



The Pacific Fleet Technology Interest Items



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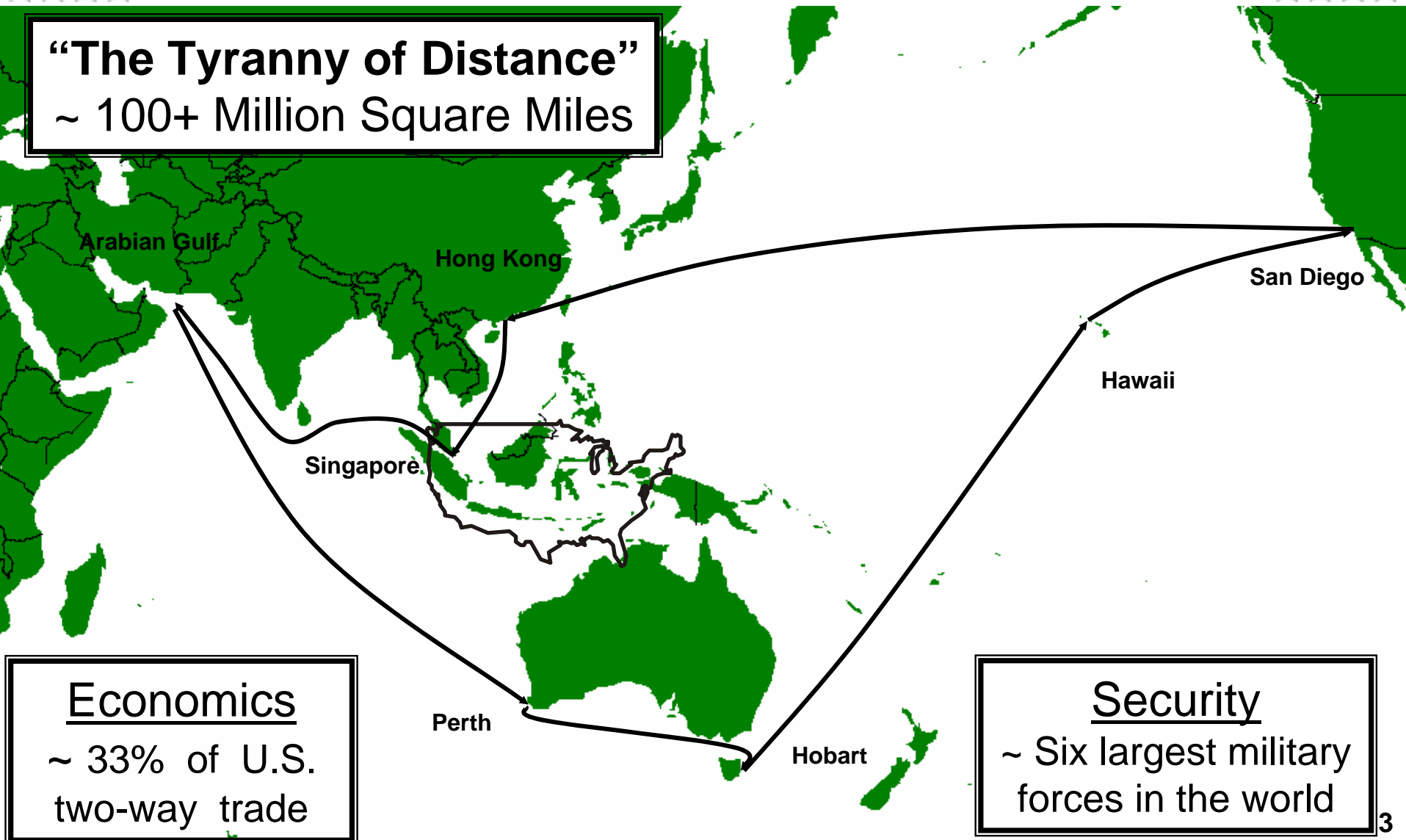
The U.S. Pacific Fleet





