



# United States Strategic Command

Mr. David Tyner  
Senior Analytic Advisor

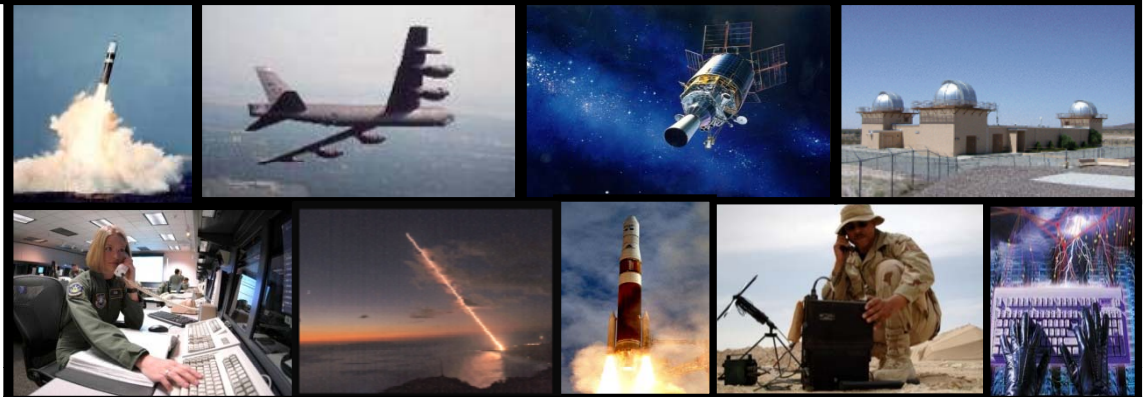
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# USSTRATCOM

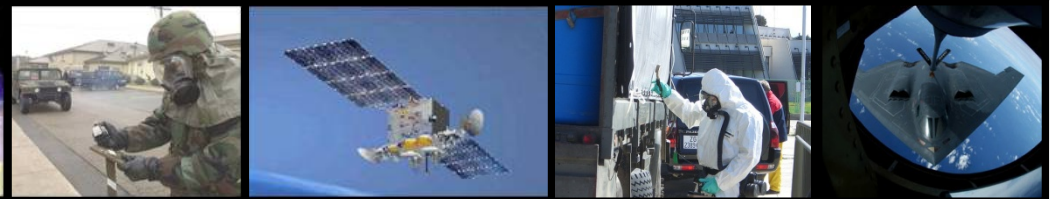
## *Mission*

USSTRATCOM conducts global operations ICW other Combatant Commands, Services, and appropriate USG agencies to deter and detect strategic attacks against the U.S. and its allies, and is prepared to defend the nation as directed



