

54th NHC Meeting

Reykjavik, 13-14 April, 2010

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 Helsinki, in April 2009.

1. Hydrographic Surveys

Due to cutbacks at the ICG, no hydrographic survey was planned in 2009. The survey vessel Baldur was however kept ready for surveying if needed. In July and August the vessel was used as a patrol vessel for four weeks in collaboration with The Directorate of Fisheries. Later that year Baldur carried out a survey for the Associated Icelandic Ports, in Reykjavik og Akranes.

2. Paper Charts

The paper chart portfolio consists of 37 charts and 27 harbour plans in size A3. All the Icelandic nautical charts have been transferred into WGS-84 datum except two charts in Breiðafjörður. Following charts were published and reprinted in 2009:

New charts 2009

53	Húnaflói	1:100.000	Sept.
411	Tálknafjörður	1:10.000	April
412	Bíldudalur	1:10.000	Feb.
420	Flatey	1:10.000	Nov.

New editions 2009

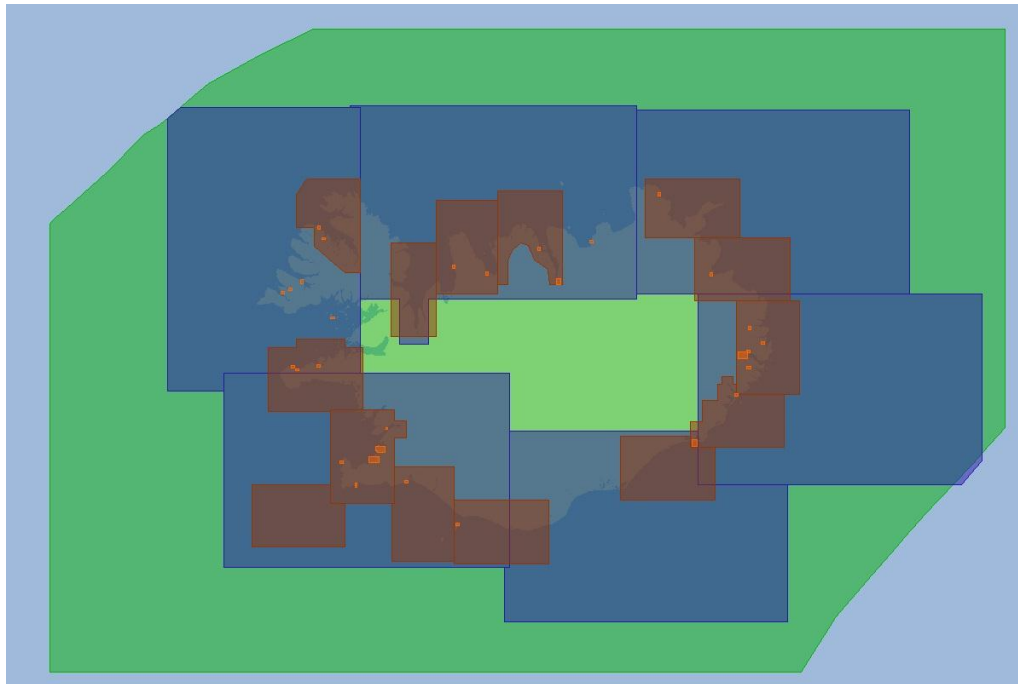
36	Selvogur - Hjörsey	1:100.000	Aug.
61	Rauðinúpur - Glettinganes	1:300.000	Dec.
63	Rífstangi - Digranes	1:100.000	May
310	Vestmannaeyjar	1:10.000	June
362	Reykjavík	1:10.000	May
421	Ríf	1:10.000	May
519	Sauðárkrókur	1:10.000	May
613	Vopnafjörður	1:10.000	Sept.

Reprints 2009

31	Dyrhólaey - Snæfellsnes	1:300000	Nov.
57	Eyjafjörður	1:100.000	Aug.
365	Akranes - Hafnarfjörður	1:40.000	Dec

3. ENC production

Today Iceland has produced 52 cells (09.03.2010). In 2009 19 cells were produced and this year 11 cells have been issued so far. The remaining 12 cells planned, will be finished before end the year.



4. Nautical Publications

The following nautical publications were published: *List of Lights 2010* (Including, buoys, beacons, radio beacons, racons, DGPS) and *Catalogue of Charts 2010*. *Tide Tables 2010* and *Tide Almanac 2010* and *Notices to Mariners* (six issues). *Notices to Mariners* (bilingual), *List of lights* and *Catalogue of Charts* (bilingual) can be obtained on our website.

