




REGISTRATION - MONDAY SEPTEMBER 20, 2010													
	1500	1800	Registration				Location: Alcove, Hotel Captain Cook						
	1830	2200	Icebreaker Reception and Exhibition Opening Sponsored by DNV and Stena Drilling Canada Opening Remarks Entertainment: Hobo Jim				Location: Discovery Ballroom MC: Nancy Hemsath						
DAY 1 - TUESDAY, SEPTEMBER 21, 2010													
	700	815	Registration				Location: Alcove, Hotel Captain Cook						
	700	815	Breakfast American Bureau of Shipping (ABS) Address Lloyd's Register Address				Location: Discovery Ballroom MC: Dave McGonigal						
Session	From	To	Discovery Ballroom	Paper # / Country	Session	From	To	Endeavor Room (lower level)	Paper # / Country				
TU-OC-1	815	900	OPENING CEREMONIES AND WELCOME				Co-Chairs: Nils Andreassen, Frank Bercha, Lawson Brigham						
TU-PL-1	900	1000	PLENARY SESSION Chair: F. Bercha				ACCOMpanying Persons Program Motorcoach Tour of Turnagain Arm Meet your guide at the 5th Avenue hotel entrance. Sponsored by Lloyd's Register						
TU-PL-1-1	900	930	Ships in Ice Ice Risk Management for Stationary Vessel Operations in Moving pack Ice in Ice Offshore Experience and State of Art A. Keinonen, E. Martin				112 CAN						
TU-PL-1-2	930	1000	Structures in Ice Arctic Challenges - A Treatise of Past and Recent Developments A. Ghoneim, A. Cammaert, M. Mejlgaard-Larsen				183 USA						
	1000	1020	Coffee Break Sponsored by BOEMRE				Location: Exhibition Deck						
TU-SH-1	1020	1120	Ships in Ice 1 - Navigation Chair: A. Keinonen Differences in the Characteristic Shapes of First-Year and Multi-Year Pressure Ridges P. Wadhams, J. Rodrigues, N. Toberg Ice Navigation Curriculum Using the AVTEC Ship Simulator, Seward, Alaska O. Smith, J. Schibel, S. Hamilton, R. Thomas B. O'Connell				170 UK	TU-ST-1	1020	1120	Structures in Ice 1 - Moored Structures 1 Chair: A. Brovkin Fast Ice Drilling System - FIDS - An Improved System for Shallow Water Arctic Drilling R. Shafer, P. Noble, A. Iyerusalimskiy		104 USA
	1020	1040					121 USA		1040	1100	Arctic Deepwater Development Drilling System Design Considerations T. Kokkinis, C. Brinkmann, J. Ding, D. Fenz		115 USA
	1040	1100					179 CAN		1100	1120	Pack Ice Forces on Floating Offshore Oil and Gas Exploration and Production Systems L. Liu, D. Zhan, D. Spencer, D. Molyneux		159 CAN
TU-SH-2	1120	1220	Ships in Ice 2 - Propulsion Chair: Goran Liljeström Nuclear Energy - Foundation for the Arctic Icebreakers Fleet N. Khlopkin, V. Kuznetsov, V. Makarov Propulsion in Ice - Big Ships G. Dahler, J. Stubbs, L. Norhamo K. Ogle, C. Carter				182 RUS	TU-ICE-1	1120	1220	Ice 1 - Mapping and Dynamics Chair: Ivana Kubat Mapping Sea Ice Overflood Along the Alaskan North Coast D. Dickens, G. Hearon, K. Morris On the Spatial and Temporal Characterization of Motion Induced Sea Ice Internal Stress J. Hutchings, C. Geiger, A. Roberts, J. Richter-Menge, B. Elder Use of Beacons for Studying Arctic Ice Movement S. Tiffin, R. Pilkington, M. Edgecombe, D. McGonigal		163 USA
