

Ice Analysts Workshop

15-19 June 2009

Norwegian Meteorological Institute (met.no) Forecasting Center for the Northern Norway

PROVISIONAL AGENDA

1. Opening of the workshop

- 1.1 Opening and welcome
- 1.2 Adoption of the agenda
- 1.3 Workshop logistics and arrangements

2. Reports

- 2.1 Reports by national services on their current practices and key points for ice mapping systems and techniques for the last season 2008/2009
- 2.2. Reports/presentations from satellite data providers

3. Case studies

- 3.1 Workshop logistics
 - 3.1.1 Presentation of online resources to be used during case-studies
 - 3.1.2 Identification of a strategy for comparing practices and ice products
 - 3.1.3 Identification of 3-4 regional groups:
 - West Arctic (Barents/Greenland Seas) / East Arctic (Beaufort/Chukchi Seas) / Baltic Sea / Antarctic
- 3.2 Case study 1 (Day 1, Monday): Comparison of routine ice charts and satellite imagery from the past season 2008-2009 by regions and national ice services
- 3.3 Case study 2 (Day 2, Tuesday):
 - Online analysis of synchronous satellite imagery by ice analysts for 3-4 selected regions
 - Training on Identification and tracking multiyear ice floes in the Canadian Arctic
- 3.4 Case study 3 (Day 3, Wednesday): Online analysis of routine dataset shared by met.no (SAR/VIS/IR, weather stations) and ice charting for the Barents Sea by 3-4 teams of ice analysts
- 3.5 Case study 4 (Day 4, Thursday): Import, export and assimilation of ice charts in gridded and vector internal and WMO formats between the services
- 3.6 Case study 5 (Day 4, Thursday): Identification of uncertainties in historical series of ice charts since initiation, the routine ice mapping, using ice charts from the Baltic Sea Ice Services for 1950s-2008 as a model

4. Discussions

- 4.1 Discussion 1 (Day 2, Tuesday): Identification of differences in presentation schemas, list and uncertainties of sea ice parameters by regions, seasons and sensors for the routine ice charts and imagery for the past 2008-2009 season
- 4.2 Discussion 2 (day 3, Wednesday): Identification of differences in ice analysis techniques based on online ice analysis for 3-4 selected regions and a common region using Barents Sea as a model
- 4.3 Discussion 3 (day 4, Thursday): Changes in ice services and customers requirements to initial information (satellite products, in-situ data) and sea ice products
- 4.4 Discussion 4 (day 5, Friday): Harmonization, exchange of products and integration of ice charting, potentials for the training in sea ice analysis (implementation of coding schemas, SIGRID-3, ENC, gridded data etc)

5. Review of existing sea ice regulatory publications (day 5, Friday)

6. Workshop proceedings

- 6.1 Development of a summary of ice charts and ice analysis differences for operational practices and climatological studies
- 6.2 Development of guidelines for harmonization of ice practices and training in ice analysis
- 6.3 Workshop actions and report

7. Closure of the workshop