

PRIMAR Report 2015

The PRIMAR international co-ordinating centre for electronic navigational charts (ENCs) has been operated by the Norwegian Hydrographic Service (NHS) since 1. April 2002. PRIMAR's vision is as follows:

In order to enhance safety at sea and protect the maritime environment, PRIMAR's vision is to be the most efficient model for the provision of ENC services and maritime geospatial data worldwide

PRIMAR RENC membership status

1st August 2014, The Norwegian Hydrographic Service signed a bilateral agreement with the State Hydrographic Service of Ukraine, making Ukraine a member nation of PRIMAR. In January 2015, a licence agreement was signed with Indonesian hydrographic office DISHIDROS, making ENCs from Indonesia available through PRIMAR. The following 17 countries are currently members of PRIMAR RENC: Brazil, Croatia, Estonia, Finland, France, Georgia, Greece, Iran, Latvia, Lithuania, Mozambique, Montenegro, Norway, Poland, Russia Ukraine and Sweden.

RENC- RENC harmonization

A new joint RENC PAYS specification has been finalized and implemented.

Ongoing PRIMAR updates

A new PRIMAR distribution service is under development and testing. The new service will expand the PRIMAR ENC service with distribution, sales and customer support for bathymetric data on the S-102 format. The S-102 service will protect the data with the new edition of IHO S-63 for access control and authentication, and allow a Hydrographic Office to distribute its S-102 data to governmental and commercial end-users. A test project has been launched involving OEMs, Norwegian pilots and NHS as the data supplier.

The PRIMAR Update Tracker (PUT) has been launched as new PRIMAR service. It visualizes and tracks the changes in an ENC update, and can be an important factor to enhance the end-user's situational awareness. PUT provides web-based viewing of ENC updates, changes explanation in both text and symbol format on the chart, tracking the type of changes made since the last ENC update relevant to the end-user's ENC portfolio.

A new updated PRIMAR Web Chart Service (WMS) was launched in June 2014. The new service offers the same T & C for governmental and commercial distributors, using flexible ordering tools directly from the PRIMAR chart catalogue. The PRIMAR WMS service uses the content of updated ENC data to generate and deliver images of the data

online to the end-user. No vector data is distributed, only images. This allows all parties to work on the same ENC background, enhancing efficiency and safety.

For more information visit www.primar.org