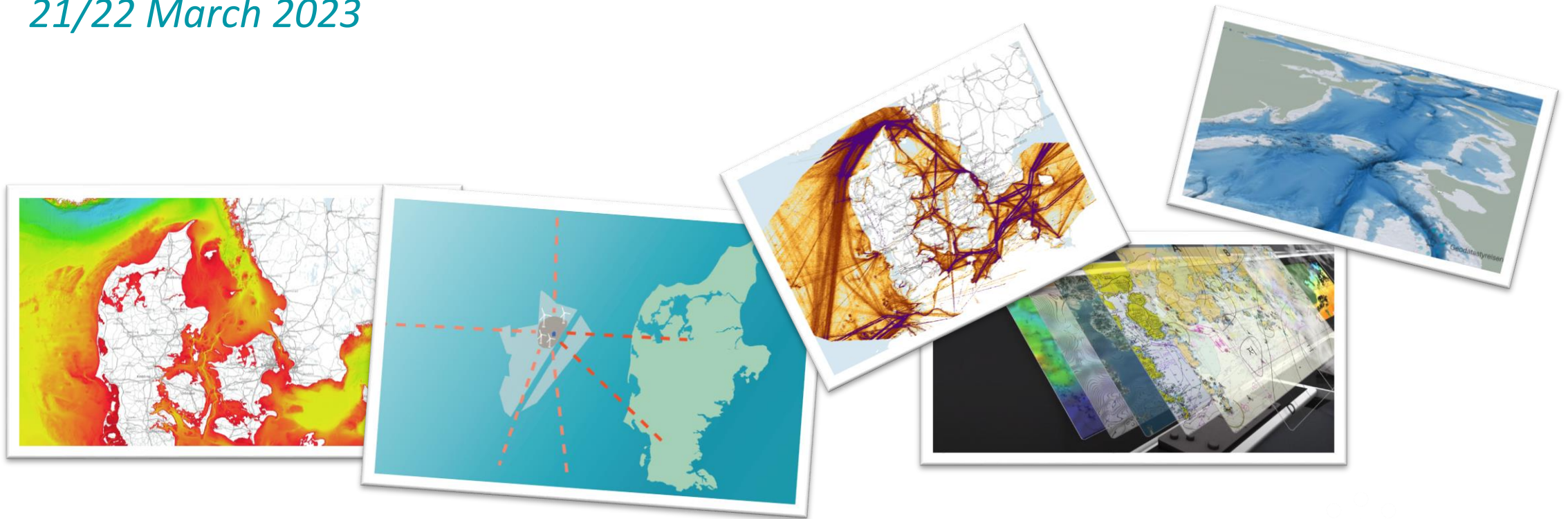




S-100 Implementation, Denmark:

*NHC – 66, Aalborg
21/22 March 2023*





What do you see as the three biggest challenges in implementing S100 in you Hydrographic Office?

- A lack of resources as we need to implement the new standards in a relatively short time, while supporting current production of both S-57 and paper charts. This is a challenge both in terms of production systems, resources and competences.
- The operational version of the S-101 (2.0.0) standard isn't ready until 2025, which gives a relatively short time to finalize the production system and production processes. As long as product specifications and interoperability between products has not been finalized there is an element of 'moving target' regarding design and implementation of production systems and processes.
- The complexity of the implementation task and the extensive need to coordinate with other agencies adds new challenges to the work of the Hydrographic Office.



Do you expect that implementation of S-100 will change your current production processes? Will it impact the structure of your organization (i.e. need for new capacities, skills etc.)?

In short - Yes!

Primarily it will affect our cooperation with DMA (Danish Maritime Authority), who are responsible for NtMs, Aids to Navigations and Navigational warnings. It also places greater demands on coordination with other authorities responsible for relevant data.

There will be a bigger need for consistency between data layers, which will demand increased focus on validation and quality control.

This means that we will need to review our processes, employee competencies, and organizational structure.



ROK and Canada have both been running National S-100 Committees to enable coherent national S-100 implementations Instructions for the Submission of Reports and Proposals for Consideration by HSSC (iho.int). Have your offices initiated anything similar, or what is your office's/your country's approach to the role as National S-100 coordinator?

We are aware of our role as National S-100 and have considered similar initiatives in Denmark.

So far, we are in dialogue with the two biggest stakeholders – DMA and DHI – regarding cooperation agreements, roles and responsibilities.

National coordination is potentially a large task, so we have asked our ministry for extra financing.