



Department of Defense

DIRECTIVE

NUMBER 5101.02E
January 25, 2013

DA&M

SUBJECT: DoD Executive Agent (EA) for Space

References: See Enclosure 1

1. PURPOSE. This Directive:

a. Reissues DoD Directive (DoDD) 5101.2 (Reference (a)) to update policy, functions and responsibilities, relationships, and authorities for the DoD EA for Space and the Defense Space Council (DSC).

b. Continues the designation of the Secretary of the Air Force as the DoD EA for Space, in accordance with DoDD 5101.1 (Reference (b)).

c. Designates the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)) as the OSD focal point for space programs, and assigns the USD(AT&L) as the OSD Principal Staff Assistant (PSA) to oversee the activities of the DoD EA for Space, in accordance with Reference (b).

d. Incorporates and cancels Deputy Secretary of Defense Memorandum (Reference (c)).

2. APPLICABILITY. This Directive applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this Directive as the "DoD Components").

3. POLICY. It is DoD policy that:

a. Defense space strategies, architectures, and programs are coherently developed, in an effective, efficient, and affordable manner, to provide operational space force capabilities and ensure unity of effort in developing the space power needed to achieve national security objectives.

b. The DSC, established in accordance with the process of DoD Instruction (DoDI) 5105.18 (Reference (d)):

(1) Serves as the principal advisory forum to inform, coordinate, or resolve all Defense space issues.

(2) Leads change throughout the DoD on space issues and policies.

(3) Oversees DoD implementation of the National Security Space Strategy (NSSS) (Reference (e)).

(4) Synchronizes Defense space activities and promotes unity of effort within the DoD working with the OSD PSAs and other U.S. Government agencies, consistent with National Security Space strategic objectives.

c. DoD Component cooperation with the DoD EA for Space enables the DoD to achieve unity of effort, eliminate duplication of effort, and ensure that DoD-wide strategy, planning, and programming are effective.

4. RESPONSIBILITIES. See Enclosure 2.

5. RELATIONSHIPS

a. In performing assigned responsibilities, the DoD EA for Space:

(1) Is subject to the authority, direction, and control of the Secretary of Defense and Deputy Secretary of Defense, in accordance with section 113 of Title 10, United States Code (Reference (f)).

(2) Promotes unity of effort across the DoD space enterprise as the single official with primary responsibility for achieving this outcome. Unity of effort is normally addressed by the DSC, but can also be pursued through independent DoD EA for Space initiatives.

(3) Collaborates with and supports the USD(AT&L) in his or her role as the OSD focal point for space programs. Additionally, coordinates with the USD(AT&L) regarding actions that may affect defense non-intelligence related space matters in accordance with DoDD 5144.1 (Reference (g)) and Deputy Secretary of Defense Memorandum (Reference (h)).

(4) Coordinates with the DoD Component Heads on their space program science and technology, research, development, test and evaluation, production, operations, and sustainment programs to eliminate duplication of effort and ensure that resources are used to achieve maximum effect. Such actions shall be coordinated with the USD(AT&L) and the Assistant Secretary of Defense for Research and Engineering.

(5) Supports the DSC with program analysis and evaluation of space policy, plans, programs, and resources and provides information on such support to the USD(AT&L), the Under Secretary of Defense for Intelligence (USD(I)), and the DoD Chief Information Officer (DoD CIO).

(6) As DSC chair, in coordination with the Under Secretary of Defense for Policy (USD(P)), and in support of the DSC, consults with other federal agencies, as well as State, commercial, and international organizations on select space matters.

(7) Coordinates with the USD(I) regarding Defense Intelligence and intelligence-related space matters conducted in accordance with DoDD 3100.10 and DoDD 5143.01 (References (i) and (j)) and facilitates increased cooperation with the Intelligence Community (IC), also in coordination with the USD(I).

b. The DSC is the principal advisory forum on all space matters as described in Enclosure 3.

