LITHIUM-ION BATTERY EMERGENCIES



## LiB Training and Exercise Debrief

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<ul> <li>Objective Identify authorities, plans, courses of action for the three phases of Fire and Salvage Operations; <ul> <li>Life Safety</li> <li>Incident Stabilization</li> <li>Salvage Actions</li> <li>Provide maritime fire suppression awareness training for multiple organizations.</li> <li>Provide Hazardous Materials response training for Lithium-ion battery fires.</li> </ul></li></ul>	<ul> <li><u>Outcomes</u></li> <li>During three days of training the Port and EPA provided maritime fire suppression awareness training for more than 100 firefighters.</li> <li>Provided Lithium-ion battery basics and fire management training to more than 100 people.</li> </ul>	
Approach	Deltas	Hydrogen Fluoride (HF) - Continuous Release - AEGL
<ul> <li>Conduct training that progressed from task to tactics and strategy:</li> <li>Pre-planning meetings with EPA, MARAD, PASHA</li> <li>Day 1 and 2 MARAD RO-CON walk-through with C/M and 3<sup>rd</sup> Mate</li> <li>Day 3 AM LiB Training/PM Tabletop exercise</li> <li>Day 4 Oakland fire "cancelled due to department emergency"</li> </ul>	<ul> <li>Robust morning participation on day 3 (training and TTX) did not continue in the afternoon for the TTX</li> <li>The TTX did not meet any of the objectives or complete the exercise scenario</li> </ul>	

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## **Path Forward**

- The training and TTX have been excepted by EPA as the standardized model to be repeated at Port in the US
- The next delivery is scheduled for the Port of Long ۲ **Beach sometime in August**
- After the Long Beach the delivery the series can ۲ return to the Bay before moving to the next Port
- EPA is working with its Regional Congressional • Liaisons to amplify and chart the course for California

## **Requirements**

When the series returns to the Bay participation by local government in the Tabletop exercise is the only way the series objectives will be reached.

