



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

IN REPLY REFER TO  
OPNAVINST 5400.43A  
N6  
12 Feb 07

OPNAV INSTRUCTION 5400.43A

From: Chief of Naval Operations

Subj: NAVY SPACE POLICY IMPLEMENTATION

Ref: (a) SECNAVINST 5400.39C  
(b) DOD Directive 3100.10 of 9 Jul 99  
(c) DOD Directive 5101.2 of 3 Jun 03  
(d) National Security Space Acquisition Policy Number 03-01 of 27 Dec 04  
(e) National Space Technology Council (NSTC-2) Presidential Decision Directive of 5 May 94  
(f) Naval Power 21...A Naval Vision of Oct 02  
(g) National Signals Intelligence (SIGINT) Committee Charter of 31 Mar 04 (NOTAL)  
(h) National MASINT Committee Charter Director Central Intelligence Directive (DCID) 2/11 of 1992  
(i) FY04 Department of Defense Authorization Act, Sec. 924  
(j) Needs Management Working Group Charter of 20 Nov 03 (NOTAL)  
(k) Department of the Navy Memorandum for Naval Network Warfare Command, Designation as the Navy Space Cadre Functional Authority of 29 Mar 05 (NOTAL)  
(l) Navy Space Human Capital Strategy of 27 Dec 04  
(m) DoD Executive Agent for Space and Director Defense Research and Engineering, Space Science and Technology Summit memo of 17 Jun 04 (NOTAL)  
(n) COMNAVRESFORCOMINST 5450.2  
(o) ONR, Charter for the NSRO memo of 31 Jul 03 (NOTAL)  
(p) ASN RDA WASHINGTON DC 052113Z May 04 (NOTAL)  
(q) SECNAVINST 5400.15B  
(r) ASN for Research, Development and Acquisition, SPAWAR SSFA, and DON NNCG memo of 19 Apr 99 (NOTAL)

Encl: (1) Table of National Security Space (NSS)/Civil Space and Navy Counterparts

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1. Purpose. To establish Navy procedures and clarify roles and responsibilities for implementing the Department of the Navy Space Policy per reference (a). This instruction implements references (a) through (e) by providing a structure and process for requirements identification, planning, programming, budgeting, execution, and coordination of space issues relevant to U.S. Navy warfighting needs.

2. Scope. This instruction applies to organizations under the command of the Chief of Naval Operations (CNO). Key sections reflect responsibilities of the Assistant Secretary of the Navy (Research, Development and Acquisition) (ASN(RDA)) and subordinate organizations to provide the complete context for the Navy's Space endeavors; however, ASN(RDA) and subordinate organizations are not governed by this instruction.

### 3. Discussion

a. Reference (f) depends on space capabilities which make possible the fundamental qualities (decisiveness, sustainability, responsiveness, and agility) required in a winning naval force. Space assets provide access, perspective, and persistence for joint communications, intelligence, surveillance, and reconnaissance, precision navigation and timing, meteorology and oceanography, and missile warning.

b. In order to ensure that naval forces receive the maximum benefit of space-based capabilities, the Navy must have a Navy Space Team to focus on representing Navy requirements and participating in Director of National Intelligence (DNI), National Security Space (NSS), and civil space processes as defined in references (b), (c), (e), and (g) through (j).

c. The Navy Space Team is a functional team of organizations that span the entire spectrum of Naval warfighting. Functional areas include assessments and requirements, operations, science and technology (S&T), and acquisition. The Deputy Chief of Naval Operations (Communication Networks (N6)) leads the Navy Space Team for the Chief of Naval Operations (CNO). The Director of Naval Intelligence (CNO (N2)) is the critical link to the U.S. Intelligence Community (IC) and joint intelligence forums for ensuring Navy's Space requirements are fully realized. Naval Network Warfare Command (NNWC) is the Space Type Commander, operations lead, and Navy Space Cadre Functional Authority. The Office of Naval Research (ONR) is the Navy Space S&T Executive.

