

HQ USINDOPACOM

J85 Science and Technology Overview



February 21, 2020

This brief is classified:

UNCLASSIFIED

Discussion up to:

UNCLASSIFIED

***Classified by:* Dr Martin Lindsey**

Derived from:

***Declassify on:* N/A**

- JOINT FORCE LETHALITY
- DESIGN & POSTURE
- ALLIES & PARTNERS
- EXERCISES, EXPERIMENTATION, & INNOVATION

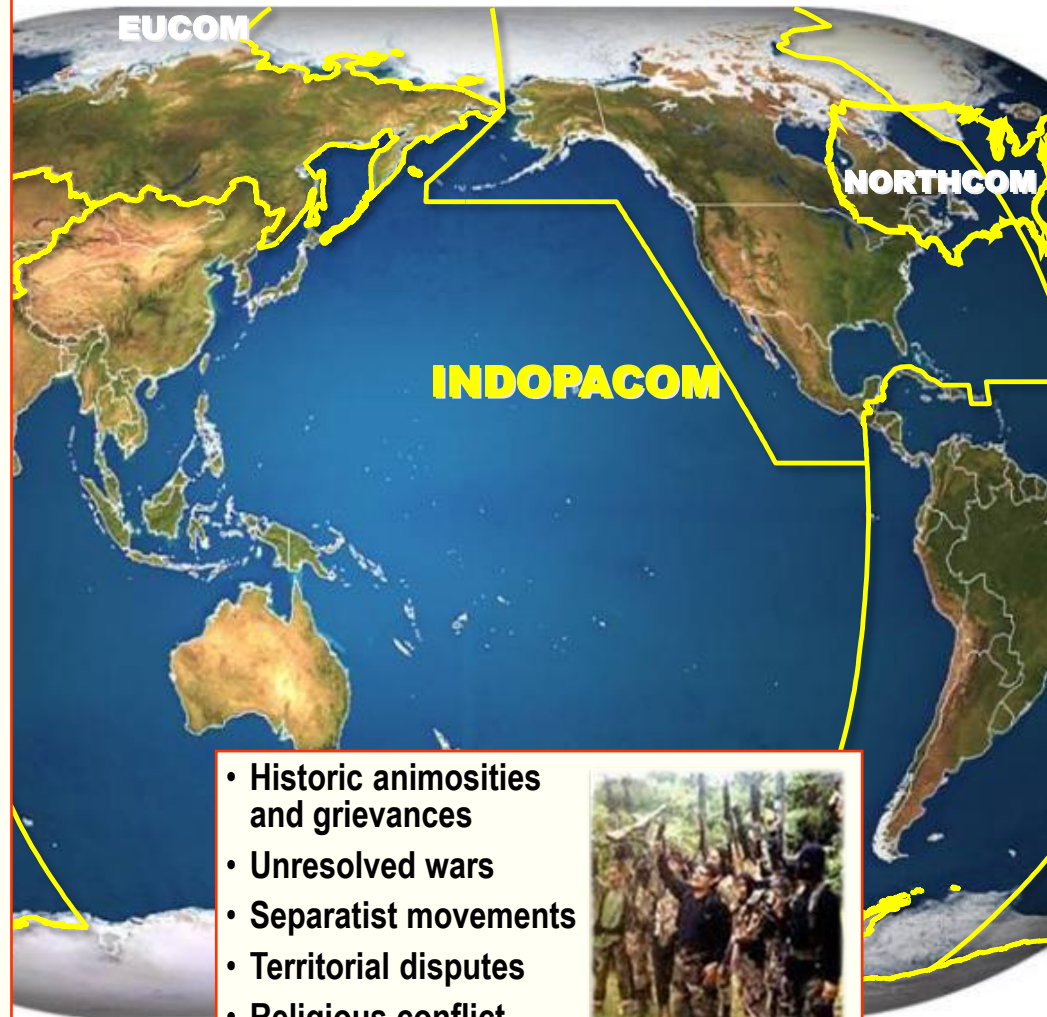


The Situation in *INDOPACOM*

- Over half of world's population
- 51% of Earth's surface; 17% of total land
- 36 nations
- 16 time zones



FREE AND OPEN INDO-PACIFIC



- World's 7 largest armed forces - potent military capabilities
- 2 of 3 largest and 10 of 14 smallest economies
- 5 of 7 U.S. Mutual Defense Treaties



- Historic animosities and grievances
- Unresolved wars
- Separatist movements
- Territorial disputes
- Religious conflict

