



U.S. Coast Guard Marine Safety Unit Toledo 2014 PREP FSE

**LT Jennifer Disco
Marine Safety Unit Toledo
30 OCT 2014**

MSU Toledo PREP Exercise-2014



- Government Led
- Two Day Event August 12-13, 2014
- August 12:
 - OSRO Equipment Deployments along the Maumee River
 - Joint Information Center and Risk Communications, provided by the USCG Public Information Assist Team (PIAT)
 - Spill Response Financial Management: Use of the Oil Spill Liability Trust Fund (OSLTF) and Oil Pollution Act of 1990 (OPA 90), provided by the USCG National Pollution Funds Center (NFPC)
- August 13:
 - Incident Command Post Exercise

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- Plans Exercised
 - Western Lake Erie Annex to the South East Michigan Area Contingency Plan
 - Geographic Response Plan
 - FlexViewer
 - BP Integrated Response Plan

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- Scenario

- A petroleum barge loaded with 33,214 barrels of Decant Oil strikes a submerged object approximately two miles NW of the BP-Husky Marine Terminal Dock in Toledo, OH.
- The structural damage from the underwater impact resulted in a 100,000 gallon discharge of oil into the Maumee River.



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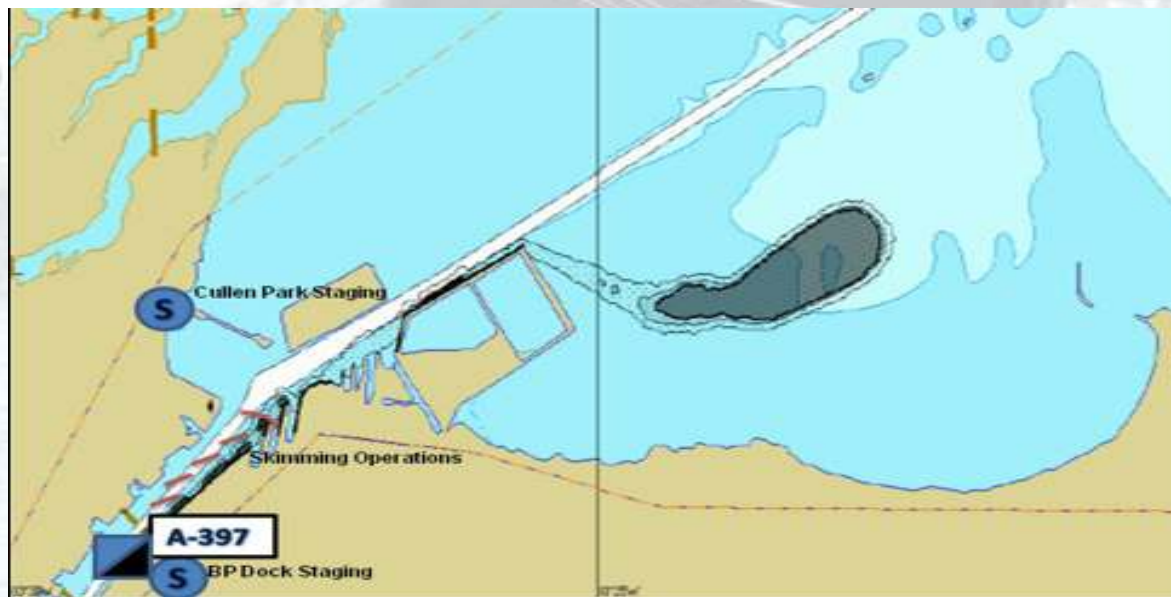
- Scenario (CONT.)

- The damaged barge transits to BP's Husky dock. At 5:00 a.m. the barge arrived (simulated) at the BP-Husky Marine Terminal.
- At sunrise (6:30 a.m.), it is discovered that the barge has sustained hull damage and that cargo is leaking from the barge's tanks.
- The discharged oil is being moved by the wind and current, threatening environmentally sensitive areas along Maumee River, Maumee Bay, and Lake Erie.

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- Scenario (CONT.)
 - The ICP portion of the PREP exercise began at 9:00 a.m. with the delivery of the ICS-201 Briefing to exercise participants.



