

**Minerals Management Service (MMS) Alaska OCS Region
Eleventh Information Transfer Meeting (ITM) October 28-30, 2008
Downtown Marriott Hotel, Anchorage, AK**

The ITM will be held in conjunction with the United States and Canada Northern Oil and Gas
Research Forum '08. Go to link <http://www.northslope.org/> for more information.

**DAY 1
TUESDAY, OCTOBER 28, 2008**

7:30 am	Registration Table Open	<i>Forum Main Ballroom</i>
8:30 – 8:40 am	Welcome	<i>Forum Main Ballroom</i>
8:40 – 9:05 am	Opening Remarks (USA – Drue Pearce) (Canada – Patrick Borbey)	<i>Forum Main Ballroom</i>
9:05 – 9:15 am	Purpose of the Forum	<i>Forum Main Ballroom</i>
9:15 – 9:40 am	Overview of the USA Northern Oil & Gas Activities and Research Programs	<i>Forum Main Ballroom</i>
9:40 – 10:05 am	Overview of Canadian Northern Oil & Gas Activities and Research Programs	<i>Forum Main Ballroom</i>
10:05 – 10:20 am	BREAK	<i>Forum Main Ballroom</i>
10:20 – 11:20 am	Panel: Management Research Needs and Priorities United States: John Payne, Executive Director, North Slope Science Initiative John Goll, Regional Director, Minerals Management Service Canada: Robert Steedman, National Energy Board; Calgary, Alberta Norm Snow, Executive Director, Inuvialuit Joint secretariat	<i>Forum Main Ballroom</i>

DAY 1 ITM SESSION BEGINS

Please move quietly to the Juneau / Haines Room

11:20	Welcome to the ITM and the AK Environmental Studies Program Dee Williams, Ph.D., Chief, Environmental Studies Section	Juneau / Haines Room
	PROTECTED SPECIES MMS Session Chair: Charles Monnett, Ph.D.	Juneau / Haines Room
11:25 – 11:40 am	Monitoring the Distribution of Arctic Whales Janet Clarke, Senior Biologist, SAIC Ocean Sciences Division, Buckley, Washington	Juneau / Haines Room

11:40 – 11:55 am	COMIDA: Distribution and Relative Abundance of Marine Mammals: Aerial Survey Janet Clarke, Senior Biologist, SAIC Ocean Sciences Division, Buckley, Washington	Juneau / Haines Room
11:55 – 12:15 pm	North Pacific Right Whale (<i>Eubalaena Japonica</i>) Research in the Bering Sea Alexandre N. Zerbini, Ph.D., National Marine Mammal Laboratory Alaska Fisheries Science Center, Seattle, Washington	Juneau / Haines Room
12:15 – 12:30 pm	Questions	Juneau / Haines Room
12:30 – 1:30 pm	LUNCH - Limited seating: Pre-registration and ticket are required. Host: Government of Canada Speaker “Arctic Net” Dr. Martin Fortier, Executive Director	Forum Main Ballroom
1:50 – 2:10 pm	Creation of Leads and Ridges: What is the Ice Behavior? Max Coon, North West Research Associates, Inc.	Forum Main Ballroom
2:10 – 3:10 pm	Forum Talks (See Forum Agenda for Details)	Forum Main Ballroom
3:10 – 3:30 pm	BREAK	
PROTECTED SPECIES CONTINUED		Juneau / Haines Room
3:30 – 3:50 pm	Seasonal Movements, Habitat Selection, Foraging and Haul-out Behavior of Adult Bearded Seals in the Chukchi Sea Peter Boveng, Ph.D., Program Leader, Polar Ecosystem Program, National Marine Mammal Laboratory, Seattle, Washington	Juneau / Haines Room
3:50 – 4:10 pm	A Cooperative Approach to Walrus Research – Hunters and Scientists Working Together Lori Quakenbush, Arctic Marine Mammal Program Leader, Alaska Department of Fish and Game, Fairbanks, Alaska	Juneau / Haines Room
4:10 – 4:30 pm	Ringed Seals as Indicators of Change: Harvest-based Sampling near Ulukhaktok (Holman) (1992-2007) and Sachs Harbour (2003-2007), NT, Canada Lois Harwood, Department of Fisheries and Oceans, Arctic Science Division, Yellowknife, NT, Canada	Juneau / Haines Room
4:30 – 4:50 pm	QUESTIONS	Juneau / Haines Room
4:50 – 5:10 pm	Empirical Weathering Properties of Oil in Snow and Ice Ian Buist, S.L. Ross Environmental Research Limited	Forum Main Ballroom
5:10 – 5:20 pm	QUESTIONS on Theme I	Forum Main Ballroom