6. **RELEASABILITY. Unlimited.** This Directive is approved for public release and is available on the Internet from the DoD Issuances Website at <http://www.dtic.mil/whs/directives>.

7. **EFFECTIVE DATE.** This Directive:

a. Is effective January 25, 2013.

b. Must be reissued, cancelled, or certified current within 5 years of its publication in accordance with DoDI 5025.01 (Reference (k)). If not, it will expire effective January 25, 2023 and be removed from the DoD Issuances Website.



Ashton B. Carter
Deputy Secretary of Defense

Enclosures

1. References
2. Responsibilities
3. Operation of the DSC

Glossary

ENCLOSURE 1

REFERENCES

- (a) DoD Directive 5101.2, "DoD Executive Agent for Space," June 3, 2003 (hereby cancelled)
- (b) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002, as amended
- (c) Deputy Secretary of Defense Memorandum, "Operation of the Defense Space Council," November 22, 2011 (hereby cancelled)
- (d) DoD Instruction 5105.18, "DoD Intergovernmental and Intragovernmental Committee Management Program," July 10, 2009, as amended
- (e) National Security Space Strategy Unclassified Summary, January 2011
- (f) Sections 113 and 181 of Title 10, United States Code
- (g) DoD Directive 5144.1, "Assistant Secretary of Defense for Networks and Information Integration/DoD Chief Information Officer (ASD(NII)/DoD CIO)," May 2, 2005
- (h) Deputy Secretary of Defense Memorandum, "Disestablishment of the Assistant Secretary of Defense for Networks and Information Integration (ASD(NII) and Related Matters," January 11, 2012
- (i) DoD Directive 3100.10, "Space Policy," October 18, 2012
- (j) DoD Directive 5143.01, Under Secretary of Defense for Intelligence (USD(I)), November 23, 2005
- (k) DoD Instruction 5025.01, "DoD Directives Program," September 26, 2012
- (l) DoD Instruction 7650.02, "Government Accountability Office (GAO) Reviews and Reports," November 20, 2006
- (m) DoD Directive 5106.01, "Inspector General of the Department of Defense (IG DoD)," April 20, 2012
- (n) DoD Directive 5134.01, "Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)), December 9, 2005, as amended
- (o) DoD Instruction 5000.02, "Operation of the Defense Acquisition System," December 8, 2008
- (p) DoD Directive 5111.1, "Under Secretary of Defense for Policy," December 8, 1999
- (q) DoD Directive 5111.18, "Assistant Secretary of Defense for Global Strategic Affairs (ASD(GSA)), June 13, 2011
- (r) DoD Directive 5100.01, "Functions of the Department of Defense and Its Major Components," December 21, 2010
- (s) DoD Directive 5205.07, "Special Access Program (SAP) Policy," July 1, 2010
- (t) DoD Directive 5105.79, "DoD Senior Governance Councils," May 19, 2008

ENCLOSURE 2

RESPONSIBILITIES

1. SECRETARY OF THE AIR FORCE. In accordance with applicable law and pertinent federal and DoD policies and regulations, the Secretary of the Air Force, as the DoD EA for Space:

a. Exercises DoD-wide responsibilities for the development of long-term space mission-area capability architectures including:

(1) Integrating and assessing the overall Defense space program by consolidating Military Department, Defense Intelligence, and other Defense space and space-related program data by assessing the information compiled to inform and advise the DoD leadership of redundancies and gaps, and to provide options and recommendations for program execution and adjustments, as appropriate.

(2) Developing Defense space architecture alternatives that identify new and innovative approaches and opportunities to leverage other U.S. Government, international, and commercial capabilities, cross-domain capabilities, resilience, reconstitution, and augmentation capabilities.

