

### **PRIMAR Report 2014**

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**

In November 2013, The Norwegian Hydrographic Service signed a bilateral agreement with the Institute of Hydrometeorology and Seismology Montenegro (IHMS). The first ENC from Montenegro has been released through the PRIMAR ENC service. In addition, a licence agreement has been signed with BMT Global Services, making ENCs from the National Hydrographic Centre of Malaysia available through PRIMAR. The dual RENC member Greece has signalled that from March 2015, it will withdraw from PRIMAR. The following 16 countries are currently members of the PRIMAR RENC: Brazil, Croatia, Estonia, Finland, France, Georgia, Greece, Iran, Latvia, Lithuania, Mozambique, Montenegro, Norway, Poland, Russia and Sweden.

#### **RENC- RENC harmonization**

An attempt to reach a consolidated view between the two RENCs on how to develop "*the most appropriate RENC structure for the IHO to achieve the WEND vision*" (task given by the RHSG) has failed.

There is an ongoing work to harmonize a new PAYS specification between the two RENCs.

#### **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.

The PRIMAR Update Tracker (PUT) will visualize and track the changes in an ENC update, and may be an important factor that benefits the end-user's situational awareness. PUT will provide 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) has been 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](http://www.primar.org)