Overview

• Record of Decision (ROD) issued in September 2010
  – Selected NCTS Finegayan, the former FAA parcel and South Finegayan Navy Housing Area for the main cantonment and family housing
  – Deferred a decision on the location of the live-fire training range complex (LFTRC)

• Subsequent DON LFTRC adjustments
  – 24/7 avoidance of Pagat Cave, Trail and Village
  – Application of "probabilistic" methodology - shrunk LFTRC surface danger zones (SDZs)
  – Required relook at other possible LFTRC alternatives

• LFTRC Supplemental EIS (SEIS) initiated in February 2012
Overview

• April 2012 Roadmap Adjustments:
  – 2006 Roadmap: Approx. 8,600 Marines plus 9,000 dependents
    • Majority command elements composed of permanent personnel
  – 2012 Adjustment: Approx. 5,000 Marines plus 1,300 dependents
    • Majority (two-thirds) operational units composed of rotational personnel
  – Adjusted laydown required a reassessment

• LFTRC SEIS expanded in October 2012
  – Main cantonment and family housing
  – Utilities and other infrastructure
Overview

- 2010 ROD decisions which remain final and not subject to further analysis in the SEIS:
  - Apra Harbor wharf improvements
  - Marine Corps & Air Force aviation assets/facilities at Andersen AFB
  - Non-live fire training at Andersen South and Naval Magazine
  - Four training ranges on Tinian (subject of CJMT EIS)

SEIS does not include CVN transient berthing or Army and Air Missile Defense Task Force
USMC Development Plan

Existing DOD properties are "white areas"
**Making Progress...**

**ONGOING DOD CONSTRUCTION PROJECTS**

<table>
<thead>
<tr>
<th>AMOUNT</th>
<th>COMPLETED</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>$323M</td>
<td>$269M</td>
<td>83%</td>
</tr>
</tbody>
</table>

- Port of Guam Improvements
- Defense Access Roads
- Utilities & Site Improvements
- Wharf Projects
- Military Working Dog Facility
- Utilities & Site Improvements (North Gate)
- North Ramp Utilities & Parking
- Aircraft Maintenance Hangar
- North Ramp Utilities & Site Improvements
- Andersen South Projects

**...Building Momentum**

**PLANNED CONSTRUCTION PROJECTS**

<table>
<thead>
<tr>
<th>FY 14 PROGRAM</th>
<th>$200M</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY15+ PROGRAM</td>
<td>TBD</td>
</tr>
</tbody>
</table>
NBG Apra Harbor

Apra Harbor Wharf Improvements
Increment I (Uniform & Tango), NBG

Construction Complete: 95%
Planned Completion: Winter 2014
Contract Amount: S$3M
Contractor: Guam MACC Builders A JV

Scope of Work:
Provide infrastructure, wharf improvements, and utilities to allow small boat berthing for "extended" transient ships, which includes wharf strengthening (sheet piling, anchor wall and soil densification), tender system, utility trenches, and paving on Uniform and Tango Wharves

Current Activities:
- Security fence installation
- Pre-Final inspection of wharves

Before
Uniform Wharf I has not been in operation since 1994 after sustaining severe earthquake damage to its structure and pavement.

After
This project provided wharf improvements and utilities at Uniform and Tango Wharves to allow small boat berthing for "extended" transient ships, primarily the Amphibious Ready Group and its combatant escort ships.
**NBG Apra Harbor**

**Utilities and Site Improvements (Apra Harbor Utilities), NBG**

- **Construction Complete:** 99%
- **Planned Completion:** Winter 2014
- **Contract Amount:** $750M
- **Contractor:** Hassel Phelps Granite JV

**Scope of Work:**
- Provide primary shore utility infrastructure on Victor, Uniform, Tango, and Sierra Wharves to include water, sewer, power, slipon, compressed air and utility trenches, an administrative support building in support of the USMC expansion capability package.

**Current Activities:**
- Tanoa utility trench waterproofing
- Final inspection of various utility structures

---

**Apra Harbor Wharf Improvements Increment II (Tango Repairs), NBG**

- **Construction Complete:** 39%
- **Planned Completion:** Spring 2014
- **Contract Amount:** $14M
- **Contractor:** Overland Federal, LLC

**Scope of Work:**
- Provide infrastructure, wharf improvements, and utilities to allow cold-stow berthing for "extended" transient ships, which includes wharf strengthening, mooring systems, utility trenches, and concrete piling on remaining Tango Wharf (over 300 feet).

