



# SPACE AND MISSILE SYSTEMS CENTER

The Space and Missile Systems Center (SMC) is the U.S. Space Force (USSF) center of excellence for acquiring and developing military space systems. SMC provides critical National Security space capabilities to the USSF, the Joint Force, Intelligence Community, and mission partners across the federal government.

- Responsible for 85% of the Department of Defense space budget
- Provides the technologies to defend our nation, allies, and American interests in space
- Nearly all joint military operations rely on SMC space capabilities
- \$9 billion annual budget
- \$635 million annual payroll
- \$1.8 billion annual impact on local economy
- Employs ~6,300 military, civilian and contractor personnel at Los Angeles Air Force Base headquarters and other locations worldwide

## VISION

Forge an agile team that delivers innovative, war-winning capabilities

## MISSION

Deliver resilient, affordable, and sustainable space capabilities for the nation

## LEADERSHIP



Lt Gen John F. Thompson  
Commander, and Air Force Program Executive Officer for Space



Joy M. White  
Executive Director for SMC and Head of Contractor Activity for Space Systems Command



Brig Gen D. Jason Cothorn  
Vice Commander and Deputy PEO for Space and Program Executive Officer for Space Enterprise



Col John D. Cherry  
Mobilization Assistant to the Commander

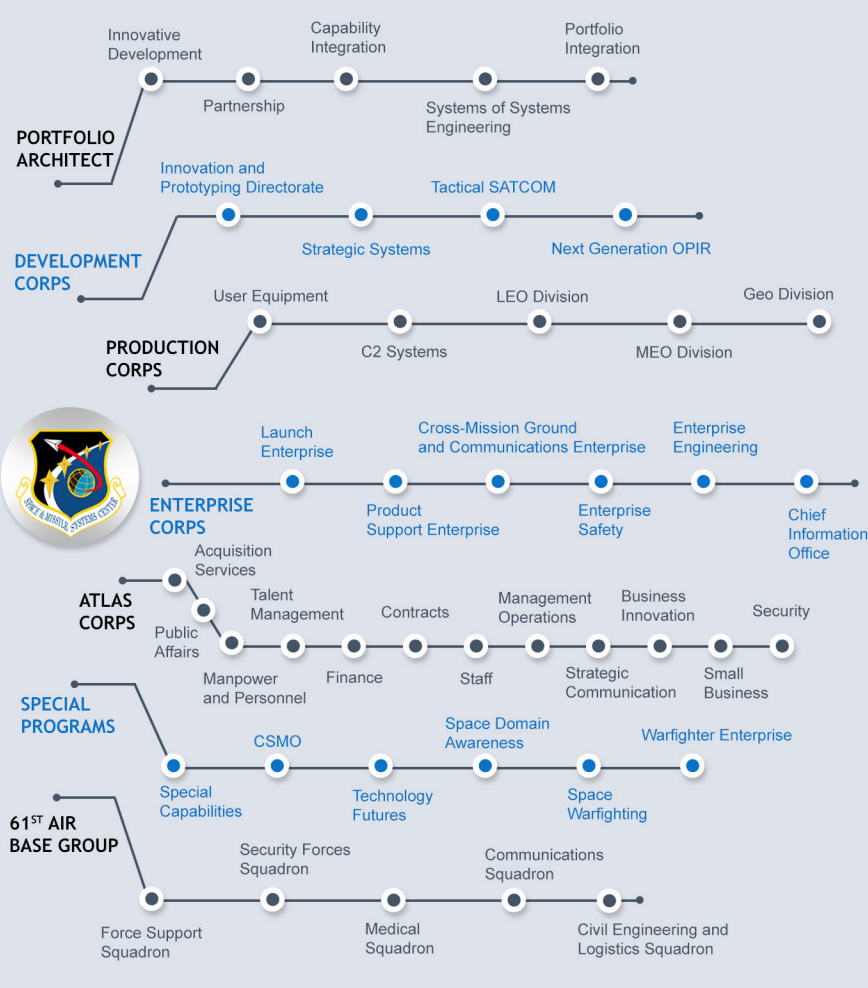


Chief Master Sgt Lisa R. Arnold  
Command Chief



Chief Master Sgt Angie Beckstead  
Mobilization Assistant to the Command Chief

## CORPS AND UNITS

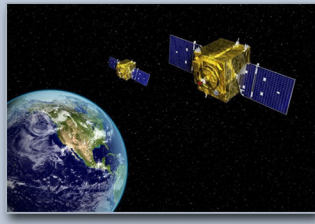


The 61st Air Base Group at Los Angeles AFB in El Segundo, California, provides installation support and serves Total Force personnel including Air Force, Space Force, Army, Navy, Marines, and Coast Guard members stationed in the Greater Los Angeles area.

