



9th MEETING OF THE INTERNATIONAL ICE CHARTING WORKING GROUP



October 20-24, 2008 Luleå, Sweden

AGENDA

Plenary sessions will take place in the Olga Bardh room in the Kulturens Hus
(Erik Lindegren room is available Tuesday-Friday for breakout sessions)

Monday, October 20	Topic	Leads / Speakers
08:30 – 09:00	Registration & Coffee	
09:00 – 09:15	Opening of the Science Workshop	Anette Jönsson (SMHI) / Pablo Clemente-Colón (NIC)
09:15 – 10:15	Ice Modelling and Data Assimilation	
	<ul style="list-style-type: none"> Summary of 2nd IICWG-workshop on sea ice data assimilation 	Leif Toudal Pedersen (DMI)
	<ul style="list-style-type: none"> Current Ice Modelling Activities at SMHI 	Lars Axell (SMHI)
	<ul style="list-style-type: none"> Overview of Sea Ice Data Assimilation Projects at the CIS/Environment Canada 	Tom Carrieres (CIS)
10:15 – 10:45	Break	
10:45 – 11:45	New Satellite Information	
	<ul style="list-style-type: none"> Comparison between Envisat SAR and 3-D laser scanner statistics for the Baltic Sea ice 	Markku Similä (FIMR)
	<ul style="list-style-type: none"> Bothnia Ice SAR experiment 2007-2009 – Status and plans 	Leif Eriksson (Chalmers)
	<ul style="list-style-type: none"> RADARSAT-2 at the Canadian Ice Service: First Impressions 	Roger de Abreu (CIS)
11:45 – 13:15	Lunch	
13:15 – 14:15	Monitoring Ice Conditions	
	<ul style="list-style-type: none"> Ice mapping applied on design of off-shore structures 	Lennart Fransson (Luleå Tekniska Högskola)
	<ul style="list-style-type: none"> ShipSensorNet – Ships as a sensor network for observing ice conditions 	Robin Berglund (VTT)
	<ul style="list-style-type: none"> NSF's Arctic Observing Network Investigators: New Customers for IICWG 	Pablo Clemente-Colón (NIC)
14:15 – 16:15	Recent and Future Ice Climate	
	<ul style="list-style-type: none"> Current and future sea-ice conditions off Iceland 	Ingibjorg Jonsdottir (University of Iceland)



9th Meeting of the IICWG



	<i>Global view of the present ice conditions</i>	
	<ul style="list-style-type: none"> • Icelandic Waters 	Ingibjorg Jonsdottir (University of Iceland)
	<ul style="list-style-type: none"> • Norwegian Waters 	Nick Huges (met.no)
15:00 – 15:30	<i>Break</i>	
	<ul style="list-style-type: none"> • Greenland Waters 	TBD
	<ul style="list-style-type: none"> • Eastern and Western Canadian Arctic 	Marie-France Gauthier (CIS)
	<ul style="list-style-type: none"> • Russian Waters 	Vasily Smolyanitsky (AARI)
	<ul style="list-style-type: none"> • Baltic Waters 	Anette Jönsson (SMHI)
	<ul style="list-style-type: none"> • Antarctica, Arctic Waters 	TBD (NIC)
16:15 – 17:00	<i>Summary and discussion</i>	<i>All</i>
17:00	<i>End of Science Workshop</i>	
18:00 – 20:00	<i>Icebreaker – Icebreaker Frej</i>	<i>Swedish Maritime Administration</i>



