Theater Security Engagement Worldwide


Speakers:
- Col. Charles Samaris, USA, Command Engineer, U.S. Southern Command
- Col. James Delapp, USA, Chief, Engineer Division, U.S. Central Command
- Avery Bang, CEO, Bridges to Prosperity
- Lt. Col. Kip Korth, PMP, USA, Deputy Division Chief, Engineer Division, U.S. Africa Command
Pacific Air Forces

Integrity - Service - Excellence

PACIFIC UNITY:
Civil Engineer
Theater Security Engagements

HQ PACAF/A4CX
Readiness Branch
Overview

- Why We’re Here
- PACAF Strategy - Lines of Operation
- Theater Security Cooperation
- A4 Engagement Strategy
- Engagements – How We Do It
- Desired Outcomes/Future Activities
The Asia-Pacific region encompasses 51% of the earth’s surface
- 36 nations, 105 million square miles
- 13 time zones
Why We’re Here

60% of World’s Population

5 of 10 World’s Largest Economies

8 of 10 World’s Busiest Air Routes

5 of 7 U.S. Treaty Allies

7 of 11 World’s Largest Democracies

4 of 7 World’s Nuclear Powers

7 of 10 World’s Largest Armies

4 of 8 World’s Largest Missile Arsenals
Challenges We Face

- Natural Disasters
- Terrorism and Organized Crime
- Drug and Human Trafficking
- Territorial Disputes / Resource Competition
- Rising Powers
- Anti-Access/Area Denial
- Tyranny of Distance
- Historical Context
PACAF Strategy -
Lines of Operations (LOO)

**Core Tenets**
- Expand Engagement
- Increase Combat Capability
- Improve Warfighter Integration

**Lines of Operations**
- Theater Security Cooperation
- Integrated Air and Missile Defense
- Power Projection
- Agile, Flexible Command & Control
- Resilient Airmen

**End State**
- Posture for Contingency Ops
- Ensure Stability & Free Access
- Deter Aggression
- Defend US interests

**Integrity - Service - Excellence**
COMPACAF: “We are engaged in theater security cooperation daily & every Airman overseas is an American ambassador. Achieving a high level of theater security provides a means for access and influence, enabling all three PACAF tenets. We will continue to support security assistance programs for enlisted professional development and the state partnership program. By prioritizing PACAF’s exercise and engagement budget, we will conduct high fidelity in contested, degraded and operationally limited (CDO) training and broaden our robust ties with key allies and joint partners by establishing a multilateral training construct in theater.”
HQ PACAF/A4 TSC Mission & Strategic Priorities

- Mission: Build strong joint and regional relationships that promote integration and stability

- #1 - Building & Strengthening Partnerships
  - Engagement with other countries is first and foremost about building relationships

- #2 – Building Partner Capacity
  - Provide our partners an understanding on operational topics which they may apply to their respective air force

- #3 – Increasing Interoperability – Force Multiplier
  - Through these engagement activities, we are able to learn more about how our partners operate and therefore are better prepared to work together and maximize resources in combined operations in the future
A4 Engagement Strategy

Subject Matter Expert Exchanges

Outreach
Action Officer/Senior Leader

International Agreements

EXERCISES
JCS, Commando Warrior, Silver Flag

Exercise Related Construction (ERC) / ENCAPS / EPPP (HA/DR Positioning)

Building Partner Capacity and Interoperability

Building Partnerships

TARGET: All PACOM countries

FOCUS: General functional topics

TARGET: Prioritized countries based on COMPACAF Strategy

FOCUS: Specific area of functional, progressive interoperability

OVERALL CLASSIFICATION: UNCLASSIFIED//FOUO
Subject Matter Expert Exchanges

- Pacific Unity Subject Matter Expert Exchange (SMEE)
  - Week long event in either JBPHH, AAFB or Tyndall AFB
  - Multiple nations invited to each SMEE
  - Grade Major to Colonel (O-4 thru O-6)
  - Mutual Information exchange NOT TRAINING

