

Combined Space Operations Center / Space Delta 5 Fact Sheet

MISSION

Execute operational command and control of space forces to achieve theater and global objectives.

VISION

Department of Defense's premier space operations center, ensuring effects for the nation, joint forces, and allies...right effect, right place, right time.



MORE

The Combined Space Operations Center (CSpOC) reports to the Combined Force Space Component Command (CFSCC) and executes the operational command and control of space forces to achieve theater and global objectives. It operates 24 hours a day, seven days a week; continuously coordinating, planning, integrating, synchronizing and executing space operations; providing tailored space effects on demand to support combatant commanders and accomplishing national security objectives. The CSpOC, Joint Overhead Persistent Infrared (OPIR) Planning Center (JOPC), Missile Warning Center (MWC), and Joint Navigation Warfare Center (JNWC) are a synergistic and multi-layered network of defense operations centers supporting U.S. Space Command (USSPACECOM) and CFSCC operations. Under the direction of CFSCC, the CSpOC uses this multi-layered network to coordinate, command and control space effects for geographic theater commanders across the globe -- ensuring the right effect or capability is available to theater components at the right place and right time to achieve the theater mission.

Space Delta 5 (DEL 5) is the U.S. Space Force command and control organization within Space Operations Command that provides the majority of forces needed by USSPACECOM and CFSCC to accomplish the space operations mission. USSPACECOM augments DEL 5 with U.S. Air Force, Army, Navy, and Marine space personnel. Exchange officers from Australia, Canada, and the United Kingdom also work alongside U.S. personnel to form the CSpOC. Additionally, the CSpOC operations floor hosts a Commercial Integration Cell (CIC) representative to enhance cooperation with commercial partners.

DEL 5's mission is: Prepare, present, and fight assigned and attached forces for the purpose of conducting operational-level command and control (C2) of space forces to achieve theater and global objectives. Within this context, C2 includes maintaining global awareness of operational environments, maintaining global awareness of the status of space forces, enabling data-driven decisions by the operational commander, and tasking the operational commander's forces. Additionally, DEL 5 prepares and fights as the operational commander's integrating operations center, providing cross-functional support and coordination both within the operational command and externally with allies and partners. Finally, DEL 5 manages assigned weapon system architectures and ensure operations are intelligence-led, cyber-resilient, and driven by innovation, while postured to succeed in a Contested, Degraded, and Operationally-Limited environment.

The CSpOC and DEL 5 are composed of 4 divisions and 3 squadrons: Combat Operations Division (COD), Strategy & Plans Division (SPD), Intelligence, Surveillance and Reconnaissance Division (ISRD), SATCOM Integrated Operations Division (SIOD), 614th Combat Training Squadron (CTS), 614th Air and Space Communications Squadron (ACOMS), and 9th Combat Operations Squadron.

- **COD** ensures combat relevant synchronization of forces to achieve desired effects. Accordingly, COD is responsible for four critical tasks: real-time monitoring of the space domain (including status of space forces, threats to space operations, and changes to the space operating environment), assessing the impact of changes in the space situation or space capabilities, developing credible COAs for the re-planning and/or redirection of space force employment as appropriate, space control C2 fires coordination, and ensuring the execution of the current space force tasking is consistent with CDR CFSCC intent and national caveats.
- **SPD** is responsible for crisis action planning, deliberate planning, orders management and CSTO coordination. SPD activities are primarily reflected in the Space Operations Directive (SOD), Master Space Plan (MSP), Combined Space asking Order (CSTO), Mission Plans (as needed), Operations Assessments (OA), and related documents.
- **ISRD** provides the CSpOC with timely, predictive, and actionable intelligence to support all aspects of the space tasking cycle. The ISRD is responsible for coordinating support throughout the Planning, Collection, Processing & Exploitation, Analysis & Production, and Dissemination (PCPAD) Cycle. Additionally, ISRD is the single point of contact to orient coalition space units, threat analysis, and theater updates. ISRD identifies threats to the use of space and predictive intelligence through indications and warnings.
- **SIOD** is responsible for synchronizing, integrating, and coordinating information and activities across the SATCOM enterprise in order to optimize collective SATCOM services to terminal users and associated warfighters worldwide.
- **614 CTS** provides operations training, evaluations, and exercise coordination support for CSpOC operations. Certification processes, training program development (for initial, mission, supplemental, recurring, and advanced training) and procedural review and development fall under the purview of 614 CTS in support of CSpOC combat mission ready requirements.
- **614 ACOMS** engineers, integrates, operates, sustains, and defends the Information Technology services and equipment that support the CSpOC mission. This includes all standard services provided through NIPRNet, SIPRNet, and JWICS as well as all other space unique systems and applications required to operate those systems. The ACOMS also manages the Communications Focal Point (CFP) providing cyber support to all CSpOC personnel and mission systems. Finally, the ACOMS oversees development and execution of the Mission Defense Teams responsible for protecting CSpOC's vital mission systems.
- **9 COS** is the Reserve Associate Unit (RAU) to Space Delta 5 and is assigned to augment intelligence, planning and operations at the CSpOC. 9 COS provides operations continuity, corporate knowledge and surge capability as a force provider. Additionally, 9 COS is aligned to compliment Space Delta 5 in structure and augments in support of day-to-day, surge and contingency operations, as well as system/training upgrade events.

Current as of July 2020