

# U.S. Pacific Command



## Science and Technology Office

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December 16, 2011



# The Future of Asia- Paicifc



**"Let there be no doubt: in the Asia-Pacific in the 21st century, the United States of America is all in,"**

"The United States is going to be a huge participant in both economic and security issues in the Asia-Pacific region"

- U.S. President Obama



# Mission

U.S. Pacific Command, together with other U.S. Government agencies, protects and defends the United States, its territories, Allies, and interests; alongside Allies and partners, promotes regional security and deters aggression; and, if deterrence fails, is prepared to respond to the full spectrum of military contingencies to restore Asia-Pacific stability and security.





# USPACOM S&T



## Strategy

- **End State:**
  - Strengthen and advance alliances and Partnerships
  - The United States, its territories and interests are protected; and the Asia-Pacific region is stable and secure.
  - Ensure joint capability and readiness to Respond
- Enable the Warfighter
- Avoid technical Surprise



# Overview

1. *Pacific Command*
2. *Ally and Partner Relationships*
3. *Other Focus Nations*
4. *Transnational Threats*
5. *Operational Capability Needs*
6. *The Affordability Issues*
7. *PACOM wants to partner*





# The US Pacific Command



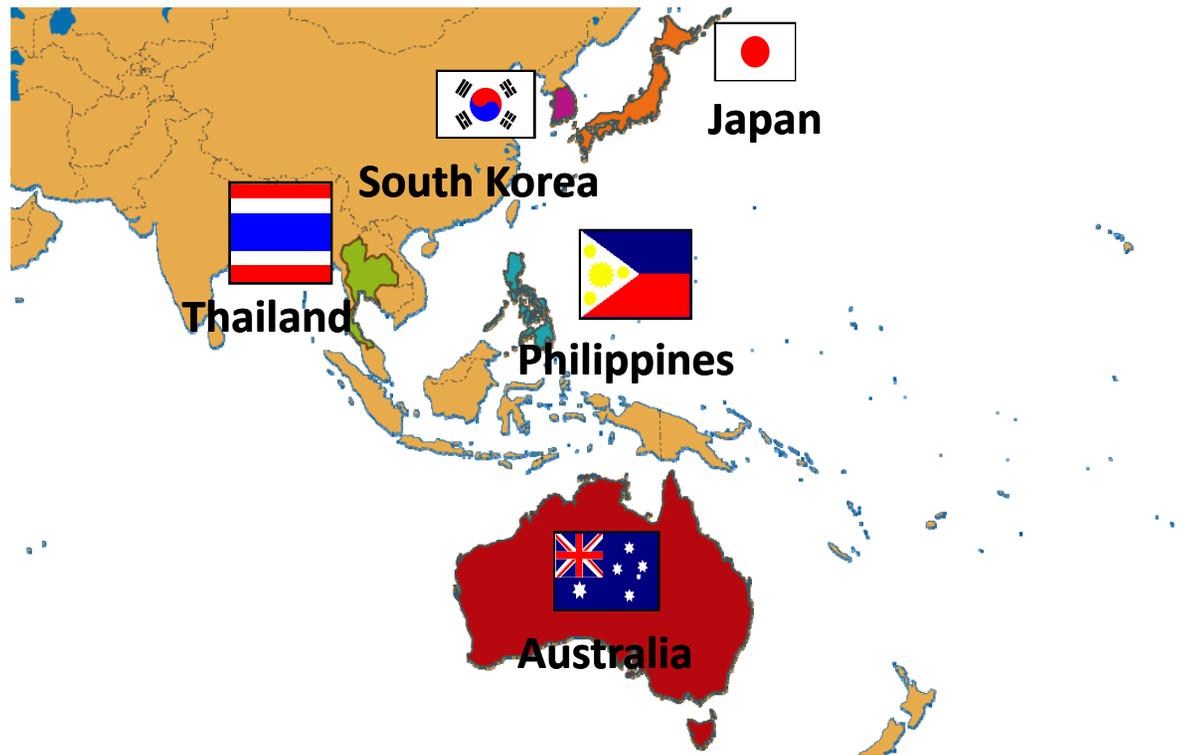
- **36 nations** encompassing half the Earth's surface
- **Home to more than 50% of the world's population**
- **World's three largest economies**
- **Source of about one-third of U.S. trade**



# Ally and Partner Relationship

## Focus Area

- Strengthen existing Alliances and leverage them to shape the environment for building multilateral relationships and a more effective presence.
- Enhance Alliances and partnerships to build capacity over the full spectrum of military activities.
- Promote military professionalism and enhance interoperability among Allies and partners to build trust and increase multilateral effectiveness.





