

Arctic Open-water Meeting
March 6-8, 2012
Egan Center
Anchorage, Alaska

AGENDA

The sessions each morning will begin promptly at the times shown. Participants are encouraged to arrive early so that we can begin on time and keep on schedule.

Day 1—Tuesday, March 6

- 9:00-9:20 **Welcoming Remarks** (Jim Lecky, Director, NMFS, Office of Protected Resources; Jim Kendall, Alaska Regional Director, Bureau of Ocean Energy Management; Mark Fesmire, PE JD, Alaska Regional Director, Bureau of Safety and Environmental Enforcement; and Geoffrey Haskett, Regional Director, U.S. Fish and Wildlife Service)
- 9:20-9:45 **Introductions and Housekeeping Items** (Lisa O'Brien and Ron Felde, Facilitators)
- Brief Intro of Attendees
 - Review of Agenda and Meeting Objectives (Candace Nachman, Fishery Biologist, NMFS, Office of Protected Resources)
 - Review of Ground Rules and Parking Lot
- 9:45-10:10 **NMFS Incidental Take Program Updates** (Jolie Harrison, Incidental Take Team Supervisor, NMFS, Office of Protected Resources)
- Comprehensive Arctic Marine Mammal Monitoring Plan
 - Plans of Cooperation and Conflict Avoidance Agreements
- 10:10-10:35 **Interagency Compliance Monitoring** (Jana Lage, Geophysicist, BOEM)
- 10:35-10:50 **BREAK**
- 10:50-11:05 **Alaska Eskimo Whaling Commission Subsistence Harvest Updates** (Harry Brower, AEWV Vice-Chairman)
- Results of 2011 harvests and plans for 2012 whaling season
 - Any incidents between hunters and industry in 2011
- 11:05-11:20 **Alaska Beluga Whale Committee Subsistence Harvest Updates** (Molly Chythlook, Natural Resources Director, Bristol Bay Native Association)
- Results of 2011 harvests and plans for 2012 whaling season
 - Any incidents between hunters and industry in 2011

- 11:20-11:35 **Ice Seal Committee Subsistence Harvest Updates** (John Goodwin, ISC Chairman)
- Results of 2011 harvests and plans for 2012 sealing season
 - Any incidents between hunters and industry in 2011
- 11:35-11:50 **Eskimo Walrus Commission** (Vera Metcalf, EWC Director)
- Results of 2011 harvests and plans for 2012 hunting season
 - Any incidents between hunters and industry in 2011
- 11:50-1:00 **LUNCH**
- 1:00-1:45 **National Science Foundation 2011 Monitoring Results for Chukchi Sea Seismic Survey** (Bernard Coakley, Associate Professor, University of Alaska Fairbanks)
- 1:45-2:45 **BP 2011 Monitoring Results for Northstar and 2012 Operations and Monitoring Plans (Beaufort Sea)** (Bill Streever, Environmental Studies Leader, BP Exploration (Alaska) Inc.)
- 2:45-3:00 **BREAK**
- 3:00-5:00 **Statoil 2011 Monitoring Results for Chukchi Sea Marine Survey Program**
- Shallow hazard and geotechnical program operations (Roy Wollvik, Principal Engineer, Statoil)
 - Marine mammal monitoring program and results (Darren Ireland, Marine Biologist, LGL)
- 5:00 **Wrap-up Day 1** (Lisa O'Brien and Ron Felde, Facilitators)

Day 2—Wednesday, March 7

- 8:30-9:00 **Report from 2012 Peer Review Panel** (Robert Suydam, Wildlife Biologist, North Slope Borough Department of Wildlife Management)
- 9:00-10:15 **BP 2012 Beaufort Sea Seismic Survey Operations and Monitoring Plans** (Bill Streever, Environmental Studies Leader, BP Exploration (Alaska) Inc.)
- 10:15-10:30 **BREAK**
- 10:30-11:45 **ION Geophysical Corporation 2012 Operations and Monitoring Plans for Beaufort Sea In-ice Seismic Survey** (Joe Gagliardi, Director Arctic Solutions & Technology, ION; Darren Ireland, Marine Biologist, LGL)
- 11:45-12:45 **LUNCH**

12:45-5:00 **Shell 2012 Beaufort and Chukchi Seas Exploratory Drilling Programs and Monitoring Plans** (Michael Macrander, Science Team Lead, Shell Alaska Venture)

12:45-1:30 Proposed Operations for 2012

1:30-2:00 Proposed Monitoring Programs Overviews

2:00-2:30 Vessel-based Protected Species Observer Programs

2:30-2:45 **BREAK**

Shell 2012 Beaufort and Chukchi Seas Exploratory Drilling Programs and Monitoring Plans

2:45-3:45 Acoustics Programs

- Sound Source Characterization Strategies (15 minutes)
- Real-time Strategies (15 minutes)
- Optimal Placement of Arrays in the Beaufort (15 minutes)
- Optimal Placement of Arrays in the Chukchi (15 minutes)

3:45-4:35 Aerial Surveys Programs

- Beaufort Program (15 minutes)
- Chukchi Program (15 minutes)
- Power Analyses (20 minutes)

4:35-4:55 Addressing Peer Review Comments and Questions

5:00 **Wrap-up Day 2** (Lisa O'Brien and Ron Felde, Facilitators)

Day 3—Thursday, March 8

8:30-9:00 **ConocoPhillips Future Chukchi Sea Exploration Activities** (Mike Faust, Chukchi Program Manager, ConocoPhillips)

9:00-9:30 **Statoil Future Chukchi Sea Exploration Activities** (Lars Andreas Sunde, Head of Alaska Operations, Statoil)

9:30-10:00 **NMML Arctic Marine Mammal Studies Update** (Megan Ferguson, Stacionian Biology, NMFS/NMML)

10:00-10:15 **BREAK**

10:15-11:00 **Chukchi Sea Environmental Studies Program** (Robert Day, Senior Scientist, ABR Inc.)

11:00-12:00 **Evaluation of Impacts on Marine Mammals Based on Industry Science and Data**

11:00-11:25 Overview of Significant Marine Mammal Investigative Efforts (Michael Macrander, Science Team Lead, Shell Alaska Venture)

11:25-12:00 Sound Propagation in the Arctic: Results of SSVs, modeling exercises, and acoustic monitoring (JASCO/Greeneridge)

12:00-1:00 **LUNCH**

1:00-2:30 **Evaluation of Impacts on Marine Mammals Based on Industry Science and Data** (continued)
1:00-1:25 Marine mammal movements, behavior, and interannual variability
1:25-1:40 Over-winter data
1:40-2:30 Bowhead whale interactions with industry activities

2:30-2:45 **BREAK**

2:45-3:30 **Evaluation of Impacts on Marine Mammals Based on Industry Science and Data** (continued)
2:45-3:05 Walrus movements and response to ice recession
3:05-3:30 Wrap-up and Final Q&A

3:30-4:00 **Data Integration** (Brief Presentation followed by Group Discussion)

4:00-5:00 **Parking Lot Issues** (Lisa O'Brien and Ron Felde, Facilitators)

5:00 **Closing Remarks and Adjourn**