

# ***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:***

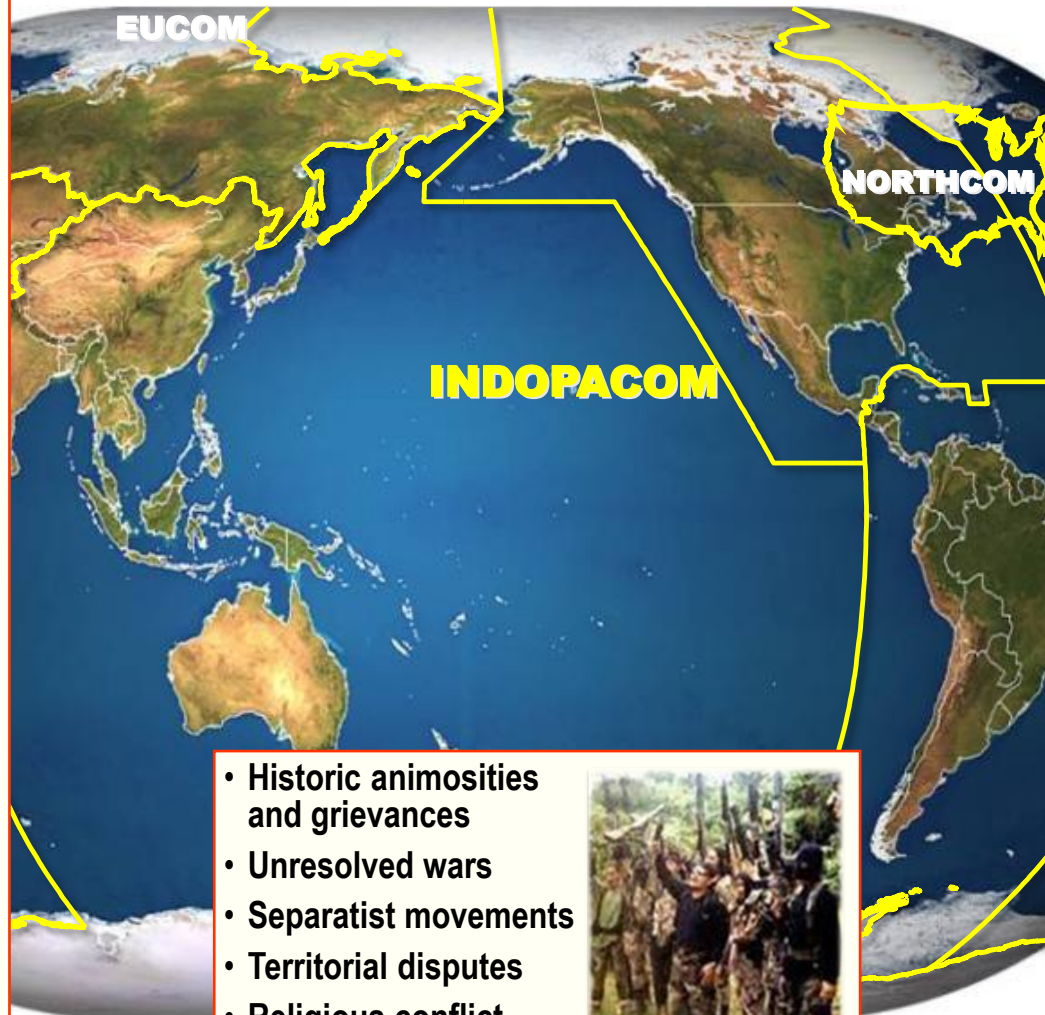
***Declassify on:*** N/A

# 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



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



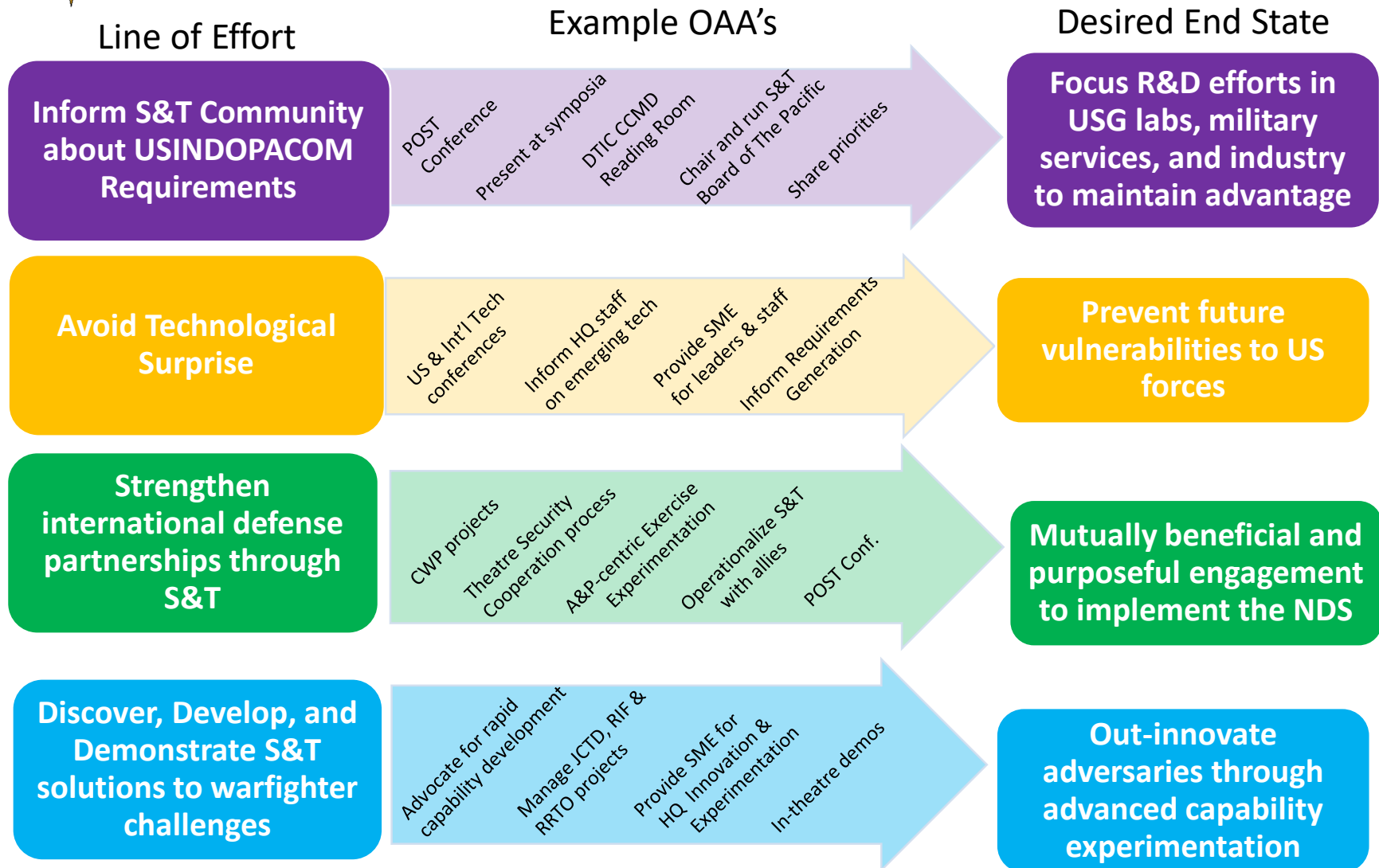
- World's 7 largest armed forces - potent military capabilities
- 2 of 3 largest and 10 of 14 smallest economies
- 5 of 7 U.S. Mutual Defense Treaties





# INDOPACOM Science and Technology Mission and Objectives

ENSURING A FREE AND OPEN INDO-PACIFIC





# ***DOD Modernization Priority Coordinators for USINDOPACOM***

ENSURING A FREE AND OPEN INDO-PACIFIC

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

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