

**BY ORDER OF THE
SECRETARY OF THE AIR FORCE**

**HEADQUARTERS AIR FORCE
MISSION DIRECTIVE 2-4**



24 APRIL 2023

Special Management

***DEPUTY CHIEF OF SPACE
OPERATIONS FOR INTELLIGENCE***

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(Maj Gen Gregory J. Gagnon)

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1. Mission. The Deputy Chief of Space Operations (DCSO) for Intelligence (SF/S2), pursuant to Title 10 United States Code (USC) Sections (§§) 9013 and 9081-9084 and this Headquarters Air Force Mission Directive (HAFMD), assists the Secretary of the Air Force (SecAF), the Under Secretary of the Air Force (USecAF), other Secretariat offices, and the Chief of Space Operations (CSO) in carrying out the intelligence, surveillance, and reconnaissance (ISR) mission by developing and overseeing policies to organize, train, and equip those forces for the United States Space Force (USSF). The SecAF retains ultimate responsibility for all policies related to the Department of the Air Force (DAF). The SF/S2 prepares USSF ISR policies for approval and issues guidance/procedures, via official DAF publications, to ensure implementation of those policies. The SF/S2 also assists the CSO in his/her/their role, pursuant to 10 USC §§ 151 and 9082, as a member of the Joint Chiefs of Staff.

2. Organizational Relationships. The SecAF is responsible for, and has all legal authority necessary to conduct, the affairs of the DAF. The Secretariat, the CSO, the Deputy Chiefs of Space Operations, and their respective staff offices perform their DAF functions subject to the authority, direction, and control of the SecAF.

2.1. The SF/S2 reports directly to the CSO, but provides support to the SecAF, the USecAF, other Secretariat offices, and other Office of the Chief of Space Operations (OCSO) staff offices. The OCSO is informally referred to as the Space Staff. The SecAF may re-delegate authority/assign responsibility to the SF/S2, but the SecAF, through the CSO and Assistant Secretaries of the Air Force, as appropriate, retains ultimate responsibility for all matters listed in **Attachment 1** of this publication.

2.2. The SF/S2 is part of the Space Staff and as such works closely with other HAF offices to assist the SecAF and CSO in carrying out their responsibilities. The SF/S2 and its directorates work in close cooperation with the Vice Chief of Space Operations (VCSO), Assistant Secretaries of the Air Force, the Space Staff Principals, and their respective offices, and, as appropriate, the Deputy Chiefs of Staff of the Air Force and their offices, which are responsible, pursuant to Chapters **903**, **908**, and **905** of Title 10 (10 USC §§ 9011- 9024, §§ 9081-9086, and §§ 9031- 9040), for assisting the SecAF and CSO in carrying out their responsibilities.

2.2.1. Pursuant to Headquarters Operating Instruction 90-1, HAFMDs and Department of Defense Issuances Program, two or more HAF 2-letter organizations with responsibilities in the same functional area are encouraged to develop standard operating procedures (SOPs) that set forth procedures enabling covered organizations to fulfill and carry out their respective missions, roles, and responsibilities. The SF/S2 has not entered into any SOPs with another HAF 2-letter organization; however, any future SOPs SF/S2 enters into will be included in **Attachment 3** of this publication.

2.3. The SF/S2 oversees the intelligence activities of Delta 18, also referred to as the National Space Intelligence Center (NSIC), which is subordinate to Space Operations Command, but functionally aligns to the SF/S2.

2.4. SF/S2 serves as Chief, USSF Service Cryptologic Component (SCC) and is the principal Space Force authority for all cryptologic matters. In this role, SF/S2 serves as the principal advisor to the Director, National Security Agency/Chief, Central Security Service (DIRNSA/CHCSS) for matters related to USSF cryptologic activities and retains management oversight for cryptologic activities performed by the USSF. SF/S2 is subordinate to DIRNSA/CHCSS for matters related to USSF cryptologic activities in accordance with Department of Defense Directive (DoDD) 5100.20, *National Security Agency/Central Security Service (NSA/CSS)*, and United States (U.S.) Signals Intelligence (SIGINT) directives.

3. Responsibilities. The SF/S2 is specifically responsible for:

3.1. Serving as the USSF's Head of the Intelligence Community Element (HICE), responsible for fulfilling service tasks and responsibilities flowing from Executive Order 12333, *U.S. Intelligence Activities*.