The Program Executive Office (PEO) Space Systems works in partnership with PEO Command, Control, Communications, Computers, and Intelligence (C4I) to acquire space systems and space terminals respectively. Membership and responsibilities of the Navy Space Team are listed in section 5.

d. Underlying all of the functional areas is the expertise and professional knowledge of well-trained individuals in the Navy Space Cadre. Success is dependent on a solid foundation of Space Cadre and a forward leaning Navy Space Team that actively coordinates Navy space needs, priorities, and innovative capabilities within the Navy, the wider NSS and the civil space community as listed in enclosure (1).

4. Policy. The Navy will (1) integrate the essential capabilities provided by space systems at every appropriate level throughout the naval force; shape the outcome of joint deliberations on future space system capabilities to ensure the combat effectiveness of naval forces; recruit, educate, qualify, and retain a professional space cadre in accordance with reference (a). The Navy Space Cadre includes active duty and reserve enlisted, officer, and civilian personnel who possess specialized expertise in Navy space and NSS.

5. Responsibilities. In order to implement this policy the following Navy Space Team responsibilities are assigned:

a. Assessments and Requirements. The CNO will oversee and coordinate Navy participation in NSS activities in accordance with references (a) through (e) and (k). This requires coordination across the broad spectrum of assessments, requirements, S&T, research and development (R&D), acquisition, operations, experimentation, and training.

(1) The Deputy Chief of Naval Operations (DCNO) (Manpower, Personnel, Training and Education) (N1)) is responsible for:

(a) Managing the Navy Space Cadre to include designating the Navy Space Cadre Advisor to act in a virtual community manager role for the Space Cadre.

(b) Developing and maintaining a sufficient cadre of space-qualified personnel to support the Navy in space planning, programming, budgeting and execution, acquisition, and

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operations, and represent the Navy in DOD-wide planning, programming, and acquisition activities.

(c) Advising and supporting the Assistant Secretary of the Navy (Manpower and Reserve Affairs) (ASN(M&RA)) on matters of policy and implementation for civilian and military members of the Space Cadre in both the active and reserve components within the scope of reference (a).

(d) Coordinating CNO (N6), NNWC, PEO Space Systems and Space and Naval Warfare Systems Command Space Field Activity (SSFA) for Space Cadre development and requirements.

(e) Coordinating with the Deputy Commandant of the Marine Corps Plans Policy and Operations (DC,PP&O) on matters pertaining to DON-level strategies and standards for Space Cadre.

(2) The Director of Naval Intelligence (CNO (N2)) is responsible for:

(a) Advocating and articulating Navy space-related Intelligence, Surveillance and Reconnaissance (ISR) needs and requirements in coordination with CNO (N6) to ensure seamless integration with Navy's warfighting Battlespace Awareness (BA) requirements.

(b) Advising and representing OPNAV staff and other DON leadership as appropriate at key Intelligence community (IC) and Joint forums and actions related to Navy ISR.

(c) As directed in reference (i), advise Under Secretary of Defense (Intelligence) (USD(I)) on Navy ISR requirements for space.

(d) Developing in coordination with CNO (N6) a Navy ISR strategy that fully leverages space-based assets and is consistent with DON Space Policy.

(e) In coordination with CNO (N6), Space and Naval Warfare Systems Command (SPAWAR) and NNWC will support the development of a Navy ISR architecture, to include incorporation of NSS capabilities.

(3) CNO (N6) is responsible for:

(a) Leading the Navy Space Team for the CNO. This includes serving, along with Marine Corps DC, PP&O, as the principal military advisor to the Secretary of the Navy staff for executing the following responsibilities:

1. Review and formulation of Navy Space Policy.
2. Oversight of Navy space activities.
3. Representation and advocacy of Navy space-related requirements and issues to the Office of the Secretary of Defense and other Services.
4. Communication of Navy space requirements and issues to the DOD Executive Agent for Space (DOD EA for Space).
5. Any other departmental space matter not specifically delegated to an Assistant Secretary of the Navy.