- SMEE Topics
  - CE Structure/Organization
  - Tsunami warning/modeling
  - Environmental Security
  - Explosive Ordnance Disposal Operations
  - Airfield repair/maintenance/design
  - Emergency Operations Center
  - Fire and Emergency Services Operations
Outreaches

- Bilateral/Multilateral SMEE with Partner Nation co-hosting event with focus on their specific interests
- Deeper Dive on topics, ie. “Legacy ADR”, CBRN, etc.
- Topic content cleared through Foreign Disclosure Office
- PACAF team selected based on expertise
  - PACAF Staff, 554 RHS Det 1 or Base-level engineers
- Participants required to have familiarity with Host Nation culture, customs and courtesies

Oct 14: Pacific Unity Outreach – Malaysia on Legacy ADR
Engineer Civic Action Program (ENCAP)

- 30-day total-force/joint-multilateral major renovations or new construction
  - School, Clinic, Community Center
  - Community support integral to project long term success
  - Positive impact to local economy

- Planning Conferences – Initial/Final
  - Partnering with Embassy and local Government

- Execution
  - Option to include bilateral / Senior level SMEE
  - Topics identified by Host Nation - HA/DR, etc.

18 CEG constructs school at Puerto Princesa, PI
Pacific Regional Training Center (PRTC)

- Producing Combat Ready Airmen
  - SILVER FLAG - Civil Engineers
  - Deployment Preparation
- Primary Site for PACOM Joint and Allied/Partner Training
  - FY 2015 Partner Nations attend as Observers/Participants
  - FY 2016+ Increase Partner Nation attendance as Participants
Desired Outcomes/Future Activities

- Common understanding of missions, roles and functions (with respect to national security objectives—Humanitarian Assistance/Disaster Response)

- Areas of Cooperation:
  - Engineering Interoperability Demonstrated through Exercises
  - Emergency preparedness and response, recovery operations for contingencies
  - Airfield pavement expertise
  - Environmental Security
  - Strengthening/Sustaining Partner Nation relationships
  - Professional development
It’s All About…

- Building & Strengthening Partnerships
- Building Partnership Capacity
- Increasing Interoperability

...so we, together with our partner nations, can meet and overcome the common challenges of theater security and stability in the Asia-Pacific region.
Questions

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Theater Security Engagement

JETC ~ May 2015

This is an informational briefing and the content is continuously changing. The charts are designed for discussion at time of presentation, not as stand-alone representation of official USSOUTHCOM policies or positions.
A Diverse Region

• Area of Responsibility (AOR)
  – 1/6th of earth’s surface (7.2M mi² of land)
  – 31 countries
  – 15 Dependencies & Areas of Special Sovereignty

• Demographics
  – 476+ million people
  – 170+ million Portuguese speakers
  – 45+ million indigenous peoples

• Economics
  – 9 of 19 U.S. FTAs include AOR nations
  – ~10% of U.S. trade
  – ~30% of U.S. energy imports
  – >$38 billion in remittances

• Cultural Ties
  – U.S. has the 2nd largest Spanish-speaking population in the world (37 million people)
  – Estimated U.S. will be 30% Hispanic by 2050
Lines of Effort

Defend Southern Approaches
Counter Transnational Organized Crime
Counter Terrorism
Humanitarian Assistance / Disaster Relief
Defense Institution Building
Critical Access and Relations
Operations - Exercises – Building Partner Capacity – Key Leader Engagements

End States

Threat approaches to the U.S. homeland and vital U.S. Interests are monitored and if necessary defended.

PN military and/or security forces have the capability and capacity to protect their sovereign territory from Transnational Organized Crime (TOC) threats.

PN military and/or security forces have the capability and capacity to prevent terrorist organizations from threatening stability in the region.

PNs have capability and capacity to conduct humanitarian assistance and disaster relief operations to mitigate the effects of natural and manmade disasters.

The U.S. and International community has freedom of movement and strategic access through the Panama Canal and in the global commons (international maritime, air, and cyberspace domains) throughout the AOR.