3.2. Serving as the functional authority for USSF ISR and force development of ISR Guardians.

3.3. Guiding and developing policies necessary to ensure effective organizing, training, and equipping of USSF intelligence functions/personnel.

3.4. Policy formulation, planning, evaluation, oversight, resource advocacy, and leadership of USSF ISR capabilities.

- 3.4.1. Supporting development and overseeing implementation of USSF ISR doctrine and requirements.
 - 3.4.2. Coordinating and prioritizing requests for resources necessary to meet USSF intelligence objectives.
 - 3.4.3. Planning, programming, resource allocation, and program evaluation for the National Intelligence Program (NIP) and the Military Intelligence Program (MIP) in support of USSF requirements.
 - 3.4.4. Leading the development of USSF policy and guidance, in coordination with legal counsel, to ensure USSF ISR activities comply with applicable U.S. and international law.
 - 3.4.5. Overseeing USSF compliance with intelligence and intelligence-related statutory requirements and USSF execution of intelligence and intelligence-related Intelligence Community (IC), Department of Defense (DoD), and DAF guidance and policies.
 - 3.5. Serving as the USSF ISR focal point within the DoD and for other government agencies.
 - 3.5.1. Integrating with DoD, IC, and other government organizations on matters pertaining to space ISR activities and assessment.
 - 3.5.2. Partnering with the other organizations that comprise the IC, including the Office of the Director of National Intelligence (ODNI) and Combat Support Agencies (Defense Intelligence Agency, National Security Agency/Central Security Service, and National Geospatial-Intelligence Agency) in order to conduct intelligence activities necessary for the conduct of foreign relations and the protection of the national security of the U.S.
 - 3.5.3. Serving as the USSF representative at the IC's Executive Committee and Deputies' Executive Committee.
 - 3.5.4. Formulating the Space Staff position on intelligence matters under consideration by the Joint Chiefs of Staff, National Security Council, and Congress, while acting as the single point of contact for space intelligence equities within the DAF.
 - 3.6. Overseeing, coordinating, and supervising USSF intelligence support to USSF acquisition, testing, operations and training to ensure accurate and consistent threat modeling, and coordinating with the Deputy Chief of Staff for Intelligence, Surveillance, Reconnaissance, and Cyber Effects Operations (AF/A2/6), as required, to ensure consistency within DAF on matters related to the development and implementation of digital standards for modeling and simulation supporting analysis and training.
 - 3.7. Providing tailored intelligence analytic support to SecAF, CSO, and their subordinate staffs on foreign space and counterspace capabilities and related issues.
 - 3.8. Serving as the USSF Geospatial Intelligence (GEOINT) Element to manage the USSF GEOINT Program, as well as USSF GEOINT analysis and production.
- 4. Delegations of Authority/Assignment of Responsibility:**
- 4.1. The authorities delegated and the responsibilities assigned to the SF/S2 by this mission directive are listed in **paragraph 3** and in **Attachment 1**. They may generally be re-delegated to other DAF officials, unless re-delegation is expressly prohibited by the attached delegation or superseding law, regulation, or DoD Issuance. While the authorities are delegated and

responsibilities are assigned to the SF/S2, the exercise of the authorities/responsibilities remain subject to the oversight and control of the SecAF, any Assistant Secretary of the Air Force having oversight, and the CSO, where applicable. Any re-delegation of authority/assignment of responsibility made shall not be effective unless it is in writing. Any person re-delegating authorities in accordance with this Directive may further restrict or condition the authority being re-delegated.

5. Continuation of Prior Re-Delegations of Authority/Assignments of Responsibility: Re-delegations of authority/assignments of responsibility made prior to the date of issuance of this HAFMD remain effective insofar as such re-delegations are not inconsistent with the terms of this HAFMD, unless superseded by new issuances.

Frank Kendall
Secretary of the Air Force

Attachment 1**DELEGATIONS OF SECRETARY OF THE AIR FORCE AUTHORITY AND
ASSIGNMENTS OF RESPONSIBILITY TO THE
DEPUTY CHIEF OF SPACE OPERATIONS FOR INTELLIGENCE (SF/S2)**

A1.1. —For USSF, authority relating to intelligence and intelligence-related activities for the National Technical Nuclear Forensics Program as delegated to the SecAF pursuant to DoDD S-2060.04, *DoD Support to the National Technical Nuclear Forensics (NTNF) Program (U)*, marked Secret.