## *Priorities*

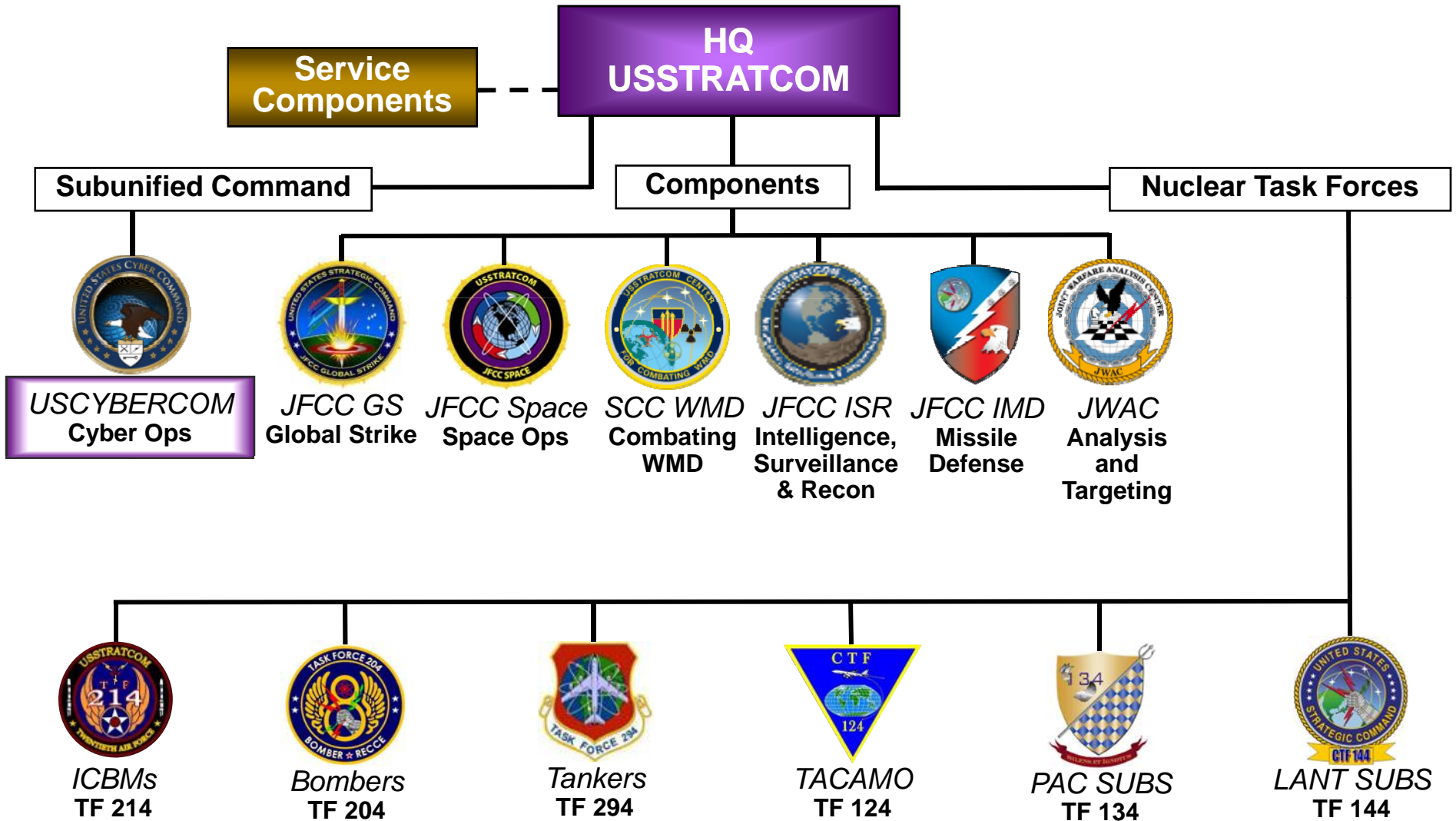
- Deter nuclear attack with a safe, secure, effective nuclear deterrent force
- Partner with the other combatant commands to win today
- Respond to the new challenges in space
- Build cyberspace capability and capacity
- Prepare for uncertainty







# Component and Task Force Structure



**How We Are Organized**



# Component Commanders

## Missile Defense



LTG Formica  
JFCC IMD  
Army SMDC

## Global Strike



Maj Gen Wilson  
JFCC GS  
8<sup>th</sup> Air Force

## Intelligence/ Surveillance/ Reconnaissance



LTG Burgess  
JFCC ISR  
DIA

## Cyberspace Operations



GEN Alexander  
USCYBERCOM  
NSA

## Space Operations



Lt Gen Helms  
JFCC Space  
14<sup>th</sup> Air Force

## Analysis and Targeting



CAPT Shoman  
JWAC

## Combating WMD



Mr. Myers  
SCC WMD  
DTRA



# Nuclear Task Forces

**Pacific Submarines**



**RADM Caldwell**  
TF 134

A portrait of RADM Caldwell in a dark blue naval uniform, standing in front of an American flag and a Pacific Submarine Force Command flag.

**Intercontinental Ballistic Missiles**



**Maj Gen Alston**  
TF 214

A portrait of Maj Gen Alston in a blue Air Force uniform, standing in front of an American flag and a Strategic Air Command flag.

**Tankers**



**Lt Gen Ramsay**  
TF294

A portrait of Lt Gen Ramsay in a blue Air Force uniform, standing in front of an American flag and a Strategic Air Command flag.

**Atlantic Submarines**



**VADM Richardson**  
TF 144

A portrait of VADM Richardson in a dark blue naval uniform, standing in front of an American flag and a Pacific Submarine Force Command flag.

**Airborne Command and Control**



**CAPT Pedersen**  
TF124

A portrait of CAPT Pedersen in a dark blue naval uniform, standing in front of an American flag.

**Bombers**



**Maj Gen Wilson**  
TF 204

A portrait of Maj Gen Wilson in a blue Air Force uniform, standing in front of an American flag and a Strategic Air Command flag.





