USSTRATCOM Responsibilities

**Plan and Execute**
- Strategic Deterrence & Nuclear Operations
- Space
- Cyberspace
- Global Strike
- Combating WMD

**Plan, Integrate & Synchronize**
- Missile Defense
- Intelligence, Surveillance, & Reconnaissance
- Information Operations
Geographically Distributed Component Commanders

USSTRATCOM
Gen Kehler

USCYBERCOM
GEN Alexander

JFCC IMD
LTG Formica
Army SMDC

JFCC GS
Brig Gen Wilson
8th Air Force

JFCC ISR
LTG Burgess
DIA

JIOWC
Mr. Johnson

SCC WMD
Mr. Myers
DTRA

JFCC SPACE
Lt Gen Helms
14th Air Force

14th Air Force
Component and Task Force Structure

Service Components

USSTRATCOM

- JFCC GS (Global Strike)
  Offutt AFB, NE
- JFCC SPACE (Space Ops)
  Vandenberg AFB, CA
- JFCC SPACE (Cyber Ops)
  Fort Meade, MD
- JFCC ISR (Intel, Surveillance & Recon)
  Lackland AFB, TX
- JFCC IMD (Missile Defense)
  Schriever AFB, CO
- JFCC WMD (Combating WMD)
  Fort Belvoir, VA

USCYBERCOM

- JIOWC (Info Ops)
  Bolling AFB, DC
- JFCC SPACE (Space Ops)
  Vandenberg AFB, CA
- JFCC SPACE (Cyber Ops)
  Fort Meade, MD
- JFCC ISR (Intel, Surveillance & Recon)
  Bolling AFB, DC
- JFCC IMD (Missile Defense)
  Schriever AFB, CO
- SCC WMD (Combating WMD)
  Fort Belvoir, VA

Nuclear Task Forces

- ICBMs
  TF 214
  E Warren AFB, WY
- Bombers
  TF 204
  Barksdale AFB, LA
- Tankers
  TF 294
  Scott AFB, IL
- TACAMO
  TF 124
  Tinker AFB, OK
- PAC SUBS
  TF 134
  Pearl Harbor, HI
- LANT SUBS
  TF 144
  Norfolk, VA

How We Are Organized
USSTRATCOM Task Forces

- **Aerial Refueling/Tankers (TF 294)**
  - USAF refueling aircraft enhance Command’s capability to conduct global combat and reconnaissance operations

- **Airborne Communications (TF 124)**
  - Navy E-6B aircraft provide a survivable communications link between national decision makers and the nation’s strategic forces

- **Ballistic Missile Submarines (TFs 134/144)**
  - Navy ballistic missile submarines provide launch capability from around the globe—most survivable leg of US strategic forces

- **Strategic Bomber & Reconnaissance Aircraft (TF 204)**
  - USAF aircraft deploy globally to project air power and support Command’s reconnaissance mission

- **Land-Based ICBMs (TF 214)**
  - USAF ICBMs, dispersed in hardened silos, provide a quick-reacting and highly reliable component of US strategic forces

*Task Forces Enable Command Mission Execution*
# USSTRATCOM Operations/Activities Snapshot

## Strategic Deterrence/Nuclear Ops
- 24x7 Deterrence Operations
- Nuclear Enterprise Leadership
- Nuclear Command & Control

## Space Operations
- SSA Ops: Tracking 22,000+ Objects
- Conjunction Analysis: 1,100 Satellites
- 20+ SSA Sharing Agreements
- Monitoring Space Weather

## Cyberspace Operations
- Operation BUCKSHOT YANKEE
- Defense of the GIG
- Cyber Ops As Directed

## Missile Defense
- Synchronize Global MD Planning
- Coordinate Global MD Asset Management
- TD-2 Launches: Support GCCs

## Surveillance & Reconnaissance
- Global Force Management of ISR Assets
- Support to GCCs

## Information Operations
- Training Support to GCCs
- Support to Other COCOM Ops

## Combating WMD
- Synchronize Global CWMD Planning (Global Sync Conf)
- Establishing SJFHQ-E of WMD

## Cross Mission Area
- Support to PACOM: Operation TOMODACHI
- Support to AFRICOM: Operation ODYSSEY DAWN
- Support to CENTCOM: STRATCOM Forward Integration Teams (SFIT)
- Operation BURNT FROST

