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Agenda

• Area of Responsibility
• Strategic Approach
• Organization
• Engineer Mission Analysis
• JMETL
• Programs
• Staff Integration
• Guiding Principles
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

Latin America, the Caribbean, and the U.S. share common interests and security concerns.
TCO annual proceeds are estimated at nearly $650 billion. Less than 1% of global illicit financial flow is being frozen or seized.
Strategic Approach

SOUTHCOM ENDS
- Homeland and U.S. Interests Defended
- Threat Networks and ESAs Minimally Affect Stability
- Crisis Mitigated
- Alliances & Partnerships Advanced
- Access to Global Commons
- WMD Secured

NATIONAL STRATEGIC GUIDANCE

- Trust, Innovation, Integration, Communication

NETWORKS – RAPID RESPONSE – PARTNER OF CHOICE

UNCLASSIFIED
Command Engineer Organization

**Legend**

- **ACTIVE**
- **USACE**
- **DA CIV**
- **NAVY CE**
- **RC/NG**
- **USAF CE**
- **CTR**

**Plans, Facilities and Programs**
- Lt Col Byrnes
  - Chief
- LTC Herrmann
  - Plans and Exercises
- LTC Vinson
  - DEIC
- Mr. Gamliewiel
  - Facilities and Environmental
- Mr. Sullivan
  - Operational Energy

**Operations and Integration**
- LTC Frey
  - Chief
- MAJ Luckett
  - HCA, State Partnership
- LCDR Chetelat
  - HA, GPOI, MILCON, GTMO
- Maj Mesta
  - CN, ATFP, HAMRA
- Mr. Sanders
  - ERC Mgr, Engineer Technician

**Liaison Officers**
- VACANT
  - USACE LNO
- LTC Flowers
  - SAM DDE - LATAM
- Mr. Maconi
  - NAVFAC

**Theater Support Organizations**
- Theater Construction Engineering Management Cell (19 PAX)
- 416th Theater Engineer Command
- 416th Contingency Response Unit (8 PAX)
- 231st Civil Engineering Flight (12 PAX)
- NAVFAC Contingency Engineering Unit
Mission / JMETL Analysis

**LINES OF EFFORT**
1. STRENGTHEN BLUE NETWORKS
2. ENABLE GREEN NETWORKS
3. BUILD WHITE NETWORKS

**PRIORITIES**
1. NETWORKS
2. RAPID RESPONSE
3. PARTNER OF CHOICE

**ENDURING LOCATIONS**
1. MOB GTMO
2. FOS SCAB
3. CSL COMALAPA
4. CSL CURACAO

**GUIDING DOCUMENTS**
1. NSS / NMS / QDR
2. DOD POLICY / DIRECTIVES
3. JOINT CAPABILITY AREAS
4. JOINT PUBS / UJTL
5. GEF
6. JSCP
7. SC TCP
8. SC TPP
9. CONPLANS

**OPERATIONAL ENGINEERING**

**SUSTAINMENT ENGINEERING**

**THE SIX BASIC TOC FUNCTIONS**
1. Receive information.
2. Distribute information.
3. Analyze information.
4. Submit recommendations.
5. Integrate resources.
6. Synchronize resources.

**5 Criteria of a Valid COA**
1. Adequate — Can accomplish the mission within the commander’s guidance.
2. Feasible — Can accomplish the mission within the established time, space, and resource limitations.
3. Acceptable — Must balance cost and risk with the advantage gained.
4. Distinguishable — Must be sufficiently different from other COAs in main effort focus, direction, and the primary mechanism for mission accomplishment.
5. Complete — Does it answer the questions who, what, where, when, how, and why? End state?
UNCLASSIFIED

Engineer Mission / JMETL

MISSION

Plan, synchronize and resource strategic joint/combined engineer policies, programs, and operations in order to achieve theater campaign and posture objectives.

