



ASRSC ACTION ITEMS DISPOSITION

Wind-up of the ASRSC – September 2018

Applied Science and Research Standing Committee

- SC 15-9 Argentina, Chile and other southern hemisphere services to share near real-time and historical in-situ ice and meteorological observations from Antarctic stations via NSIDC. Provide manual (in Spanish) on ice observations training. Ice observations are twice a week, meteorological every 6 hours. Report on activity at IICWG-XIV
- Responsible: Alvaro Scardilli, ASRSC co-chairs, Florence Fetterer
Deadline: April 2018
Status: CLOSED. Near-real time/current ice and iceberg information available at <http://www.hidro.gob.ar/Smara/glacio/sglaciologica.asp>. Information obtained from Alvaro: In-situ ice and met station observations sharing via NSIDC is pending. Argentina has a database of ship/station ice observations from 1980 to present that can be shared with NSIDC. A contact is needed to start coordination. Argentine Navy ships are in the process of incorporation in the Voluntary Observing Ship (VOS) program. Information obtained from Vasily: AARI and NSIDC are receiving regularly reports from the Argentinian meteorological coastal station. At AARI, messages are stored internally. Vasily proposes to copy ice charts from Argentina in SIGRID-3 and graphics at ice.aari.aq in a similar manner as NMI does (using scripts to sftp charts). They can then easily forwarded to the WMO Global Cryosphere Watch, etc ensuring the WMO visibility. Similar, Vasily may start to publish all icebergs and coastal reports for the SO at <http://ice.aari.aq>. As the site has both the http and sftp access, it may be mirrored at NSIDC.
- SC 16-2: Make the Argentinian ice observation manual available via Global Cryosphere Watch web page (Reference → Other Resources <http://globalcryospherewatch.org/reference/other/>).
- Responsible: Vasily Smolyanitsky, Alvaro Scardilli
Deadline: January 2018
Status: CLOSED. The Spanish version of the manual is completed. Publication editors are working on the final format. It will be available in digital format in summer 2018. The English version is translated but there is discussion about whether Argentina should submit a manual in a language than Spanish (their official language).



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- SC 17-3** Exchange methodologies and evaluation techniques for ice information verification, including observations, charts, and model outputs. The long term objective is to move towards standards for verification. Brief and/or report on progress to be delivered at or prior to the next IICWG.
Responsible: Paul Pestieau, Sean Helfrich, Till Rasmussen, Nick Hughes, Mike Hicks, Phil Reid
Deadline: IICWG-XIC
Status: Moved to the PARKING LOT.
- SC 18-5** Trigger dialogue between data assimilation research and operational ice services on their respective needs regarding data input / output of results. Report on the outcome at the next IICWG meeting.
Responsible: Nick Hughes, Leif Toudal Pedersen
Deadline: IICWG-XIX
Status: CLOSED. Several Ice Services were present at the 8th International Workshop on Sea Ice Modelling, Data Assimilation and Verification in November 2017 (MET, DMI, NIC, CIS) and lively discussions took place about the interaction between assimilation research and operational ice services. Additionally, the workshop series led to the publication of the book “Sea Ice Analysis and Forecasting: Towards an Increased Reliance on Automated Prediction Systems” (Carrieres, Buehner, Lemieux, Pedersen).
- SC 18-6** Start a discussion on developing strategies for visualizing simulation (forecast) model output at the Data Assimilation Workshop in November 2017.
Responsible: Nick Hughes, Phi Reid
Deadline: November 2017
Status: CLOSED. There was little time for discussion at the DAWG workshop.