**Current Activities:**
- Linking of wharf bulkheads for tie rods
- Welding of long and short piling
- Trenching communication line to Cable Hut
Construction Complete: 76%
Planned Completion: Winter 2014
Contract Amount: $8.1M
Contractor: Pacific West Builders

Scope of Work:
Replace military working dog facilities displaced due to swing of USMC embarkation area of Apra Harbor with "administration building, 9 kennels, obedience training course, and solar PV array"

Current Activities:
- Interior work at Administration Building
- Installation of awnings, fencing & light poles

USMC Welcome Center
North Ramp Parking
Increment I, AAFB

Construction Complete: 99%
Planned Completion: Spring 2014
Contract Amount: $78M
Contractor: Parsons/Weinman/A JV

Scope of Work:
- Provides aircraft parking apron with shoulders, lighted taxiways, access apron, engine check pad, airlifter-engine pad, and wash-blast facility

Current Activities:
- Commissioning of Wash/Blast Facility
- Placing of hot mix asphalt at Parking Apron
- Foundation work for high mast lighting

North Ramp Parking
Increment II, AAFB

Construction Complete: 1%
Planned Completion: Summer 2015
Contract Amount: $20M
Contractor: Guam MACE Builders A JV

Scope of Work:
- Provides aircraft fueling stations and hose facility

Current Activities:
- 100% Design
- Field Office swing work
- Underground explosive safety survey
Utilities and Site Improvements (North Gate), AAFB

- Construction Complete: 58%
- Planned Completion: Spring 2014
- Contract Amount: $26M
- Contractor: Hensel Phelps Granite JV

Scope of Work:
Provide entry control point to USMC facilities at AAFB North Ramp area, which includes entry control facility, gates & ID office, vehicle inspection facility, explosives station, Route I & intersection, roadway paving (L2 miles) and streetlights.

Current Activities:
- Structural work on Vehicle Queueing Facility
- Interior work of Pass & ES Building
- Roadway grading

North Ramp Utilities Increment I, AAFB

- Construction Complete: 79%
- Planned Completion: Fall 2014
- Contract Amount: $8.7M
- Contractor: Quan Pacific International, LLC

Scope of Work:
Provides water and sewer infrastructure to meet increased demands due to USMC Aviation Combat Element personnel at the AAFB North Ramp Area.

Current Activities:
- Installation of lift station generator & 13 KV feeder
- Structural work of Generator Building
- Laying of water & sewer distribution lines
Scope of the SEIS

- LFTRC
- Main cantonment, including family housing
- Supporting utilities and infrastructure needs and associated mitigation
- 2010 ROD decisions which remain final and not subject to further analysis in the SEIS:
  - Apra Harbor wharf improvements
  - Marine Corps & Air Force aviation assets/facilities at Andersen AFB
  - Non-live fire training at Andersen South and Naval Magazine
  - Four training ranges on Tinian (subject of CJMT EIS)

SEIS does not include CVN transient berthing or Army and Air Missile Defense Task Force
SEIS Alternatives

Preliminary LFTRC Alternatives

Preliminary Main Cantonment and Housing Alternatives

Existing DOD properties are "beige areas" on map
SEIS PROCESS

• Alternatives Design and Evaluation
  – Concept Development Plans
  – Based on USMC requirements, DoN “Four Pillars,” known infrastructure and environmental factors, scoping input from GovGuam, Guam public and resource agencies
  – Cantonment / Family Housing Alternatives Carried Forward
    • Alternative A: Finegayan
    • Alternative B: Finegayan / South Finegayan
    • Alternative C: AAFB
    • Alternative D: Barrigada
  – LFTRC Alternatives Carried Forward
    • Alternative 1: Route 15(A)
    • Alternative 2: NAVMAG East/West
    • Alternative 3: NAVMAG North/South
    • Alternative 4: NAVMAG L-Shaped
    • Alternative 5: AAFB Northwest Field
### SEIS PROCESS

- **Studies – 18 Resource Areas** *(same as 2010 FEIS)*

<table>
<thead>
<tr>
<th>Geological and Soils</th>
<th>Recreational Resources</th>
<th>Marine Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Resources</td>
<td>Terrestrial Biological Resources</td>
<td>Utilities</td>
</tr>
<tr>
<td>Air Quality</td>
<td>Marine Biological Resources</td>
<td>Socioeconomic and General Services</td>
</tr>
<tr>
<td>Noise</td>
<td>Cultural Resources</td>
<td>Hazardous Material and Waste</td>
</tr>
<tr>
<td>Airspace</td>
<td>Visual Resources</td>
<td>Public Health and Safety</td>
</tr>
<tr>
<td>Land and Submerged Land Use</td>
<td>Ground Transportation</td>
<td>Environmental Justice and Protection of Children</td>
</tr>
</tbody>
</table>
SEIS Process