A1.2. —For USSF, authority relating to intelligence mission assurance and continuity of intelligence operations and programs as delegated to the SecAF pursuant to Department of Defense Instruction (DoDI) 3020.39, *Mission Assurance Policy for the Defense Intelligence Enterprise (DIE)*.

A1.3. —For USSF, authority relating to SIGINT, with the exception of designation/appointment of commanders, as delegated to the SecAF pursuant to DoDI O-3115.07, *Signals Intelligence (SIGINT) (U)*.

A1.4. —For USSF, authority relating to the development, coordination and execution of Open Source Intelligence (OSINT) and representation on the Department of Defense Open Source Council, as delegated to the SecAF pursuant to DoDI 3115.12, *Open Source Intelligence (OSINT)*.

A1.5.—For USSF, authority relating to GEOINT related activities as delegated to the SecAF, pursuant to DoDI 3115.15, *Geospatial Intelligence (GEOINT)*.

A1.6.—For USSF, authority relating to the Defense Warning Network and related activities as delegated to the SecAF, pursuant to DoDD 3115.16, *The Defense Warning Network*.

A1.7.—For USSF, authority relating to All-Source Analysis activities as delegated to the SecAF, pursuant to DoDI 3115.17, *Management and Oversight of DoD All-Source Analysis*.

A1.8. —For USSF, authority relating to general intelligence training and certification, as delegated to the SecAF pursuant to DoDI 3305.02, *DoD General Intelligence Training and Certification*.

A1.9. —For USSF, authority relating to cryptologic training, accreditation, and certification, as delegated to the SecAF pursuant to DoDI 3305.09, *DoD Cryptologic Training*, and Department of Defense Manual (DoDM) 3305.09, *DoD Cryptologic Accreditation and Certification*.

A1.10. —For USSF, authority relating to the development and execution of GEOINT training and related Planning, Programming and Budgeting actions, pursuant to DoDI 3305.10, *Geospatial-Intelligence (GEOINT) Training*.

A1.11. —For USSF, authority relating to the review and approval of intelligence training, as delegated to the SecAF pursuant to DoDI 3305.12, *Intelligence and Counterintelligence (I&CI) Training of Non-U.S. Persons*.

A1.12. —For USSF, authority relating to the participation in Joint Intelligence Training, as delegated to the SecAF pursuant to DoDI 3305.14, *Joint Intelligence Training (JIT) and Certification*.

A1.13. —For USSF, responsibility to coordinate with AF/A2/6 on matters relating to the development and implementation of DoD Measurement and Signature Intelligence training, certification and related Planning, Programming and Budgeting actions, pursuant to DoDI 3305.16, *DoD Measurement and Signature Intelligence (MASINT) Training and Certification*.

A1.14. —For USSF, responsibility to coordinate with SF/TE on matters relating to the Foreign Materiel Program, pursuant to DoDD S-3325.01, *Foreign Materiel Program (FMP)*, and DoDI S-3325.04, *Implementation of the Foreign Materiel Program*.

A1.15. —For USSF, authority relating to intelligence collection management responsibilities and representation on the Defense Collection Management Board, as delegated to the SecAF pursuant to DoDI S-3325.08, *DoD Intelligence Collection Management (U)*, marked Secret.

A1.16. —For USSF, authority relating to the handling, use, release, availability, and withholding of limited distribution GEOINT, as delegated to the SecAF pursuant to DoDI 5030.59, *National Geospatial-Intelligence Agency (NGA) LIMITED DISTRIBUTION Geospatial Intelligence (GEOINT)*.

A1.17. —For USSF, authority relating to Critical Information Communications System activities, as delegated to the SecAF pursuant to DoDD O-5100.19, *Critical Information Communications (CRITICOMM) System*, marked For Official Use Only.

A1.18. —For USSF, authority relating to all cryptologic and cryptologic related activities to include operations, programming, budgeting, training, personnel, policy, doctrine, and foreign relationships as delegated to the SecAF pursuant to DoDD 5100.20, *The National Security Agency and the Central Security Service (NSA/CSS)*.

A1.19. —For USSF, authority relating to collaboration and coordination with, and support of, the Defense Special Missile and Aerospace Center for intelligence and intelligence-related activities, pursuant to DoDI S-5100.43, *Defense Special Missile and Aerospace Center (DEFSMAC) (U)*, marked Secret.

