



# United States Strategic Command



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Capability and Resource  
Integration Directorate – J8  
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UNCLASSIFIED



# USSTRATCOM Responsibilities

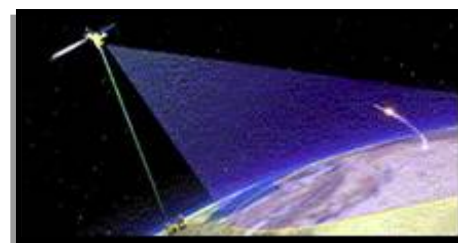
## *Plan and Execute*

- Strategic Deterrence & Nuclear Operations
- Space
- Cyberspace
- Global Strike
- Combating WMD



## *Plan, Integrate & Synchronize*

- Missile Defense
- Intelligence, Surveillance, & Reconnaissance
- Information Operations





# Geographically Distributed Component Commanders



**JFCC IMD**  
LTG Formica  
Army SMDC



**JFCC GS**  
Brig Gen Wilson  
8th Air Force



**USSTRATCOM**  
Gen Kehler



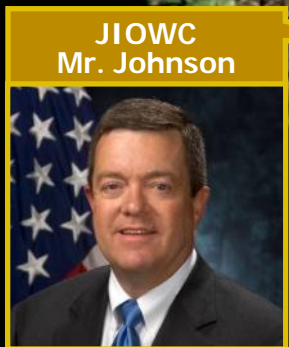
**JFCC ISR**  
LTG Burgess  
DIA



**USCYBERCOM**  
GEN Alexander  
NSA



**JFCC SPACE**  
Lt Gen Helms  
14th Air Force



**JIOWC**  
Mr. Johnson



**SCC WMD**  
Mr. Myers  
DTRA



# Component and Task Force Structure

**Service Components** **HQ USSTRATCOM**

## Components



**JFCC GS**  
(Global Strike)  
Offutt AFB, NE



**JFCC SPACE**  
(Space Ops)  
Vandenberg AFB, CA



**USCYBERCOM**  
(Cyber Ops)  
Fort Meade, MD



**JIOWC**  
(Info Ops)  
Lackland AFB, TX



