

5th Arctic Regional Hydrographic Commission Meeting
28-30 October 2015, Saint Petersburg,
Russian Federation

New Danish national ENC service for leisure craft users
September 2015

In our role as Denmark's national hydrographic office, the Danish Geodata Agency (DGA) has decided to introduce a new national ENC service for the leisure craft market.

The aim of the new ENC service is to enhance safety at sea among leisure craft mariners by providing an official alternative to paper charts as the primary means of navigation. We expect to make the service available to the open market from the end of 2016, and expect that it will be taken up by a number of qualified distributors.

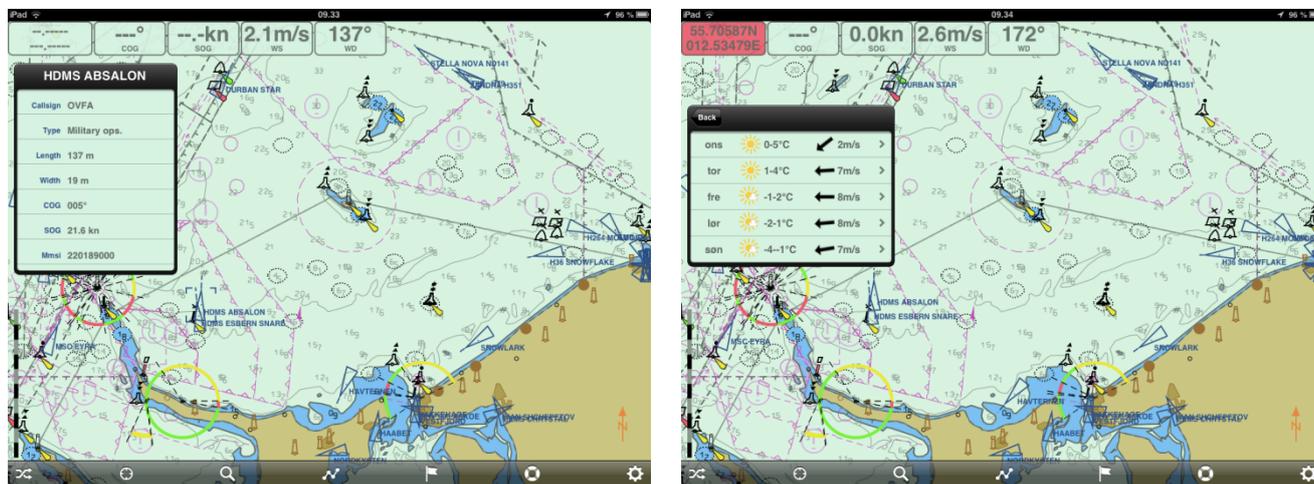
Our decision to launch the new leisure market ENC service draws from our recent experience with a pilot project arranged cooperatively by DGA, the Danish Maritime Authority, the Swedish Maritime Administration and the Swedish private company Seapilot AB. The pilot project tested an ENC service for leisure craft navigation and involved 132 test subjects, all of whom were experienced leisure craft mariners.



The IHO standard: S52 cartography

The project tested the use of updated Danish and Swedish ENC's aboard the participating leisure craft. The ENC's were displayed on a tablet through a software solution developed by the participating Swedish company, and were used as the primary aid for navigation.

Regular updates to the ENC's online were a perfunctory element of the technical system.



New possibilities for the distributors to show AIS data and Weather data

The service and the technical setup proved to be a success in the pilot project.

In the second half of 2015 we have initiated a dialogue with current and potential business partners and invite them to start an application process with the aim of becoming distributors of the new ENC service.

Conclusion

The aim of the new ENC service is to enhance safety at sea among leisure craft mariners by providing an official alternative to paper charts as the primary means of navigation.

The new ENC service should be seen as an official alternative to our official paper charts for the leisure market. Using an ECS system will fulfil the requirement; and, therefore the use of ECDIS is not required for the leisure market.

The new ENC service should be seen as an offer/possibility for the leisure market, not a requirement.

The service will be available to the open market, and we expect that it will be taken up by a number of qualified distributors. To be a qualified distributor you have to fulfil predefined requirements e.g. the establishment of a quality assurance system and be able to pass an audit.