

USPACOM Science and Technology



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Science and Technology
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Military Capabilities that ensure dominance:

- ***Interoperability with allies/partners***
- ***Building partner capacity***
- ***Maritime Security/Domain Awareness***
- ***Integrated Air and Missile Defense***
- ***ISR/Communications in Contested Environment***
- ***Small Satellite Responsive Launch Capabilities***
- ***Data Fusion/ Sense Making Capabilities***
- ***Cyber Defense / Network Security***
- ***Electronic Warfare***
- ***Counter Unmanned Threats***
- ***Assured Navigation***
- ***Space Assurance***
- ***Hypersonic Applications***
- ***Expeditionary Logistics***
- ***... and more***



UNCLASSIFIED

- Defend the Homeland
- Fight Tonight
- Lead Rebalance
- Drive Activities IAW TCO
- Operationalize Theater C2
- Organizational Coherence/Climate

(U) USPACOM Mutual Defense Treaties



S&T solutions are needed to support US treaty responsibilities

5 of 7 U.S. mutual defense treaties in USPACOM AOR

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(U) Counter Transnational Threats

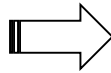
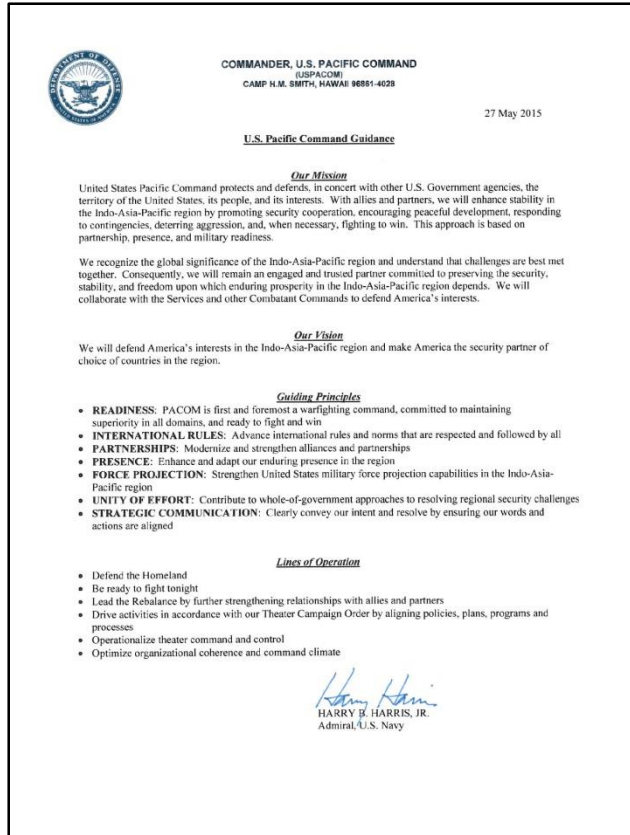


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(U) S&T supports USPACOM Mission



• **Our Mission ...protects and defends... the territory of the United States, its people, and its interests. With allies and partners, ... enhance stability in the Indo-Asia-Pacific region.... This approach is based on partnership, presence, and military readiness...We will collaborate with Services/other CCMDs to defend US interests**