A1.20. —For USSF, authority relating to collaboration and coordination with, and support of, the Defense Intelligence Agency, as delegated to the SecAF pursuant to DoDD 5105.21, *Defense Intelligence Agency (DIA)*.

A1.21. —For USSF, authority relating to collaboration and coordination with, and support of, the National Reconnaissance Office for intelligence and intelligence-related activities, as delegated to the SecAF pursuant to DoDD 5105.23, *National Reconnaissance Office (NRO)*.

A1.22. —For USSF, authority relating to MASINT related activities, as delegated to the SecAF pursuant to DoDI 5105.58, *Management of Measurement and Signature Intelligence (MASINT)*.

A1.23. —For USSF, authority relating to collaboration and coordination with, and support of, the NGA, as delegated to the SecAF pursuant to DoDD 5105.60, *National Geospatial-Intelligence Agency (NGA)*.

A1.24. —For USSF, authority relating to collaboration and coordination with, and support of, the Under Secretary of Defense for Intelligence and Security, pursuant to DoDD 5143.01, *Under Secretary of Defense for Intelligence and Security (USD(I&S))*.

A1.25.—For USSF, authority relating to collaboration and coordination with, and support of, the Deputy Under Secretary of Defense for Intelligence and Security, pursuant to DoDD 5143.02, *Deputy Under Secretary of Defense for Intelligence and Security (DUSD(I&S))*.

A1.26. —For USSF, authority relating to intelligence oversight, as delegated to the SecAF pursuant to DoDD 5148.11, *Assistant to the Secretary of Defense for Intelligence Oversight (ATSD(IO))*.

A1.27. —For USSF, authority relating to the designation of a MIP manager and implementing and managing the MIP, as delegated to the SecAF pursuant to DoDD 5205.12, *Military Intelligence Program (MIP)*.

A1.28.—For USSF, responsibility for ensuring USSF compliance with DoDI 5210.45, *Personnel Security Policies and Procedures for Sensitive Cryptologic Information in the National Security Agency/Central Security Service*.

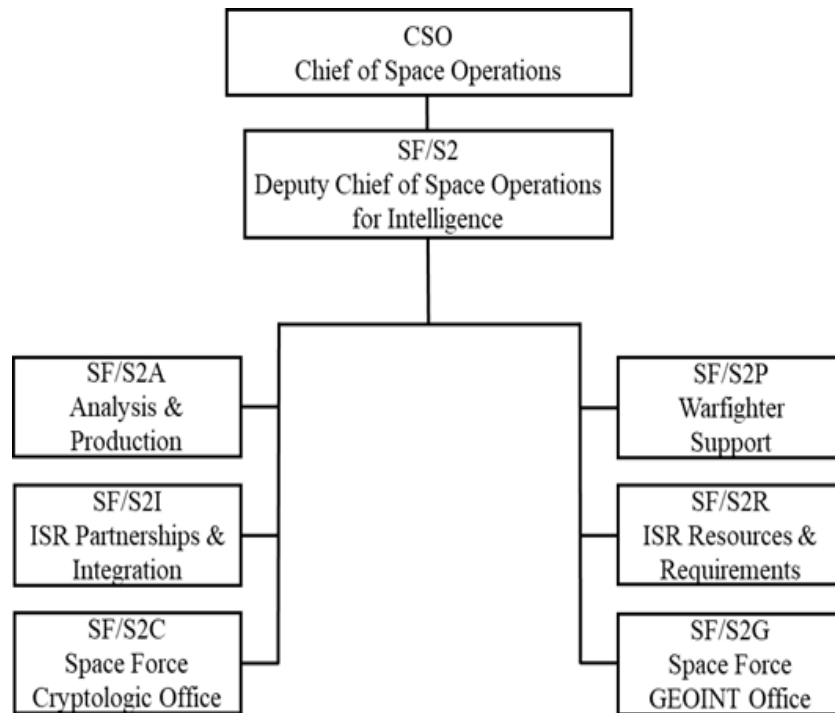
A1.29. —For USSF, authority relating to intelligence assets, capabilities, and activities, as delegated to the SecAF pursuant to DoDD 5240.01, *DoD Intelligence Activities*.

A1.30. —For USSF, authority related to the management of intelligence mission data, as delegated to the SecAF pursuant to DoDD 5250.01, *Management of Intelligence Mission Data (IMD) in DoD Acquisition*.

