

Space Forces-Space

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As directed by the Chief of Space Operations, United States Space Force established U.S. Space Forces - Space (S4S) as the Service Component to United States Space Command on Dec. 06, 2023. This command exercises operational control of USSF forces conducting protect, defend, and deliver missions, and when delegated, tactical control of other service forces conducting these missions. Additionally, S4S conducts joint space operations on behalf of Commander of U.S. Space Command (USSPACECOM).

Upon the establishment of S4S, Space Operations Command-West (SpOC-West) was separated from Headquarters SpOC and redesignated as a Component Field Command to USSF. The Combined Force Space Component Command (CFSCC) and the Joint Task Force Space Defense (JTF-SD) were deactivated. Additionally, Combined Joint Task Force Space Operations (CJTF-SO) evolved into joint functional component authorities that the USSPACECOM commander has conferred to the S4S commander.

The S4S mission is to plan, integrate, conduct, and assess global space operations in order to deliver combat relevant space effects, in, from, and to space, for Combatant Commanders, Coalition partners, the Joint Force, and the Nation.

S4S provides space capabilities such as space domain awareness, space defense, space electromagnetic warfare, satellite communication, missile warning, nuclear detonation detection, environmental monitoring, military Intelligence, Surveillance and Reconnaissance (ISR), navigation warfare, Positioning, Navigation and Timing (PNT), and command and control, in support of USSPACECOM and the other Combatant Commands. With support from the Intelligence Community, S4S coordinates military, intelligence, civil, and commercial space for unified space operations, and improves the Nation's ability to rapidly detect, warn, characterize, and attribute threats.

S4S also executes command and control of assigned multinational forces in support of Operation Olympic Defender, on behalf of Commander, USSPACECOM. S4S provides support to, and receives support from, Coalition operations centers including the Australian Space Operations (AUSSpOC), Canadian Space Operations Center (CANSpOC), and United Kingdom Space Operations Center (UKSpOC). S4S builds capacity through relationships with partner nations' militaries as well as civil and commercial entities to achieve combined force objectives.



S4S's headquarters is located at Vandenberg Space Force Base (VSFB) in California. S4S consists of a HQ Staff, two Command and Control Deltas (Delta 5 and Delta 15), and five distinct and geographically dispersed operations centers, including the Combined Space Operations Center (CSpOC) at VSFB; the National Space Defense Center (NSDC) at Schriever SFB, CO; the Joint Navigation Warfare Center (JNWC) at Kirtland AFB, NM; the Joint Overhead Persistent Infrared Center (JOPC) at Buckley SFB, CO; and the Missile Warning Center (MWC) at Cheyenne Mountain Space Force Station in CO.

Current as of December 06, 2023