• Analysis
  – Individual Alternative Impacts
  – Additive Impacts (Combinations of individual alternatives)
  – Collective Impacts (Incorporates 2010 ROD)
  – Cumulative Effects
• Proposed Mitigation
• Preferred Alternative Identification
  – DoN's current belief of alternative combination that would fulfill its statutory mission and responsibilities, giving consideration to economic, environmental, technical and other factors
  – All alternatives carried forward continue to be studied
  – May change prior to release of FEIS as additional information is discovered.
### Key Differences Between 2010 FEIS and 2014 DSEIS

<table>
<thead>
<tr>
<th>2010 Final EIS</th>
<th>2014 Draft SEIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximately 8,600 Marines and 9,000 dependents relocating over 5 years</td>
<td>Approximately 5,000 Marines and 1,300 dependents relocating over 5 years</td>
</tr>
<tr>
<td>7-year intense construction boom followed by sharp decline</td>
<td>15-years of moderate construction activity with gradual phase out</td>
</tr>
<tr>
<td>More than 79,000 new Guam residents at peak</td>
<td>Less than 10,000 new Guam residents</td>
</tr>
<tr>
<td>More than 33,000 additional Guam residents</td>
<td>Approximately 7,400 additional Guam residents</td>
</tr>
<tr>
<td>2,680 acres at Piti preferred alternative</td>
<td>1,452 acres at Piti preferred alternative</td>
</tr>
<tr>
<td>Acquisition of 688 acres of non-federal land at Piti preferred alternative</td>
<td>No land acquisition at Piti preferred alternative</td>
</tr>
<tr>
<td>3,519 acres for Route 15 preferred alternative (4,439 acres in 517zs, mostly over ocean)</td>
<td>No land acquisition at Northwest Field preferred alternative</td>
</tr>
<tr>
<td>Acquisition of more than 1,000 acres of non-federal land at Route 15 preferred alternative</td>
<td>No land acquisition at Northwest Field preferred alternative</td>
</tr>
<tr>
<td>20 megawatts</td>
<td>5.7 megawatts</td>
</tr>
<tr>
<td>5.82 million gallons/day</td>
<td>1.7 million gallons/day</td>
</tr>
<tr>
<td>2.6 million gallons/day</td>
<td>1.2 million gallons/day</td>
</tr>
<tr>
<td>165,600 pounds/day</td>
<td>56,250 pounds/day</td>
</tr>
<tr>
<td>4 alternative sites in EIS analysis, all in same vicinity</td>
<td>4 alternative sites in 3 different areas on Guam</td>
</tr>
<tr>
<td>EIS Alternatives: Carriotsment</td>
<td>EIS Alternatives: LFTRC</td>
</tr>
<tr>
<td>2 alternative sites in EIS analysis, both in same vicinity</td>
<td>5 alternative sites in 3 different areas on Guam</td>
</tr>
</tbody>
</table>
Key Differences: 2010 FEIS v. 2014 DSEIS

![Graph showing population increase]

- **SEIS Total Population**
- **2010 Final EIS Total Population**
SEIS Construction Specifics

- DSEIS and supporting rSIAS are in draft form
  - Will be revised and updated for Final SEIS
  - Comment submission
- Projected Annual construction budget range
  - Low of $61M in 2015 with Max $693M in year 2021
  - 13 years of planned construction 2015 through 2028
  - Caveats i.e. subject to congressional funding
- Projected Construction Employment Data
  - 7,031 Full Time Employment at the construction peak
- Projected Post-Construction Employment Data
  - 1,438 permanent jobs after construction complete
What's Next

• Public Review of DSEIS – 60 Days
  – [www.guambuildupeis.us](http://www.guambuildupeis.us)
  – Hard copies: Flores Library, UoG Library, Guam Legislature
  – Three Public Meetings held

• Comments may be submitted:
  – Written comments mailed via U.S. Postal Service to:
    Joint Guam Program Office (Forward)
    P.O. Box 153246
    Santa Rita, GU 96915
  – On-line submission at SEIS Website: [http://guambuildupeis.us](http://guambuildupeis.us)

• Comment Period Ends June 17, 2014
Questions?