Attachment 2

DEPUTY CHIEF OF SPACE OPERATIONS FOR INTELLIGENCE

SF/S2



A2.1. Responsibilities. The SF/S2 is the USSF’s Senior Intelligence Officer (SIO) and Defense Intelligence Component Head and, as such, is responsible to the SecAF for delivering intelligence guidance, policies, and programming for the Space Force Intelligence Enterprise. As the USSF HICE, the SF/S2 is accountable to the Director of National Intelligence and is responsible for representing the USSF within the IC. SF/S2 executes all USSF intelligence activity responsibilities assigned to the SecAF as the Department Head or Service Secretary pursuant to all applicable intelligence-related laws, executive orders, and IC and DoD policies and guidance. SF/S2 serves as the focal point for foreign/adversary space/counter space capabilities analysis, assists the Space Operations Command (SpOC) in providing operationally ready ISR forces in response to the needs of the Combatant Commanders/Combat Support Agencies, and ensures those forces can provide necessary intelligence support for space missions.

A2.2. Subordinate offices include:

A2.2.1. Analysis and Production (SF/S2A). The Analysis and Production Division (SF/S2A) creates analytic and current intelligence products to inform the USSF senior leaders and Space Staff. S2A responsibilities include:

A2.2.1.1. Delivering recurring briefings to SecAF, CSO, VCSO, Deputy Chief of Space Operations for Operations, Cyber, and Nuclear (SF/COO), and other HAF Staff.

A2.2.1.2. Providing intelligence readbooks via tablet to senior USSF leaders – Joint Worldwide Intelligence Communications System distro to others.

A2.2.1.3. Publishing weekly Space Intelligence Digest consisting of “short form” analytic articles.

A2.2.1.4. Publishing in-depth “long form” analytic products and breaking “current intelligence” articles.

A2.2.1.5. Curating and providing intelligence products from other IC organizations.

A2.2.1.6. Fulfilling ad hoc support requests

A2.2.2. ISR Partnerships and Integration (SF/S2I). The Partnerships and Integration Division (SF/S2I) develops policy and provides guidance, and subject matter expertise regarding the integration of USSF ISR capabilities with DAF, DoD, IC, other governmental, commercial, and foreign partners. S2I responsibilities include:

A2.2.2.1. Developing and maintaining ISR related partnerships with DAF, DoD, IC, other governmental, commercial, and foreign partners.

A2.2.2.2. Developing policy and guidance regarding USSF use of OSINT and MASINT capabilities.

A2.2.2.3. Representing USSF Human Intelligence requirements to AF/A2/6 and at applicable DoD and IC forums.

A2.2.2.4. Preparing the S2 for HICE and service SIO forums and representing the S2 at IC and joint forums related to the integration of USSF ISR capabilities.

A2.2.2.5. In coordination with (ICW), SpOC, NSIC, AF/A2/6, NASIC, the Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S)), ODNI, and other relevant IC partners, planning and overseeing the progression of NSIC to full operational capability.

A2.2.3. Warfighter Support (SF/S2P). The Warfighter Support Division (SF/S2P) develops force design solutions to meet the needs of ISR Guardians. The division assists the SF/S2 on the synchronization of efforts pertaining to policy integration (including Special Security policy), ISR in support of Space Domain Awareness and the Spacepower Disciplines, force management, force development, and readiness. S2P responsibilities include:

A2.2.3.1. Serving as the USSF IC element authority for all aspects of security program management for the protection of national intelligence and intelligence sources, methods, and activities.

A2.2.3.2. Serving as the single IC element authority for Controlled Access Program (CAP) management for the Space Force. CAP management encompasses advocating for and securing Space Force access requirements, coordination with IC partners, and providing oversight and policy guidance.

A2.2.3.3. Reviewing and providing input on policy coordination on behalf of S2 that does not fall within the purview of another S2 division or branch.

A2.2.3.4. Overseeing the USSF intelligence element's compliance with IC and DoD policies.

A2.2.3.5. Ensuring ISR capabilities support the Spacepower Disciplines and developing solutions for gaps in capabilities, data access, and training (in coordination with Space Training and Readiness Command (STARCOM) and the Force Generation Division (SF/S7O), as required).

A2.2.3.6. Executing functional and career field management for ISR Guardians (civilian and military).