(3) Normally serving as the primary action office (PAO) for Government Accountability Office Defense space-related studies, investigations, and audits, in accordance with DoDI 7650.02 and DoDD 5106.01 (References (l) and (m)). Should the Office of the Inspector General of the Department of Defense designate another space-related PAO, the DoD EA for Space will be designated as a collateral action office, in accordance with Reference (l).

b. Reviews and assesses the Space Virtual Major Force Program (MFP), in coordination with the DoD and OSD Component Heads. Recommends DoD-wide space and space-related planning and programming guidance to the USD(AT&L), USD(P), USD(I), and Director of Cost Assessment and Program Evaluation (DCAPE) for consideration in their formulation of planning and programming guidance documents. These planning and programming guidance recommendations and associated activities include:

(1) Integrating, assessing, and collating issue papers and other reports to support analysis and evaluation of programs.

(2) Recommending to the USD(AT&L), USD(I), and DCAPE changes to the content of the Space Virtual MFP.

(3) Providing options for program execution and adjustments based on architecture and affordability assessments.

(4) In coordination with the USD(P) and other OSD PSAs, as appropriate, overseeing the implementation of the NSSS and recommending to the Deputy Secretary of Defense additional NSSS implementation guidance, as necessary.

c. Serves as chair of the DSC. The DSC chair acts as primary advisor to the Deputy's Management Action Group (DMAG), the Joint Requirements Oversight Council (JROC) in accordance with section 181 of Reference (f), the Defense Acquisition Board (DAB), and senior DoD officials, including the Secretary and Deputy Secretary of Defense, the OSD PSAs, and the Chairman and Vice Chairman of the Joint Chiefs of Staff, on all space matters, including policies, strategies, plans, programming, and architecture assessment across the Defense space enterprise.

d. Advocates Defense space programs to Congress, regarding matters for which he or she is assigned in this Directive, in coordination with the OSD focal point for space programs and with other OSD PSAs, as appropriate.

e. Establishes and maintains, in consultation with the USD(AT&L), a joint space office, referred to as the DoD EA for Space Staff, under the Secretary of the Air Force, to support the work of the DSC and the DoD EA for Space.

(1) The primary functions of the joint DoD EA for Space Staff are:

(a) Providing routine staff support to the DoD EA for Space.

(b) Supplying, in coordination with OSD and other staffs, integrated advice to DSC members in the performance of their assigned responsibilities, and ensuring coordination across multiple policy, programmatic, resourcing, and interagency functions.

(c) Planning and analyzing Defense space architectures.

(d) Developing, managing, assessing, integrating, and overseeing functional architectures, in accordance with the direction of the DSC or other senior-level DoD decision-making bodies.

(2) The DoD EA for Space Staff:

(a) Is jointly manned by representatives of each Military Department.

(b) Coordinates with the USD(AT&L) in his or her capacity as the OSD focal point for space programs.

(c) Provides the DoD EA for Space contribution to the DSC Secretariat in the execution of its functions, as described in section 5 of Enclosure 3 of this Directive.

(d) Consults and collaborates with IC staffs, as directed by the DoD EA for Space, in coordination with the offices of the USD(I) and the USD(AT&L).

f. Performs other tasks as assigned by the Secretary or Deputy Secretary of Defense.

2. USD(AT&L). The USD(AT&L) serves as the OSD focal point for space programs, by carrying out the space-related duties and responsibilities assigned in DoDD 5134.01 (Reference (n)), Reference (i), Reference (g) (as directed in Reference (h)), and DoDI 5000.02 (Reference (o)), and in coordination with the other OSD stakeholders, as appropriate.

a. Designates USD(AT&L) staff personnel to serve jointly with the DoD EA for Space staff as the DSC Secretariat.

b. Oversees the Space Virtual MFP and space architecture development.

c. Advocates DoD space acquisition programs, as appropriate, to Congress.

d. Serves as the OSD PSA who assesses the DoD EA for Space, in accordance with Reference (b), including, but not limited to, overseeing implementation and coordination of Defense space issues.

e. Serves as the OSD PSA for non-intelligence space activities, in accordance with References (g) and (h).

3. USD(P). The USD(P) serves as the OSD PSA for space policy activities, in accordance with Reference (i) and DoDDs 5111.1 and 5111.18 (References (p) and (q)).

