



INTERNATIONAL ICE CHARTING WORKING GROUP (IICWG)

Task Team 8-2

Maritime Training Centre Engagement

Most Recent Update: 19 July 2021

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Task Objectives:

- Building on the 2019 and 2020 surveys outcome, investigate the identified potential for enhanced collaboration between ice services and marine training centers, including use of ice service data in simulators, relevant expertise in various training modules and share experience about what is working well in different places.

Status:

- 06 October 2020: Team established. First team update
- October/November 2020: startup, initial iterations to expand and focus the 8 working areas for TT8.
- January/February 2021: TT8-2 workscope modified and reduced due COVID-19 (see below)
- Two virtual TT8-2 meetings in February and April 2021, numerous email iterations.
- Subtask 8.A: 14 resources identified and high level contents presented as Powerpoint 1-pagers. Expect another 2-3 resources to be included
- Subtask 8.B: 13 resources identified and high level contents presented as Powerpoint 1-pagers. Expect another 1-2 resources to be included



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- Subtask 8.C: 4 examples (Chile, Argentina, Australia and Denmark) identified and high level contents presented as Powerpoint 1-pagers.
- Subtask 8.D: First draft circulated to TT8-2 members. Discussions ongoing.

NEW and focused WORK SCOPE and topics towards IICWG-XXII:

8.A Ressources for understanding, observing and reporting ice

8.B Ressources for decision making in ice-covered waters, ressources combining ice and navigation (example attached)

8.C Ongoing collaboration (good examples) between maritime training training facilities and ice centers

8.D Headlines of best practices guide for preparing mariners for ice covered waters

8.E Identified gaps and potential

8.F Recommendations for IICWG-XXI

ORIGINAL WORK SCOPE for TT8-2 (Blue topics are taken out due COVID-19)

- Collect/prepare concrete examples on ice service specialists work and experience with the maritime training centers through recent years.
- Explore potential for specific marine training recommendations, include e-learning opportunities. Suggest roadmap for selected topics.
- Prepare headlines for a documentation package for mariners (what mariners must know about the Polar Waters, ice services and their products)
- **Prepare an example of a data package to the Maritime Training Centers, for ECDIS/simulator and evaluate the use of it.**
- Evaluate and improve “Best Practices” concerning the balance various types of ice products for navigation in ice-covered waters (balance between satellite data, level of detail, value added data and forecast products)
- The value/benefit but also costs of an ice specialist in different fields (operations, development, vessel bridge, at training center)
- **Ice center specialists visit to maritime training centers, including simulator, lectures and ice display (on-hold due pandemic)**
- **Maritime Training Center representatives to visit ice centers, including production setup (on-hold due pandemic)**

Next steps:

- Complete subtask 8A, 8.B, 8.C and 8.D by mid-June
- Next TT8-2-telecon planned for early June
- Mid-June to late July: Subtask 8.E Discussions based on Subtask 8.A-8.D findings
- Mid-June to IICWG-XXII: Subtask 8.F
- During IICWG-XXII: submit Subtask 8.A, 8.B, 8.C, 8.D powerpoint summaries to IICWG website for global community access

Estimated Percent Complete: 70 %



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Interaction with Other Task Teams: NO

What is working well?

Strong, committed team with representatives from ice services, training institutes, and mariners.

Are there barriers hindering progress?

COVID-19 pandemic is preventing reciprocal visits between ice services and training institutes. We are all drained from several months working from home. Everything just takes longer...