A2.2.3.7. Developing force presentation guidance and structures for USSF ISR units in coordination with SF/S7O.

A2.2.3.8. Coordinating with SF/COO and Joint Staff on assignment, allocation, apportionment, and deployment of USSF ISR capabilities in partnership with SF/S7O.

A2.2.4. ISR Resources and Requirements (SF/S2R). The ISR Resources and Requirements Division (SF/S2R) is the focal point for USSF ISR resources and requirements and advocates on behalf of the USSF intelligence element during Service and IC Program Objective Memorandum processes. S2R responsibilities include:

A2.2.4.1. Managing USSF's MIP and coordinating with OUSD(I&S) on the planning, programming, budgeting and execution (PPBE) of USSF's MIP.

A2.2.4.2. Managing USSF's NIP and coordinating with ODNI on the PPBE of USSF's NIP in accordance with IC Directive (ICD) 104, ICD 116 and other applicable policies.

A2.2.4.3. Validating requirements for the USSF intelligence element and advocating for the resourcing of USSF ISR capabilities.

A2.2.4.4. Reviewing and validating space domain requirements in the IC Capabilities Requirements acquisition process.

A2.2.4.5. ICW SF/S5/8, reviewing and validating USSF intelligence requirements within the Joint Capabilities Integration and Development System process to ensure adversary threats are included throughout the requirements identification and lifecycle processes.

A2.2.4.6. ICW SAF/SQ, SF/TE, STARCOM/S2, SpOC/S2 and Space Systems Command (SSC) S2, coordinating and supervising training for intelligence support to acquisition and testing.

A2.2.4.7. ICW SAF/SQ, SF/TE, STARCOM/S2, SpOC/S2 and SSC/S2, coordinating and supervising the development of standardized intelligence support to acquisition, testing and digital modeling/simulation.

A2.2.5. Space Force Cryptologic Office (SF/S2C). The Space Force Cryptologic Office (SF/S2C), also known as SFCO, is USSF's primary staff agent for overseeing cryptologic operations, programming, budgeting, training, personnel, policy, doctrine, and foreign relationships. Cryptologic activities encompass both SIGINT and cybersecurity/information assurance aspects of the NSA mission. For cybersecurity and information assurance matters affecting USSF mission systems, SFCO will coordinate with the SF/S6C. SFCO responsibilities include:

A2.2.5.1. Assisting the S2 in the execution of the S2's duties as Chief, USSF SCC.

A2.2.5.2. Representing the S2 at NSA/CSS forums.

A2.2.5.3. Representing USSF cryptologic mission requirements to NSA/CSS.

A2.2.5.4. Coordinating SIGINT policy and monitoring oversight and compliance.

A2.2.5.5. Monitoring the manning and funding of the USSF SCC and the training and professional development of SIGINT Guardians.

A2.2.5.6. Providing cryptologic expertise to the Space Staff.

A2.2.6. Space Force GEOINT Office (SF/S2G). The Space Force GEOINT Office (SF/S2G), also known as SFGO, executes the duties of a Service GEOINT element as defined in DoDD 5105.60, *National Geospatial-Intelligence Agency*, on behalf of the SF/S2 and USSF. SFGO is the point of contact for all National System for GEOINT (NSG) planning, programming, budgeting, acquisition, technology investment, policy, doctrine, training, tradecraft, personnel, tasking, collection, process, production, exploitation, and dissemination functions related to USSF GEOINT functions and activities. SFGO coordinates USSF GEOINT plans, programs (including international plans or programs), and budgets with the Director of NGA, the Functional Manager for GEOINT, as well as participates and assists in coordinating NGA's evaluation of USSF organizations having GEOINT-related activities and functions. SFGO responsibilities include:

A2.2.6.1. Representing the USSF at the National GEOINT Committee and sub-committees.

A2.2.6.2. Advocating for USSF GEOINT requirements and funding within the NSG and coordinating with S2R and other relevant offices to ensure that USSF GEOINT programs are properly resourced.

A2.2.6.3. Providing GEOINT expertise to the Space Staff.

A2.2.6.4. Managing all national, commercial, and foreign GEOINT requirements for USSF units and entities that are not under a combatant command.

A2.2.6.5. Serving as the IC executive agent for non-Earth imaging and managing those requirements for the IC, Military Services, and combatant commands in collaboration with the Intelligence Community lead.