9th Meeting of the IICSWG



Tuesday, October 21	Topic	Leads / Speakers
08:00 – 08:30	Registration & Coffee	For new arrivals
08:30 – 09:00	Official Meeting Opening	Co-Chairs Ken Macdonald (EC)/ Jens Sunde (met.no)
	<ul style="list-style-type: none"> Welcome & Opening Remarks 	Co-Chairs
	<ul style="list-style-type: none"> Welcome from SMHI 	Bodil Aarhus-Andrae, Head of the Core Service, SMHI
	<ul style="list-style-type: none"> Meeting Logistics 	Sian Petersson (SMHI)
	<ul style="list-style-type: none"> Introduction of IICSWG Secretariat 	Co-Chairs
	<ul style="list-style-type: none"> Participant Introductions 	All – Roundtable
	<ul style="list-style-type: none"> Adoption of Agenda 	Co-Chairs
09:00 – 10:00	Committee Reports	Co-Chairs
	<ul style="list-style-type: none"> Applied Science and Research Committee 	Anette Jönsson (SMHI) / Pablo Clemente-Colón (NAIS/NIC)
	<ul style="list-style-type: none"> Data, Information and Customer Support Committee 	Keld Qvistgaard (DMI) / Marie-France Gauthier (NAIS/CIS)
	<ul style="list-style-type: none"> Review Status of IICSWG VIII Action Items 	Co-Chairs
10:00 – 10:30	Break	
10:30 – 10:45	IICSWG Group Photo	Eric Madsen (NOAA)
10:45 – 12:00	Reports from Other Ice Working Groups	Co-Chairs
	<ul style="list-style-type: none"> Baltic Sea Ice Meeting 	Jürgen Holfort (BSH)
	<ul style="list-style-type: none"> European Ice Services 	Helge Tangen (met.no)
	<ul style="list-style-type: none"> North American Ice Service 	Ray Chartier (NAIS/NIC)
	<ul style="list-style-type: none"> Expert Team on Sea Ice 	Vasily Smolyanitsky (AARI)
12:00 – 13:30	Lunch	
13:30 – 15:30	Icebergs and Other Ice of Land Origin	Scott Rogerson (NAIS/IIP)
	<ul style="list-style-type: none"> Iceberg climatology in the Russian Arctic 	Vasily Smolyanitsky (AARI)



9th Meeting of the IICWG



	<ul style="list-style-type: none"> Monitoring ice islands in the Arctic Basin as the potential sites for NP drifting stations deployment 	Vasily Smolyanitsky (AARI)
	<ul style="list-style-type: none"> Recent changes of the ice shelves along northern Ellesmere Island and past and current iceberg and ice island tracks 	Luke Copland (Univ of Ottawa)
	<ul style="list-style-type: none"> 2008 North Atlantic Iceberg Season 	Scott Rogerson (IIP)
15:30 – 16:00	Break	
16:00 – 16:30	Arctic METAREAS	Doug Bancroft (NAIS/CIS)
	<ul style="list-style-type: none"> Discussion – what plans do Norway, Canada and the Russian Federation have to implement services in the Arctic? Is assistance available from other Ice Services? 	
16:30 – 17:00	IICWG IX Press Release	Co-Chairs
	<ul style="list-style-type: none"> Discussion of press release draft text 	
17:00	End of Day 1	



9th Meeting of the IICWG



Wednesday, October 22	Topic	Lead / Speaker
08:00 – 08:30	Coffee	
08:30 – 10:00	Ice Charting Systems Update	Frode Dinessen (met.no)
	<ul style="list-style-type: none"> SMHI Ice Charting – Past, Present and Future 	Torbjörn Grafström / Anette Jönsson (SMHI)
	<ul style="list-style-type: none"> POLARIS – the NAIS Common Production System 	Marie-France Gauthier (NAIS/CIS)
	<ul style="list-style-type: none"> Ice Objects and Electronic Navigational Charts (ENC) Update 	Doug Bancroft (NAIS/CIS)
	<ul style="list-style-type: none"> Testing of Ice Objects Presentation on ENC in AARI 	Vasily Smolyanitsky (AARI)
	<ul style="list-style-type: none"> Session Summary 	Frode Dinessen
10:00 – 10:30	Break	
10:30 – 12:00	Collaboration in Ice Chart Production	Keld Qvistgaard (DMI)
	<ul style="list-style-type: none"> Experience from operating across 8 time zones 	Keld Qvistgaard
	<ul style="list-style-type: none"> Ice Chart Harmonization – Experience of the North American Ice Service 	Marie-France Gauthier (NAIS/CIS)
	<ul style="list-style-type: none"> Review of the Ice Analysts Workshop June 2008 	Jürgen Holfort (BSH)
	<ul style="list-style-type: none"> Ice Service Requirements Questionnaire 	John Falkingham (IICWG)
	<ul style="list-style-type: none"> Discussion 	All
	<ul style="list-style-type: none"> Session Summary 	Keld Qvistgaard
12:00 – 13 :30	Lunch	
13:30 – 17:00	Committee Working Meetings	
	<ul style="list-style-type: none"> Science Committee 	Konferensrum 1
	<ul style="list-style-type: none"> Data Committee 	Olga Bardh Room
	<ul style="list-style-type: none"> Co-Chair Meeting 	Erik Lindegren Room
Including 15:00 – 15:30	Break	
17:00	End of Day 2	
19:00	No-Host Social Dinner	Elite Stadshotell



