Brownbag Seminar

March 22, 2010, USDA Economists Group

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USDA Foreign Agricultural Service
Office of Global Analysis
Outline

1. What happened?
2. What is Southcom?
3. How did it work in Haiti?
4. What was my role?
5. How does it work?
6. What’s next for Haiti?
Background on Haiti Earthquake

- Earthquake of magnitude 7.0 hit just 10 miles WSW of Port-Au-Prince, at 4:53 PM Tuesday January 12. It’s Haiti’s first earthquake in nearly 50 years.

- Fatalities total over 200,000; over 300,000 injured.

- The entire workings of the Haitian government and MINUSTAH (the UN security and development presence of nearly 10,000) were seriously damaged and barely functioning.
Damage to all transport systems

Courtesy North Shore Journal
Southcom coverage: Caribbean + everything south of Mexico
Initial Response: Rescue and Relief

USAID  Southcom  State

Commerce  USDA  HHS
USDA Response: Plan for Reconstruction
Cooperation Needed

USAID  USDA  State
Commerce  Southcom  HHS

WFP  UNOCHA  FAO  MINUSTAH
NGOs  GoH  IICA  Other countries

USDA Foreign Agricultural Service
Office of Global Analysis
Southcom: Resources + Experience

1) Get transport working
   a. Airport
   b. Marine port

2) Get SAR, medical teams on the ground

3) Relief supplies
   a. Food
   b. Water
   c. Medical

4) Security – internal

5) Security – external. Invasion of boat people?

6) Coordination between all the players.
MUB: Mission Update Brief

1. General Fraser led the meeting
2. JTF Haiti DVC
3. All geographic units reported
4. All directorates reported
Task Organization

In support of the Government of Haiti ICW the United Nations

Operation UNIFIED RESPONSE

As of: 09 0500 FEB 10
Weather Operational Impacts

Operation UNIFIED RESPONSE

- Partly cloudy skies marginal impact ISR

As of 090700 FEB 10

UNCLASSIFIED
The overall situation will remain calm and continues to improve in all areas. Shelter and medicine remain top priorities for Haitians and relief agencies. Criminal elements will continue to re-group and compete for territory; violent crime will remain in traditional high crime areas of Cite Soleil, Martissant, La Saline, and Bel Air. Food prices will likely continue to increase where supply is low, and decrease where supplies are high. No mass migration from Haiti is expected in the near term.

**Security/Threat Activity**
- No security incidents at DP
- Inter-gang violence reported in Martissant; Initial reports indicate up to 5 gang members killed
- Armed escorts of US convoys between PaP and the Dominican Republic will reportedly cease today; convoys and shuttle service will continue with local guards patrolling routes as necessary

**Infrastructure**
- IFRC reporting indicates an estimated 80,000 people in Leogane and 30,000 in Jacmel require shelter

**Medical**
- Doctors expressed concern over the potential for an outbreak of tuberculosis.
- Haiti has the most reported cases of tuberculosis out of any country in the western hemisphere.

**Governance**
- Food prices, including wheat and bread, have increased in some areas outside of Port au Prince; prices continue to decline in Port au Prince
- Cuba and Venezuela supplying generators to Saint Marc

**Migration/Internal Relocation**
- Sailboat carrying 62 Haitians was intercepted off the coast of the Bahamas
- No indications of mass migration

As Of: 09 0700 FEB 10
22d MEU

PAST 24 HOURS
• 22d/24th MEU Commanders turnover brief in Carrefour conducted
• 22d MEU CO conducted visual RECCE of ISB security mission
• 22d MEU CO attended MINUSTAH augmentation meeting
• Completed RIP with 24 MEU in Carrefour, WFP DPs, ISB, and IAF
• Tank Plt/India Co turned over IAF security to 209th MP Co
• Support FRAGO 065 Task 4 (Recovery of Operation Superbowl equipment)
• WFP Push (Day 9)

NEXT 24 HOURS
• Continue support to WFP DPs 1 and 16
• Continue security mission at ISB
• Continue force sustainment operations in AO
• Aviation Op Pause / Safety Stand-down
• WFP Surge (Day 10)

OPERATIONAL METRICS
• Today:
  • 8,740 1L bottle equiv of water
  • 6,330 pounds of rations
• To Date:
  • TWPS- Produced 92,779
  • 484,035 1 L bottle equiv of water
  • 1,210,195 pounds of rations
  • 6,987 pounds of supplies
  • 18,924 pounds of medical supplies
  • 50 gallons of fuel
  • 61 patients seen

As Of: 09 0700 FEB 10
Day-to-Day Work

1. Information flow between USDA and Southcom/J9
   Interagency effort:
   i. High level (personal). Get the MUB slide updated.
   ii. Sitreps, classified and unclassified
   iii. Intel

