



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

BSH · Neptunallee 5 · 18057 Rostock

To ECDIS manufacturers and
shareholders

Dienstszitz Rostock

Ice Charts in ECDIS

To whom it may concern,

In order to promote the use of ice information on ships, specially on ECDIS within the framework of E-Navigation, the BSH will start the operational production of freely available ice charts of the Baltic in formats suitable for ECDIS in the winter season 2012/2013. Within the international collaboration of the ice services (IICWG, ETSI) we hope that in the course of next year similar products will also be available for other regions of the world.

For the security of marine shipping it would be advantageous, that these charts could be displayed on most ECDIS, and in the near future also your customer could have the need to incorporate the ice charts into their ECDIS. You could help us on this goal in two ways:

- 1) try to incorporate the S-57 test data we are making available in your ECDIS products and tell us about your experiences.
- 2) Work with us and JCOMM Expert team on sea ice (ETSI) in the development of an IHO S-100 compliant ice product specification

The test ice charts are based on IHO S-57 Standard and are available at <ftp://ftp.bsh.de/outgoing/m12/ECDIS/>. The production process allows generating of two kinds of ice data:

1. Additional Military Layers (ESB 2.1) and
2. Ice Marine Information Overlays

Both are vector data based on IHO S-57 Standard, information and test data are found in the respective sub-folders AML, respective IceMIO. As at the moment we can visualize the IceMIO only with Caris software (Caris S-57 Composer or with free viewer Caris Easy View), we included also the needed additional files.

Our own first very rough draft for an IHO S-100 compliant ice product specification can be found in the sub-folder S-100 ICE. We are working steadily on this draft and hope to have a more complete version ready in August, so it can also be discussed on the IHO ECDIS Stakeholders Forum in September as well as at the IICWG Meeting in October.

Datum

Durchwahl
+ 49 (0) 381 4563 - 780

Aktenzeichen
(bitte bei Antwort angeben)

Neptunallee 5
18057 Rostock
Tel.: + 49 (0) 381 4563 – 5
Fax: + 49 (0) 381 4563 – 948
posteingang@bsh.de
www.bsh.de

Bankverbindung:
Bundeskasse Kiel
zugunsten BSH
Deutsche Bundesbank
BLZ 210 000 00
Kto.-Nr. 210 010 30

IBAN:
DE42 2100 0000 0021 0010 30
BIC: MARKDEF1210

For further questions or to inform us about your ideas and needs regarding ice information in ECDIS please contact us:

Alexander Benke: +49 381 4563-655 Alexander.Benke@bsh.de

Dr. Jürgen Holfort: +49 381 4563-782 Juergen.Holfort@bsh.de

Best Regards

Dr. Jürgen Holfort
Head of the German Ice service,
and member of ETSI and IICWG.