LANDHELGISGÆSLA ÍSLANDS

The Icelandic Coast Guard

Landhelgisgæsla Íslands – Sjómælingasvið

Sjómælingar Íslands

Skipurit Landhelgisgæslu Íslands

Landhelgisgæslan ríflega 200 starfsmenn, þar af sjómælingasvið (siglingaöryggissvið) 7

Kortadeild og mælingadeild

Mælingabúnaður

- Staðsetning:
  - Trimble TASMAN og

  Applanix POS/MV Satillite System
- Dýptarmælar:
  - Eingeisla: Odom Mark III
  - Fjölgeisla: Reson 8101

M/S BALDUR. 54 tonn, 20 m. Sjósettur 1991.

- **Hugbúnaður: CARIS**
  - Úrvinnsla mælinga: CARIS HIPS
  - Sjókortagerð
    - CARIS GIS Professional – prentuð sjókort
    - CARIS HOM /S-57 Composer – rafræn sjókort (ENC)

http://www.caris.com
Europe office: Heeswijk, The Netherlands

Útgáfa sjókorta

9 yfirsiglingakort
19 strandsiglingakort
51 aðsiglingakort og hafnakort:

Yfirsiglingakort 1:300.000, 1, 2 og 3,5 millj.

Kort 21

Kort 15

Kort 31

Kort 10

Strandsiglingakort 1:100.000 (70 og 160 þús.)

Aðsiglingakort og hafnakort

… fyrir u.þ.b. 400 árum … ræturnar

Íslandskort Guðbrands biskups Þorlákssonar (Abraham Ortelius 1590)

Upphafið - fyrstu mælingar, kort frá 1788

Reykjavík frá sama tíma

Dýptarmælingar Dana 1890-1908 (handlóð)

Sjómælingar við Ísland 1930-2007

… utan úr geimnum! - því miður ekki dýpi

Ísland snævi þakið 04.02. 2009

...fjölgeislamælingar afhjúpa botninn

... undirstöður starfseminnar

Landhelgisgæsla Íslands – Sjómælingasvið

Í alþjóðlegu samhengi

Alþjóðasamþykkt Safety of Life at sea - SOLAS

- **SOLAS**

Regulation 9 - Hydrographic services

1 Contracting Governments undertake to arrange for the collection and compilation of hydrographic data and the publication, dissemination and keeping up to date of all nautical information necessary for safe navigation.

2 In particular, Contracting Governments undertake to co-operate in carrying out, as far as possible, the following nautical and hydrographic services, in the manner most suitable for the purpose of aiding navigation:

.1 to ensure that hydrographic surveying is carried out, as far as possible, adequate to the requirements of safe navigation;

.2 to prepare and issue nautical charts, sailing directions, lists of lights, tide tables and other nautical publications, where applicable, satisfying the needs of safe navigation;

.3 to promulgate notices to mariners in order that nautical charts and publications are kept, as far as possible, up to date; and

.4 to provide data management arrangements to support these services.

3 Contracting Governments undertake to ensure the greatest possible uniformity in charts and nautical publications and to take into account, whenever possible, relevant international resolutions and recommendations.*

4 Contracting Governments undertake to co-ordinate their activities to the greatest possible degree in order to ensure that hydrographic and nautical information is made available on a world-wide scale as timely, reliably, and unambiguously as possible.

* Refer to the appropriate resolutions and recommendations adopted by the International Hydrographic Organization.

Alþjóða sjómælingasamtökin - IHO

CONVENTION ON THE INTERNATIONAL HYDROGRAPHIC ORGANIZATION

The Governments Parties to this Convention,

CONSIDERING that the International Hydrographic Bureau was established in June 1921 to contribute to making navigation easier and safer throughout the world by improving nautical charts and documents;

DESIRING to pursue on an intergovernmental basis their cooperation in hydrography;

HAVE AGREED as follows:

ARTICLE I

There is hereby established an International Hydrographic Organization, hereinafter referred to as the Organization, the seat of which shall be in Monaco.

ARTICLE II

The Organization shall have a consultative and purely technical nature. It shall be the object of the Organization to bring about:

a) The co-ordination of the activities of national hydrographic offices;
b) The greatest possible uniformity in nautical charts and documents;
c) The adoption of reliable and efficient methods of carrying out and exploiting hydrographic surveys;
d) The development of the sciences in the field of hydrography and the techniques employed in descriptive oceanography.

ARTICLE III

The Members of the Organization are the Governments Parties to this Convention.

„safe navigation“ ...yfir hafið og heim

Önnur verkefni vaxandi

Margvísleg önnur verkefni leyst af hendi s.s.

- **þjónusta við aðrar deildir LHG**
- **fyrir aðra opinbera aðila**
- **og einkaaðila, fyrirtæki og einstaklinga**

Dæmi um önnur verkefni

Starfsmenn sjómælingasviðs vinna Unnið fyrir Orkustofnun – afmörkun svæða miðað við tilteknar forsendur

Dæmi um önnur verkefni

Sigling bátsins Digraness NS-124 16. nóvember 2011

Landhelgisgæslan - sjómælingasvið. ÁÞV 08.12. 2011
Sett út í sjókort nr. 61 Rauðinúpur - Glettinganes 1:300 000 útg. 2009

Vinna vegna Tts (tilkynninga til sjófarenda)

II ÝMSAR TILKYNNINGAR OG AÐVARANIR

18. (T) Grænlandssund. Neðanjávardufl.