2. Economic analysis of situation and agriculture

3. Mango exporters

4. In-kind donation

5. Briefing on FAS functions
Status of Ports in Haiti

Source: US Department of Homeland Security, Commander, Atlantic Area
## FACILITY STATUS MATRIX

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Type</th>
<th>Current Status</th>
<th>Future Plans / Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FaP APN South Pier</td>
<td>Gen Cargo</td>
<td>Partially Available</td>
<td>South Pier is currently working within the confines of USN's structural parameters. 24/7 ops ongoing. The first phase of the Crowley barge plan began 2/6 when the first deck barge (400' x 100') arrived for positioning alongside the north face of the south pier. Phase two will begin when the second (400' x 100') barge arrives on 2/18 to join the first to complete an 800' x 100' temporary dock w/a crawler crane. RESOLVE MARINE continued salvage work alongside the North Pier (forward) in preps for crane removal.</td>
</tr>
<tr>
<td>FaP APN North Pier</td>
<td>Container- Break-Bulk RO/RO</td>
<td>Not Available</td>
<td>Collapsed.</td>
</tr>
<tr>
<td>Texaco &amp; National (THOR) Bulk Oil / LPG Facility</td>
<td>Bulk Oil / LPG / Diesel / Av Gas</td>
<td>Partially Available</td>
<td>Continues 24-hr transfer offload operations. Thor is fully functional for transfer operations. Facility requires permanent repairs in order to be fully available.</td>
</tr>
<tr>
<td>Varreux Bulk Oil / LPG Facility</td>
<td>Bulk Oil / LPG / Diesel / Av Gas</td>
<td>Partially Available</td>
<td>Accepting dry cargo. Repairs initiated. TAV IVER PROGRESS completed first successful transfer since earthquake. Varreux is fully functional for transfer operations. Facility requires permanent repairs in order to be fully available.</td>
</tr>
<tr>
<td>Cimenterie Nationale (Cement Facility)</td>
<td>Cement</td>
<td>Fully Available</td>
<td>Planning on 24 hour operations--managed via the Govt. of Mexico.</td>
</tr>
<tr>
<td>Les Moulins D’Haiti (Grain Facility)</td>
<td>Grain Processing</td>
<td>Not Available</td>
<td>Severe damage to grain processing equipment.</td>
</tr>
<tr>
<td>Le Ciment de Sud (LCS South) Cement Facility</td>
<td>Cement</td>
<td>Not Available</td>
<td>Facility was heavily damaged and reported not active prior to earthquake.</td>
</tr>
<tr>
<td>Gold Beach</td>
<td>LCU Transfers</td>
<td>Fully Available</td>
<td>Receiving heavy equipment.</td>
</tr>
<tr>
<td>Military Temp. Landing Area (Red 1, 2 &amp; 3)</td>
<td>LCU Transfers</td>
<td>Fully Available</td>
<td>Resumed 24/7 operations.</td>
</tr>
<tr>
<td>Alternate Port Name</td>
<td>Port Status</td>
<td>Future Plans / Notes</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
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<td>--------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Lafiteau</td>
<td>Fully Available</td>
<td>This port has two sections of pier, 30m LOA, water depth is 10 meters. Older, stable main pier has the damaged drybulk loading tower, which is being torn down—completion date (2/5). This will allow mooring for side load Ro/Ro and/or Lo/Lo ops. Offshore mooring buoys are present and can moor 160m vls. Facility is approx 10 miles north of PaP (APN), road is paved and good.</td>
<td></td>
</tr>
<tr>
<td>St. Marc</td>
<td>Fully Available</td>
<td>2.5 Hour Transit from PaP. Serves local area.</td>
<td></td>
</tr>
<tr>
<td>Labadee</td>
<td>Fully Available</td>
<td>Receiving Cruise Ships and Relief Cargo.</td>
<td></td>
</tr>
<tr>
<td>Gonaives</td>
<td>Fully Available</td>
<td>Primarily serves small local area.</td>
<td></td>
</tr>
<tr>
<td>Port de Paix</td>
<td>Fully Available</td>
<td>Primarily serves small local area.</td>
<td></td>
</tr>
<tr>
<td>Cap Haitien</td>
<td>Fully Available</td>
<td>Single Cargo Crane and Single Road Access.</td>
<td></td>
</tr>
<tr>
<td>Jacmel</td>
<td>Fully Available</td>
<td>Pier measured 175 ft in length, 10ft pier height and a max depth along the pier of 20ft. The UN on scene is providing security with a Canadian medical unit treating the local population.</td>
<td></td>
</tr>
<tr>
<td>Petit Goave</td>
<td>Partially Available</td>
<td>Pier has collapsed but Ro/Ro ramp is accessible and has been used by LCUs and LCM &quot;MIKE boats&quot;. Ramp in moderate condition but only flat bed or box trucks should be used.</td>
<td></td>
</tr>
<tr>
<td>Miragoane</td>
<td>Fully Available</td>
<td>Primarily serves small local area.</td>
<td></td>
</tr>
</tbody>
</table>
Immense Resources Available

