

## NATIONAL REPORT OF ICELAND

This report gives the summary of the activities that has taken place within the Icelandic Coast Guard - Hydrographic Department since the last report given at the NHC/52 meeting in Norrköping, in May 2008.

### 1. Hydrographic Surveys

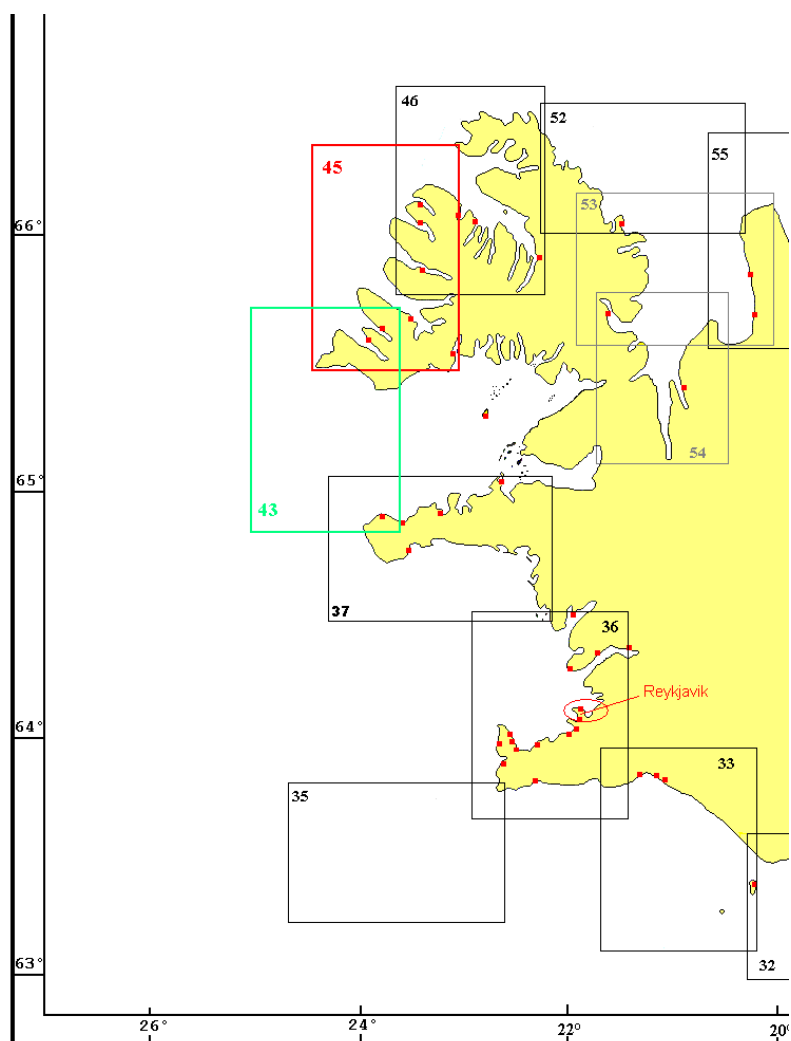


Figure 1 W coast of Iceland

The survey operations started in beginning of May and continued until 15<sup>th</sup> September. The survey was carried out on the NW coast of Iceland for a new chart no. 45. The survey area is inside the red frame on the fig 1. A special survey was made in Finna fjordur on NE-coast. During this timeframe 4,653 nm were surveyed, covering 1,311 km<sup>2</sup>. The survey was carried out with singlebeam, 2,783 nm and multi beam, 1,870 nm. The total mileage during the season logged 6,914 nm.

## 2. Charts

The paper chart portfolio consists of 37 charts and 27 harbor plans size A3. The harbor plans are printed on demand and corrected according to Notices to Mariners (NtM).

In Mars last year Iceland published a new chart INT 1010 (Icel. no. 21) in scale 1:1000 000. This chart replaces two older Icelandic charts no. 25 and 26. As mentioned in last report a new traffic separation scheme and area to be avoided was implemented 1<sup>st</sup> July 2008 off the southwest coast of Iceland.

Following charts were printed as a new edition 2008:

Icel No	Title	Scale
31	Dyrholaey - Snaefellsnes ( INT 1103 )	1:300 000
36	Selvogur – Hjörsey ( INT 1112 )	1:100 000
32	Alviðruhamrar – Vestmannaeyjar	1:100 000
33	Selvogur – Vestmannaeyjar	1:100 000
35	Fuglasker	1:100 000
41	Vestfjords (INT 1104)	1:300 000
72	Digranes – Glettinganes	1:100 000
314	Grindavík	1:10 000
313	Þorlákshöfn	1:10 000
367	Skerjafjörður	1:10 000

### ENC production

In 2008 Iceland published four new ENCs and made seven updates on four ENCs. Iceland does not make ENCs updates on regular bases but it is done when needed.

Today, 22 charts out of 64 have already been published as ENC's that includes 1 General, 6 coastal, 5 Approach and 8 Harbors. Within few days 1 approach and 1 harbor will be added.

ENC cells are produced using CARIS HOM and S-57 Composer. Validation tools used for ENCs are dKart Inspector from Jeppesen and ENC Analyzer made by SevenC's.



Fig 2 Current ENC coverage in Iceland for approach, harbor and for general usage bands as 1st April 2009

### 3. Nautical Publications

In 2008 the Catalogue of Charts, List of lights, Tide Tables 2009, Tide Graphs 2009 and Notices to Mariners was published.

The internet based publications: Notices to Mariners (bilingual), List of lights and Catalogue of Charts (bilingual)

### 4. Other activities

Icelandic Coast Guard – Hydrographic Department has been involved in the work concerning The United Nations Convention on the Law of the Sea (UNCLOS).

In December the government published a new regulation concerning hydrographic survey and charting in Iceland. The regulations are based on SOLAS requirement and IHO standards regarding educational requirement for surveyors and cartographers.

#### Capacity building

ICG-HD has not been active in the area of Capacity Building during 2008.

## **S-55**

Iceland has not updated the Status of hydrographic surveying and nautical charting worldwide (S-55) since 2003 because of rather small changes since then.