Neðansjávarduflum vegna straummælinga hefur verið lagt út í Grænlandssundi. Dýpi niður á duflin er u.þ.b. 100 m. Skip við veiðar eru beðin um að fara ekki nær duflunum en 1 sjómílu. Duflin verða í sjó þar til í september 2012.

Frekari upplýsingar fást hjá Héðni Valdimarssyni (hv@hafro.is), sími: 575 2000 og Steingrími Jónssyni (steing@unak.is), sími: 460 8000

Duflin eru á eftirtöldum stöðum:

Kort INT 112
a) 66°04,61N, 027°04,88V,
b) 67°12,18N, 023°31,86V,
c) 67°16,20N, 023°34,80V,
d) 67°20,40N, 023°37,98V,
e) 67°24,96N, 023°41,52V,
f) 67°29,28N, 023°45,06V,
g) 67°34,80N, 023°53,46V,
h) 67°42,60N, 024°10,20V,
i) 67°52,14N, 024°30,72V,
j) 68°01,38N, 024°50,94V,
k) 68°09,18N, 025°07,56V,
l) 68°12,36N, 025°14,04V,
m) 68°19,02N, 025°30,12V,
n) 67°08,79N, 021°18,68V,
o) 67°00,00N, 021°32,46V,
p) 66°53,77N, 021°24,70V,
q) 67°24,00N, 023°41,22V

Kort 21
a) 66°04,61N, 027°04,88V,
b) 67°12,18N, 023°31,86V,
c) 67°16,20N, 023°34,80V,
d) 67°20,40N, 023°37,98V,
e) 67°24,96N, 023°41,52V,
f) 67°29,28N, 023°45,06V,
g) 67°34,80N, 023°53,46V,
h) 67°42,60N, 024°10,20V
...
n) 67°08,79N, 021°18,68V,
o) 67°00,00N, 021°32,46V,
p) 66°53,77N, 021°24,70V,
q) 67°24,00N, 023°41,22V

Kort 51
n) 67°08,79N, 021°18,68V,
o) 67°00,00N, 021°32,46V,
p) 66°53,77N, 021°24,70V

Hafrannsóknastofnunin

Fiskeldisáform – umsagnir m.a. m.t.t. siglinga

Fiskeldissvæði tilkynnt í sjókort í T.t.s.

I TILKYNNINGAR TIL SJÓFARENDA

16. SV-land. Reykjavík. Ártúnshöfði. Leiðarmerki. Ljós.

Ljós hafa verið sett á staura vestan við innsiglingarennu inn að Ártúnshöfða, sbr. Tts 12/2012. Ljóseinkenni: QG 1,2s. Toppmerki: grænn þríhyrningur.

Til aðgreiningar í Vitaskrá eru stauranir númeraðir 1 - 4, talið frá norðri til suðurs.
Staðsetning staura:

Nr. 1: 64°08,463N, 021°49,960V
Nr. 2: 64°08,329N, 021°49,872V
Nr. 3: 64°08,202N, 021°49,789V
Nr. 4: 64°08,103N, 021°49,724V

Kort 362
Vitaskrá 2012 bls. 13

Faxaflóahafnir

17. V-land. Breiðafjörður. Sjóeldisstöðvar.

A) Dragið línu milli eftirtalinna staða sem afmarka sjóeldisstöðvar í Breiðafirði.

Svæði 1, norðan Kóngsbakkaeyjar
a) 65°01,200'N, 022°53,430'V
b) 65°00,890'N, 022°54,220'V
c) 65°00,730'N, 022°53,830'V
d) 65°00,770'N, 022°52,980'V
e) 65°00,460'N, 022°52,230'V
f) 65°00,850'N, 022°51,920'V
í a)

Svæði 2, austan Purkeyjar
g) 65°00,880'N, 022°49,900'V
h) 65°00,560'N, 022°50,770'V
i) 65°00,430'N, 022°50,450'V
j) 65°00,720'N, 022°49,570'V
í g)

Svæði 3, vestan Melrakkaeyjar
k) 65°04,270'N, 022°49,240'V
l) 65°04,070'N, 022°49,530'V
m) 65°04,030'N,0 22°49,160'V
n) 65°04,210'N, 022°48,960'V
í k)

Sleppa svæði 3 í korti 37.

Svæði 4, sunnan Kiðeyjar
o) 65°02,350'N, 022°50,790'V
p) 65°02,700'N, 022°49,390'V
q) 65°02,620'N, 022°49,270'V
r) 65°02,260'N, 022°50,640'V
í o)

B) Setjið inn tákn fyrir sjóeldisstöð .

Svæði 1): 65°00,861'N, 022°52,985'V
Svæði 2): 65°00,710'N, 022°50,144'V
Svæði 3): 65°04,120'N, 022°49,261'V
Svæði 4): 65°02,407'N, 022°50,342'V

Kort 37, 426.

Sjómælingar Íslands

18. SV-land. Faxaflói. Skerjafjörður. Kópavogur. Hafnarviti.

Setjið inn hafnarvita á stað: 64°06,759'N, 021°056,636'V. Ljóseinkenni Fl R 3s.

Kort 367
Vitaskrá 2012 bls. 12

Siglingastofnun Íslands

Skrá yfir sjókort í útgáfu o.fl. t.d. ENC

http://www.lhg.is/starfsemi/sjomaelingasvid/sjokort/kortaskra/

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