- DOD
- USDA
- State & USAID
- FAS

$ billions:
- DOD: $700 billions
- USDA: $100 billions
- State & USAID: $30 billions
- FAS: $0 billions
Navy Engineers for Pier Repair

Tents to accommodate U.S. Navy Sailors from Amphibious Construction Battalion (ACB) 2 are photographed at "White Beach" on Varreoux Beach, Port Au Prince Haiti, Feb. 21, 2010.
Families Given Food on 15Feb (by Distribution Point):
As reported by NGOs

<table>
<thead>
<tr>
<th>Location</th>
<th>15FEB10</th>
<th>16FEB10</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2,982</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 – 3,112</td>
</tr>
<tr>
<td>4</td>
<td>1,696</td>
<td>13 – 1,700</td>
</tr>
<tr>
<td>5</td>
<td>3,384</td>
<td>16a – 3,400</td>
</tr>
</tbody>
</table>

HIGHLIGHTS:
- 8 of 9 Distribution Points open 15Feb
- 16Feb will be the first day of distribution to Kenscoff; mountainous region south of PaP

FUTURE SCHEDULE:
- 16Feb: All 9 DPs scheduled to be open
- 20Feb: Last day of Phase IB Surge
Logistics

Operation UNIFIED RESPONSE

PaP Barge 410
“APN Red Dock”
- Fully Mission Capable 13 FEB near PaP South Pier. The Pafilia was the first ship to discharge cargo using the barge pier. This will increase speed of discharge.

Logistics Efforts
Current
- Crowley Barge project
Logistics Sync w/JTF-Haiti
- AAFES load on o/a 25 Feb
Interagency Logistics Support
- Debris Removal Strategy Plan
Getting Food to People Essential

Courtesy Southcom

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Getting Shelter Also Key

Courtesy Southcom
Unity of Effort
(Interagency, International & Non-Governmental)

**DOS:**
- Canadian PM Harper began a two-day visit 15 Feb and will meet with Pres. Preval and PM Bellerive.
- Haiti is Canada’s 2nd-largest aid recipient after Afghanistan.
- Haiti’s state of emergency is scheduled to expire on 16 Feb.

**HHS:**
Health & Human Services ‘Disaster Medical Assistance Response Teams are scheduled to completely demobilize by end of Feb.

**UN:**
- WFP announced the establishment of a Task Force for Food Security in Haiti. The Task Force will support GOH in the implementation of a concerted, coherent and targeted, immediate and longer-term food security strategy that integrates agricultural production, and social safety nets.
- The debris management task force is meeting on 16 Feb to discuss and draft a debris management plan, focusing on PaP and submit a plan o/a 23 Feb.
- Water provided through distribution networks in PaP will be chlorinated in the coming weeks.
- Water quality monitoring plan promoting residual chlorine monitoring in the distribution network and water bladders at settlement site locations will be in place by the end of Feb.

**GOH:**
GOH revised the population estimate of PaP from 3M to over 3.7M ppl. This will provide a more accurate indicator for shelter needs, estimated to be 1.2M people that require shelter assistance.
MINUSTAH Total Force Strength:
- Authorized 8,940
- Actual 8051

2/82 BCT AO
- 3,338 total Troops consisting of the following:
  - 3 x IN BN +/- 2,173 Total Troops
  - 3 x AVN CO
  - Hospital (Level II Care)
  - 2 x EN CO
  - MP CO
  - Maritime CO

22 MEU AO
- 2 x IN BN(+) consisting of 971 total Troops

Past 24 Hours
- 303 x security patrols in PAP
- 343 x security patrols o/s PAP
- 5 x HA missions in PAP
- 11 x HA missions o/s PAP

Next 24 Hours
- 16 x HA missions scheduled
Non-MINUSTAH Troops

Ships in JOA

as of 15 FEB 10, 0700

Expected

RFA LARGS BAY – 18 Feb
FS SIROCO (Return) – TBC
SEDEXA Fd Kitchen – Date TBC
24 Hour Mudslide Threat

No Significant Rain Fall Occurred from 02/06Z-03/09Z

4 Mar Mudslide Assessment

65%-75% soil saturation

< 35% soil saturation

< 45% soil saturation

4 Mar:
< 30% chance .20” of rain

65%-75% soil saturation

As of 03/22Z

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The Americas are the most important region for the United States.

Southcom responsibility

USDA Foreign Agricultural Service
Office of Global Analysis
February 27: Earthquake in Chile
Corn production and trade flow
Rice production and trade flow
Bean production and trade flow
Haiti's Merchandise Exports

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Haiti's Agricultural Exports

USDA Foreign Agricultural Service
Office of Global Analysis
Haiti's Agricultural Imports

$ Millions

2001 2002 2003 2004 2005 2006 2007 2008

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Thanks for your attention!

Questions / comments

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