



## INTERNATIONAL ICE CHARTING WORKING GROUP (IICWG)

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Task Team 3

### E-NAVIGATION

Most Recent Update: 18 June 2020

**Task Team Leader:** Jürgen Holfort - [juergen.holfort@bsh.de](mailto:juergen.holfort@bsh.de)

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**Summary of Original Task:**

- This work is intended to promote and facilitate the presentation of ice chart information on the ECDIS on board of ships.
- A prerequisite is to keep the S411 format up to date, incorporating also new features.
- Assist the producers of ECDIS so they can easily incorporate the format into their systems.
- Continue making S411 ice charts readily available and develop the ability to produce charts in S411 format at every ice service issuing ice charts.
  - This may require that, for individual ice services, some changes in the production will be necessary due to the needed standardization (stricter metadata requirements and error checking, interplay with other S100 data).

**Status:** Continue with following revisions:

- Re-focus on developing rules and capabilities to produce scalable ice charts

**Next Steps (if any):**

- Develop rules for generalization of ice chart information portrayal when up-scaling from high resolution to regional scale
  - Intention is to present ice charts on the scale of IHO navigation charts
- Consider 3 regions to explore – iceberg charts around Cape Farewell, Baltic Sea, West Antarctic Peninsula
- Consider the operational implications of producing scalable ice charts (can ice services produce sufficiently high resolution charts in all areas)

**Estimated Percent Complete:** 5%

**Interaction with Other Task Teams:**

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**What is working well?**



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**Are there barriers hindering progress?**

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