



International Affairs Overview Brief: “Allied by Design”

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»»» WHO WE ARE

Mindset

Allied by Design
Threat-Focused
Exploit/Buy/Build

Mission

Sustain and enhance US/Allied space
superiority via allied engagement

Divisions

Capabilities
FMS/BPC
Strategy and Plans

Foreign Military Sales (FMS)
Building Partner Capacity (BPC)



SSC/IA -- Organizational Chart



Focused on the Threat -- Allied by Design



»»» WHAT WE'RE DOING

- ✓ Expanding Partnerships with Allies
- ✓ Aligning with HHQ Guidance
- ✓ Fostering Economic Growth
- ✓ Delivering Warfighting capabilities



Medium Earth Orbit (MEO) Global Services (MGS)

Impact: Provides secure, high-performance, low-latency satellite services enabling naval, air, and ground comms for USA, LUX around the globe

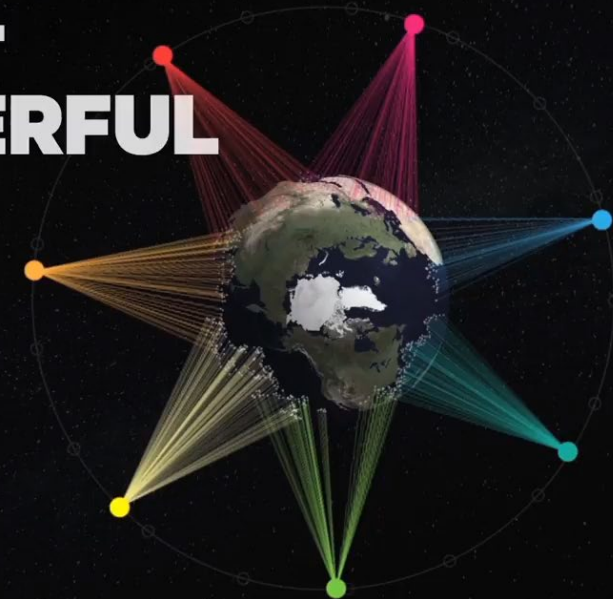
Stakeholders

USSF/SSC
LUX MoD
SES
Boeing
Kythera Space Solutions
NATO partners (TBD)

Equipment

SpaceX Falcon 9s (launch vehicles)
Boeing (bus producer)

**MOST
POWERFUL**



MGS Constellation Demonstration



DELIVERING SATCOM CAPABILITY!

(Video Source: YouTube)



»»» Deep Space Advanced Radar Capability (DARC)

Impact: Provides all-weather ability to detect, track, identify and characterize objects in GEO from sites in AUS, UK, and USA.

Stakeholders

USSF/SSC

AUS

UK

Northrop Grumman

Equipment

Northrop Grumman (sensor producer)

Northrop Grumman's Deep-Space Advanced Radar Capability (DARC) is a next generation ground system that ensures warfighters remain ahead of threats

DARC Demonstration



DELIVERING SPACE DOMAIN AWARENESS CAPABILITY!

(Video Source: YouTube)



Enhanced Polar System-Recapitalization (EPS-R)