The Largest Maritime Theater

“The Tyranny of Distance”
~ 100+ Million Square Miles



Economics

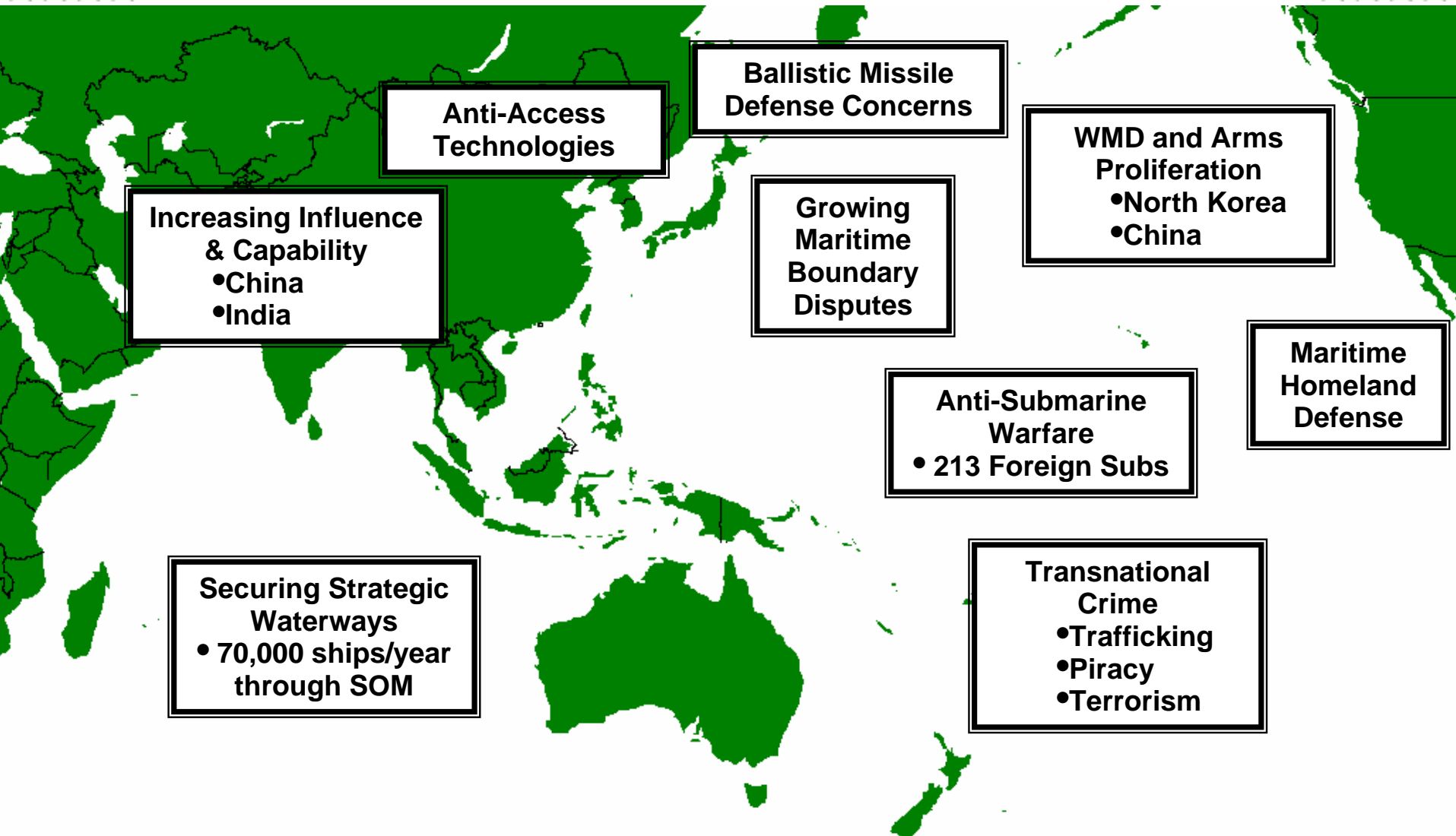
~ 33% of U.S.
two-way trade

Security

~ Six largest military
forces in the world



Strategic Environment





Vision

A credibly led, combat-ready and surge-ready Fleet prepared in peace, crisis or war to advance Asia-Pacific regional security and prosperity through cooperation with common-purpose navies, by responding rapidly to crises, by deterring, or by defeating threats to security through decisive naval, joint, and combined operations.

Mission

U.S. Pacific Fleet advances Asia-Pacific regional security and prosperity by employing credibly led, combat-ready forces in naval, joint and combined operations in support of U.S. Pacific Command.



Guiding Principles

Credible Leadership. Warfighting Focus. Naval, Joint and Combined. Aligned.

Pacific Fleet Priorities

***Strengthen Warfighting Readiness.
Advance Regional Maritime Relationships.
Posture Forces for Agile Response.***



Strengthen Warfighting Readiness *Fleet Exercise Program*



- Training Pacific Fleet Forces



- Testing New Technology and Tactics

- Achieving Theater Engagement Goals



“Always training...always trained.”

