



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

IN REPLY REFER TO
OPNAVINST 5450.223B
N87
17 Aug 2011

OPNAV INSTRUCTION 5450.223B

From: Chief of Naval Operations

Subj: MISSION, FUNCTIONS AND TASKS OF DIRECTOR, STRATEGIC
SYSTEMS PROGRAMS, WASHINGTON NAVY YARD, WASHINGTON, DC

Ref: (a) Undersea Enterprise Board of Directors Charter
(NOTAL)
(b) US-UK Polaris Sales Agreement (NOTAL)
(c) US-UK Polaris Sales Agreement Technical Arrangement
(NOTAL)
(d) SECNAVINST 5710.23C
(e) SECNAVINST S8126.1 (NOTAL)
(f) SECNAVINST 8120.1

Encl: (1) Functions and Tasks of DIRSSP, Washington Navy Yard,
Washington, DC
(2) SSP Chain of Command

1. Purpose. To publish the functions, tasks, and reporting relationships of Director, Strategic Systems Programs (DIRSSP), Washington Navy Yard, Washington, DC per references (a) through (f).

2. Cancellation. OPNAVINST 5450.223A.

3. Scope and Applicability

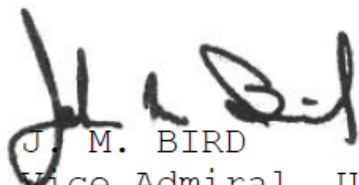
a. Mission. To provide material support (acquisition and fleet support) for strategic weapons systems (SWS) and other assigned programs, including missiles, platforms, associated equipment, security, training of personnel, and installation and direction of necessary supporting facilities; to provide strike weapon and associated payload material support (acquisition and fleet support) to other program executive officers and program managers as assigned; to manage and support Department of the Navy (DON) implementation and compliance process for current and future arms control agreements; to provide program management

for nuclear weapons security (NWS) during weapon receipt, storage, processing, and SSBN loading and unloading, as well as while on SSBNs at the waterfront and during transit to and from the dive point; to perform other functions, tasks or emerging mission as assigned by higher authority.

b. Status and Command Relationships. Per SECNAV memo of 15 March 1990 (NOTAL), Strategic Systems Programs (SSP) is a direct reporting program manager and an echelon 2 shore activity, reporting, directly and solely, to the Navy acquisition executive for assigned acquisition matters. DIRSSP reports to the Chief of Naval Operations (CNO) for matters involving fleet operations and support. Designated SSP field activities (identified in enclosure (2)) report directly to DIRSSP in support of their assigned mission.

4. Action. In accomplishing the assigned mission, DIRSSP will ensure performance of the functions and tasks listed in enclosure (1). Send recommended changes to the Office of the Chief of Naval Operations (OPNAV) Submarine Warfare Division (N87).

5. Records Management. Records created as a result of this instruction, regardless of media and format, shall be managed per Secretary of the Navy Manual 5210.1 of November 2007.


J. M. BIRD
Vice Admiral, U.S. Navy
Director, Navy Staff

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FUNCTIONS AND TASKS OF DIRSSP,
WASHINGTON NAVY YARD, WASHINGTON, DC

1. Per references (a) through (f) and in a manner consistent with the policies and procedures established by the Navy acquisition executive, DIRSSP directs the development, production, and life cycle support of the Trident SWS. The following specific elements are representative within this direction:

a. Plans, initiates, directs, prosecutes, coordinates, and evaluates a variety of functions associated with the system and with various subsystem components of the Trident SWS. These activities are coordinated with the OPNAV resource sponsors and the undersea enterprise (USE) and are conducted in a manner consistent with achieving documented system requirements, including, but not limited to, cost, schedule, and performance. They include research, trade-off analysis, design (e.g., compatibility, interoperability, commonality, maintainability, and reliability), development, procurement, production, test, evaluation, and operational and logistics support for systems from inception through retirement and final disposal. They also include installation testing of Trident SWS subsystems and their detailed interfaces to assure integration and compatibility of Trident weapon and supporting systems. The development and conduct of maintenance engineering, maintenance programs, training curricula, and trainer systems are included as well.

b. Develops policy and program guidance for quality, reliability, calibration, product assurance, configuration management, safety, and standardization during all phases of Trident SWS life cycles, and inspects implementation of same.

c. Provides technical coordination of all contractors and Government agencies that develop and produce equipment, components, software, and technical documentation for the Trident SWS. Performs technical liaison with other agencies, as necessary, in accomplishing the SSP mission.

d. Develops and oversees implementation of systems used for weapon systems assessment and for missile flight tests to include safety requirements.