	1120	1140					133 NOR		1140	1200			166 USA
	1200	1220					184 CAN		1200	1220			139 CAN
	1220	1350	Lunch Sponsored by American Bureau of Shipping (ABS)				Location: At selected restaurants						
TU-ST-2	1350	1450	Structures in Ice 2 - Moored Structures 2 Chair: Aleksandr Iyerusalimskiy Turret Mooring of a Moderately Sized Production Unit in Heavy Ice Conditions A. Bonnaud, E. Hovland, O. Gudmestad Construction and Monitoring of an Ice Platform in Siberia V. Neth Research Vessel SIKULIAQ: Wartsila Ice Capable Run Quiet Propulsion J. Hatley				160 NOR	TU-SH-3	1350	1450	Ships in Ice 3 - Ice Loads on Ships Chair: Ruben Sheinberg Effect of Moving Ice Loads on the Plastic Capacity of a Ship's Structure B. Quinton, C. Daley, R. Gagnon Modeling of Pressured Ice Interaction with Ships I. Kubat, M. Sayed, A. Collins Assessment of Ship Ice Loads in Pack Ice C. Daley, J. Liu		110 CAN
	1410	1430					174 CAN		1410	1430			138 CAN
	1430	1450					149 USA		1430	1450			141 CAN
	1450	1510	Coffee Break Sponsored by Arctia Offshore Ltd.				Location: Exhibition Deck						
TU-ST-3	1510	1650	Structures in Ice 3 - Fixed Structures Chair: Abdel Ghoneim Parametric Trends of Arctic Gravity Based Structures P. Spencer, A. Bound The Challenges and Synergy of the Winterisation for Ships and Offshore Installations R. Bridges, H. Battye, D. Upcraft, T. Butler Testing of Northstar Artificial Island in Ice Model Basin G. Wilkman, G. Li, S. Saarinen Bond Enhancement for Sandwich Shell Ice Wall P. Marshall, A. Palmer, R. Liew, T. Wang, M. Khine Wa Thein				102 CAN						
	1510	1530					164 UK						
	1530	1550					158 FIN						
	1550	1610					172 USA						
	1610	1630											
	1800	1900	Social Hour Bar Sponsored by Port MacKenzie / Matanuska-Susitna Borough				Location: Discovery Ballroom MC: Nils Andreassen						
	1900	2200	Opening Banquet Sponsored by BP Exploration (Alaska) Entertainment: Pamyua				Location: Discovery Ballroom MC: Nils Andreassen						

Notes: * Chairs & MCs subject to final confirmation at the conference. ** Final times of events may change, and if so, will be announced on the day

DAY 2 - WEDNESDAY, SEPTEMBER 22, 2010									
		800	845	Breakfast <i>Chevron Address</i>			Location: Discovery Ballroom MC: Karen Muggerridge		
Session	From	To	Discovery Ballroom	Paper # / Country	Session	From	To	Endeavor Room (lower level)	Paper # / Country
	845	900	ANNOUNCEMENTS						
WE-PL-2	900	1000	PLENARY SESSION Chair: Peter Noble						
WE-PL-2-1	900	920	Canadian Ice Service Plenary What's Happening with Ice in the Arctic <i>D. Jackson</i>	188 CAN					
WE-PL-2-2	920	940	AMSA Plenary The Arctic Council's Arctic Marine Shipping Assessment and Beyond <i>L. Brigham</i>	157 USA					
WE-PL-2-3	940	1000	EER Plenary Arctic EER Today <i>F. Bercha</i>	106 CAN	ACC-02	1000	1100	Accompanying Persons Program: Walking Tour of Anchorage. Start at Federal Archive Building.	
