Status of Flagship Project Speed up re-surveys

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HELCOM Ministerial Meeting 3 October 2013

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Status of information in the Re-survey Database

Status by:
25 October 2013

All Categories

We are approaching the BSHC 2009 Vision!

Estimated Time Schedules for completing re-surveys

Re-survey plans for CAT I and II with time schedule estimations requested by Moscow 2010 Declaration.

Country	CAT I	CAT II	CAT III	Remarks
Denmark	2013	2030	Not spec	
Estonia	2018	2028	2032	
Finland	2015	2015	2030	
Germany	2019	2025	N/A	Periodical 5 – 25 years
Latvia	2010	2022	2045	
Lithuania	2016	2010	2036	
Poland	2015	2017	2020	Periodical 5 – 25 years
Russia	2018	2018	2017	
Sweden	2020	2020	Not spec	
Latest year	2020	2030	See Notes	

BSHC has approved the Re-survey Scheme.

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Documents related to 2013 Ministerial Declaration

HELCOM- BSHC Report Ministerial Meeting 2013

Supporting document

HELCOM 2013 Ministerial Declaration

MARITIME 13/2013 document 9/2 and presentation

2013 Ministerial Declaration

- **Adopted** HELCOM-BSHC Harmonised Re-survey Scheme 2013, with time schedule estimations and funding arrangements
- **Commended with appreciation** the subsequent substantial progress made in systematic re-surveying according to the HELCOM-BSHC Re-survey Scheme
- **Further agreed**
  - A) to take actions to ensure the completion of the re-surveys for areas used by navigation (CAT I and II)
  - B) to promote wider use of accurate and reliable depth information (including a freely accessible Baltic Sea Depth Model)
  - C) to foster CAT III re-surveys (areas not primarily for safety of navigation purposes)

Future Actions related to re-surveys

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Future Actions related to re-surveys

BSHC and the Baltic Sea Hydrographic Offices have several actions to ensure the completion of the re-surveys for areas used by navigation (CAT I and II), to promote wider use of accurate and reliable depth information, and to foster CAT III re-surveys. Below are listed some of the actions which are on-going or planned.

- Re-surveys are going-on
- Finalizing the Motorways of the Sea (FAMOS project proposal)
- BSHC Bathymetric Database
- BSHC LIDAR Seminar 2014
- BSHC Harmomisation actions
- Re-survey MWG to continue
- Promote BSHC co-operation (Articles to IHR)
- Reporting to EU Strategy for the Baltic Sea Region (EUSBSR)

FAMOS - Finalizing the Motorways of the Sea

Re-surveys are continuing, mainly with national resources.

The EU TEN-T MonaLisa project 2011-2013 is almost finished and remarkable results have been achieved.

BSHC Members are now invited to participate in a joint application to EU TEN-T for co-financing completing CAT I and II re-surveys by 2020 within the EU TEN-T 2014 - 2020 financial perspective.

Replies from BSHC Members are expected by 30 November 2013. So far included Estonia, Finland, Latvia, Sweden.

Sweden will coordinate this project.

BSHC Web site

The BSHC has established its own web site (http://www.bshc.pro/).

There will be uploaded information on BSHC activities and plans, e.g. links to the Re-survey Scheme and the Bathymetric Database.

This web site could be linked to other web sites.

Baltic Sea Bathymetric Database

Baltic Sea Bathymetry Database has been developed by Sweden.

The database is now operative and can be accessed via the link http://data.bshc.pro.

Data density will be improved when new survey data is available.

Some countries have military restrictions on releasing their high resolution data.

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Evaluation of LIDAR technology

- Feasibility of this technology on shallow water surveys, (mainly CAT III)
- Feasibility especially on Baltic Sea environment
- Tests are on-going on Baltic Sea
- BSHC agreed to arrange a LIDAR Seminar May 2014 in Germany
- May also be part in the DG MARE initiative

Promoting BSHC Hydrographic Co-operation - Baltic Sea Issue of International Hydrographic Review (IHR)

- IHR is a digital publication of the IHB, two editions annually including both peer-reviewed Articles and short Notes.
- BSHC 18th Conference endorsed to forward articles to IHR to a Special Baltic Sea Edition in autumn 2014.
- This is excellent possibility forward information on the successful cooperation within all nine Baltic Sea Hydrographic Offices. The timing fits well to the forthcoming IHO Extraordinary Conference in October 2014.
- Proposed topics: **Re-survey Scheme, MonaLisa project, Laser bathymetry, experiences of contracting out survey work, Baltic Sea Depth Model, wider use of hydrographic data, harmonisation actions, …**
- **HELCOM is invited to participate as an Observer to IHO 5EIHC**

Summary

- Re-surveys are a long term activity
- Re-surveys are going on by all Baltic Sea countries
- Substantial progress have been made by national budgets and TEN-T co-financing
- Clear plans to re-survey all areas used for navigation (CAT I and II) by 2020
- Increasing needs to re-survey areas not primarily used for navigation (CAT III)
- New implementation projects planned to speed up re-surveys, e.g. FAMOS
- High level political support (Ministerial Declarations)
- BSHC co-operation well recognised and appreciated worldwide

Thank you!

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