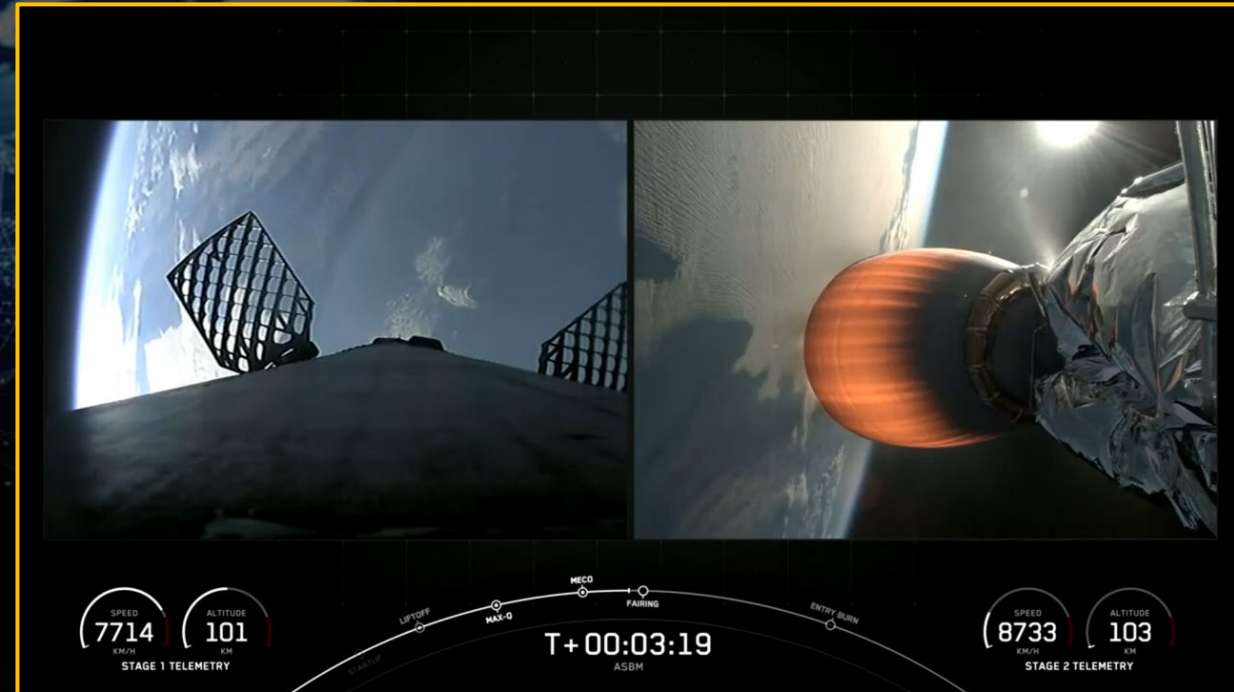
Impact: Two highly elliptical orbit (HEO) satellites providing Arctic communications coverage for USA, NOR

Stakeholders

USSF/SSC
Norway MoD
ViaSat

Equipment

SpaceX Falcon 9 (launch vehicle)
Northrop Grumman (satellite producer)



11 August 2024 Launch from Vandenberg SFB, CA



DELIVERING MILCOM/PNT CAPABILITY!

(Video Source: YouTube)