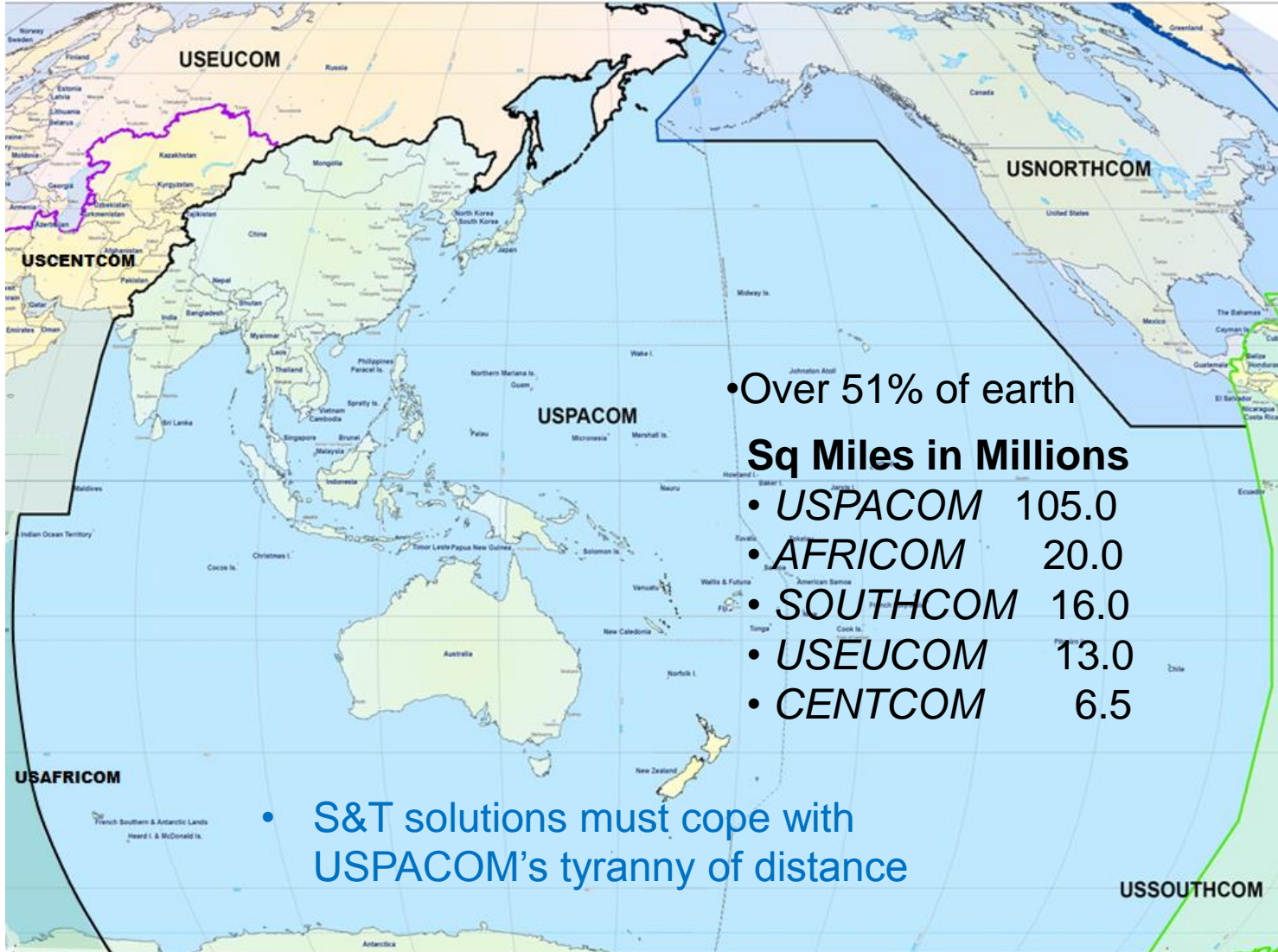
• **S&T is driven by USPACOM Mission**
 –Protect US; stable Indo-Asia-Pacific

• **S&T approach is derived from Mission**
 –Include partners; presence; and collaboration



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(U) USPACOM Tyranny of Distance