4. USD(I). The USD(I) serves as the OSD PSA for space intelligence activities, in accordance with References (i) and (j).

5. DOD COMPONENT HEADS. The DoD Component Heads:

a. Implement their space responsibilities, functions, and authorities, in accordance with this Directive, and as prescribed by law, Executive Order, DoDD 5100.01 (Reference (r)), or other DoD guidance.

b. Participate in the Defense space architecture, planning, and programming activities of the DoD EA for Space. In support of these activities, provide to the DoD EA for Space Defense space information regarding:

(1) Space science and technology priorities, programs, and funding.

(2) Operational requirements for space and space-related systems.

(3) Strategies, plans for space systems, force structure, capabilities, measures of performance, and schedules.

(4) Approved programmatic and budget data for space programs as agreed to by the DoD Component's DSC member.

(5) Approved Defense space acquisition program data.

(6) Readiness of space capabilities, when there are implications that may assist the DoD EA for Space in addressing a space system deficiency.

(7) Operations, technical, and system concepts for space and space-related systems.

c. Provide space strategies, plans, and program information to the DoD EA for Space for review, coordination, and integration into architectures, plans, and assessments to support the planning, programming, budgeting, and execution (PPBE) process, including a program objective memorandum (POM) submission or such other mutually agreeable mechanisms, as established by the DoD EA for Space and the DoD Component Heads.

d. Develop DoD Component requirements and concepts for space systems; space doctrine, education, and training requirements and standards; space research, development, testing, evaluation, and acquisition; related logistics and military construction; and space-related strategy and operations. In coordination with the appropriate DoD Components, provide such information to the DoD EA for Space. Where appropriate, use established DoD processes for the development of joint doctrine, training, and strategies.

e. Develop, maintain, and manage a sufficient cadre of space-qualified personnel to support their DoD Component in space planning, programming, acquisition, and operations. Support the DoD EA for Space with space cadre personnel to represent their Component in DoD-wide architecture, planning, programming, and assessment activities.

f. Recommend space and space-related planning and programming guidance for DoD Component programs to the USD(P) and the DCAPE for consideration in their formulation of planning and programming guidance documents, in consultation with the OSD PSAs.

g. Continue to research, develop, test and evaluate, acquire, operate, and sustain space programs that meet DoD Component requirements; and submit such program information to the DoD EA for Space, for potential inclusion in the Space Virtual MFP, in accordance with this Directive.

h. Advise the DoD EA for Space and DSC on POM issues that significantly change any program subject to review during the program assessment for space.

i. Identify, discourage, and reduce potential duplication of effort with respect to space processes and activities.

j. Ensure the full cooperation of personnel under their control with the DoD EA for Space, and his or her staff, to enable the DoD to achieve unity of effort, eliminate duplication of effort, and ensure that DoD-wide strategy, planning, and programming are effective and affordable.

6. COMMANDER, UNITED STATES STRATEGIC COMMAND (CDRUSSTRATCOM). In addition to the responsibilities in section 5 of this enclosure, the CDRUSSTRATCOM reviews DoD Component programs and Combatant Command needs, and provides an integrated, prioritized assessment in support of annual planning efforts to the DoD EA for Space, and submits recommendations on priorities for space needs to the DoD Components.

7. DIRECTOR, DOD SPECIAL ACCESS PROGRAMS CENTRAL OFFICE (DOD SAPCO). The Director, DoD SAPCO, serves as the focal point for managing Special Access Program (SAP) information and attendee accesses at any DSC meetings that include SAP topics and information, in accordance with DoDD 5205.07 (Reference (s)).

ENCLOSURE 3

OPERATION OF THE DSC

1. DSC MEMBERSHIP

a. The DSC chair is the DoD EA for Space.

b. Members of the DSC include representatives, at the Assistant Secretary, Deputy Under Secretary, Military O-9 officer, or equivalent-level, of the following organizations:

(1) Office of the USD(AT&L).

(2) Office of the USD(P).

