2015 Straits of Mackinac Functional Exercise and Equipment Deployment Drill
Agenda
Exercise Purpose
Scope and Functional Groups
Objectives
Scenario
Participants and Resources
Lessons Learned
Way Forward
Conclusion, Answers
Purpose

PHMSA requested exercise
High public interest
USCG Area Committee HCA
Exercise Scope

• **22 September**
  - Public Affairs Training
  - Liaison Officer Training
  - Safety Training/Orientation

• **23 September**
  - ICS role-specific refresher training
  - ICS 201 workshop (common operating picture)

• **24 September**
  - Tactical Equipment Deployments
  - Functional Exercise (Command Post)

• **25 September**
  - After Action Meeting (Lessons Learned)
Exercise Functional Groups

- **Command Post Operations**
  - Incident Command Post (Little Bear Arena)
  - Unified Command (UC)
  - Complete Incident Command Structure (ICS)
  - Joint Information Cell (JIC)
  - Simulation Cell

- **Real World Events**
  - Equipment drills at two sites
  - Air Operations (USCG, Enbridge, MSP)
  - On-Water Operations (USCG, MPC, Enbridge)
  - Law Enforcement (USCG safety zone)
  - Weather and spill trajectory (NOAA)
  - SCAT and wildlife rehabilitation centers
Equipment Deployment Areas

On-shore protection
Near-shore protection
Open Water recovery
Objectives

• Test specific tactical components of the Straits of Mackinac Tactical Response Plan and USCG Geographic Response Plan
• Work toward development of a Period 2 IAP under UC
• Practice containment and recovery for open water, on-shore and near-shore
• Establish a JIC and develop internal and external communications
• Practice liaison functions and information sharing with participating agencies to include county EOC...develop a common operating picture
• Test command post layout and functionality
• Test mobilization and establishment of USCG IMT
Scenario

No-Cause scenario

Drop in Line pressure

USCG, Enbridge and other federal, state, local, and tribal agencies respond

Simulated release amount 189,000 gallons of light crude oil
Participants

• Unified Approach: USCG; Sector Sault Ste. Marie, CCG ALDER, AS Traverse City, District 9, Station St. Ignace, Enbridge, EPA, PHMSA, DEQ, USFWS, NOAA, MSP, DNR, County HD, CORA, NWS, St. Ignace PD, Mackinac County Sheriff, Mackinac County Fire, MI National Guard, MPC, Mackinac Environmental, etc.

• Operation Cell (18)
• JIC (20)
• Exercise Control (42)
• ICP (135)
• Deployed Forces/Air, Shoreline,
• Total (700)
Lessons Learned

- Positive
- Leveraged Local Agencies
- Tribal Engagement
- Development and implementation of ICS 201 workshop
- Identification of areas for improvement in open-water recovery

- Improvement Areas
- Continue to deliver ICS role-specific training
- Review and update tactical plan
- Ensure sufficient OSRO SME participation
- Continue to improve and acquire additional tactical equipment
Way Forward

• January 2012 Straits Oil-in-Ice FE
• February 2013 Straits Oil-in-Ice FSE
• September 2014 Indian River FSE
• April 2015 U.S. 2 Line 5 survey
• September 2015 Straits FSE (GRP development)
• (Enbridge equipment pre-positioning)
• September 2016 Manististique TTX
• 2017 Manistique FE
• 2018 Manistique FSE (GRP development)
Q&A

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