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- Over 200 Exercise Participants:
 - **7 Federal Agencies:**
 - U. S. Coast Guard
 - U.S. Environmental Protection Agency, Region 5 (EPA)
 - U.S. Fish and Wildlife Service (FWS)
 - National Oceanic and Atmospheric Administration (NOAA)
 - Scientific Support Coordinator (SSC)
 - National Weather Service (NWS)
 - U.S. Army Corps of Engineers (USACE)
 - **4 State Agencies:**
 - OH Environmental Protection Agency (OEPA)
 - OH Emergency Management Agency (OEMA)
 - OH Department of Natural Resources (ODNR) Div of Watercraft
 - MI Department of Environmental Quality (DEQ)

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- Participants (CONT)

- **9 Local Agencies:**

- City of Toledo

- Toledo Fire and Rescue
 - Toledo Environmental Services
 - Toledo Police Department

- Lucas County

- Toledo-Lucas County Port Authority
 - Lucas County Emergency Management Agency (EMA)
 - Lucas County Sheriff's Office

- Ottawa County Emergency Management Agency (EMA)

- **3 Non-governmental Organizations:**

- Nature's Nursery
 - Great Lakes Commission
 - Michigan Tech Research Institute

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- Participants (CONT)

- **13 Industry Partners:**

- BP-Husky Refinery
 - TRG, The Response Group
 - Shumaker, Loop, and Kendrick, LLP
 - BP America
 - BP Shipping
 - Husky Energy
 - T & T Marine Salvage
 - Marine Spill Response Corporation (MSRC)
 - Environmental Management Specialists, Inc. (EMS)
 - Marine Pollution Control (MPC)
 - Northern Ohio Michigan Mutual Aid District (NOMMAD)
 - Terra Contracting
 - Downriver Emergency Response Team (DERT)

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- **17 Objectives:**

1. **Notifications:** Conduct initial incident notifications in a timely manner in accordance with the ACP and any other associated plans, policies and procedures.
2. **Unified Command:** Utilize National Incident Management System (NIMS) Incident Command System (ICS) as a response management system to form a Unified Command (UC).
3. **Finance:** Adequately maintain cost documentation for the response and provide cost estimates for continued operations.
4. **Documentation :** Accurately document all operational and support aspects of the response; provide detailed records of decisions and actions taken.
5. **Procurement:** Demonstrate the ability to procure and track the status of needed resources, to include personnel, response equipment, and support equipment.
6. **Public Affairs:** Establish JIC in accordance with the National Response Team (NRT) Joint Information Center Model.
7. **Public Affairs:** Effectively communicate to/with the media and the public: Write and distribute timely press releases. Conduct an effective press conference.
8. **Safety Affairs:** Conduct a hazard analysis addressing hazard identification and personnel protection and develop a Site Safety Plan.
9. **Legal Affairs:** Demonstrate the ability to provide the unified command with suitable legal advice and assistance.

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- Objectives (CONT):

10. **Assessment:** Demonstrate the ability to begin the development and approval of a lightering/salvage plan using the resources identified in the ACP.
11. **Lightering:** Test spill response organizations' ability to provide an initial assessment of the discharge and provide continuing assessments of the effectiveness of the tactical operations.
12. **Containment:** Test spill response organizations' ability to contain the discharge at the source or in various locations for recovery operations.
13. **Recovery:** Demonstrate the ability of spill response organizations to recover, mitigate, and remove the discharged product (on-water and shore-based recovery).
14. **Protection:** Test the ability of spill response organizations to protect environmentally and economically sensitive areas identified in the Area Contingency Plan (Protection to include booming deployment, water intake protection, wildlife recovery & rehabilitation, and population protection).
15. **Communication:** Establish an interoperable communications system between the Unified Command and deployed resources
16. **Transportation:** Provide effective multi-mode transportation both for execution of the spill response, recovery, and support functions, to include land, waterborne and air transportation.
17. **Personnel Support:** Test spill response organizations' ability to provide the necessary support associated with the response to include personnel management, berthing, messing, operational spaces, and emergency procedures.

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- **Lessons Learned**

- **Interagency Coordination:** Conducting exercises with personnel from all organizations that would respond to a real incident provides an opportunity for pre-incident collaboration and networking.
- **ACP Validation:** In the months leading up to an exercise, the ACP should be verified and updated (5 yr cycle/last major plan updates completed 2010).
- **Familiarity with ICS:** There is a need to gain ICS Position proficiency .
 - **Resource Request Process:** There was inadequate staffing in the Finance and Logistics Section. Non-qualified persons were used to fill-in position vacancies.
 - **Meeting Management – Planning P:** There was a lack of familiarity with the “Planning-P” and ICS experience outside of coursework.
- **Familiarity with Response Plans:** Many of the participants were not familiar with the information contained within the plans and Standard Operating Procedures being tested.
- **Public Awareness:** Use Social Media Tools to disseminate real time information. The JIC needed more staffing of local representatives /Public Information Officers (PIOs) to ensure press releases captured all stakeholder concerns.
- **Use a Check-in Recorder:** Ensure there are adequate staff on hand to facilitate a smooth check-in process. Separate check-in for exercise players vs. exercise participants.
- **Joint Information Center (JIC):** The JIC was overstaffed. In the future, the planning team should set a player limit up-front.