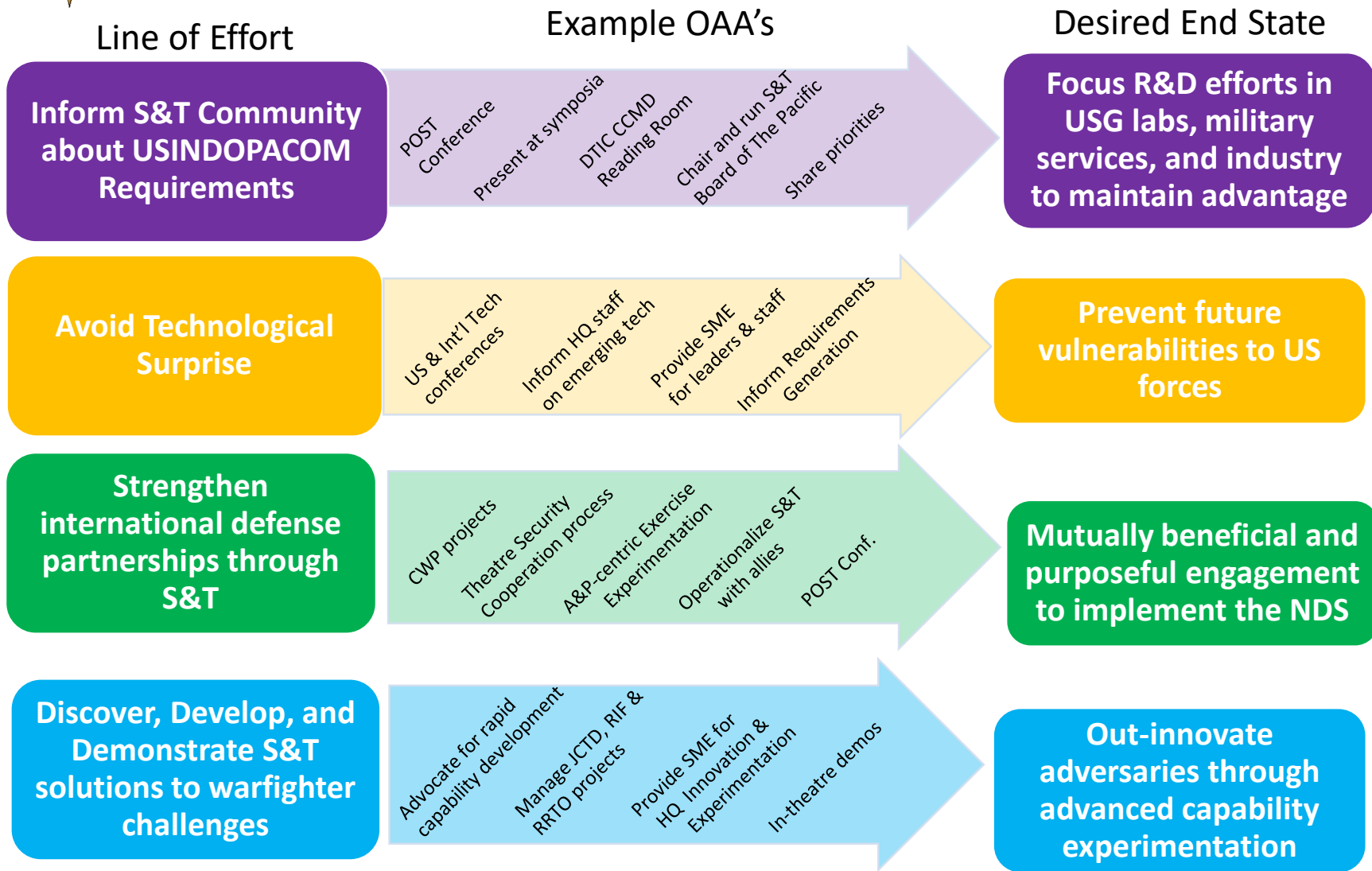


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INDOPACOM Science and Technology Mission and Objectives

ENSURING A FREE AND OPEN INDO-PACIFIC



- JOINT FORCE LETHALITY
- DESIGN & POSTURE
- ALLIES & PARTNERS
- EXERCISES, EXPERIMENTATION, & INNOVATION



DOD Modernization Priority Coordinators for USINDOPACOM

ENSURING A FREE AND OPEN INDO-PACIFIC

DOD Modernization Priority	USINDOPACOM Coordinator
Artificial Intelligence / Machine Learning	Mr Errol Holcomb, CIV, J85
Biotechnology	Col Tammy Low, USAF, PhD, J85
Autonomy	Dr. F. Mike VonFahnestock, IPA, J85
Cyber	Mr Errol Holcomb, CIV, J85
Directed Energy	Dr. Greg Power, IPA, J85
Fully Networked C3	Pete Stokka, CIV, J81
5G	Pete Stokka, CIV, J81
Microelectronics	Dr. Greg Power, IPA, J85
Quantum Science	Dr. F. Mike VonFahnestock, IPA, J85
Hypersonics	Dr. Martin Lindsey, CIV, J85
Space	Dr. Martin Lindsey, CIV, J85

<https://www.cto.mil/modernization-priorities/>