

INTERNATIONAL ICE CHARTING WORKING GROUP (IICWG)

Task Team 15

Iceberg Risk-based Products

Most Recent Update: 01 May 2021

Task Team Leader: Mike Hicks - Michael.R.Hicks@uscg.mil

Team Members:

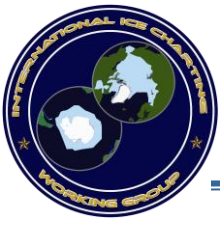
- Pascale Bourbonnais - PBourbonnais@fednav.com
- Jørgen Buus-Hinkler - jbh@dmi.dk
- Andrew Fleming - andrew.fleming@polarview.org
- Richard Hall - richh@equinor.com
- Alex Hamel - Alex.R.Hamel@uscg.mil
- Jürgen Holfort - juergen.holfort@bsh.de
- Nick Hughes – nick.hughes@met.no
- Jan Lieser - jan.lieser@bom.gov.au
- Alejandro de la Maza Dorión - adelamazad@dgtm.cl
- Annika Ogilvie - icenav@fednav.com
- Ashok Pandey - apandey@maritime.edu
- Keld Qvistgaard – kqh@dmi.dk
- Chris Readinger - christopher.readinger@noaa.gov
- Alvaro Scardilli - asscardilli@hidro.gov.ar
- Neal Young - neal.young@utas.edu.au
-

Task Objectives:

- Develop the prototype IIP iceberg density product into an operational iceberg hazard product that can be standardized across ice services.
- Conduct field trials with maritime operators to incorporate feedback into the development of the product.
- Consider use of Polar View as a platform to gather mariners' feedback.

Status:

- Held two joint meetings with Task Team 16 to discuss common goals and coordinate an approach to interact with mariners.
- Pascale (FEDNAV) and Keld (DMI) aligned the first trial period with FEDNAV in March. Keld also coordinated with Royal Arctic Lines and Danish Defense to provide feedback during the same time frame.
- DMI developed a tailored iceberg density product (sample from 29 March provided) and distributed twice-weekly products to mariners in shape file and graphic format (8 total).
- Keld and Annika (FEDNAV) presented mariner feedback at Task Team meeting in April.



INTERNATIONAL ICE CHARTING WORKING GROUP (IICWG)

Next Steps:

- Group to meet again in late-May/early June to identify and coordinate future trial period(s).
- Review and standardized questions to pose to mariners during future trial periods.
- Collect feedback from FEDNAV, RAL, Danish Defense and USCGC Healy (as available).
- Discuss/decide how best to incorporate vessel responses.

Estimated Percent Complete: 30%

Interaction with Other Task Teams:

- Task Team 16 is an analogous task for sea ice hazards.

What is working well?

- Coordination with Task Team 16 was helpful in establishing a coordinated front for mariner interaction.
- Exceptional initiative on Keld and Pascale's part to coordinate Royal Arctic Lines (RAL), FEDNAV and Danish Defense involvement.
- Outstanding cooperation from FEDNAV and RAL vessel captains during first feedback period.

Are there barriers hindering progress?

