



Data, Information and Customer Support Standing Committee (DICSSC) Report

IICWG-18

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Co-Chairs**

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Outline

- **DICSSC activity since Ottawa**
- **Summary of 2017**
- **Highlights**
- **Work still to do**
- **Looking toward 2018**



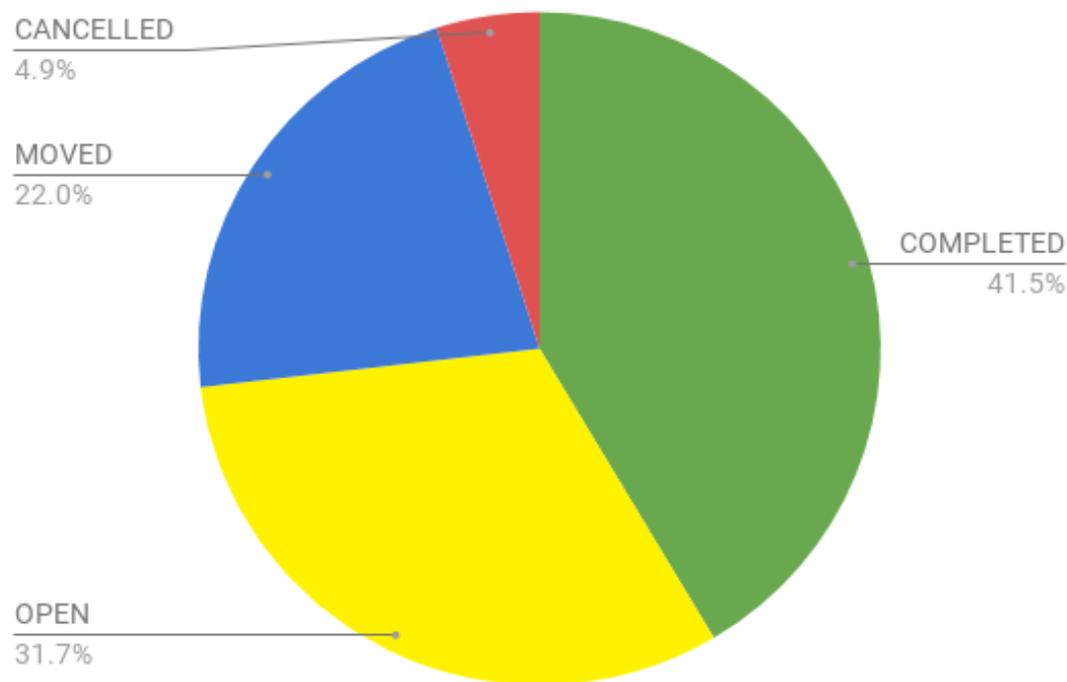
DICSSC Activity since Ottawa..

- **Approximately 6 teleconference meetings (held every other month).**
- **Lots of activity leading up to and right after ETSI.**
- **No meeting in July because A68 calved.**
- **Technical issues connecting everyone.**
 - **Skype, Google hangouts, Webex and the telephone.**
 - **Looking for more reliable solution for 2018.**



2017 Summary

COMPLETED 17
OPEN 13
MOVED 9
CANCELLED 2





Highlights

- **Significant work completed in 2017**

- Updated information in WMO 574 with emphasis on southern hemisphere ice services. (16.4).
- Several actions in southern hemisphere capacity building: Use of Ice Logistics portal for SH (16.4), revisiting Argentina's sea ice manual (16.7), Argentina Navy observations (negative outcome, 16.8), MinilAW in Hobart 2017.
- Python tools to convert SIGRID-3 and S411 standard developed. (16.11)
- Rough draft of best practices document for updating Antarctic ice shelves submitted to interested ice services for comments. (17.7)
- Draft of Ice Analyst/Forecaster qualification standards created during a meeting between NIC, CIS, and MetNo. (17.11)
- NSIDC Websites collected and submitted for updates. (17.9)
- Update IICWG ice services handout and presentation for stakeholders (17.13)



Still Needs Work

- **Some AIs that still need work or an update.**
 - **Create minimum metadata requirements for SIGRID-3, S411, and WIS. Encourage ice services to include metadata in datafiles. (17.3)**
 - **Working group to identify standards for measuring uncertainties in ice charting practices. Develop ice chart confidence levels. Introduce proposal for ice services to adopt confidence levels in sea ice parameters. (17.4, 17.5, 17.6)**
 - **Develop product guide template for ice chart users. (17.12)**
 - **Report on collecting user needs (17.14)**



Looking ahead to 2018

- **Action Items - looking to write more targeted, specific items so that goals and completion is clear.**
- **New Member - Antti Kangas' term is up.**
- **Better solution for teleconferences. Suggestions?**
- **??**



Questions?