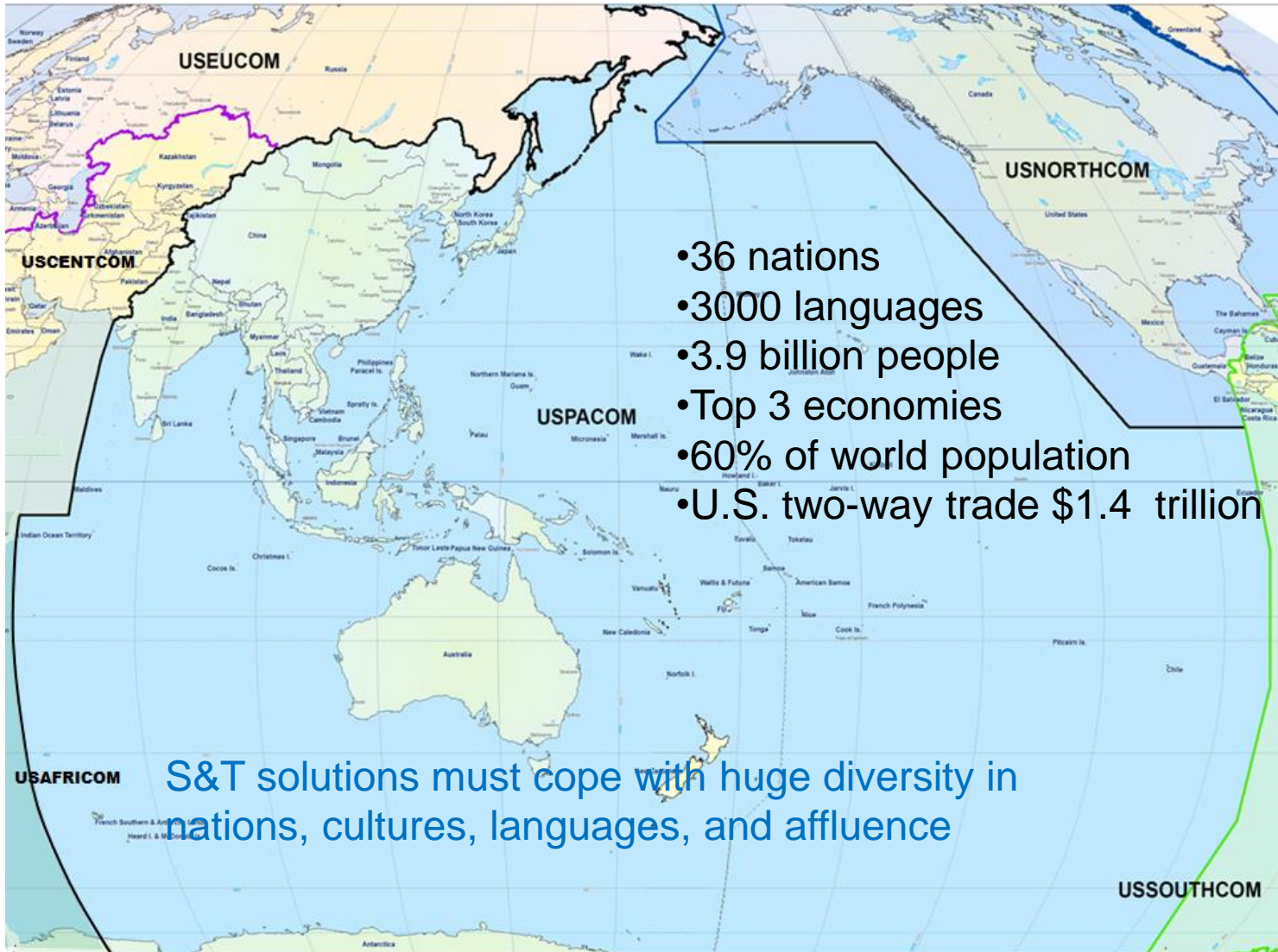




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(U) USPACOM Geopolitics



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(U) Militarization

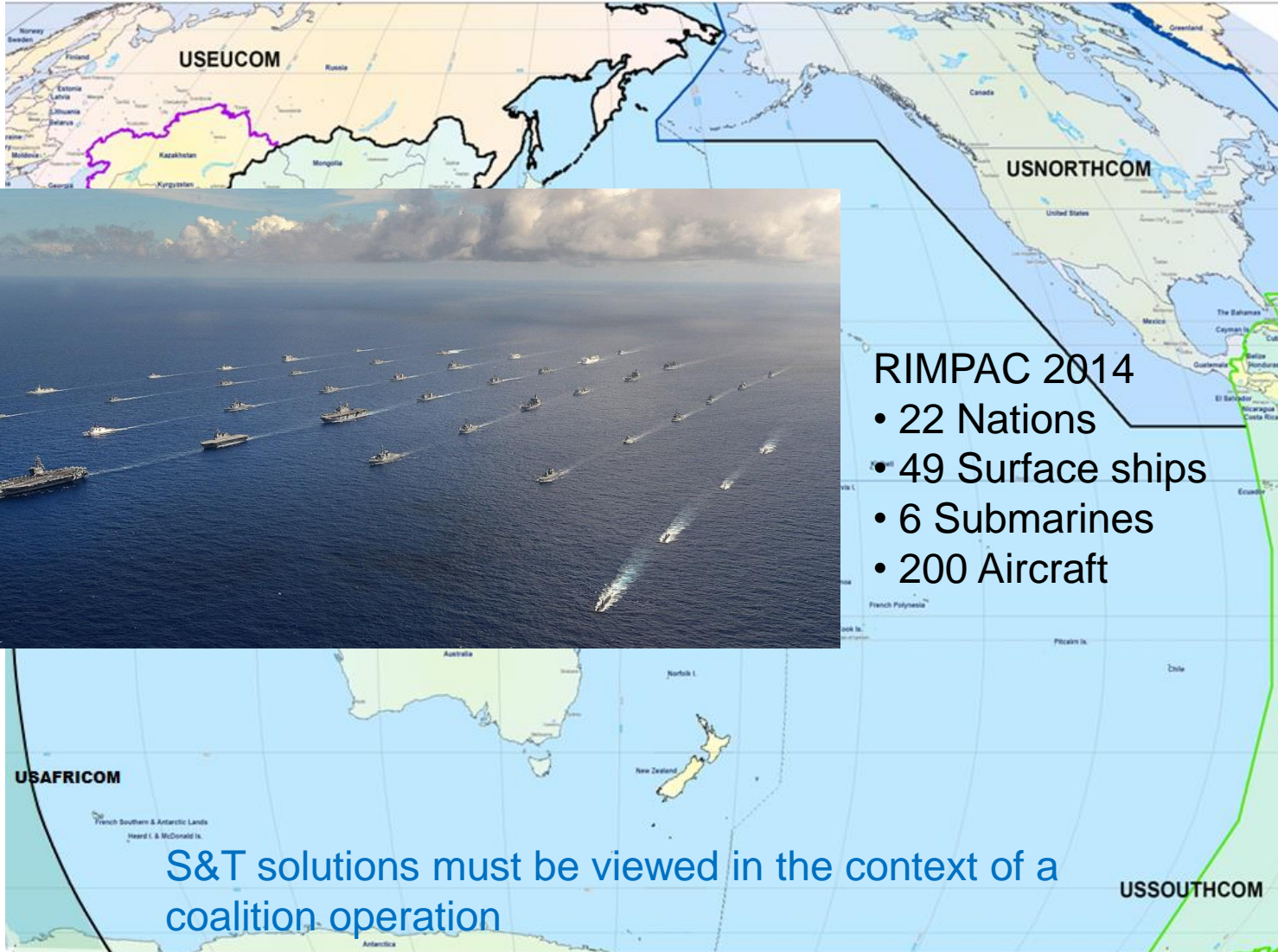


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(U) Interoperability With Partners





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(U) Border Disputes





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USNORTHCOM

USCENTCOM

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USAFRICOM

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Questions?