# Headquarters Organization



CCC  
CSM Alston



CD  
VADM Giardina



CC  
Gen Kehler



CS  
MG Grimsley





## Future Conflicts

**“Surprise is one of the greatest dangers we face.”**

**- General Kehler**

- **Conflict will encompass all five domains; air, land, sea, space and cyberspace**
- **Conflict will cross traditional geographic boundaries**
- **Conflict will involve multiple partners**
- **Conflict will be hybrid**



# USSTRATCOM 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 DoDIN  
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

## Joint Electronic Warfare

Support to other CCMD Ops

## Combating WMD

Synchronize Global CWMD  
Planning (Global Sync Conf)  
Activated SJFHQ-E of WMD

## Analysis and Targeting

Joint Warfare Analysis Center

## Exercises & Training

GLOBAL THUNDER  
AUSTERE CHALLENGE (EUROM)  
GLOBAL LIGHTNING  
BULWARK DEFENDER

*Integrated Trans-Regional Operations: Supporting & Supported*





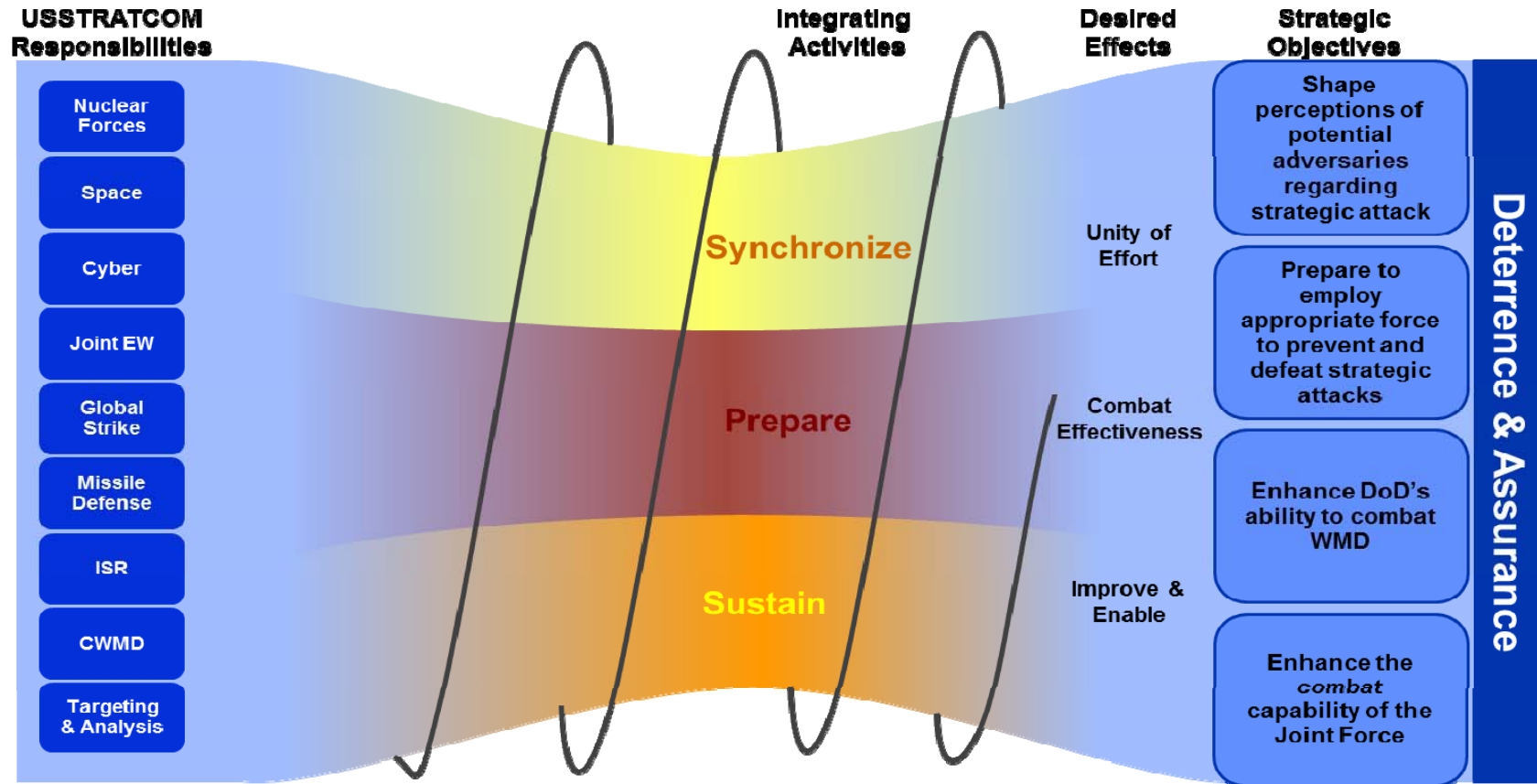
## Initiatives for Effectiveness

- **Improve our planning and better integration to counter weapons of mass destruction**