5. Capacity building

ICG-HD has not been active in this area of Capacity Building during 2009.

6. S-55

Updates of C-55 were sent to IHB in March 2010.

7. Status Report Improved Data Exchange Implementation

In the table below is the data calculation for data exchange for three charts which are or will be published by Iceland in the near future.

Chart	Scale	ICL	DK	GB	NO
Iceland – Greenland No. 10 (INT-112)	1:1.000.000	55%	42%	3%	
Iceland – EEZ, No. 15	1:2.000.000	40%	39%	16%	5%
Iceland No. 21(INT- 1010)	1:3.500.000	90%	10%		

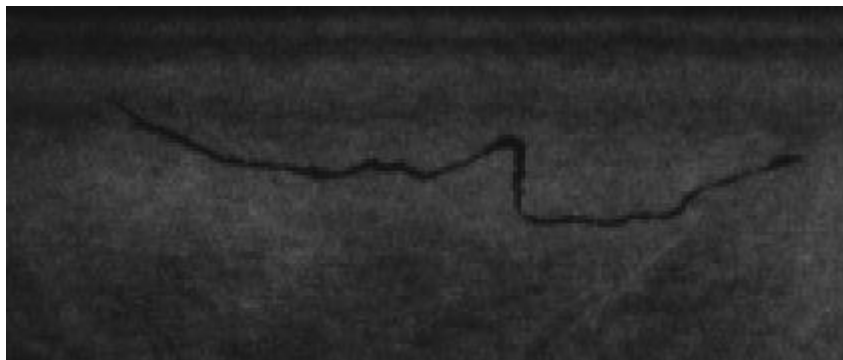
8. Other activities

Icelandic Coast Guard (ICG) found US Coast Guard Cutter Alexander Hamilton



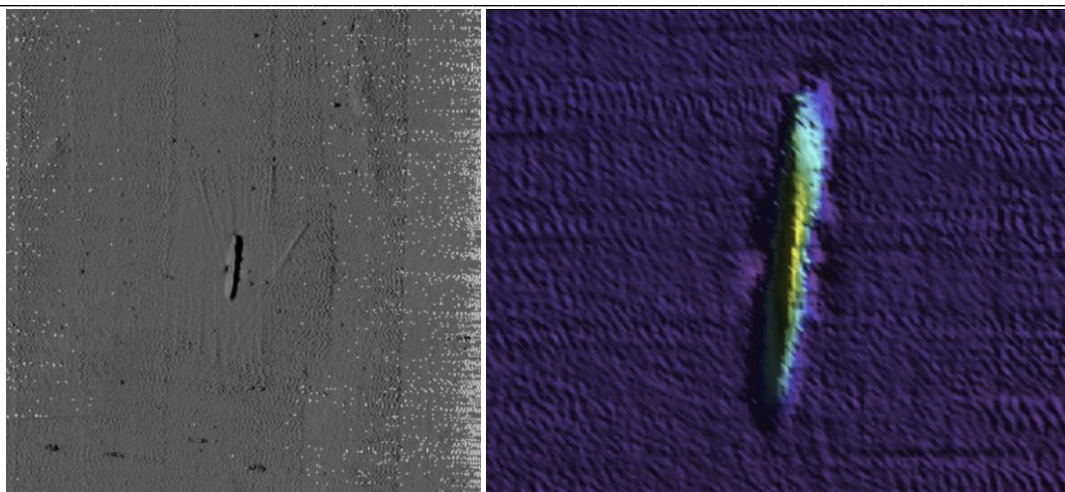
The Icelandic Coast Guard plane SIF

ICG received a new DASH 8 Maritime Surveillance Aircraft in July 2009, Swedish Coast Guard has three aircrafts of this type. This aircraft is equipped with specialized pollution detection equipment and in one of its first patrol it detected traces of oil on the surface invisible to the naked eye. The crew found out that the oil came from something beneath the surface in an area not known to contain any wrecks.



The oil slick as seen on the equipment screen

Soon thereafter our survey vessel Baldur was dispatched to the area where it did a multibeam survey. This survey did reveal an uncharted wreck and later on it was discovered that this was the wreck of US CGC Alexander Hamilton the first US loss in the Atlantic after the Pearl Harbour attacks on December 7th, 1941. The Hamilton was originally presumed to have gone down considerably to the south of the position where she was found.



The wreck of US Coast Guard Cutter Alexander Hamilton surveyed with Reson 8101