DAY 2
WEDNESDAY, OCTOBER 29, 2008

8:00 – 8:45 am	USA Industry Research Priorities	<i>Forum Main Ballroom</i>
8:45 – 9:30 am	Canadian Industry Research Priorities	<i>Forum Main Ballroom</i>
9:30 – 9:50 am	QUESTIONS	<i>Forum Main Ballroom</i>
9:50 – 10:10 am	Variability in Cross Island (Arctic Alaska) Subsistence Whaling: An Examination of Natural and Anthropogenic Factors Michael Galginaitis, Applied Sociocultural Research	<i>Forum Main Ballroom</i>
10:10 – 10:30 am	The Study of Ecosystem Services and Sharing Networks to Assess the Vulnerabilities of Communities to Oil and Gas Development and Climate Change in Arctic Alaska Gary Kofinas, Ph.D., University of Alaska, Fairbanks	<i>Forum Main Ballroom</i>
10:30 – 10:50 am	BREAK	
DAY 2 - ITM SESSION BEGINS <i>Please move quietly to the adjoining room</i>		
PHYSICAL OCEANOGRAPHY		Juneau / Haines Room
MMS Session Chair: Warren Horowitz		
10:50 – 11:10 am	Seasonal Variations in Circulation and Water Properties in the Nearshore Beaufort Sea Thomas Weingartner, Ph.D., Professor, Institute of Marine Science, University of Alaska, Fairbanks	Juneau / Haines Room
11:10 – 11:30 am	Ongoing and Suggested Research Efforts in Understanding the Oceanography of the Alaskan Beaufort Sea Thomas Weingartner, Ph.D., Professor, Institute of Marine Science, University of Alaska, Fairbanks	Juneau / Haines Room
11:30 – 11:50 am	Chukchi/Beaufort Seas Mesoscale Meteorology Study Jing Zhang, Research Assistant Professor, Geophysical Institute, University of Alaska, Fairbanks	Juneau / Haines Room
11:50 – 12:10 pm	Mapping Sea Ice Overflood Using Remote Sensing from Smith Bay to Camden Bay Greg Hearon, Coastal Frontiers Corporation, Chatsworth, CA	Juneau / Haines Room
12:10 – 12:30 PM	QUESTIONS	Juneau / Haines Room
12:30 – 1:30 PM	LUNCH - Limited seating: Pre-registration and ticket are required. Host: University of Alaska Fairbanks Geographic Information Network of Alaska - Speaker: "Arctic observation systems, current and planned" Aimee Devaris, U.S. National Weather Service, Alaska Region, Deputy Dir., Anchorage, Alaska	<i>Forum Main Ballroom</i>
1:30 – 1:50 pm	Forum Talks (See Forum Agenda for Details)	<i>Forum Main Ballroom</i>

1:50 – 2:10 pm	Populations and Sources of Recruitment in Polar Bears: Movement Ecology in the Beaufort Sea Andrew Derocher, Ph.D., University of Alberta	<i>Forum Main Ballroom</i>
2:10 – 2:30 pm	Satellite Tracking of the Western Arctic Stock of Bowhead Whales Lori Quakenbush, Wildlife Biologist, Alaska Department of Fish & Game; Fairbanks, AK	<i>Forum Main Ballroom</i>
2:30 – 2:50 pm	Bowhead Whale Feeding Variability in the Western Beaufort Sea - Feeding Observations and Oceanographic Measurements and Analyses Carin Ashjian, Ph.D., Woods Hole Oceanographic Institution; Woods Hole, Massachusetts	<i>Forum Main Ballroom</i>
2:50 – 3:30 pm	Forum Talks (See Forum Agenda for Details)	<i>Forum Main Ballroom</i>
3:30 – 3:50 pm	BREAK	

PHYSICAL OCEANOGRAPHY CONTINUED

MMS Session Chair: **Heather Crowley, Ph.D.**

Juneau / Haines Room

3:50 – 4:10 pm	Modeling Circulation in the Landfast Ice Zone Jeremy Kasper, Graduate Program in Marine Science and Limnology, University of Alaska, Fairbanks	<i>Juneau / Haines Room</i>
4:10 – 4:30 pm	Multi-decadal Coupled Sea-ice/Ocean Numerical Simulations of the Bering Sea Katherine Hedstrom, Ph.D., Arctic Region Supercomputing Center, University of Alaska, Fairbanks	<i>Juneau / Haines Room</i>
4:30 – 4:50 pm	QUESTIONS	<i>Juneau / Haines Room</i>