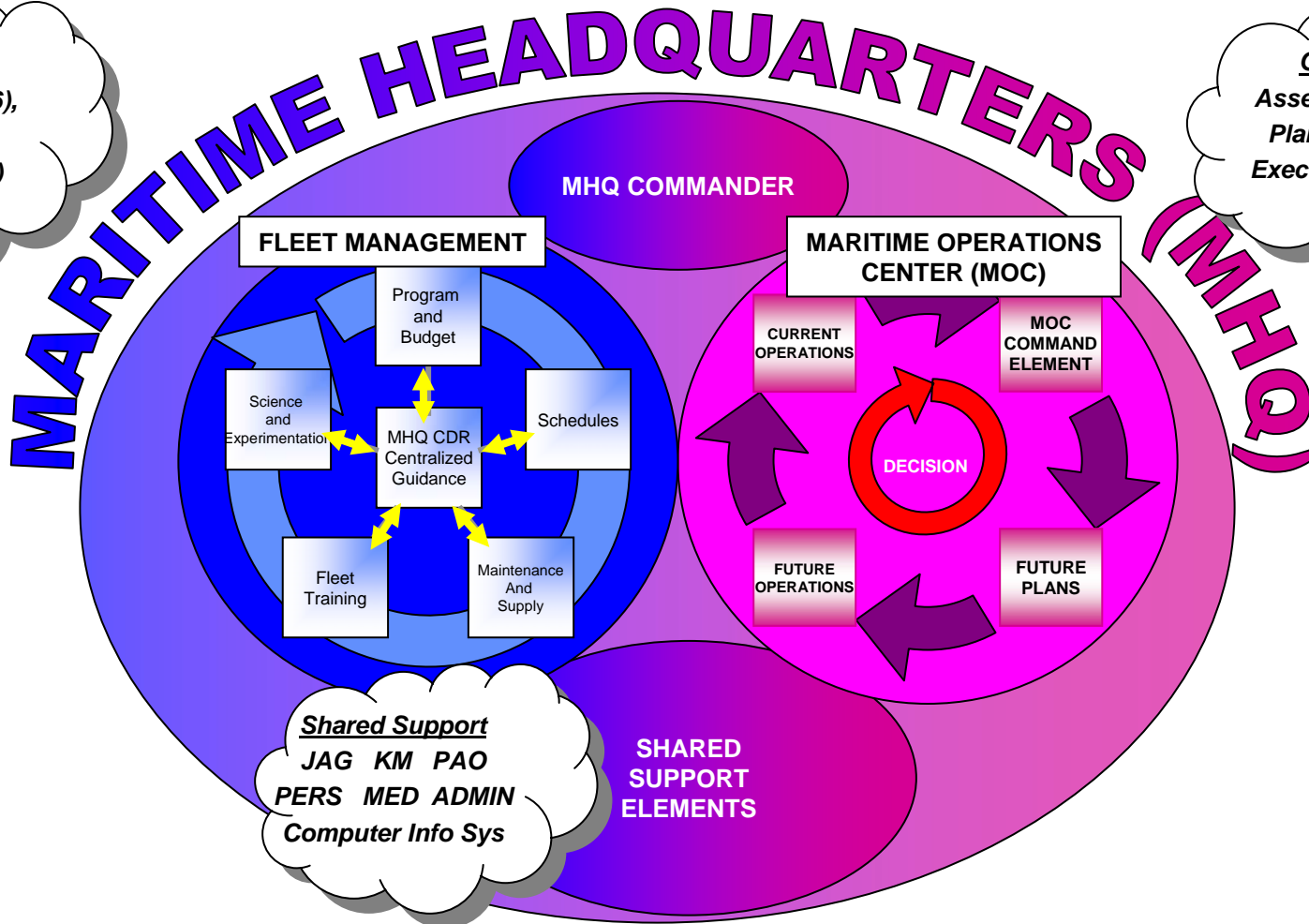


Strengthen Warfighting Readiness CPF MHQ with MOC



Title 10
Maintain (N4/43/6),
Man (N1),
Resource (N6/8)

OPS
Assess (N2)
Plan (N5),
Execute (N3)



Shared Support
JAG KM PAO
PERS MED ADMIN
Computer Info Sys

Fleet Management + MOC + Shared Support Elements + CE = MHQ



Posture Forces for Agile Response



Monitor for and prevent a strategic surprise and to remain prepared for the full spectrum of operations and threats

Execute the comprehensive basing master plan for naval forces in the Asia-Pacific



Leverage posture to assure allies, partners and friends

Dissuading, deterring and remaining prepared to defeat potential adversaries



Technology Interest Areas



- **ASW capabilities**
 - ASW Wide area cueing
 - ASW Weapon Technologies
 - Torpedo Defense
 - ASW Synthetic Training
- **Networking Technologies**
 - Information sharing / Multi-level security
 - Alternative COMMS (SATCOM Vulnerability)
- **Electronic Warfare**
 - Counter Air Defenses
 - Counter Missiles
 - Counter ISR
 - Information Operations
- **Timely Intel reporting**
 - Maintain Situational Awareness
 - Sense, Share, Analyze, Report, Decide
 - Operational Level Command and Control
- **MIW capabilities**
 - Rapid detection and avoidance
 - Change detection
- **Surface Warfare**
 - Improved Anti-Ship Cruise Missile
 - Persistent ISR / OTH-T
- **Marine Mammals**
 - Mitigation Technologies
 - Mammal behavioral science



Influencing Technology Development



- Joint Concept Technology Demonstration (JCTD)
- Rapid Technology Transition (RTT)
- Future Naval Capability (FNC)
- Sea Trial Process
- Engagement with Industry, Academia, DOD, and Agencies
- CEROS...



Questions?

