pascagoula, MS

(13) SUPSHIP, Groton, CT

(14) SUPSHIP, Newport News, VA

(15) Commanding Officer, Surface Combat Systems Center, Wallops Island, VA

g. Shipyards. Per reference (c), COMNAVSEASYSCOM has operational control; CNO N00N has responsibility for all matters pertaining to naval nuclear propulsion plants and associated nuclear support facilities; and the fleet serves as the primary budget submitting office for the shipyards cited in paragraphs 4g(1) through 4g(4).

(1) Commander, Portsmouth Naval Shipyard, Portsmouth, NH

(2) Commander, Norfolk Naval Shipyard, Portsmouth, VA

(3) Commander, Puget Sound Naval Shipyard and Immediate Maintenance Facility, Bremerton, WA

(4) Commander, Pearl Harbor Naval Shipyard and Immediate Maintenance Facility, Pearl Harbor, HI

h. Contracting Activity. COMNAVSEASYSCOM serves as head of the contracting activity for all assigned contracting mission functions for headquarters, warfare centers, SUPSHIPS, and regional maintenance centers (RMC).

5. Other Relationships. COMNAVSEASYSCOM has special relationships with other activities as listed in subparagraphs 5a through 5e.

a. Norfolk Naval Shipyard, Portsmouth Naval Shipyard, Mid-Atlantic Regional Maintenance Center (MARMC), and Southeast Regional Maintenance Center (SOUTHEAST RMC) operate under Resources Management System's (RMS) mission funding with the Commander, U.S. Fleet Forces Command, as the budget submitting office, and COMNAVSEASYSCOM as the operator.

b. Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (IMF); Puget Sound Naval Shipyard and IMF; and Southwest Regional Maintenance Center (SOUTHWEST RMC) operate under RMS funding with Commander, U.S. Pacific Fleet (COMPACFLT), as the budget submitting office, and COMNAVSEASYSKOM as the operator.

c. COMNAVSEASYSKOM, through COMNAVRMC, has direct operational and oversight functions over the fleet RMCs including SOUTHEAST RMC, SOUTHWEST RMC, MARMC, and the three forward deployed regional maintenance centers (located in Rota, Spain; Naples, Italy; and Manama, Bahrain).

d. Staff offices of ASN(RD&A) supported by NAVSEASYSKOM

- (1) PEO Aircraft Carriers, Washington, DC
- (2) PEO Integrated Warfare Systems, Washington, DC
- (3) PEO Littoral Combat Ships, Washington, DC
- (4) PEO Ships, Washington, DC
- (5) PEO Submarines, Washington, DC

e. COMNAVSEASYSKOM serves as head of the contracting activity for all assigned contracting mission functions for headquarters, warfare centers, SUPSHIPS, warfare centers, and RMCs.

6. Overseas Diplomacy. COMNAVSEASYSKOM serves as an effective instrument of U.S. foreign policy by initiating and continuing action programs which promote positive relations between the U.S. Navy and foreign nationals.

7. Functions and Tasks. COMNAVSEASYSKOM functions and tasks are contained in enclosure (1).

8. Action. In accomplishing the assigned mission, COMNAVSEASYSKOM will ensure performance of the functions and tasks in enclosure (1). COMNAVSEASYSKOM is the technical authority for the design and construction of U.S. Navy ships, submarines, submersibles, other water craft, and their respective equipment and systems, including their interface with

other SYSCOM systems and equipment. COMNAVSEASYSKOM will recommend changes and revisions to this document when required.

9. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per SECNAV Manual 5210.1 of January 2012.

10. Review and Effective Date. Per OPNAVINST 5215.17A, Director of Navy Staff, Organization Management (DNS-3), via NAVSEASYSKOM, will review this instruction annually on the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will automatically expire 5 years after its issuance date unless reissued or canceled prior to the 5-year anniversary date, or an extension has been granted.