(b) Developing Navy requirements and making resource recommendations for space systems R&D, testing and evaluation and acquisition; related military construction; space-related doctrine, education, and training requirements and standards; and space-related strategy and operations.

(c) Providing (in coordination with the Deputy Chief of Naval Operations (Information, Plans and Strategy) (CNO (N3/N5)), space strategies, plans, and (in coordination with ASN(RDA)) associated program information to the DOD EA for Space for integration into the NSS plan and to support DOD-wide space planning, programming, and acquisition.

(d) Coordinating with and supporting the National Security Space Office (NSSO) as appropriate.

(e) Acting as resource sponsor and, in coordination with the Deputy Chief of Naval Operations (Integration of Capabilities and Resources) (CNO (N8)), validating space-related requirements, determining where space is the preferred solution and identifying specific requirements for space systems.

(f) Submitting space capability needs, operational requirements and interoperability requirements to the DOD EA for Space for integration into space plans and major space program

requirements/capabilities documents as well as associated acquisition programs per reference (c).

(g) Continuing to fund appropriate space acquisition programs to meet Joint/Service requirements.

(h) Providing management support resources for the Navy Space Cadre in coordination with ASN(M&RA), per reference (a), CNO (N1) and NNWC, as appropriate.

(i) Supporting CNO (N2) in development of a Navy ISR strategy that fully leverages space-based assets and is consistent with DON Space Policy strategic ISR efforts and ISR policy.

(j) Providing a long-term resource management plan for space investments, coordinating S&T requirements with Director of Test and Evaluation and Technology Requirements (CNO (N091)).

(k) Coordinating with Space Cadre Advisor, CNO (N1), and ASN(M&RA) for Space Cadre development and requirements.

(l) Supporting CNO (N8) to ensure that space capabilities are realistically assessed in the Naval Capabilities Development Process (NCDP) in order to identify capability gaps and shortfalls in the planning and budgeting process.

(m) Including, under FORCEnet, the appropriate integration of space capabilities into the warfighting requirements, architecture and design of all Navy networks, sensors, weapons, and platforms in support of Sea Power 21.

(n) Overseeing the Navy Tactical Exploitation of National Capabilities (TENCAP) Office.

(4) The DCNO (Integration of Capabilities and Resources) (CNO (N8)) is responsible for:

(a) Making resource decisions with full consideration of the capabilities, limitations, and necessity of relevant space assets.

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(b) Including the appropriate representation of space capabilities into the campaign and mission modeling and simulations for Navy networks, sensors, weapons, and platforms.

(5) The Oceanographer of the Navy Branch (CNO (N84)) is responsible for coordinating, as appropriate, the space related parts of the Navy's Oceanography and Navigation Programs with the National Oceanographic and Atmospheric Administration (NOAA), National Aeronautics and Space Administration (NASA), National Geospatial-Intelligence Agency (NGA) and appropriate agencies of the DOD, IC, allies, and coalition partners to address Navy environmental remote sensing, Meteorology, Oceanography (METOC), hydrography, navigation, precise time, and astrometry requirements.

b. Operations

(1) The Commander, U.S. Fleet Forces Command (FFC), is responsible for collecting and consolidating all fleet requirements and working with CNO (N6) as CNO (N6 and N8) determines through analysis which fleet maritime requirements are best supported by space systems.

(2) Commander, Naval Network Warfare Command (NNWC) is responsible for:

(a) Acting as the Space Type Commander (TYCOM) and Space Cadre Functional Authority in accordance with reference (k).

(b) Operating assigned space systems as an integral element of network operations and associated space control activities. Providing other space expertise, support, products and services as required in support of reference (f).

(c) Developing functional concepts to make space tactically relevant for fleet forces, to include supporting fleet exercises that demonstrate tactical space capabilities. Documenting evolved space-related concepts of operations, doctrine and tactics, techniques and procedures.