DAY 3 THURSDAY, OCTOBER 30, 2008

8:00 – 8:20 am	Timing and Location of King Eiders Staging in the Beaufort and Chukchi Seas Abby N. Powell, Research Ecologist, U.S. Geological Survey; Fairbanks, Alaska	<i>Forum Main Ballroom</i>
8:20 – 8:40 am	Subsistence Mapping of Nuiqsut, Kaktovik and Barrow Stephen R. Braund, Stephen R. Braund & Associates; Anchorage, Alaska	<i>Forum Main Ballroom</i>

DAY 3 ITM SESSION BEGINS

Please move quietly to the adjoining room

FATES & EFFECTS

MMS Session Chair: **Richard Prentki, Ph.D.**

Juneau / Haines Room

8:40 – 9:00 am	Updates to the Fault Tree Approach to Oil Spill Occurrence Estimators for the Beaufort and Chukchi Sea Frank Bercha, Ph.D., Bercha Group, Calgary, Alberta, Canada	<i>Juneau / Haines Room</i>
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9:00 – 9:20 am	Alternative Oil Spill Occurrence Estimators for the Beaufort/ Chukchi Sea OCS (Statistical Approach) Ted Eschenbach, Ph.D., TGE Consulting; William V. Harper, Ph.D.	Juneau / Haines Room
9:20 – 9:40 am	QUESTIONS	Juneau / Haines Room
PROTECTED SPECIES MMS Session Chair: Terry De Bruyn, Ph.D.		Juneau / Haines Room
9:40 – 10:00 am	Monitoring Marine Birds of Concern in the Eastern Chukchi Nearshore Area (Loons) Dan Rizzolo, Wildlife Biologist, Alaska Science Center, USGS, Anchorage, AK	Juneau / Haines Room
10:00 – 10:20 am	Premigratory Movements and Physiology of Shorebirds Staging on Beaufort Littoral Zone Abby N. Powell, Ph.D., USGS, Biological Resources Division, Alaska Cooperative Fish and Wildlife Research Unit, University of Alaska Fairbanks	Juneau / Haines Room
10:20 – 10:40 am	Radio Frequency Identification (RFID) Tags for Grizzly and Polar Bear Research Richard Shideler, Wildlife Biologist, Alaska Department of Fish and Game	Juneau / Haines Room
10:40 – 11:00 am	QUESTIONS	Juneau / Haines Room
11:00 – 11:20 am	BREAK	
BIOLOGY MMS Session Chair: Catherine Coon		
11:20 – 11:40 am	Arctic Cisco Genetics and Otolith Microchemistry Jennifer L. Nielsen, Ph.D., Supervisory Research Scientist, USGS Alaska Science Center, Anchorage, Alaska	Juneau / Haines Room
11:40 – 12:00 pm	Episodic Upwelling of Zooplankton within a Bowhead Whale Feeding Area near Barrow, Alaska Carin Ashjian, Ph.D., Associate Scientist, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts	Juneau / Haines Room
12:00 – 12:20 pm	QUESTIONS	Juneau / Haines Room
12:20 – 1:40 pm	LUNCH (On Your Own)	
cANIMIDA MMS Session Chair: Richard Prentki, Ph.D.		
1:40 – 3:05 (cANIMIDA session)	Continuation of Arctic Nearshore Impact Monitoring in Development Area (cANIMIDA): Introduction and Overview Greg Durell, Battelle, Duxbury, Massachusetts	Juneau / Haines Room
cANIMIDA session continues	cANIMIDA: Hydrocarbon Characterization of Sediments in the cANIMIDA Study Area John Brown, Exponent, Maynard, Massachusetts	Juneau / Haines Room

cANIMIDA session continues	cANIMIDA: Trace Metals as Indicators of Human Activities in the Coastal Beaufort Sea John H. Trefry, Ph.D., Florida Institute of Technology, Melbourne, Florida	Juneau / Haines Room
cANIMIDA session continues	cANIMIDA: Integrated Biomonitoring and Bioaccumulation of Petroleum Hydrocarbons in Marine Animals from the cANIMIDA Study Area Jerry M. Neff, Ph.D., Neff and Associates, LLC, Duxbury, MA	Juneau / Haines Room
cANIMIDA session continues	cANIMIDA: An Ecological Characterization of the Flora and Fauna of the Boulder Patch Kelp Community in Stefansson Sound, Alaska Ken Dunton, Ph.D., University of Texas at Austin, Port Aransas,	Juneau / Haines Room
3:05 – 3:20 pm	QUESTIONS	Juneau / Haines Room
3:20 pm	CONVENE BACK AT FORUM	Main Ballroom