- **Replacement for the Ohio Class ballistic missile submarine**
- **New long range bomber capable of delivering both conventional and nuclear weapons**
- **Extension programs for nuclear weapons**
- **Upgrade command, control and communications systems**
- **Improve resilience of space and cyberspace capabilities**
- **Enhance ISR capabilities**
- **More effective networking and data sharing**
- **Improved electronic warfare**



# USSTRATCOM Campaign Concept

**Mission Statement:** USSTRATCOM conducts global operations ICW other Combatant Commands, Services, and appropriate USG agencies to deter and detect strategic attacks against the U.S. and its allies, and is prepared to defend the nation as directed.



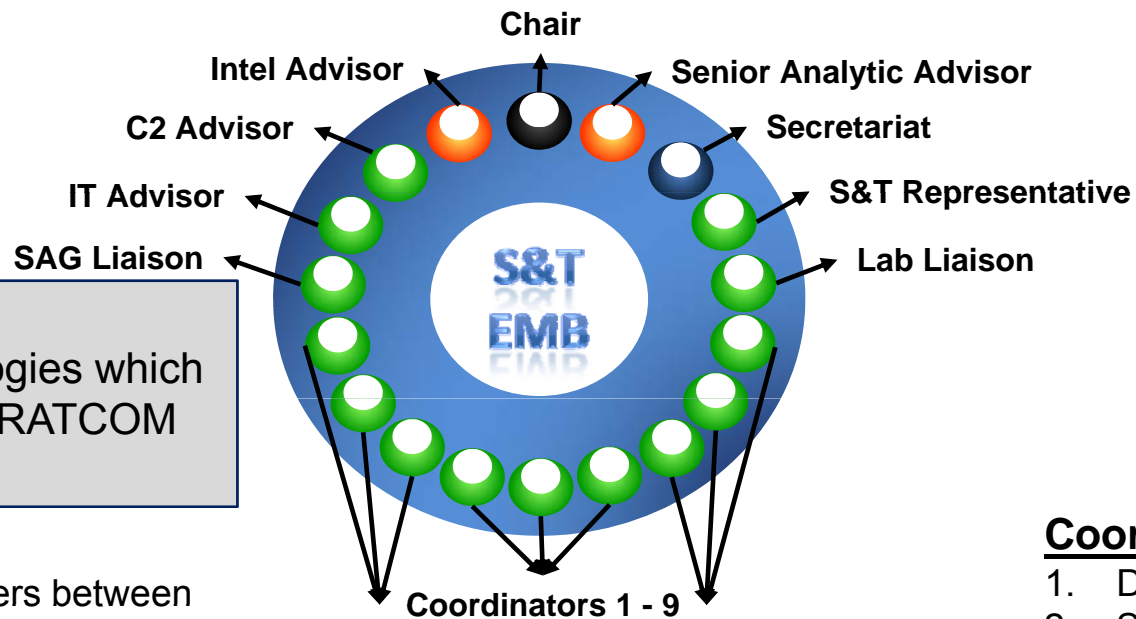
The campaign arranges USSTRATCOM's activities and operations and messages in time, space, and purpose to achieve the deterrence and assurance through the Commander's Strategic Objectives.

Effective synchronization of USSTRATCOM activities creates, strengthens, or preserves conditions favorable for the advancement of U.S. interests.



