E3RT Functional Exercise

Straits of Mackinac 2015

Blake Olson
Enbridge Energy Partnership
**Line 5 Characteristics**

- 645 miles from Superior Wisconsin to Sarnia Ontario, approx. 4 miles long at Straits
- Transports light sweet, light sour, Synthetics, NGL
- 20” pipes as it crosses the Straits
- Nearly 1” thick, seamless
- Fiberglass/reinforced coal tar enamel
- At Straits water depth ranges 30-200’,
- Equipment and staff disposition in following maps
Exercise Purpose

To conduct a functional exercise for the Enbridge Enterprise Emergency Response Team (E3RT) and validate response capability in the Straits of Mackinac.
Enbridge ER Capability – Field Response Teams

- Enbridge’s first response
- Experts in tactical deployment of equipment for containment and recovery of crude oil
- Own response equipment
- Safety and environment
Enbridge ER Capability – Incident Management Teams

- Manage overall response with government agencies
- Assign priorities, strategies and tactics (create an Incident Action Plan)
- Support Field Response Team
- Facilitate communications with outside agencies and the public
- Trained in the Incident Command System (ICS)
Enbridge ER Capability – E3RT

Enbridge Enterprise Emergency Response Team (E3RT)

- Support IMT
- ICS Trained
- Follow-on support for incidents of a longer duration
- Same role as IMT
**Exercise Scope**

*From the Concept and Objectives Meeting*

Scope: will include two partially related components as follows:

<table>
<thead>
<tr>
<th>23</th>
<th>24</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tactical deployment:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Enbridge Field Response Teams,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Oil Spill Response Organization (OSRO) and USCG in accordance with Straits of Mackinac Tactical Response Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• SCAT &amp; Wildlife demo Functional Exercise: 1 Day, multiple jurisdictions, Unified Command</td>
<td></td>
</tr>
</tbody>
</table>
Exercise Objectives

Objectives:

1. Test specific tactical components of the Straits of Mackinac Tactical Response Plan
2. Work toward development of a Period 2 Incident Action Plan under Unified Command
3. Practice containment and recovery for open water (OSRO) and in-shore (Enbridge Field Response Teams)
4. Establish a Joint Information Centre (JIC) and produce unified and consistent messaging with internal and external organizations
5. Practice “Liaison” functions and information sharing/passage to participating agencies with a view to achieving a Common Operating Picture (COP)
6. Test Command Post Layout and Functionality
## Participants (500+)

<table>
<thead>
<tr>
<th>Participants</th>
<th>Enbridge:</th>
<th>US Fish and Wildlife</th>
</tr>
</thead>
<tbody>
<tr>
<td>• E&amp;SM</td>
<td>Superior/Chicago Region ER</td>
<td>NOAA (Scientific Support</td>
</tr>
<tr>
<td>• Public Affairs</td>
<td>IT</td>
<td>Coordinator)</td>
</tr>
<tr>
<td>• IT</td>
<td>USCG</td>
<td>Dept. of Natural Resources</td>
</tr>
<tr>
<td>• USCG</td>
<td>PHMSA</td>
<td>Tribes EM/CORA</td>
</tr>
<tr>
<td>• Marine Pollution Control (OSRO)</td>
<td>US EPA</td>
<td>Mackinac County EM</td>
</tr>
<tr>
<td>• MI DEQ</td>
<td></td>
<td>CCE County EM</td>
</tr>
<tr>
<td>• External pipeline companies</td>
<td></td>
<td>Local media</td>
</tr>
<tr>
<td>• Local media</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>