R. L. THOMAS

Director, Navy Staff

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FUNCTIONS AND TASKS OF COMMANDER, NAVAL SEA SYSTEMS COMMAND

1. COMNAVSEASYS COM has management authority and accountability for assigned weapon systems and ship system acquisition programs with the exception of that authority and responsibility specifically assigned to a PEO.
2. Per reference (c), COMNAVSEASYS COM is the reporting senior, operating agent, and technical authority for naval shipyards and RMCs, and the respective fleet is to be the budget submitting office for the naval shipyards and RMCs.
3. Assigned ships, weapon systems, and acquisition programs include:
 - a. Ships, submarines, submersibles, all associated ship systems, ship combat systems, shipboard support systems, ship and aviation interface systems, and surface and submarine expendable ordnance;
 - b. Assigned small arms, infantry equipment, body protective armor, and inshore undersea warfare equipment;
 - c. Special explosive ordnance disposal tools and technology;
 - d. Chemical, biological, and radiological warfare defense materials and equipment;
 - e. Respiratory protective devices, diving methods and equipment, and submarine rescue methods and equipment; and
 - f. Equipage for towing and salvage.
4. COMNAVSEASYS COM responsibilities include development and implementation of cybersecurity capabilities as a mission priority per applicable references and requirements.
5. The responsibilities of SEA 08, who also serves as the Deputy Assistant Secretary for Naval Reactors DOE, are set forth in Executive Order 12344 and section 7158 of title 42, United States Code (U.S.C.), and are unaffected by this instruction.

6. COMNAVSEASYS COM acts in the coordination of the shipbuilding conversion and repair proficiency to address national mobilization planning requirements for DoD, Department of Transportation, and Department of Commerce in agreement with DoD, Department of Transportation, and DOE.

7. COMNAVSEASYS COM oversees the core processes required to support acquisition, in-service support, weapon systems, IT, engineering systems, cybersecurity systems, demilitarization, and disposal. These processes include:

- a. Realistic and reasonable cost estimating;
- b. Technology development and technical readiness assessment;
- c. Systems engineering (acquisition and in-service) and development, and environment, safety, and occupational health management;
- d. Manufacturing;
- e. Science and technology (e.g., warfare centers);
- f. Test and evaluation (e.g., warfare centers);
- g. Integrated logistics systems (acquisition and in-service);
- h. Installation;
- i. Maintenance and modernization planning;
- j. Configuration management;
- k. Demilitarization and disposal;
- l. Comptroller, legal, business, contracting, and administrative support services;
- m. Ranges and labs (oversight); and

n. Quality management systems, including a process to capture meaningful metrics for evaluating acquisition and in-service engineering support.

8. Operate and sustain the most efficient organization needed to support acquisition, fielding, and in-service support of weapon systems. Formulate and defend program plans and budgets for this infrastructure including those in subparagraphs 8a through 8h.

a. Science and technology, design, engineering, industrial, and testing capabilities.

b. Technical and professional expertise.

c. Capability to conduct independent technical reviews.

d. Capability to conduct integrated logistics and material assessments.

e. Oversight support for budget submitting office 24, facilities, security, human resources, and manpower requirement responsibilities.

f. Provide readiness to the fleet to perform their warfighting missions.

g. Foster a culture of cyber-awareness, cybersecurity responsiveness, and compliance. Understand the threats including the Navy's vulnerabilities that impact cybersecurity failures, and develop preventive and corrective actions.

h. Provide policy direction for centralized aircraft carrier, surface ship, and submarine lifecycle maintenance engineering, class maintenance planning, and management closely aligned with the respective fleet type commanders.

9. Establish standard policies, technical specifications, and processes, where appropriate.

10. Incorporate advanced technology, innovation, and operations and support lessons-learned into the design, maintenance, modernization, and acquisition specifications that apply to weapons, IT, and engineering systems.