US Southern Command is the military partner of choice for AOR states.
UNCLASSIFIED

NGO / Industry Partners

Compressed Earth Block Technology

Academia

Waterway Development and Management
Engineers Downrange...

Solar System – CN Operations Center - Cayo Miskitos, Nicaragua

Hybrid System – Naval Air Station - Punta Coco, Panama

Hybrid System – Naval Operations Center – Calabash Caye, Belize

Emergency Operations Center (EOC) and Disaster Relief Warehouse (DRW) – Tacna, Peru
Theater Security Engagement

JETC - May 2015
U.S. Central Command (CENTCOM) Area of Responsibility

CENTCOM HQ’s – Tampa, FL
CENTCOM Forward HQ’s – Qatar

- Area of Responsibility (AOR)
  - 20 countries spanning three continents and 4.6 million square miles
  - 3 vital maritime choke points (Suez Canal, Strait of Hormuz, Bab al-Mandeb Strait)

- Demographics
  - 550 Million people
  - 18 major languages
  - 4 major religions

- Economics
  - 60% of the world’s proven oil reserves
  - 5% of U.S. trade

- Cultural
  - 22 ethnic groups
  - Highest unemployment rate
Title 22
International Military Training, Foreign Military Aid & Professional Military Education

Title 10
Engagements, Exercises, Deployments & 1203, 1206, and 1207 Programs
CENTCOM Security Cooperation
Joint Manning Military/DOD Civilian

Current Total
Permanent 232
Augmentees~ 203
Case Funded~ 365
TOTAL~ 800

DESIGNATOR COUNTRIES

Military Assistance Program (MAP)
JOR
Office of Defense Cooperation (ODC)
LEB
Office of the Defense Representative, Pakistan (ODRP)
PAK
Office of Military Cooperation (OMC)
BAH, EGY, KAZ, KGZ, KUW, OMN, TAJ, TKM, UZB, YEM
Office of Security Cooperation (OSC)
IRQ
U.S. Liaison Office (USLO)
QAT, UAE
U.S. Military Training Mission (USMTM) & Office of Program Management (OPM)
KSA
Humanitarian Assistance and Emergency Response

- Department of Defense has unique assets & capabilities
- Provide immediate life-saving assistance
- Logistical Support & Transportation
- Delivery of Humanitarian Daily Rations
- Partner with Department of State - USAID & NGO’s

Sinjar Mountain Iraq - Aug 2014

Pakistan Floods - Dec 2010
Construction Programs in AOR

- O&M & Troop Construction ($<1$M) — primary tool
- MILCON – Military Construction ($>$1M)
- LOGCAP – Contracted logistic support
- Construction in Afghanistan
  - ASFF – Afghanistan Security Forces Funding
  - AIF – Afghanistan Infrastructure Fund
  - CERP – Commander’s Emergency Response Program
  - NATO – Funds projects in support of coalition efforts
- CN – Counter Narcotics
- ERC – Exercise Related Construction
- OHDACA – Overseas Humanitarian Disaster & Civic Aid
- FMS – Foreign Military Sales construction
- USAID – Dept of State funded infrastructure projects
Limited appropriated dollars drive a requirement to seek funding from Host Nations and other sources.

* Includes UMMC, CCA, and 2808 Reprogramming Authorizations
CENTCOM Construction Program

AOR Wide
- FY15 $500M+ program
- MILCON, FMS, O&M, Other

Afghanistan
- $500M program remaining thru FY17
- ANA, ANP, AIF, FMS
- + potential new work $500M

Iraq
- Uncertainty
- Mosul Dam

Syria
- Uncertainty
- Decades to rebuild
Theater Security Engagement Panel

Bridges to Prosperity

- Avery Louise Bang, Bridges to Prosperity, CEO
- Todd Wang, CH2M Hill
Why Footbridges?