Action Item DC 15-7

- **Send the already developed potential sea ice portrayals taking into account the possibilities of electronic display systems for scaling, symbol merging, etc. and including possibilities to combine the hatching and the color schema and to better incorporate melting.**
- **Responsible: D. Langlois, J. Holfort**
- **Deadline: 1 Dec 2016**

- ***Status: OPEN***
 - *Already developed but needs update from Vasily and Jurgen*

CONTINUE?



Action Item DC 16-4

- Solicit input to update information and examples in WMO 574 by end of 2016, with emphasis on southern hemisphere services.
- Responsible: C. Panowicz, V. Smolyanitsky
- Deadline: May 31, 2017
- **Status: CLOSED**
 - 2017 edition finalized in July 31st.

COMPLETE



Action Item DC 16-6

- Review Argentina preliminary manual and translate to English. Send review to IICWG.
- Responsible: P. Clemente-Colón, A. Scardilli
- Deadline: IICWG 2017
- **Status: CLOSED**
 - *Spanish version of manual is completed; currently under revision of authorities*
 - *English version is translated with release under review and consideration*

COMPLETE



Action Item DC 16-8

- Investigate Argentina Navy ships capability of sending ship observations information into GTS. The limitation is based on costs and internet capability.
- Responsible: A. Scardilli, V. Smolyanitsky
- Deadline: IICWG 2017

- **Status: CLOSED**
 - *Internet access onboard is limited and there are no funding for data transmission into GTS.*
 - *Argentina will keep trying to include their ship's observations into the GTS in the near future.*

COMPLETE



Action Item DC 16-11

- Investigate development of python tools for QGIS to convert to Sigrid-3 standard.
- Responsible: A. Scardilli, P. Wagner, N. Hughes
- Deadline: IICWG 2017
- **Status: CLOSED?**
 - *Implemented at IICWG Mini IAW.*

COMPLETE?



Action Item DC 16-12

- **Compile clear and concise documentation on the southern hemisphere which describes individual practices in ice charting. This should include technical platform, data format for ice products, goals...etc. Interest for this document was initiated due to the need to acknowledge different practices and customer bases for each country doing ice charting activities in the Southern Hemisphere. The purpose is to provide a clear idea of how we can proceed to work together with future activities.**
- **Responsible: S. Carpentier, P. Wagner**
- **Deadline: IICWG 2017**
- **Status: CLOSED?**
 - *The current Australian service of sea ice information continues to be delivered by Tony Worby's group, with Jan Lieser and Neal Young carrying out the bulk of the effort. Jan has already documented the service methodology. Jan had compiled a little document on how they provide sea-ice service to their clients.*

COMPLETE?



Action Item DC 16-13

- **Evaluate method to open data policy for ice chart information from Australia (i.e. limitations, legality, etc.).**
- **Responsible: S. Carpentier**
- **Deadline: IICWG 2017**

- ***Status: OPEN***
 - *Awaiting update from Australia.*

CONTINUE



Action Item DC 17-1

- **Update the DICSSC members email addresses and share the link for this Action Item sheet.**
- **Responsible: C Panowicz**
- **Deadline: 1 Nov 2016**

- ***Status: CLOSED***
 - ***Completed***

COMPLETED



Action Item DC 17-2

- Prior to ETSI, provide data requested in DICSSC working table list (17-2) the information each service would like to be considered by ETSI.
- Responsible: All Ice Services
- Deadline: 15 Dec 2016
- **Status: OPEN**
 - There are numerous items to be commented on in the DICSSC working list for this action item.
 - *Need update from POCs.*