## Exercises & Training
- GLOBAL THUNDER
- AUSTERE CHALLENGE (EUCOM)
- GLOBAL LIGHTNING
- BULWARK DEFENDER

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*Integrated Trans-Regional Operations: Supporting & Supported*
Process to Monitor New & Emerging Technologies
S&T Outreach Process Goals

• Identify relevant new technologies earlier
  • Keep abreast of emerging Blue/Red Team technologies
  • Socialize new technologies throughout Command
• Inform Labs of USSTRATCOM mission needs
  • Current Operations & Projected Capability Gaps
  • “National Labs” → DoD Labs, FFRDCs/DOE Labs, UARCs, Defense Research Agencies (e.g., DARPA)
• Leverage existing Command-Lab relationships; forge new ones
• Implement S&T Battle Rhythm around S&T IPL Process

Become USSTRATCOM’s “One-Stop” S&T Venue
S&T Outreach Process Overview

- **S&T Enterprise Management Board (EMB)**
  - Chaired by Senior Analytic Advisor, assisted by Secretariat
  - Formalized with a Charter
  - Comprised of Coordinators Aligned With 7 Mission Areas
    - Nuclear, Space, Cyber, CWMD, IMD, IO, ISR
  - Other Members: SAG/Lab LNOs, S&T Reps, Special Advisors

- **Coordinators / AOs / LNOs**
  - Coordinators act as information brokers between AOs/EMB
  - AOs interface with Labs as requested by EMB or directed by J-Directorates/Components
  - Lab LNOs/Advisors facilitate communication and support EMB

Command-Wide Participation in S&T Process
S&T Outreach Process Scope

- J0CS
- SharePoint: Lab Engagement Battle Rhythm, Minutes, Briefings, Charter....
- Secretariat
- SAA
- OUSD (AT&L)
- Directorates & Components
- S&T EMB
- Mission Area Coordinators (7)
- Situational Awareness
- Action Officers
- Communication Methods: SharePoint / Tech Blogs / Conferences / Site Visits / SVTCs / Intelli/Techipedia
- UARC
- DoD Agencies
- FFRDC / DOE
- Service
S&T Outreach Process Deliverables

Gap: No formal Command process to monitor relevant new technologies at the Labs

- Through a Lab Engagement Strategy, the S&T EMB will:
  - Regularly collect new technology developments from the Labs
  - Forge new opportunities to convey mission needs to the Labs

- S&T EMB Deliverables
  - **Technology Updates** – Disseminated throughout Command
  - **S&T IPL Recommendations** – Input to OSD/AT&L
  - **Annotated Mission Area Interest List (MAIL)** – Feedback to S&T Community

*Link new technologies with Command Mission Needs*
Branch Chief: Mr. Chuck Hutchison (402) 232-5347

- **S&T Team**
  - Dr. Mark Brown (402) 232-4114
  - Mr. Eric Dernovish 294-0447
  - Mr. David Beberwyk 294-5472
  - Mr. Brian Liesveld 232-1422
  - Mr. Tim Fowler 232-1421

- **Experimentation Team**
  - Mr. Bill Delaney (402) 294-7650
  - Mr. Monty Hoskinson 232-9872
  - Mr. Ray Varney 294-7523
  - Mr. Brian Shook 232-8617

*Command-Wide Participation in S&T Process*
United States Strategic Command

Questions?

UNCLASSIFIED
Operation BURNT FROST: Intercepted inop NRO satellite
Operation BUCKSHOT YANKEE: Response to 2008 cyber attack
Taepo-Dong 2 Launch: Response to N. Korea missile tests
Recurring Events:
GLOBAL THUNDER: Exercise focused on nuclear command and control, mission execution
AUSTERE CHALLENGE: USEUCOM full-spectrum operations exercise, USSTRATCOM supported
BULWARK DEFENDER: Joint cyber defense exercise
Ongoing Support to Overseas Contingency Operations....