		1000	1020	Coffee Break <i>Sponsored by Crowley Marine Services</i>			Location: Exhibition Deck		
WE-PA-AMS	1020	1120	AMSA Panel Chair: Lawson Brigham Panel Members: David Jackson, Ross MacDonald, Victor Santos Pedro, Robert Tustin, Goran Wilkman, Anders Backman		WE-ICE-2	1020	1120	Ice 2 - Monitoring Chair: Marie-France Gauthier	
						1020	1040	Supporting Arctic Operations with Real-time Ice Information from Satellite Images <i>R. Hall</i>	126 NOR
						1040	1100	Automated Detection of Hazardous Sea Ice Features from Upward Looking Sonar Data <i>D. Fissel, A. Kanwar, K. Borg, T. Mudge, J. Marko, A. Bard</i>	150 CAN
						1100	1120	Training Courses for Ice Experts as Ice Observers and for Interpretation of Satellite Images to Support Arctic Shipping Operations <i>G. Thomas, Y. Mironov, V. Smirnov, V. Stepanov</i>	185 UK
WE-EER-1	1120	1200	EER Procedures Chair: Ernst Radloff		WE-SI-4	1120	1220	Structures in Ice 4 - Ice Loads 1 Chair: Karen Muggerridge	
	1120	1140	Traffic and Casualty Trends in Canadian Arctic Shipping <i>B. Judson (Presenter: G. Iglooliorte)</i>	167 CAN		1120	1140	Multi-Year Ice Interaction with Downward Breaking Cone Structures <i>J. Ding, D. Fenz, T. Kokkinis, C. Brinkmann</i>	116 USA
	1140	1200	Arctic Escape, Evacuation, and Rescue Standards and Guidelines <i>J. Poplin, F. Bercha</i>	108 CAN		1140	1200	Critical Roles of Constitutive Laws and Numerical Models in the Design and Development of Arctic Offshore Installations <i>A. Derradji-Aouat</i>	117 CAN
ACC-03	1200	1600	Accompanying Persons Program SalmonBerry Shuttle to Eagle River Nature Centre Meet your guide at the 5th Avenue hotel entrance at 12:00pm Bus returns to hotel 5:00pm Sponsored by United States Arctic Research Commission (USARC)			1200	1220	A Closer Examination of the May 12, 1986 Ice Floe Impact with the Molikpaq <i>D. Sudom, R. Frederking</i>	122 CAN
		1220	1350	Lunch <i>Sponsored by Chevron</i>			Location: At selected restaurants		
WE-EER-2	1350	1450	EER Crafts 1 Chair: Jim Poplin		WE-SH-4	1350	1430	Ships in Ice 4 - Performance Chair: Merv Edgecombe	
	1350	1410	Operational Limitations of Conventional Lifeboats Operating in Sea Ice <i>A. Kennedy, A. Simões Ré, B. Veitch</i>	103 CAN		1350	1410	The Effect of Ice-Breaking Bow on the Open Water Performance of a Large Arctic Ore Carrier <i>H. Yu, S. Kim, R. Yook, D. Lee, H. Jung, J. Seo</i>	111 USA
	1410	1430	Thermal Requirements for Surviving a Mass Rescue Incident in the Arctic: Project Update <i>R. Boileau, M. DuCharme, L. Mak (Presenter: A. Simões Ré)</i>	154 CAN		1410	1430	Global Ice Loads on Arctic Drillships <i>B. Wang, C. Daley, M. Sayed, J. Liu</i>	120 USA
	1430	1450	Lifeboat Habitability and Effects on Human Subjects <i>J. Power, A. Simões Ré</i>	180 CAN					
		1450	1510	Coffee Break <i>Sponsored by PND Engineers Inc.</i>			Location: Exhibition Deck		
WE-EER-3	1510	1550	EER Crafts 2 Chair: Ian Denness		WE-SR-1	1510	1550	Shipping and Shipping Rules Chair: Robert Tustin	
	1510	1530	ARKTOS Evacuation Craft for Beaufort Sea Shear Zone Operation <i>T. Hall, B. Seligman</i>	171 CAN		1510	1530	Canadian Arctic Shipping and Emission Assessment <i>E. Radloff, D. Hrebenyk</i>	101 CAN
	1530	1550	Effect of Simulator Training on Novice Operators' Abilities to Navigate in Ice <i>S. Power, J. Power, S. MacKinnon, A. Simões Ré</i>	143 CAN		1530	1550	Future Possibilities for Trans-Arctic Shipping through the Central Arctic Ocean <i>R. Tustin, M. Niini</i>	148 KOR
WE-PA-EER	1550	1650	EER Panel Chair: Frank Bercha Panel Members: Ian Denness, David Jackson, James Poplin, Ernst Radloff, Bruce Seligman		WE-SI-5	1550	1630	Structures in Ice 5 - Ice Loads 2 Chair: Orson Smith	
						1550	1610	Understanding Combined Influences of Aspect-Ratio, Dimensionless Velocity, and Material Properties on Dimensionless Ice-Induced Pressure on Structures <i>A. Arunachalam</i>	136 CAN
						1610	1630	Seabed and Iceberg Scour Conditions Affecting a Potential Pipeline Landfall Offshore Labrador <i>T. King, G. Sonnichsen</i>	129 CAN
	1800		Bus to Alaska Native Heritage Centre (ANHC) for evening activities <i>Event busing sponsored by Transport Canada</i>			Departing Hotel Captain Cook (5th Ave.)			