e. Coordinates development of new ship designs and the scheduling and funding of SSBN construction, conversion and overhaul operations as related to SWS functions.

f. Develops and directs policy for the development, construction, modification, checkout, activation, and de-activation of strategic weapons facility (SWF) activities.

g. Manages SWS life cycle support to ensure the SWS performance, safety, and operational availability requirements are continuously and efficiently satisfied. Develops SWS material support policies and procedures and oversees their execution by organizations throughout DON and Department of Defense (DoD) support establishment. Also, in order to ensure the operational effectiveness of the strategic submarine platform, SSP oversees and initiates programs to ensure adequate material support of SSBN hull, ordnance, and electrical systems.

h. Plans, coordinates, develops documentation for, and conducts the Trident SWS Operational Analysis and Evaluation Program, to include demonstration and shakedown operations, commander evaluation test, follow-on commander evaluation tests, and SSBN operational patrols.

2. Coordinates program objective memorandum efforts for SWS, ship, submersible, guided missile, nuclear (SSGN) attack weapons systems (AWS), arms control, NWS, and other assigned acquisition programs with N87 and OPNAV Ashore Readiness Division (N46). Provides targeting support services in support of U.S. Strategic Command. Coordinates with Department of Energy laboratories, DON laboratories and field activities for assigned Trident SWS work, and naval systems commanders (SYSCOMs) for ship-missile interfaces, ship scheduling, and new construction programs. Performs duties outlined in reference (a) as USE Board of Directors Executive Committee member.

3. Exercises prime responsibility for fulfilling the terms of reference (b). DIRSSP is the U.S. project officer for the Polaris-Trident sales agreement. Additional details for these duties are found in reference (b) and reference (c).

4. Directs additional nuclear and conventional sea-based deterrent and tactical missile system and related technology programs assigned to SSP, which includes SSGN AWS and large

diameter tube payload integrator, and the storage, movement, and maintenance of the Tomahawk land-attack missiles at SSP SWFs. Maintains relationships with the CNO for these efforts, with DON laboratories and field activities for assigned work, and with SYSCOMs for interfaces, ship scheduling, and new construction and modification.

5. Acts as the lead DON activity in formulating the new Strategic Arms Reduction Treaty implementation and compliance (I&C) management plans as well as future efforts associated with follow-on treaties.

6. SSP is the DON executive agent for implementation and compliance of all arms control treaties and agreements. Director, Naval Treaty Implementation Program, as directed by DIRSSP, executes the day-to-day I&C functions for non-strategic nuclear and conventional arms control treaties and agreements across the Navy and the Marine Corps, and is the executive secretary of the Naval Arms Control Review Board. These duties are further described in reference (d). Specific major responsibilities are:

a. Develops I&C plans and procedures to ensure DON compliance with the obligations of existing and future arms control treaties and agreements.

b. Provides information, guidance, and assistance to program managers, operating forces, and shore facilities regarding treaty implementation and compliance requirements and verification activities, including on-the-ground direct support during inspections.

c. Conducts arms control treaty compliance reviews of DON acquisition programs and research and development efforts throughout their life cycle, and addresses issues that could reasonably raise arms control compliance concerns.

d. Executes timely and accurate notification of non-strategic nuclear and conventional arms control verification activities. Deploys a highly specialized assistance team in direct support of commanders and commanding officers while maintaining operational awareness at headquarters.

e. Provides technical arms control implementation and compliance support to the OPNAV and Assistant Secretary of the Navy staffs and the Joint Chiefs of Staff in support of treaty negotiations and policy development.

7. Exercises command financial and program management responsibilities to include, but not be limited to, the following:

a. Develops and approves all acquisition-related documentation (including, but not limited to, business clearances and contracts) with the exception of justification and approvals of over \$78.5 million and acquisition strategies (for Acquisition Category (ACAT) I and ACAT II programs as designated in DoD Instruction 5000.02, Operation of the Defense Acquisition System, of 8 December 2008), as well as those involving waivers to the federal acquisition regulations or defense acquisition regulation supplement. DIRSSP performs all necessary functions to execute assigned programs including, but not limited to, approving all required compliances, meeting small business laws and policies, chairing acquisition review boards, and acting as source selection authority for all competitions. Assures integrity and ethical conduct of all financial and business matters.

b. Exercises responsibility for the past performance information and contractor performance assessment reporting system for use in contracting for SSP acquisitions and support efforts and in assessing contractor performance on SSP contracts.

c. Exercises administrative, legal, and other internal controls over all funding, including research and development, operation and maintenance, and procurement accounts allocated to DIRSSP by the DON comptroller or cognizant acquisition program manager. Distributes budget adjustments to assigned programs, reviews and approves all below threshold reprogramming, and resolves any funding issues for assigned programs. Maintains accounting records, including commitments, obligations, and expenditures for the trust fund under reference (b) extended for Trident II with the United Kingdom. Also, budgets and allocates resources to ensure the implementation of and compliance with arms control agreements.

