International Forum on Group V Oils
September 9-10, 2014
Detroit, MI
Forum Concept

• US energy paradigm shift to move from reliance on foreign oil
• Recognized Increase in Production and Transport of Potentially Sinking Oils
• Since 2005 Rail Transport of oil has increased from 4,500 cars annual to 500,000 plus annual
• Pipelines operating at capacity
Forum Objectives

• Provide Platform for the International Response Community to examine the issues of sinking oil
• Scientific Testing : Which Oil Sinks and under what conditions
• Regulatory Issues
• Production and Transport
• Spill Preparedness, Spill Management and Response
Forum Program

• **Science Of Heavy Oils**: Merv Fingas-Spill Science, Nancy Kinner-UNH, Ronan Jezequell-CEDRE

• **Current Application of Heavy Oil Response Marshal MI** – Ralph Dollopf, Jeff Kimble, Dan Capone-EPA, Jessica Winter-NOAA and Jacqueline Michel-API Study

• **Regulatory Perspective**: Jerry Popiel-USCG (Shipping), Lt Sara Booth-USCG (ACP) Rob Benedict-PHMSA – Pipeline and Rail Proposed Response Planning
Forum Program

• **Submerged Oil Case Studies**: Rebecca Coward-ITOPF, Steve Lehmann-NOAA, Mark Brown-ECRC

• **Research, Planning and Policy**: Kurt Hanson-USCG R&D, Jim Elliot-T&T Salvage, Samina Mahmood-Marine Response Alliance

• **Submerged Oil Detection and Surveillance**: Bill Hazel-MPC, David DeVilBiss-Global Diving
Forum Participants

- International Joint Commission
- General Land Office – Texas
- Cedre – France
- ITOPF – UK
- USCG
- USEPA
- NOAA
- Canadian Coast Guard
Forum Participants

- Transport Canada
- Great Lakes Commission
- Washington Dept of Ecology
- Michigan Sea Grant
- TransCanada Pipeline
- Enbridge
- Shell Oil
- BP
Forum Participants

- MSRC
- ECRC
- NRC
- Miller Environmental
- T&T Marine Salvage
- Esso
- AMPOL
- AMEC
Forum Participants

- Clean Harbors
- MPC
- Terra Contracting
- Lamor USA
- Alion Science
- OSRL
- Transmountain Pipeline
- Moran Environmental
Forum Participants

- Eason Diving
- Global Diving and Salvage
- Michigan Marine Terminal
- Imbiber Tech
- QualiTech
- Global Environmental Engineering
- Marathon Petroleum
Summary

• Sinking Oil Presents Unique Challenges to Traditional Response across the ICS Spectrum
• Additional Research and Development for specialized equipment needed
• Regulatory – PHMSA Proposed Rules for Rail
• Pipeline and Rail Transport has separate reporting and response criteria. Integration into OPA 90 is needed
Summary

• OSRO Guidelines to revisit the Submerged Oil Response capabilities and Vessel Requirements
• ACP’s need to include PHMSA and Rail Authority input
• Resources in the Great Lakes are Limited
Thank You