	1830	1930	Social Hour Bar <i>Sponsored by Arctic Slope Regional Corporation (ASRC)</i>			Location: Alaska Native Heritage Centre MC: John Cologgi			
	1930	2200	Alaska Quyana <i>Sponsored by Conoco-Phillips</i> Entertainment: Carharrt Brothers and ANHC Dancers			Location: Alaska Native Heritage Centre MC: John Cologgi			
	2130	2200	Return buses begin from ANHC to Hotel Captain Cook <i>(Final bus 2200)</i>			Departing ANHC			

DAY 3 - THURSDAY, SEPTEMBER 23, 2010										
		800	845	Breakfast <i>Sponsored by Shell Exploration and Production Alaska</i>				Location: Discovery Ballroom MC: Alexander Brovkin		
Session	From	To	Discovery Ballroom	Paper # / Country	Session	From	To	Endeavor Room (lower level)	Paper # / Country	
Thursday	845	900	ANNOUNCEMENTS							
TH-PL-3	900	1000	PLENARY SESSION Chair: John Cologgi							
TH-PL-3-1	900	930	Ships in Ice - Past Experience Past Experience from Arctic Commercial Expeditions O. Gudmestad, J. Alme (Presenter: A. Bonnaud)							
				153 NOR						
TH-PL-3-2	930	1000	The Russian Arctic What's Going on in the Russian Arctic E. Veiknov, V. Kuznetsov, V. Makarov, V. Mikhailichenko, S. Lavkovskiy, I. Glumov							
				186 RUS						
TH-SH-5	1000	1100	Ships in Ice 5 - Icebreakers Chair: Chris Cleary			TH-SH-6	1000	1100	Ships in Ice 6 - Transit Analysis Chair: Roger Pilkington	
	1000	1020	MOERI's Ice Model Test for Korean Icebreaking Research Vessel C. Lee, S. Cho, S. Jeong, and E. Chun				1000	1020	An Analysis of Sea Ice Conditions to Determine Ship Transits through the Northwest Passage T. Mudge, D. Fissel, M. Martinez de Saavedra Alvarez, J. Marko	
				147 KOR					151 CAN	
	1020	1040	AURORA BOREALIS - A New European Combined Research Icebreaker and Drilling Vessel W. Doelling, A. Dellus, L. Lembke-Jene				1020	1040	Arctic Sea Route Transit Analysis for Large Cargo Vessels K. Choi, J. Nam, S. Jeong	
				123 GER					173 KOR	
	1040	1100	North Slope Trends in Sea Level, Storm Frequency, Duration and Intensity N. Sultan, K. Braun, D. Thieman, A. Sampath				1040	1100	The Transportation of Large Modules through the Northwest Passage G. Iglioforte, A. Kendrick	
				155 USA					177 CAN	
	1100	1120	Coffee Break <i>Sponsored by Alaska Frontier Constructors</i>				Location: Exhibition Deck			
TH-SH-7	1120	1220	Ships in Ice 7 - Arctic Tankers Chair: Peter Noble			TH-VA-1	1120	1220	Various Chair: David Dickins	
	1120	1140	Structural Integrity Assessment for a Polar Class Arctic Tanker under Ice Loads J. Dolny, S. Liu, D. Won, J. Lee, J. Choi, M. Kwak				1120	1140	ARKTOS Amphibious Oil Spill Response Craft for Mixed Ice/Water Conditions B. Seligman, T. Hall	
				119 USA					175 SWI	
	1140	1200	Fatigue Damage Estimation of Hull Structure of Large Arctic LNG Carrier Due to Ice Loads H. Ito, Y. Suh, K. Jang, S. Park				1140	1200	Assessment of Lifeboat Laminate Strength P. Gifford, A. Kennedy	
				131 KOR					152 CAN	
	1200	1220	Arctic Tankers: Current and Future Structural Design Practice R. Tustin, M. Niini, E Ranki				1200	1220	Arctic and Northern Offshore Oil Spill Probabilities F. Bercha	
				135 KOR					187 CAN	
	1220	1310	Lunch <i>Sponsored by TransAtlantic Ice Council</i>				Location: Discovery Ballroom MC: Nils Andreassen			
TH-CC-1	1310	1350	CLOSING CEREMONIES				MC: Co-Chairs			
	1400	1600	Port of Anchorage Expansion Project Technical Tour <i>Sponsored by the Port of Anchorage and Integrated Concepts & Research Corporation (ICRC)</i>				Buses meet at 5th Avenue entrance @ 2pm (100 participant limit). This tour is part of the <i>Accompanying Persons Program</i>			