(d) Supporting FFC in the identification of Navy needs best supported by space systems and assessing space capabilities and performance.

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(e) Supporting CNO (N6) and U.S. Strategic Command (USSTRATCOM) via FFC in the representation and advocacy of space related needs. Coordinating Navy space related participation in wargames.

(f) Developing, maintaining and overseeing the Navy Space Human Capital Strategy, reference (l), in coordination with ASN (M&RA), CNO (N6 and N1), SSFA, PEO Space Systems and the Space Cadre Advisor. Coordinating with the fleet on best distribution of space expertise in afloat billets.

(g) Overseeing space cadre development and space-related education and training for the fleet, including developing guidelines, standards and measures of effectiveness. Supporting the fleet and appropriate commands and schools in development of space training curricula and materials, as required.

(h) Acting as the United States Navy functional component to USSTRATCOM for Space via FCC. Supporting USSTRATCOM Joint Functional Component Command for Space (JFCC-Space), as required.

(i) Representing the Navy in the DOD Space Science and Technology Summit process in accordance with reference (m).

(3) Commander, Naval Meteorology and Oceanography Command (METOC) is responsible for developing and submitting operational and R&D space based METOC sensing requirements to FFC.

(4) Commander, Reserve Space and Network Warfare Program is responsible for sponsoring the reserve Space Cadre and supporting the Navy Space Team in accordance with reference (n).

(5) The Naval Historical Center is responsible for:

(a) Documenting and disseminating the accomplishments and contributions of the Navy to DOD space activities, with specific emphasis on how space capabilities impact Navy operations.

(b) Coordinating events to acknowledge specific contributions and/or space cadre, and publishing documents.

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c. Science and Technology. The Office of Naval Research (ONR), Naval Research Lab (NRL) and the Naval Space Research Office (NSRO) are subordinate to ASN (RDA) and form the S&T part of the Navy Space Team. Key responsibilities with regard to space are addressed in references (a), (m), and (o).

d. Acquisition. PEO Space Systems, PEO C4I and Space, SPAWAR, SSFA, and NNCG, under the purview of ASN(RDA), comprise the acquisition part of the Navy Space Team. Key responsibilities are addressed in references (a), (c), (d), and (p) through (r).



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**Table of National Security Space (NSS)/Civil Space  
and Navy Counterparts**

National Security Space/Civil Space	Navy
Under Secretary of the Air Force (USecAF)	Under Secretary of the Navy
Director of the NRO	CNO (N2)
Deputy for Military Space, Office of the Under Secretary of the Air Force	CNO (N6)
Under Secretary of Defense for Intelligence	CNO (N2)
Director of National Intelligence	CNO (N2)
Commander, US Strategic Command	Commander, NAVNETWARCOM (Space issues)
US Strategic Command, JFCC for Space	Commander, NAVNETWARCOM
NRO Directorates & Offices DDMS, IMINT, SIGINT, COMM, AS&T, OSO	SPAWAR Space Field Activity
National Security Space Office	CNO (N6)
Director, Space Acquisition (SAF/USA)	DASN (C4I and Space) PEO (Space Systems) PEO (C4I)
AF Program Executive Office for Space	PEO (Space Systems) PEO (C4I)
Air Force Space Command (AFSPC)	Commander, NAVNETWARCOM
AFSPC/Director of Air, Space and Information Operations (A3)	NAVNETWARCOM N3
AFSPC/Directorate of Plans, Programs, Analysis, Assessments and Lessons Learned (A8A9)	CNO (N6F) NAVNETWARCOM N8
AFSPC/Directorate of Requirements (A5)	CNO (N6F) NAVNETWARCOM N8
Director, Air Force Research Laboratory	Chief of Naval Research
Under Secretary of Commerce for Oceans and Atmosphere/NOAA administrator	Oceanographer of the Navy (CNO (N84))
US Intelligence Agencies	CNO (N2)