S&T Updates

• **Scott Binko, USCG**
  - Emerging pollution response technology evaluation-technical evaluation upcoming
  - Diluted Bitumen Studies in Freshwater- report has been reviewed, test continue
  - ISB research continues. Next step is air monitoring assays
  - Estimated Recovery Systems Potential ERSP Calculator
  - Advancing UAS and AUB Capabilities- completed characterization tests, transitioning to shoreside experiments

• **Faith Fitzpatrick, USGS**
  - DOI ISOPP Call for proposals
  - IROS, USGS streamstats beta release, FluOil model methods publication released, growing interest in ICWater applications

• **Guy Meadows, Ph.D. Great Lakes Research Center – Michigan Technological University**
  - Straits HFR System operation since October 18th. Surface and subsurface current real time data available via Michigan Tech University (www.mtu.edu/Greatlakes/ ) and Great Lakes Observing System.

• **Ayumi Fujisaki-Manome, Cooperative Institute for Great Lakes Research (CIGLR)**
  - Under-Ice Oil Spill Working Group meeting at Lake Superior State University
  - Toured Enbridge Mackinaw Pump Station and the Straits Maritime Operations Center
  - Technical talks including transport modeling in ice-covered waters, fate and transport of oil under ice, oil detection under ice, oil spill remediation in icy waters.