**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  
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*



# Headquarters Organization



**CCC**  
CMSgt Narofsky



**CD**  
VADM Haney



**CC**  
Gen Kehler



**CS**  
MG Grimsley



**J1**  
Col LoCastro



**J3**  
Maj Gen Biscone



**J5**  
Maj Gen Desjardins



**J8**  
Mr. Callicutt



**J9**  
Mr. Gandy



**J2**  
Brig Gen George



**J4**  
CAPT Power



**J6**  
Ms Kelley



**J7**  
Mr. McVay



# 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

*Integrated Trans-Regional Operations: Supporting & Supported*



# Science & Technology Outreach

## ***Process to Monitor New & Emerging Technologies***

***S&T Enterprise Management Board***





# 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*



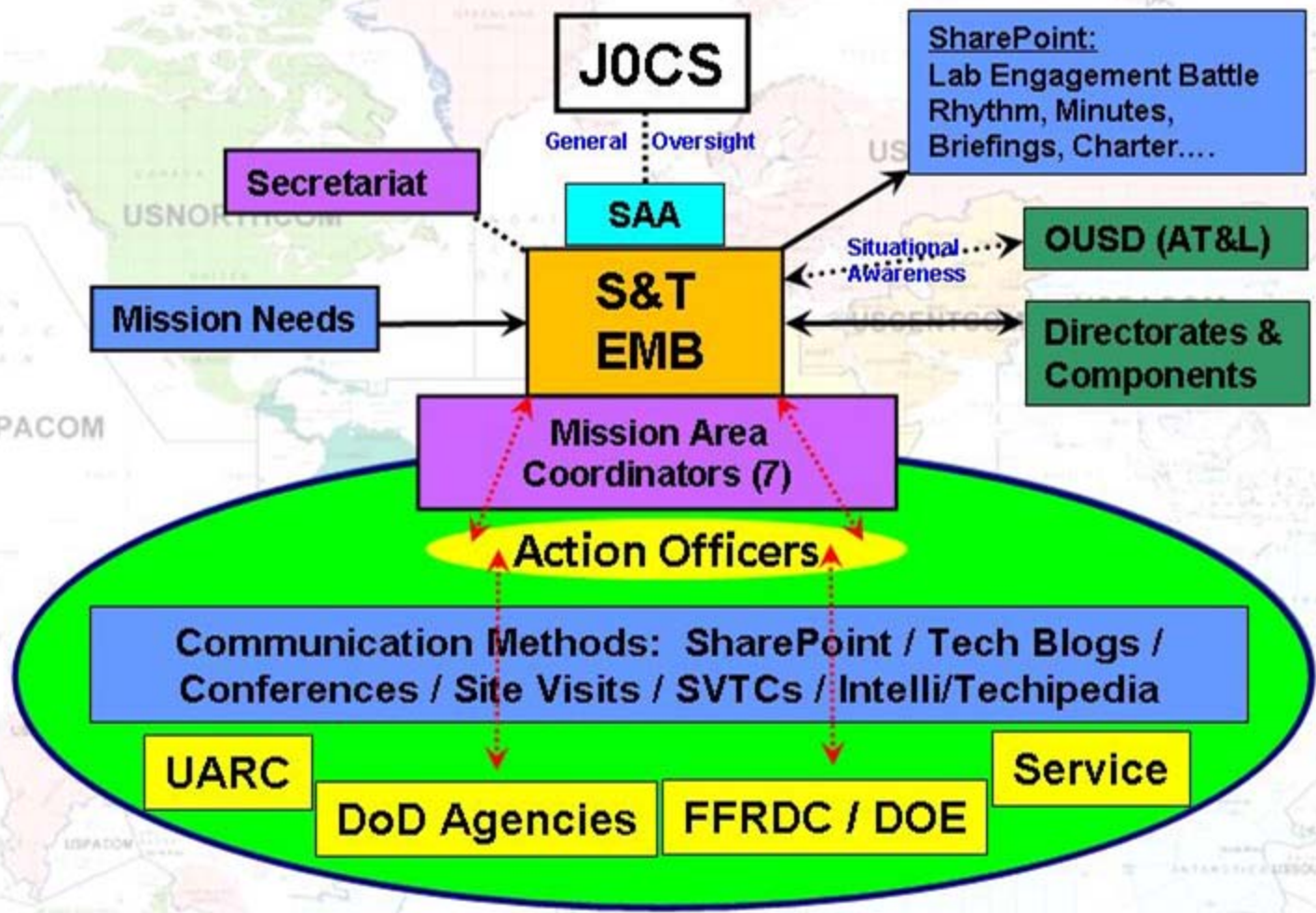
# S&T Outreach Process Overview

- **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*

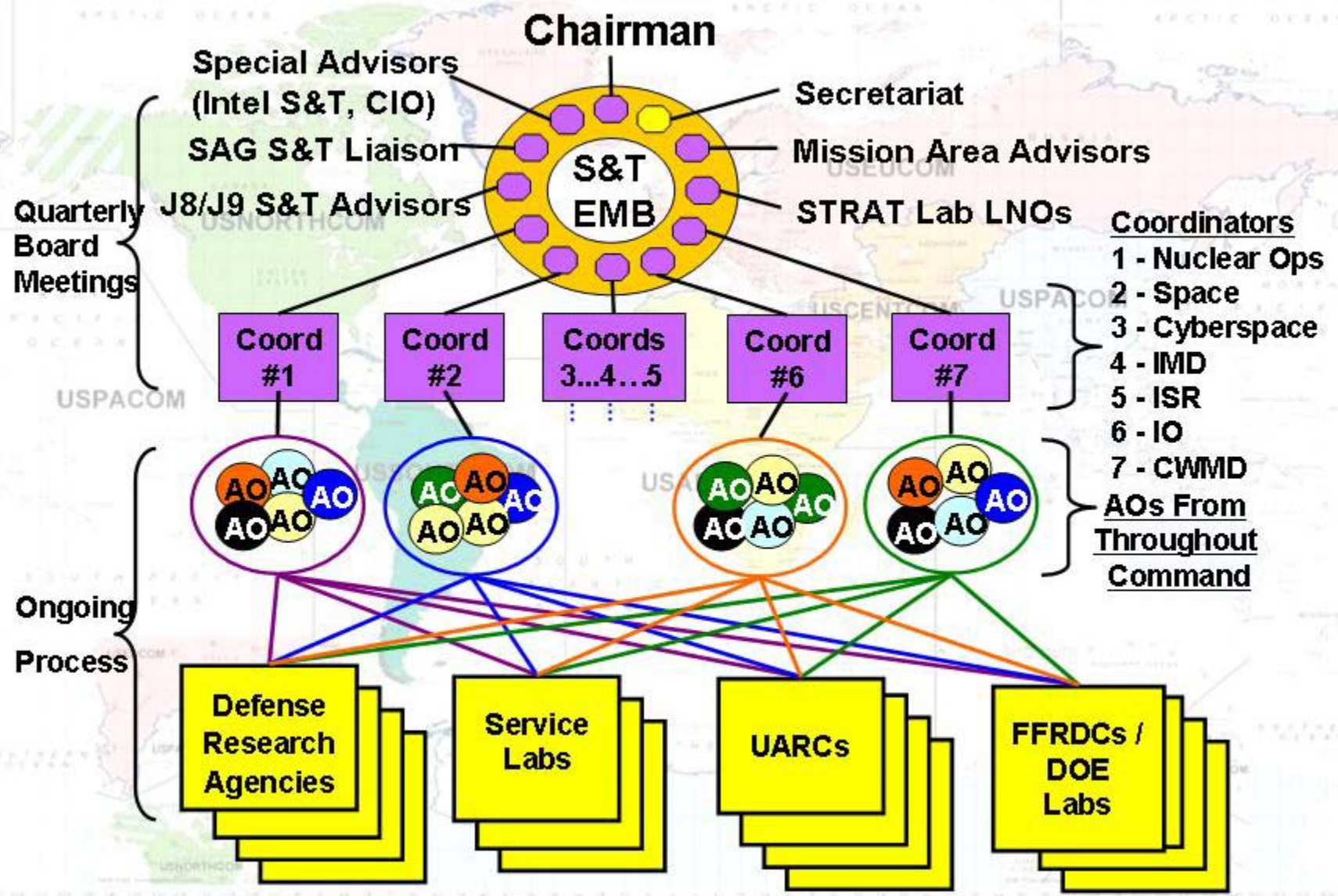


# S&T Outreach Process Scope





# S&T Outreach Process Coordination





# 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*



# S&T / Experimentation Branch

**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?*



# USSTRATCOM Operations/Activities 2008-2011

**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.....**

*Global Integrated Operations*