CONTINUE



Action Item DC 17-3

- Create minimum metadata requirements for Sigrid-3, S411 and WIS.
- Responsible: J. Holfort
- Deadline: 15 Dec 2016 – in time for ETSI

- **Status: OPEN**
 - *Need update from POCs*

CONTINUE



Action Item DC 17-4, 17-5, 17-6

- **Establish a working group and identify standards to measure uncertainties with common sea ice charting analysis practices and provide documentation to DC members.**
- **Using the parameters from DC17-4, develop a draft method to estimate the ice chart confidence level and present at next IICWG.**
- **Plan meeting to prepare proposal for consideration by ice services on ice chart confidence levels from work done in DC 17-4 and DC 17-5. Include possible ways to include confidence levels for specified parameters in the ice objects catalog.**
- **Responsible: S. Helfrich, P. Wagner, A. Kangas**
- **Deadline: 15 Jul 2017**

- ***Status: OPEN***
 - *Ongoing*

CONTINUE



Action Item DC 17-7

- Recommend best practices for common ice shelf updates. (From IAW-5).
- Responsible: C. Readinger, N. Hughes, V. Smolyansky, N. Young
- Deadline: 15 July 2017

- **Status: CLOSED**
 - Antarctic Ice shelves updated, and implemented in operational databases. Able to distribute to interested parties. Best practices for ice shelf updates submitted to fellow POCs.

COMPLETE



Action Item DC 17-8

- Set up a password protected ftp site at AARI for ice services to send latest SIGRID-3 files. Keep rolling archive for 30 days.
- Responsible: V. Smolyansky, A.Kangas
- Deadline: 15 May 2017

- **Status: OPEN**
 - *Waiting for update.*

CONTINUE



Action Item DC 17-9

- Complete full review of IICWG web pages and propose updates to NSIDC.
- Responsible: P. Wagner, G. McGrath
- Deadline: 1 Apr 2017

- **Status: CLOSED**
 - List of websites submitted to Florence at NSIDC to work on implementing the updates.

COMPLETE



Action Item DC 17-10

- Address restoration of IPAB configuration and encourage better coordination with other institutes with regular buoy deployment to make data open source.
- Responsible: P. Clemente Colon
- Deadline: 1 Apr 2017
- **Status: ON HOLD**
 - *Pablo willing to continue, however he suggests Petra Heil (AAD) or Christian Haas to be the new IPAB Coordinator POC.*

CONTINUE?



Action Item DC 17-11

- **Generate overview plan for ice analyst training to include GIS, analysis basics, WMO regulations, Polar Code, and basic knowledge required for position. Draft for use now and as possible input for future certification through WMO.**
- **Responsible: P. Wagner, C. Panowicz**
- **Deadline: 1 Apr 2017**

- ***Status: OPEN***
 - *Meeting May 30-June 1 with NIC, CIS, and MetNo. Draft of requirements for analysts and forecasters created.*
 - *Short session about this on Thursday at 2nd Committee Working Session to request feedback from other ice services.*

CONTINUE



Action Item DC 17-12

- **Develop a template for a product guide draft for users. Define what should be included and a proposal for collection of the data. Insight on Polar Code should be considered. All committee members will be included for input.**
- **Responsible: P. Wagner, A. Fleming (All DICSCC)**
- **Deadline: 5 Apr 2017**

- ***Status: OPEN***
 - *No*

CONTINUE



Action Item DC 17-13

- **Update IICWG handout on all ice services and finalize a presentation for use at stakeholder meetings in order to conduct user outreach. Route to Ice Services for input/comment.**
- **Responsible: G. McGrath**
- **Deadline: 1 Apr 2017**

- ***Status: OPEN***
 - *Presentation is complete and submitted to Secretariat. Handout will be completed when Public Emergency Response Contact List is updated in late April.*

CONTINUE



Action Item DC 17-14

- **Report on ideas/current methods ice services use to collect user needs. Ice services will report information for compilation of information and presentation at IICWG 2017.**
- **Responsible: G. McGrath, P. Wagner**
- **Deadline: IICWG 2017**

- ***Status: OPEN***

CONTINUE