»»» FMS and BPC Initiatives

Quick 2024 Numbers

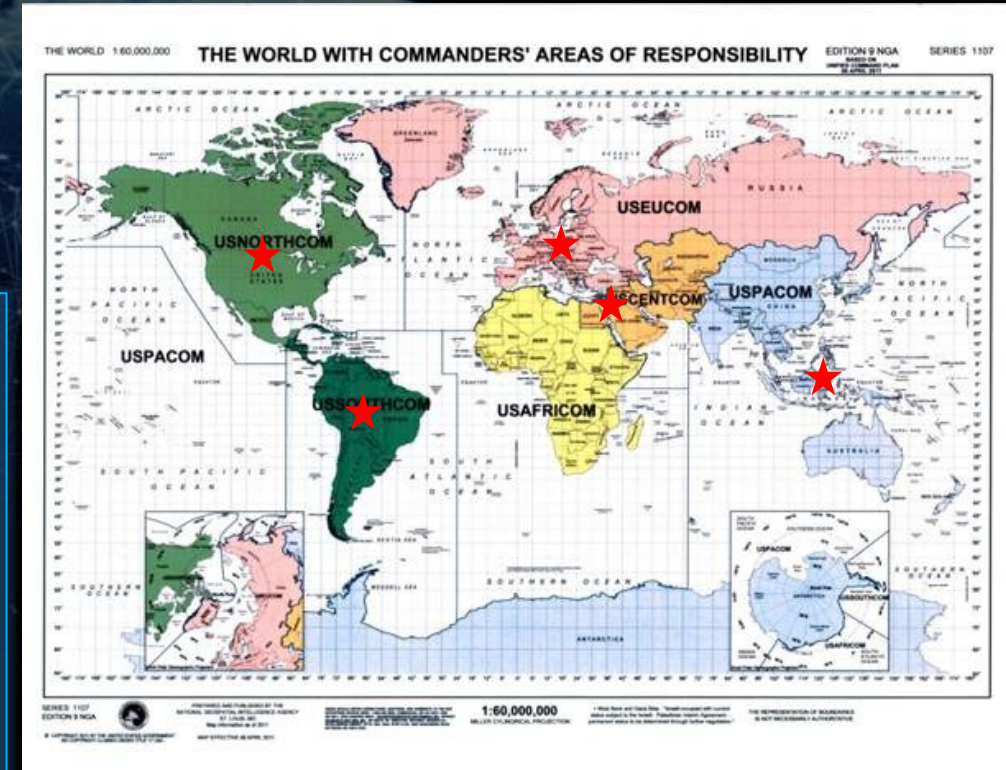
- Implemented FMS Case lines (total): \$782.7
- Implemented FMS Cases 2024: 81
- Implemented FMS Case Value 2024: \$223M

Impacts in 2024

- SDA (LEO, MEO, GEO, GEOx optical tracking capacity) to SOUTHCOM
- First-ever Space Electronic Warfare (SDACP) system to PACOM
- MILCOM/PNT to NORTHCOM
- First-ever execution of Starlink access to partners

Impacts in 2025

- Continued SDA initiative development (\$7 mil) for SOUTHCOM allies
- Space Operations Center support initiative (\$12 mil) for EUCOM ally



DELIVERING CAPABILITY THROUGH FMS AND BPC!



»»» Continuing Impacts

Initiatives

- QZSS-HP with JPN (MILCOM/PNT)
- OCULUS-hosted payload with NOR
- WGS-11 Agreement (SATCOM)
- WGS-12 Agreement (SATCOM)
- Responsive Space Capabilities (RSC) MoU

Working Groups

- Combined Space Operations Initiative (CSpO)
- Interoperability Working Group (IWG)
- Future Architecture Working Group (FAWG)

Liaisons

- 3 UK LOs, 1 DEU Civ Engineer at LAAFB; additional DEU Civ Engineer in 25' and AUS liaisons in 25'



»»» WHERE WE'RE GOING

Overall Goals

- US and allied space superiority via strengthened partnerships
- Country, Mission Area-Specific Partnership Strategies
- Execute SSC Command Plan

FMS/BPC Outlook

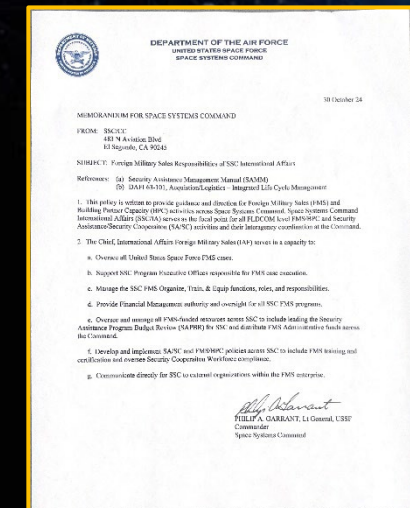
- Stand up and scale space FMS capability between current FMS enterprise (including DAF roles) and space acquisition enterprise
- Seeking FMS authorities to execute space mission

Capabilities Outlook

- Develop Global Missile Warning/Missile Tracking/Missile Defense architecture
- Build out Allied Space Data Network
- Create Federated Mission Data Network



SSC Command Plan



2024 FMS Policy Memo