Improved Access

• School attendance: increase 12%
• Visits to health care facilities: increase 18%
• Pedestrian, livestock traffic: increase 100-500%

Increased Commerce

• Number of retail businesses: increase 15%
• Per capita increase in 2 years: 10-20%
Build to EDUCATE
Build to INNOVATE
Build to INSPIRE
La Tana and Teatro Chiquito are two rural communities in the northern area of Upaqatlán. None of the communities in this region have electricity or running water (though that is slowly changing due to the efforts of the local government). La Tana has a weekly market, a school and the region’s only health center. The people of the smaller community, Teatro Chiquito, had to cross the broad Rio Estaban daily, carrying their products to market, their tools to school or even sick relatives to the hospital. The trip was always risky but when waters were high it was downright dangerous. Locals tell a story of a boy who drowned while trying to come home from school. The people of La Tana and Teatro Chiquito benefited immensely from the construction of a new bridge, allowing them safely to access their fields, their market, their schools and health center.

![Hourly Bridge Usage]

May 1, 2012
Hourly Bridge Usage

May 3, 2012
BRIDGES TO PROSPERITY
BRIDGES TO PROSPERITY
**SAN PASQUAL**

Lead By:
US Navy Seabees,
Philippine Navy Seabees,
community of Barangay San Pasqual
Partner Project

Location: Sarito Tones

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**TAUPAC**

Lead By:
US Army Engineers,
Philippine Army Engineers and the residents of Barangay Tapauc
Partner Project

Location: Masinloc River
Population: 120 people
Expected Traffic: 80 people per day

Footbridge Type:
Suspended
Span: 80m (160.9 ft)

Partners: US Army Engineers, Philippine Army Engineers and the residents of Barangay Tapauc

US PACOM
DoD Partnership with B2P

- Project Assessments in support of CCMDs
- Training & Developing HN Local Capacity
- Logistical & Engineering Support for Military Units
- Monitoring & Evaluation
AFRICOM Engineer Program

- 240 projects and engagements
- 10 programs
- $711M program
- 37 countries

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<th>Projects/Engagements</th>
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<tbody>
<tr>
<td>MILCON (23)</td>
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<tr>
<td>Operations &amp; Maintenance (41)</td>
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<tr>
<td>Exercise Related Construction (15)</td>
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<td>Humanitarian Assistance (99)</td>
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<td>Foreign Military Sales (5)</td>
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<td>Counter Terrorism Partnership Fund (CTPF – 2282) (29)</td>
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<td>Counter Narcotics (9)</td>
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<td>Troop Construction (35)</td>
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<td>Defense Environmental International Cooperation (DEIC) (5)</td>
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## Construction Across the AOR

**FY14-16 planned but not awarded projects**

### Construction Program
- **Military Construction (2)**
- **Exercise Related Construction (6)**
- **1206 / Foreign Military Sales (8)**
- **Humanitarian Assistance (23)**
- **Counternarcotic (1)**

### Contracting Agency

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<th>Army (USACE)</th>
<th>Navy (NAVFAC)</th>
<th>Both</th>
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**Map of Africa showing countries and regions with construction projects.**

Countries with projects marked:
- Senegal
- Mauritania
- Gambia
- Guinea
- Sierra Leone
- Liberia
- Côte d’Ivoire
- Ghana
- Togo
- Benin
- Burkina Faso
- Chad
- Cameroon
- Central African Republic
- Democratic Republic of Congo
- Angola
- Gabon
- Congo
- Congo
- São Tomé & Príncipe
- Equatorial Guinea
- Republic of Congo
- Cameroon
- Nigeria
- Senegal
- Niamey
- Chad
- Sudan
- South Sudan
- Uganda
- Ethiopia
- Djibouti
- Somalia
- Kenya
- Mozambique
- Tanzania
- Malawi
- Zambia
- Namibia
- Botswana
- Zimbabwe
- South Africa
- Swaziland
- Lesotho
- Comoros
- Madagascar
- Seychelles

**Note:** Projects marked with "x3" indicate three planned projects, "x2" indicates two planned projects, and "x1" indicates one planned project.
Questions???