8. Serves as the program manager and technical authority for nuclear weapons (NW) safety, and security for all DON NW capable activities. As the Navy's NWS program manager, determines NWS priorities, system characterization, system evaluation, continuous assessment, and provides operational or training efforts to improve NWS. These duties are further described in references (e) and (f).

9. Serves as program manager responsible for all DON activities NW radiation control (RADCON) and NW radiation health. Responsible for control of radiation and radioactivity associated with DON NW activities. Additionally, SSP is responsible for establishing requirements associated with NW RADCON. SSP is directly responsible for enforcing standards and regulations as they affect the environment and safety and health of workers, operations, and the general public.

10. Responsible of the oversight of all DON NW Personnel Reliability Program (PRP) execution. Additionally responsible for formal coordination with OPNAV on military personnel action associated with DON NW PRP implementation.

11. Responsible for the development, implementation, and execution of DON NW technical inspections. Additionally, SSP sets inspection criteria and standards to which DON NW capable units are inspected. SSP also provides technical direction and assistance to fleet commanders in the operation and inspection of DON NW capable units.

SSP CHAIN OF COMMAND

ECHELON

1 SECRETARY OF THE NAVY
SECRETARY OF THE NAVY (ASN RD&A)
[DIRECT REPORTING PROGRAM MANAGER, STRATEGIC
SYSTEMS PROGRAMS, WASHINGTON NAVY YARD,
WASHINGTON, DC (00030)]

ECHELON

1 CHIEF OF NAVAL OPERATIONS
2 DIRSSP, WASHINGTON NAVY YARD, WASHINGTON, DC
(00030)
(OFFICER IN CHARGE, DIRSSP DETACHMENT ARDUOUS SEA
DUTY) (32902)
(OFFICER IN CHARGE, STRATEGIC SYSTEMS PROGRAMS,
DETACHMENT D, STRATEGIC SYSTEMS PROGRAMS LIAISON
OFFICE UK, BRISTOL, UK) (63409)
(OFFICER IN CHARGE, STRATEGIC SYSTEMS PROGRAMS,
DETACHMENT OMAHA, OFFUTT AFB, NE) (68978)
3 COMMANDING OFFICER, PROGRAM MANAGEMENT OFFICER,
STRATEGIC SYSTEMS PROGRAMS, SHIPBOARD SYSTEMS,
PITTSFIELD, MA (61402)
(TECHNICAL DIRECTOR, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, SHIPBOARD SYSTEMS
DETACHMENT, HUNTINGTON BEACH, CA) (66154)
(TECHNICAL DIRECTOR, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, SHIPBOARD SYSTEMS
DETACHMENT, MITCHEL FIELD, NY) (65871)
(TECHNICAL DIRECTOR, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, SHIPBOARD SYSTEMS
DETACHMENT, PITTSFIELD, MA) (65117)
3 COMMANDING OFFICER, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, FLIGHT SYSTEMS,
SUNNYVALE, CA (62921)
(OFFICER IN CHARGE, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, FLIGHT SYSTEMS
DETACHMENT, MAGNA, UT) (30882)
(OFFICER IN CHARGE, PROGRAM MANAGEMENT OFFICE,
STRATEGIC SYSTEMS PROGRAMS, FLIGHT SYSTEMS
DETACHMENT, CAPE CANAVERAL, FL) (40017)

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3 COMMANDING OFFICER, NAVAL ORDNANCE TEST UNIT,
 CAPE CANAVERAL, FL (62841)
4 FBM OPERATIONAL TEST SUPPORT UNIT TWO, CAPE
 CANAVERAL, FL (30724)
3 COMMANDING OFFICER, STRATEGIC WEAPONS FACILITY
 ATLANTIC, KINGS BAY, GA (68733)
4 COMMANDING OFFICER, MARINE CORPS SECURITY
 FORCE COMPANY, KINGS BAY, GA (68885)
3 COMMANDING OFFICER, STRATEGIC WEAPONS FACILITY
 PACIFIC, SILVERDALE, WA (63402)
4 COMMANDING OFFICER, MARINE CORPS SECURITY
 FORCE COMPANY, BANGOR, SILVERDALE, WA (67403)