(3) Office of the Under Secretary of Defense (Comptroller)/Chief Financial Officer, Department of Defense (USD(C)/CFO)).

(4) Office of the USD(I).

(5) Joint Staff.

(6) United States Strategic Command.

(7) Office of the Under Secretaries of the Military Departments.

(8) Office of the DCAPE.

(9) Office of the General Counsel of the Department of Defense.

(10) Office of the DoD CIO.

(11) National Reconnaissance Office.

c. A representative of the Office of the Director of National Intelligence, at a level appropriate to that identified in paragraph b of this section, may be invited to attend meetings of the DSC.

d. Other officials from within the DoD and the U.S. Government may be invited by the chair (e.g., DoD SAPCO), as required.

2. DSC FUNCTIONS AND RESPONSIBILITIES. The DSC serves as the principal advisory forum on all Defense space matters for the DoD EA for Space, the DoD Component Heads, and

the OSD PSAs to facilitate the fulfillment of their collective space program functions and responsibilities, which include responsibility to:

a. Provide recommendations to establish, cancel, consolidate, realign, and manage Defense space and Defense elements of National Security Space subordinate deliberative and advisory bodies consisting of full-time and permanent part-time federal employees, in accordance with Reference (d), to rationalize and streamline space governance while allowing for appropriate interagency participation.

b. Facilitate the oversight of Defense space and Defense elements of National Security Space by the OSD PSAs with related functional responsibilities.

c. Develop, coordinate, and recommend Defense space priorities.

d. Develop, coordinate, and provide strategic guidance for Defense space systems and for Defense space planning and programming.

e. Assess and guide Defense space requirements, plans, programs, and architectures.

f. Promote cooperation between the Defense and Intelligence space sectors to create effectiveness and efficiency in Defense and IC space programs.

g. Align DoD requirements, PPBE guidance, and acquisition with Defense and National Security Space strategy, policy, and resources.

h. Synchronize Defense space activities and promote unity of effort within the DoD and the U.S. Government, consistent with National Security Space strategic objectives.

i. Identify and prepare issues for Secretary of Defense and Deputy Secretary of Defense-level review and decision, using the governance structure in accordance with DoDD 5105.79 (Reference (t)).

j. Oversee Defense space and Defense elements of National Security Space subordinate deliberative and advisory bodies and working groups as established by the DSC chair.

3. DSC CHAIR AUTHORITIES. The DSC chair is authorized to:

a. Develop the agenda and convene meetings of the DSC.

b. Organize and establish a sub-council/committee structure of the DSC to develop issues for the Council.

c. Oversee a joint DoD EA for Space Staff that is established to support the work of the DoD EA for Space and, together with the USD(AT&L) staff, provide the Secretariat for the DSC.

d. In coordination with the USD(P), when appropriate, communicate with DoD and other government officials on matters relating to Defense space and the Defense portions of National Security Space.

e. Advise the DMAG, the JROC, the DAB, and those officials such as the USD(AT&L), the USD(C)/CFO, the USD(I), the DCAPE, and the DoD CIO, whose functions and responsibilities rely on fully coordinated and integrated data, to support their Defense space program responsibilities.

4. DOD EA FOR SPACE FUNCTIONS AND RESPONSIBILITIES. The DoD EA for Space, through the DSC:

a. Integrates and assesses the overall Defense space program by consolidating Military Department, Defense Intelligence, and other Defense space and space-related program data, and by assessing the information compiled to inform and advise the DoD leadership of redundancies and gaps, and to provide options and recommendations for program execution and adjustments, as appropriate.

b. Reviews the Space Virtual MFP, in coordination with the USD(AT&L), the other OSD and DoD Components, and the IC. As appropriate, provides recommended adjustments to the Space Virtual MFP for consideration in Military Service POMs or within the program and budget review.

c. Facilitates increased cooperation with the IC, in coordination with the USD(I).

d. Conducts integrated long-term analyses, studies, space-system planning, and associated system architecture development, in coordination with the DSC.

e. Advocates that resilience is incorporated in all new space architecture studies and programs undergoing an analysis of alternatives. This common framework enables the DoD to identify key knowledge points and make important trades between performance, affordability, and resilience.

