Day 5: ENC-13
Exercise Northeastern Caribbean ‘13
Final Instructions

Charles McCreery, PTWC
Laura Kong, ITIC
Objectives

- Apply a tsunami warning scenario to participant developed SOPs
- Describe actions taken by stakeholder agencies to tsunami warning
- Demonstrate knowledge through creation of timeline of events and actions
- Receive comment from trainers and other participants
TEWS: End-to-End SOPs

- **NTWC Receipt, Assessment & Notification SOP**
- **DMO Evacuation SOPs**
- **Public Responds Public Aware Pre-Event activity:** Signage Evac Maps Natural Warnings Exercises

**Pre-Event activity:**
- **Signage**
- **Evac Maps**
- **Natural Warnings**
- **Exercises**

**Earthquake Tsunami**

**Tsunami Attacks**
Format – Tsunami Exercise

- Groups of TWC and TER stakeholders
- During Exercise, Groups ‘execute’ SOPs
- SOPs should be timeline-driven (actions based on time after earthquake)

The Exercise will follow this format:
- Controller give scenario inject. Each Group discusses and take actions. Followed by next inject
- Each Group uses laptop or paper to log actions
- Each Group has Reporter and Recorder
- Real-time

- Post-Evaluation, Groups reevaluate SOPs
Group work

After receiving an Inject, each Group should:

- Review inject
- Decide on the Action
- Take TWC and TER SOP action (issue message through Controller)
- Log Action
Generalized Scenario Timeline

- **Time 0:** EQ occurs with strong ground shaking
- **Time A:** Initial EQ info, or outside data
- **Time B:** Initial PTWC new products
- **Time C:** Initial waves arrive at coastline
- **Time D:** Initial sea level gauge readings
- **Time E:** PTWC last forecast issued
- **Time F:** Country warning cancellation
- **Time G:** Country All-Clear for some communities
GROUND RULES

- All communications or products must pass through Controller.
- Product types are text / graphic only (no voice).
- PTWC/US NTWC Products will only be given to the NTWC (TWFP). The TWC should decide which, if any, of the products to issue to DMO or to Public.
- Methods of communication are:
  - Fax, telephone, radio, SMS, e-mail, satellite phones, Twitter, other depending on your SOPs.
  - Exercise Messages to be written out and include: From, To, Message time and Message content.
- Injects will be hard copy.
CONSIDERATIONS

- What is the Message and what does that mean?
- What is the Hazard?
- What is the Risk from this Hazard?
- Is there an immediate action the Group needs to take right now?
- Consider contingencies or back up plans in the event of system failures
- Who must the Group notify in the DMO, Government, Public, and the Media?
- Who will do this?
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EXERCISE NORTHEASTERN CARIBBEAN 2013, ENC-13  
8 November 2013, La Romana, Dominican Republic  
LOG OF EVENTS

ORGANIZATION NAME ________________________________

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<th>Time</th>
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EXERCISE START

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EXERCISE END

0245 UTC
Exercise Report Back

- During / After lunch – BE READY AT 230 PM
  Prepare Post-exercise Report
- HOTWASH – 230 – 330 pm
- Report-back - 10 minutes each Group
- Groups should focus on –
  What went well?
  What did not go well?
  Lessons Learned
Thank You

Charles McCreery, PTWC
Laura Kong, ITIC