# Science and Technology Enterprise Management Board

A seamless, enterprise environment that provides fully integrated S&T effort and outreach capabilities in support of USSTRATCOM mission areas



**Scope:**  
Includes technologies which support all USSTRATCOM mission areas

**Coordinators**  
Information brokers between AOs/EMB

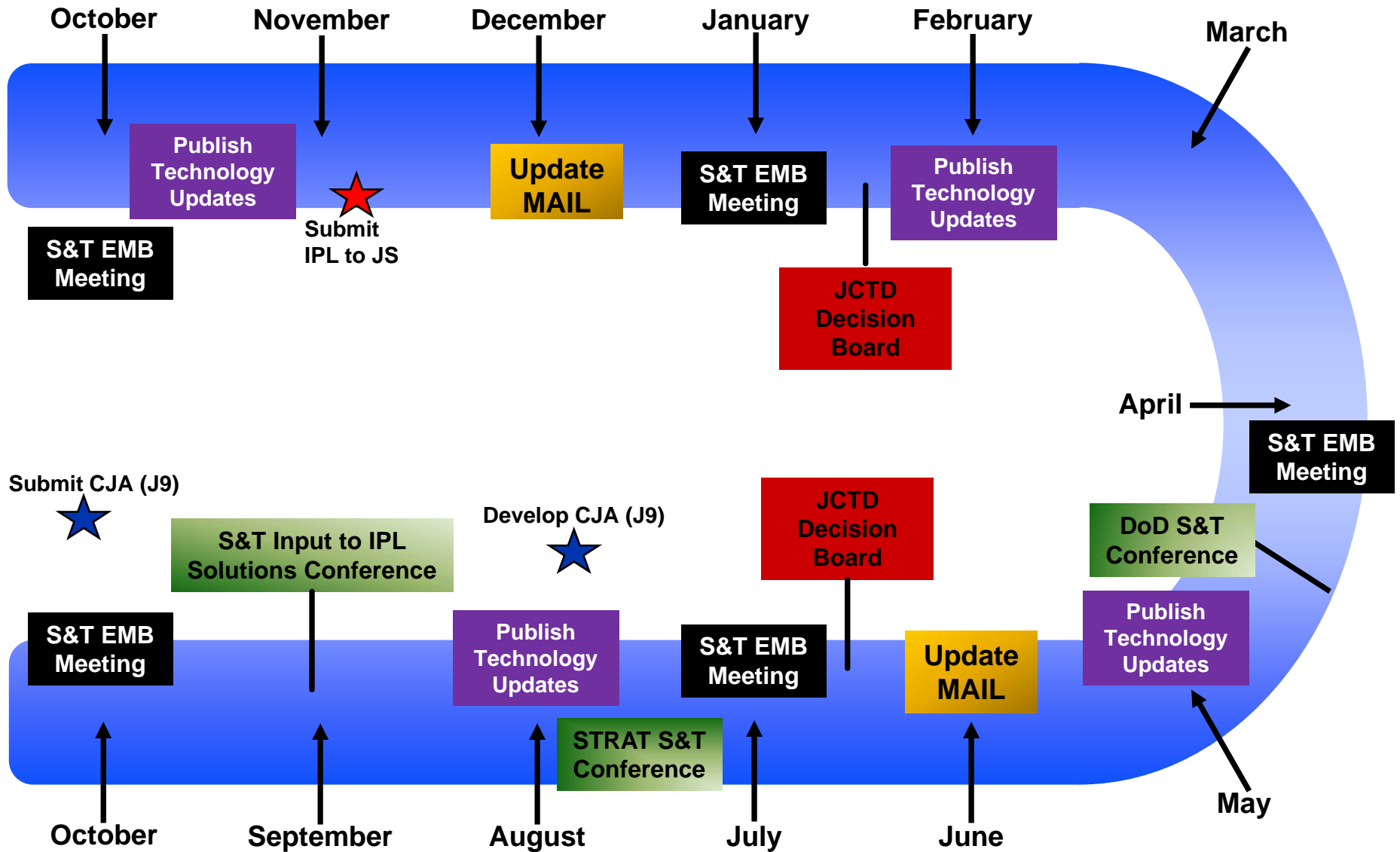
**AOs Throughout CMD**  
Interface w/Labs in line of normal duties

- Coordinators**
1. Deterrence
  2. Space
  3. Cyberspace
  4. Joint EW
  5. Global Strike
  6. Missile Defense
  7. ISR
  8. CWMD
  9. Analysis & Targeting





# S&T EMB Timeline





# University Affiliated Research Center

- **Strategic, sole source relationship between the DoD and a university research lab which provides essential engineering and research**
- **Core Competencies**
  - Nuclear detection and forensics
  - Detection of chemical and biological weapons
  - Passive defense against weapons of mass destruction
  - Consequence management
  - Space, cyber and telecom law
- **Partnership between USSTRATCOM, Chemical Biological Medical Systems, Defense Threat Reduction Agency and other government agencies/departments**