11. Exercise technical and certification authority for ship, submarine, diving, hyperbaric, weapon, and IT systems in relationship with other commanders of systems commands.
12. Manage and exercise close programmatic oversight on programs not assigned to a PEO or direct reporting program manager, and make forthright timely reports to ASN(RD&A).
13. Provide support services to designated PEOs as provided in the operating agreements.
14. Provide support to ASN(RD&A), CNO, and CMC for analysis of mission areas, systems, requested program information for program objective memoranda, manpower, and budget development requirements. This support includes planning, operating, sustaining, modernizing and acquiring MAIS IT solutions, systems, and infrastructure. NAVSEASYSCOM manages numerous defense business systems, research and development networks, and management information systems across Navy field activities, for Office of Chief of Naval Operations (OPNAV) and the fleet, which enables Navy missions and safeguards these assets from compromise.
15. COMNAVSEASYSCOM is responsible for awarding and administering contracts for ships and submarines, assigned weapon systems and platforms, and relevant professional, research, and engineering services. NAVSEASYSCOM unique contracting responsibilities include awarding and administering contracts for construction; maintenance and modernization of ships and submarines; nuclear propulsion; water craft, submersibles; equipage for towing, diving and salvage; and university affiliated research centers.
16. Coordinate and develop plans with the PEOs for the transition of programs into and out of the PEO organizations. Submit plans to ASN(RD&A) for approval.
17. Serve as milestone and program decision authority for assigned acquisition category III and IV programs, and other programs, as delegated.
18. Act as, or provide for, source selection authority to achieve the best value products and services through statutory and regulatory requirements and practical experience.

19. COMNAVSEASYSKOM is responsible for the warfare centers.

a. NAVSEASYSKOM warfare centers, NAVSURFWARCEN and NAVUNSEAWARCEN report directly to COMNAVSEASYSKOM.

b. Ensure NAVSURFWARCEN and NAVUNSEAWARCEN accept work only in assigned mission and leadership areas.

c. Ensure NAVSEASYSKOM directorates and affiliated PEOs direct appropriate work to the warfare centers.

20. Per reference (d), provide financial management authority and responsibilities for assigned shore activities and military and civilian personnel, to include:

a. Serve as the administering office and budget submitting office for the NAVSEASYSKOM PEOs, direct reporting program managers, and other non-comptroller program officials that accept funding documents for the comptroller and prepare funding documents to be signed by the commanding officer, comptroller, or fund control personnel; and

b. Execute the Navy's Foreign Military Sales Program with PEOs and international partners for the development and procurement of ships, undersea warfare systems, and integrated weapon systems, acquisition, material, and logistical support.

21. COMNAVSEASYSKOM must exercise leadership to support the DoD Financial Improvement and Audit Readiness initiative to achieve auditable financial statements.

22. Additionally, COMNAVSEASYSKOM's duties include those in subparagraphs 22a through 22i.

a. Provide program management for military and civilian personnel programs, to include wage and classification, staffing and recruitment, equal employment opportunity, employee development, employment of individuals with disabilities, career development, employee relations, and performance programs.

b. Inform CNO, CMC, and other Navy commands and officials, as appropriate, on manpower and training requirements for military and civilian personnel in operations, maintenance, and support of systems and equipment provided by COMNAVSEASYSKOM.

- c. Plan and allocate military, civilian, and contractor support manpower funds, and evaluate performance of all components of COMNAVSEASYSKOM.
- d. Provide organizational change management program for the establishment and disestablishment of shore (field) activities of the DON as authorized by chapter 503, section 5013 of title 10, U.S.C.
- e. Serve as EDO designator, advisor, and sponsor for the EDO community, responsible for career planning, and governance for professional training, education, and qualification programs for the entire 800 officer EDO community Navywide.
- f. Manage assigned Reserve Component forces that provide NAVSEASYSKOM headquarters and field activities with leadership, engineering, program management, and technical trade skills. Assigned reservists generally include EDOs, explosive ordnance disposal officers, diving and salvage personnel, and enlisted Sailors in the surge maintenance program.
- g. Take care of NAVSEASYSKOM people through support for health and quality of life for military and civilians, and support Veteran Employment Initiative and Wounded Warriors Reintegration programs.
- h. Build and value a culture of diversity, and strive to attract, recruit, develop, and retain a high-performing and mission-focused workforce.
- i. Maintain a training pipeline for future acquisition leadership through education, training, and certification program requirements for acquisition, military, and civilians. The Defense Acquisition Workforce Improvement Act statutory requirements mandate extensive training and experience to ensure quality, readiness and sufficient workforce capacity and capability.