9th Meeting of the IICWG



Thursday, October 23	Topic	Speaker
08:00 – 08:30	Coffee	
08:30 – 10:00	International Polar Year	Helge Tangen (met.no)
	<ul style="list-style-type: none"> Activities of the Ice Services during IPY <ul style="list-style-type: none"> Roundtable – verbal update by ice service representatives (5minutes each) 	Ice Service Reps
	<ul style="list-style-type: none"> Global Cryosphere Watch and IPY Legacy 	Barry Goodison (WMO)
	<ul style="list-style-type: none"> WMO/ICSU IPY Space Tasks Group SAR Coordination Activity 	Dean Flett (CSA)
	<ul style="list-style-type: none"> Future of the ETSI-IICWG IPY Ice Logistics Portal (Discussion) 	John Falkingham (IICWG)
	<ul style="list-style-type: none"> Session Summary 	Helge Tangen
10:00 – 10:30	Break	
10:30 – 12:00	Technical Presentations	Ken Macdonald (EC)
	<ul style="list-style-type: none"> Icebreaking in the Baltic Sea 	Ulf Gullne (SMA)
	<ul style="list-style-type: none"> Oil Drift Forecasts with Seatrack Web in Ice Conditions 	Anette Jönsson (SMHI)
	<ul style="list-style-type: none"> MyOcean 	Helge Tangen (met.no)
	<ul style="list-style-type: none"> The MORSE Initiative 	Dean Flett (CSA)
12:00 – 13:30	Lunch	
13:30 – 15:30	EO Mission Updates	Roger De Abreu (NAIS/CIS)
	<ul style="list-style-type: none"> RADARSAT-2 	Gord Rigby (MDA)
	<ul style="list-style-type: none"> Envisat and Sentinel-1 	Ola Gråbak (ESA)
	<ul style="list-style-type: none"> RADARSAT-1, Radarsat Constellation Mission and PCW 	Dean Flett (CSA)
	<ul style="list-style-type: none"> ALOS and ASF 	Nettie La Belle-Hamer (ASF)
	<ul style="list-style-type: none"> TERRASAR-X 	Frank Hensler (Infoterra GmbH)
	<ul style="list-style-type: none"> AVHRR/MODIS/QuikSCAT/AMSR 	Caryn Panowicz (NIC)



9th Meeting of the IICWG



	<ul style="list-style-type: none"> • KSAT 	Richard Hall (KSAT)
	<ul style="list-style-type: none"> • Session Summary 	Roger De Abreu
15:30 – 16:00	Break	
16:00 - 16:30	Official Meeting Close	Co-Chairs
	<ul style="list-style-type: none"> • Approval of Press Release 	Co-Chairs
	<ul style="list-style-type: none"> • Meeting Summary 	Eric Madsen / John Falkingham
	<ul style="list-style-type: none"> • Comments on the meeting / Suggestions for future meetings 	All
	<ul style="list-style-type: none"> • IICWG X Announcement 	
	<ul style="list-style-type: none"> • Final Words 	Co-Chairs
	End of Day 3	



9th Meeting of the IICWG



Friday, October 24	IICWG Members Meeting	
08:00 – 08:30	Coffee	
08:30 – 08:45	Opening Remarks	Co-Chairs
	<ul style="list-style-type: none"> Review / Adoption of Agenda 	
08:45 – 09:15	Data Committee Brief	Keld Qvistgaard / Marie-France Gauthier
09:15 – 10:00	Science Committee Brief	Anette Jönsson / Pablo Clemente-Colón
10:00 – 10:15	Break	
10:15 – 11:00	Discussion on Business Arising	Co-Chairs
	<ul style="list-style-type: none"> What actions can the IICWG take as a result of the information it has heard during the course of this meeting? Recommendations for themes or special sessions at the next meeting 	
11:00 – 11:30	Review of Action Items	Eric Madsen / John Falkingham
	<ul style="list-style-type: none"> Including actions to be taken during the 1-month immediately following the meeting 	
11:30	Final Close	Co-Chairs