JOINT MISSION ESSENTIAL TASK LIST

1. ST 5.3.4 - Prepare and Coordinate Theater Strategy, Campaign Plans or Operation Plans, and Orders (including Policies and Standard Operating Procedures [SOP])

2. ST 1.4 - Enhance Mobility

3. ST 4.4 - Provide Sustainment Locations

4. ST 4.4.2 - Coordinate General Engineering

5. ST 5.4.2 - Synchronize Subordinate Forces
## Program Overview

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>PROJECTS</th>
<th>COST</th>
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<tbody>
<tr>
<td>Humanitarian Assistance</td>
<td>FY16 - 22 projects in 10 countries</td>
<td>$13.65M</td>
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<tr>
<td></td>
<td>FY17 - 22 projects in 7 countries</td>
<td>$16.85M</td>
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<tr>
<td>Counter Narcotics Program</td>
<td>FY16 – 14 projects in 12 countries</td>
<td>$16.8M</td>
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<tr>
<td></td>
<td>FY17 – 21 Projects in 8 Countries</td>
<td>$13.6M</td>
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<tr>
<td>Global Peacekeeping Operations Initiative</td>
<td>FY16 - 4 projects in 2 countries</td>
<td>$1.15M</td>
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<tr>
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<td>FY17 - 8 projects in 4 countries</td>
<td>$3.76M</td>
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<tr>
<td>MILCON</td>
<td>FY15 (DFAC /Health Clinic) NAVSTA GB</td>
<td>$23.8M</td>
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<td></td>
<td>FY17 (Migrant Camp / HVD) NAVSTA GB</td>
<td>$33M</td>
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<tr>
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<td>FY19 (Barracks) Soto Cano AB</td>
<td>$36M</td>
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<tr>
<td>O&amp;M Minor Construction</td>
<td>FY15 - 52 projects on 6 Installations and 4 SCO Sites</td>
<td>$17.5M</td>
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<td></td>
<td>FY16 – TBD, data call ongoing (EOY Funds)</td>
<td>$XXX</td>
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<tr>
<td>Exercise Related Construction</td>
<td>FY16 - 3 projects in 2 countries</td>
<td>$366K</td>
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<tr>
<td></td>
<td>FY17 – 8 projects in 3 countries</td>
<td>$844K</td>
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<tr>
<td>Operational Energy</td>
<td>FY15 - 5 projects in 4 countries</td>
<td>$1.7M</td>
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<td></td>
<td>FY 16 – 5 projects in 4 countries</td>
<td>$1.9M</td>
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<tr>
<td>Defense Environmental International Cooperation</td>
<td>FY15 - 6 events in 6 countries</td>
<td>$165K</td>
</tr>
<tr>
<td></td>
<td>FY16 – 10 events in 8 countries</td>
<td>$328K</td>
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</table>
Engineer COP
Cool Work Downrange...

- **Emergency Operations Center (EOC) and Disaster Relief Warehouse (DRW)** – Tacna, Peru
- **Elementary School** - HCA-funded; USMC-constructed, Honduras
- **Hybrid System – Naval Operations Center** – Calabash Caye, Belize
- **Hattieville Emergency Operation Center and Shelter**
- **CN Barracks Zacapa Guatemala**
Mocoron Airfield, Honduras

- Funded by SOUTHCOM J36 Counter Narcotics
- Constructed by Special Purpose Marine Air Ground Task Force
- Certified by USMC and USAF
- Aircraft use by USMC and USAF
- Mission use by Joint Task Force Bravo
JTF Matthew Helipads
A Joint-Interagency Case Study

**Requirement:**
HLZ design to support expansion of rotary capacity for UH-60 (Blackhawk), CH-53 (Super Stallion), CH-47 (Chinook), and HH-65 (Dolphin)

**SOUTHCOM J45 Engineers**
- Training: JEOC, JHOC

**JTF Matthew Engineer**
- Training: JEOC, JHOC

**UROC**
- RFI support with JCMS-derived HLZ design <12hrs
- Provides tele-engineering kit

**CERT (12 PAX)**
- Scope of Work
- Site Adapt Design
- Contracting Officer Representative

**4 x HLZ CH-47/CH-53**

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JEOC – Joint Engineer Operations Course
JHOC – Joint Humanitarian Operations Course
CERT – Contingency Engineering Response Team
UROC – USACE Reachback Operations Center
JCMS – Joint Construction Management System
Guiding Principles

1. We exist to plan and resource Troops-In-Contact

2. We start and end everything with the TCP and TPP

3. We focus our mental energy on strategic critical thinking and problem solving, not tactical execution

4. We always - ask “Who else needs to know”, drive cross-staff communication, and ignore stovepipes

5. We are legal, moral, ethical stewards of taxpayer $$
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