



**Data, Information & Customer Support
Standing Committee
Status of Action Items from IICWG-9
25 September 2009**

Co-Chairs

Marie-France Gauthier and Keld Qvistgaard

With thanks to incoming co-chair Caryn Panowicz, replacing M-F. Gauthier



DICSSC Carry-over Action Items

DC 7.4 Interoperable Data Formats - Standardize the SIGRID3 implementation among ice centres.

Responsible: J. Falkingham, Caryn Panowicz and IICWG co-chairs.

Target Date: December 2008

Status: OPEN

VS: JCOMM ETSI is supervising this action. From 2007 ice services started to post (via ETSI chair) SIGRID-3 software and data at JCOMM SPA web-site and their home web-sites. The latest version of the standard (with year 2007 updates) is available electronically. During IAW-I (June 2008) and IAW-II (June 2009) we started to investigate the level of format standardization by looking precisely on datums, projections, codes and testing export/import capabilities. ETSI-IV (2010) should and will take an action item on next SIGRID-3 update and harmonization between WMO Sea Ice Nomenclature codes / SIGRID-3 / Ice in S-57&S-100

DICSSC Carry-over Action Items

DC 8.6: WKT String data standard for georeferencing imagery in electronic navigational chart.

It is proposed that WKT be used for sea ice imagery in electronic charts. IICWG to contact IHO Committee to see if the WKT standard can be adopted.

Responsible: Falkingham

Target Date: before IICWG-X

Status:

Recommend that this action item be CANCELLED. After investigation into WKT, it was determined that there is not enough information to propose this to IHO. It appears that WKT would be a very appropriate standard to use (it is a common open source standard) for imagery in electronic charts but a much more detailed explanation of how it would be used is required. A significant amount of work must be undertaken to do this.

VS: It is useful to harmonize WKT-parameters on the level of ice services customers. Navigational systems presently utilize limited variations of WKT descriptions of prj which commonly do not coincide with satellite data providers. However creation of WKT by 2009 is supported by a sufficient number of packages (e.g. GDAL, ScanMagic etc) implemented by several ice services. At IAW-II case study we investigated differences in WKT, and we plan to continue within ETSI and IAW-III.

DICSSC Carry-over Action Items

DC 8.7: All Ice Services to post their SIGRID-3 scripts and brief documentation for SIGRID-3 production on the JCOMM Services website. Ice services to provide feedback on the usefulness of the scripts.

Responsible: Smolyanitsky & all

Target Date: March 2008

Status: OPEN

VS: AARI, NIC & CIS have populated the JCOMM Services website. During IAW-II we discussed implementation of SIGRID-3 format among the ice services. An AARI report on export/import capabilities is on agenda.

DICSSC New Action Items

DC 9.1 Ice Analysis Workshop

Second international workshop with a focus on the practice and methodology used by the different ice services to produce ice chart as a mean to increase our effort towards chart harmonization.

Responsible: EIS (Helge Tangen), Jurgen Holfort,
Vasily Smollianitsky, JCOMM secretariat

Target Date: Letter to ice services 31 Dec. 2008

Status: CLOSED

Workshop took place June 15-19, 2009.

DICSSC New Action Items

DC 9.2 Open water occurrence during the period of observation in NWP and Northern Sea Route - media and public information

Responsible: M-F. Gauthier, Caryn Panowicz, Vasily Smolyanitsky

Target Date: December 31, 2008

Status: WORK IN PROGRESS.

VS: Estimates are dependant on duration of climatology, availability of information for the whole NWP and NSR and level of icebreaker support. Briefs are prepared by AARI and CIS.

DICSSC New Action Items

DC 9.3 Ice Service brief ice presentation to be included as part of the IICWG meeting; not the science workshop

Free format (no specific template) but should present information in a context of climatology and focus on the impact on the end users

Responsible: Organizers of IICWG-X

Target date: IICWG-X

Status: CLOSED

On the agenda for IICWG-X.

DICSSC New Action Items

DC 9.4 Ice Services practices/methodology description and videoconference. Participants from the IAW-2008 to prepare a Technical document describing the practice/methodology used to prepare ice analysis charts along with a statement on the ArcGIS and ice analysis tools used. Organize a videoconference to discuss the content of the Technical documentation in preparation of the next Ice Analysis Workshop.

Responsible: IAW-2009 organizing committee, all ice services

Target date: Description Dec. 31 2008 and videoconference Feb-March 2009

Status: CLOSED

Workshop took place June 15-19, 2009.

DICSSC New Action Items

DC 9.5 Future Ice Charting Systems Management

Design of joint new and potentially complex ice charting systems are on ongoing in NAIS and EIS.

Organize a session on the challenges related to procedures for joint administration, development, implementations, upgrades, operational hotline, staff training and budget allocation, etc. at IICWG-X.

Preparation will be required before the next session to look at the technical aspects/options in systems management.

Responsible: Organizers of IICWG-X, Keld Qvistgaard

Target date: IICWG-X

Status: CLOSED

On agenda for IICWG-X.

DICSSC New Action Items

DC 9.6 SIGRID-4 Prototype

Coordinate the revision of OGS formats capabilities to deal with sea ice information and develop suggestions for a SIGRID-4 prototype

Responsible: Vasily Smolyanitsky

Target date: Before the next ETSI session in 2009

Status: ETSI-IV session is planned for January 2010. Background document on existing XML and OpenGIS standards related to marine meteorology will be prepared for the session.

Action will be continued.

DICSSC New Action Items

DC 9.7 Logistics portal for ice information (Post IPY)

Define a new context and develop a vision paper for the portal; review options for its location along with estimate level of effort to do the work. Seek feedback from users and find out who are the users.

Send a letter to ESA indicating that IICWG has an action to look at options for the IPY Portal and thanking them for their offer to support this initiative until a decision is made.

CIS to fund Polar-view to prepare an analysis on the usefulness of the portal and identify users.

Responsible: J. Falkingham, Jürgen Holfort

Target date: Mid-December 2008

Status: OPEN

On agenda for discussion at IICWG-X.

DICSSC at IICWG - X

Current Status:

4 closed actions

6 open action items

→ Data committee meeting Wednesday afternoon session