## MISSION AREAS

### POSITIONING, NAVIGATION, AND TIMING

Mission: Professionals acquiring, delivering and sustaining reliable GPS capabilities to America's warfighters, our allies, and civil users.



### LAUNCH ENTERPRISE

Mission: Guardians of Assured Access and launching when and where the nation needs.



### CROSS MISSION GROUND AND COMMUNICATIONS

Mission: Modernize and sustain Launch and Test Range Systems (LTRS) and Air Force Satellite Control Network (AFSCN). Ensure accurate and reliable command, control telemetry and tracking support to the warfighter as well as provide critical space lift launch capabilities for our Department of Defense, civil and commercial space.



### SATELLITE COMMUNICATIONS

Mission: Plan for, acquire and sustain space enabled, global communications capabilities to support National Objectives.



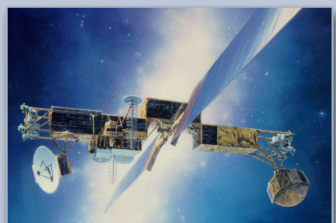
### INNOVATION AND PROTOTYPING

Mission: Drive future Space Capabilities through collaborative innovation, development planning, and demonstrations.



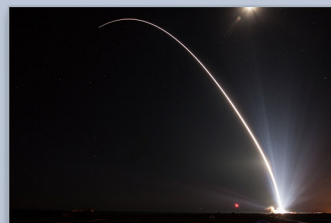
### MISSILE WARNING AND ENVIRONMENTAL MONITORING

Mission: Provide global, persistent, infrared surveillance and environmental monitoring capabilities to our warfighters and the nation.



### SPECIAL PROGRAMS

Mission: We develop, deliver, and sustain unrivaled space control capabilities to guarantee superiority for our nation.



"SMC is aligned with the National Defense Strategy and strengthening alliances and seeking new partnerships makes us stronger. Space is a team effort and working with our allies, interagency, industry and academia is vital to protecting the global commons of space."

- Lt. Gen. John F. Thompson, Commander of the Space and Missile Systems Center and Program Executive Officer for Space

## LOOK AHEAD - SPACE SYSTEMS COMMAND

As USSF announced on June 30, 2020 Space Systems Command (SSC) will be one of three USSF field commands aligned with specific mission focuses. SSC will be led by a three-star general officer and will be responsible for developing, acquiring, and fielding lethal and resilient space capabilities for warfighters. Additionally, SSC will be responsible for launch, developmental testing, on-orbit checkout, and sustainment and maintenance of USSF space systems, as well as oversight of USSF science and technology activities. SSC acquisition and development organizations are to include the Space and Missile Systems Center, the Commercial Satellite Communications Office, and program offices of space systems transferring to USSF from other Department of Defense organizations.

## HISTORY

The U.S. Space Force's Space and Missile Systems Center (SMC) began in July 1954 as the Western Development Division (WDD) of the Air Research and Development Command (ARDC) under then-Brigadier General Bernard A. Schriever to develop the Atlas Intercontinental Ballistic Missile. ARDC added the responsibility of developing the first military satellite system for the division's original mission in October 1955. SMC's vital role in developing, producing, and deploying missile and launch vehicles, and increasingly more capable surveillance, communications, meteorology, and navigation satellite systems, has expanded significantly during the past several decades. SMC is located at Los Angeles Air Force Base in El Segundo, Calif., and is responsible for USSF military space acquisition systems.

A timeline of SMC's milestones in supporting of nation's warfighters, the national defense strategy and national space defense strategy is available [here](#).