5. DSC SECRETARIAT FUNCTIONS AND RESPONSIBILITIES. The DSC Secretariat, jointly manned by elements of the staffs of the DoD EA for Space and the USD(AT&L) as the OSD focal point for space programs, supports DSC administration and meeting preparation, issues deliberative material, and distributes information. The DSC Secretariat has primarily administrative and interface roles, including:

a. Developing, administering, and publicizing DSC business rules; soliciting stakeholder input for DSC topics and issues; providing a process for stakeholder action officer interaction and coordination in advance of DSC+1 meetings; and providing regular updates, feedback, and information, as required.

- b. Publicizing DSC recommendations.
- c. Developing and publicizing DSC administrative procedures.
- d. Providing necessary continuity and point-of-contact information for DSC member organizations.
- e. Conducting DoD EA for Space and DSC pre-briefs, to ensure format, content, and appropriate presentation.
- f. Coordinating with the DoD EA for Space Staff and, when designated, DSC member staff leads on tasks supporting the DoD EA for Space or the DSC.
- g. Maintaining liaison with the DSC members.
- h. Maintaining a central and integrated database and knowledge management system directly supporting the DSC advisory process.
- i. Recording DSC meeting minutes and distributing them to DSC members.
- j. Recording and tracking DSC actions.
- k. Maintaining DSC historical records.
- l. Coordinating with the Director, DoD SAPCO, on the management of SAP information and meeting attendance when the DSC includes SAP topics and information.

GLOSSARY

PART I. ABBREVIATIONS AND ACRONYMS

CDRUSSTRATCOM	Commander, United States Strategic Command
DAB	Defense Acquisition Board
DMAG	Deputy's Management Action Group
DCAPE	Director of Cost Assessment and Program Evaluation
DoD CIO	DoD Chief Information Officer
DoD SAPCO	DoD Special Access Programs Central Office
DoDD	DoD Directive
DoDI	DoD Instruction
DSC	Defense Space Council
EA	Executive Agent
IC	Intelligence Community
JROC	Joint Requirements Oversight Council
MFP	Major Force Program
NSSS	National Security Space Strategy
PAO	primary action office
POM	program objective memorandum
PPBE	planning, programming, budgeting, and execution
PSA	Principal Staff Assistant
SAP	Special Access Program
USD(AT&L)	Under Secretary of Defense for Acquisition, Technology, and Logistics
USD(C)/CFO	Under Secretary of Defense (Comptroller)/Chief Financial Officer
USD(I)	Under Secretary of Defense for Intelligence
USD(P)	Under Secretary of Defense for Policy

PART II. DEFINITIONS

These terms and their definitions are for the purposes of this Directive.

affordability. A determination that the total life-cycle costs of a system are within the means of long-range resource plans when considering all other resource demands and plans.

national security space. The space-related systems, services, capabilities, and associated information systems and networks of the DoD and the national IC that support U.S. national security and enable defense and intelligence operations during times of peace, crisis, or conflict. The Secretary of Defense may designate other space-related systems as national security space systems in coordination with the system owner.

resilience. The ability of an architecture to support the functions necessary for mission success with higher probability, shorter periods of reduced capability, and across a wider range of scenarios, conditions, and threats, in spite of hostile action or adverse conditions. Resilience may leverage cross-domain or alternative government, commercial, or international capabilities.

space power. The total strength of a nation's capabilities to conduct and influence activities to, in, through, and from the space medium to achieve its objectives.

space systems. All of the devices and organizations forming the space network. These consist of: spacecraft; mission package(s); ground stations; data links among spacecraft, ground stations, mission or user terminals, which may include initial reception, processing, and exploitation; launch systems; and directly related supporting infrastructure, including space surveillance and battle management/command, control, communications, and computers.