# Ally and Partner Relationship

## Road Map

- Information or data exchange
- Cooperative Projects
- Regional partner observers
- Cooperative technology partnerships
- Multilateral collaborations





# Other Focus Nations

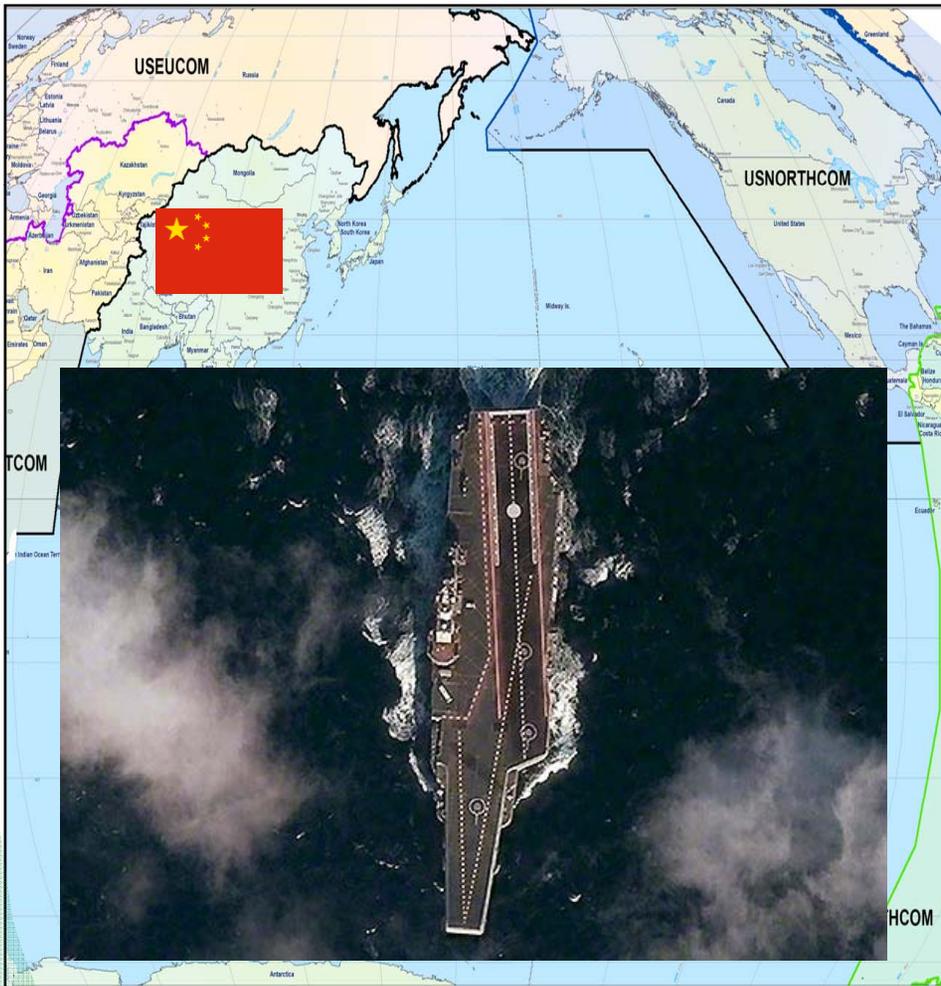
## China

- Modernizing military - Deployed first Aircraft carrier
- Enhancing nuclear force
- Upgrading SA-20 and Fighter jets
- Expansion of interests
- Growing Economic strength and ties
- Regional and global engagement

## Common interests include:

- Counter-piracy, counterterrorism, counter proliferation of WMD.
- Commerce, Economies, lives

*Technology that addresses the evolving issues.*





# Other Focus Nations

## North Korea

- Declining conventional forces
- Developing longer-range missiles, nuclear capability & proliferation
- Internal stability, succession



*Technology that addresses the evolving issues.*





# Other Focus Nations

## India

- Cross-border terrorism
- Essential to maritime security
- Increased defense acquisition

## Common Interests

- Security Cooperation – Arms Sales and potential Co-development and production opportunities
- Maritime security, counterterrorism, defense trade and security of global commons



*Technology that addresses the evolving issues.*



# Transnational Threats

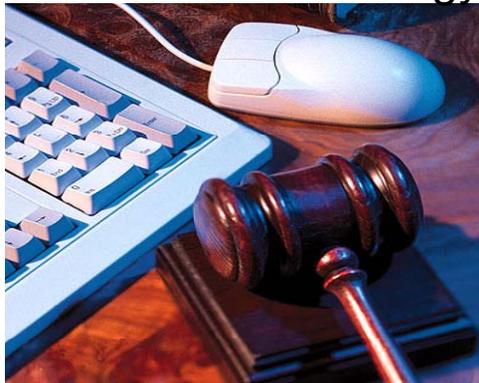
Terrorism/Extremism



Piracy



Information and Technology Crime



Illegal Migration



*How Technology will be employed?*



# Transnational Threats

## Illegal Narcotics



JIATF works jointly with S&T to counter drug trafficking.

## Weapons Proliferation



*How Technology will be employed?*



# PACOM Operational Needs

- **US PACOM seeks a forward deployed, layered, and integrated air missile defense system**
- **Working to establish a solution to detect cyberspace criminal actions.**
- **QDR- Enhanced long range strikes, stand-off weapons, precision attacks**





# Affordability Issues

**“Reductions in US defense spending will not - I repeat, will not - come at the expense of the Asia-Pacific.”**

**– US President Obama**



## **Life Cycle Cost**

1. Initial cost
2. Maintenance cost
3. System integration cost
4. Training cost
5. Partner integration cost
6. Personnel cost
7. Facility cost



# Partnership



“This has been our  
 Australian Defence Force  
 the Obama their capabilities by  
 Administration, combined  
 training with the US Marines  
 the person of the will mean  
 that we will be written in  
 Respond together, along with  
 “The primary of the Asia  
 Pacific, many regional  
 alliances, our including the  
 partnerships, and humanitarian  
 assistance and dealing with  
 - Secretary of State Hillary  
 Clinton Prime Minister Gillard



# Conclusion