NDIA National Security Space Policy and Architecture Symposium

Space & Missile Systems Center (SMC)

Lt Gen Michael Hamel
Commander
1 February 2007
SMC Mission

Develop, acquire, field and sustain the world’s best space and missile capabilities for the joint warfighter and the nation.

**Space Superiority**
- Space Situation Awareness
- Defensive Counter Space
- Offensive Counter Space

**Space Support**
- Launch Systems
- Spacelift Range
- Sat Control & Network

**Force Application**
- ICBMs
- Prompt Global Strike

**Space Force Enhancement**
- Milstar/AEHF/GBS
- DSCS (Comm)
- GPS (Navigation)
- DSP/SBIRS (Surv)
- DMSP (Weather)
- NUDET (Nuclear Detection)

Delivering Operationally Responsive Space Warfighting Capabilities to Preserve Peace and Win Conflicts.
AF Space Organization

U.S. Air Force

DR. RON SEGA
USecAF

SMC
Space Development, Acquisition, & Sustainment

14th AF
Space Forces And Operations

20th AF
ICBM Forces

GEN KEVIN CHILTON
COMMANDER

AF Space Command

Organize, Train, Equip

Acquisition Execution

AF Space Command

SIDC
Space Warfare Development
SMC “Back to Basics”

- People - Rebuild space acquisition workforce
- Processes – reestablish rigor and “best practices” in technical, program, and business management
- Partnerships – strengthen relations with operators, users, industry
- Horizontal integration – integrate across programs, enterprise, and forces – air, land, naval
- Block acquisition strategy

![Diagram of SMC “Back to Basics” with blocks 1 to 6 in sequential order, showing the progression of technology and development across various systems.]
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- Space Dev & Test
- Development Planning
- Engineering
- Prog Mgt
- Logistics
- Finance
- Contracting
AFSPC Cradle-to-Grave Life-Cycle Management

Planning & Roadmaps

Pre-Systems Acquisition

Key Decision Points:

- JROC ICD
- Initial CDD
- PHASE A Approval
- PHASE B Approval
- PHASE C Approval

Systems Acquisition

- Build Approval
- Follow On Buy Approval

Sustainment

1st Launch

Upgrade Decision

Development Planning

Space Development & Test

SMC

Operational Wings

Systems Wings

HQ AFSPC

Planning, Requirements, CONOPS, Resources

A “Full-Service” MAJCOM

Needs → Concepts → Systems → Combat Effects
SMC Accomplishments/Way Ahead

• 100% Launch and Mission Success
  • 49 launches in a row

• Getting Programs on Track
  • SBIRS, GPS, WGS, AEHF, SBSS, FAB-T

• Defining Next Generation Programs
  • TSAT, Space Superiority, PGS

• “Delivering on Commitments” in 2007
  • WGS, GPS IIF/OCS, AEHF, SBIRS, EELV/ULA
Providing the Edge to our Nation’s Warfighters and Allies from the High Frontier