

Proposed EU TEN-T project *'MonaLisa'*

[31 August 2010]



1. Introduction

The overall aim of this project is enhance safety of navigation on the Baltic Sea and to support e-Navigation, Marine Spatial Infrastructure and Coastal Zone management actions by speeding up re-surveys and harmonising data processing and presentation guidelines, methods and procedures. Some sub-activities are closely related to already existing BSHC MWG and BSHC/BDWG Working Groups and are intended to support and foster their activities.

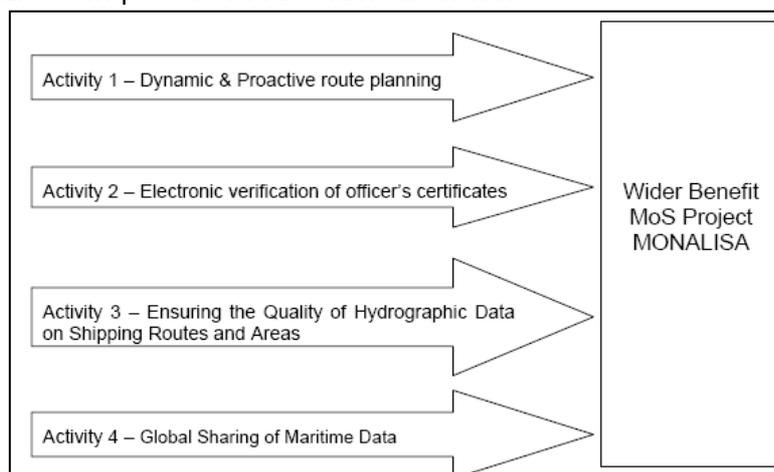
First ideas of the project were presented in a meeting with Finland and Sweden in Norrköping in February 2010. First draft proposal was presented at the MWG meeting on 25 March 2010. The draft was distributed to MWG members within the MWG Letter 6/2010 on 15 April 2010 and asking for comments, proposals and indication of possible participation.

The EU TEN-T opened a call for applications in 19 May 2010 with a closing data of 31 August 2010. The call indicated that there is substantial amount of funding available under the Motorways of the Baltic Sea concept.

Denmark proposed that the project proposal should be discussed first at the BSHC/15 and then forward to EU. However this causes problems with the EU time schedules.

2. Status of the project proposal

The project application has been delivered to EU TEN-T on 31 August 2010. The project proposal is composed of four main Activities:



The **Activity 3 Ensuring the Quality of Hydrographic Data on Shipping Routes and Areas** includes three subactivities:

Subactivity 3.1 Speed up re-surveys

- The proposed areas to be re-surveyed are about 32 000 km², see Fig.1.
- During years 2011 - 2013
- EU tendering process will be used, as proven functional in previous MoS study.
- Main Partners: Finland and Sweden
- Funding estimation 16 Mill.€, 50% funding by TEN-T

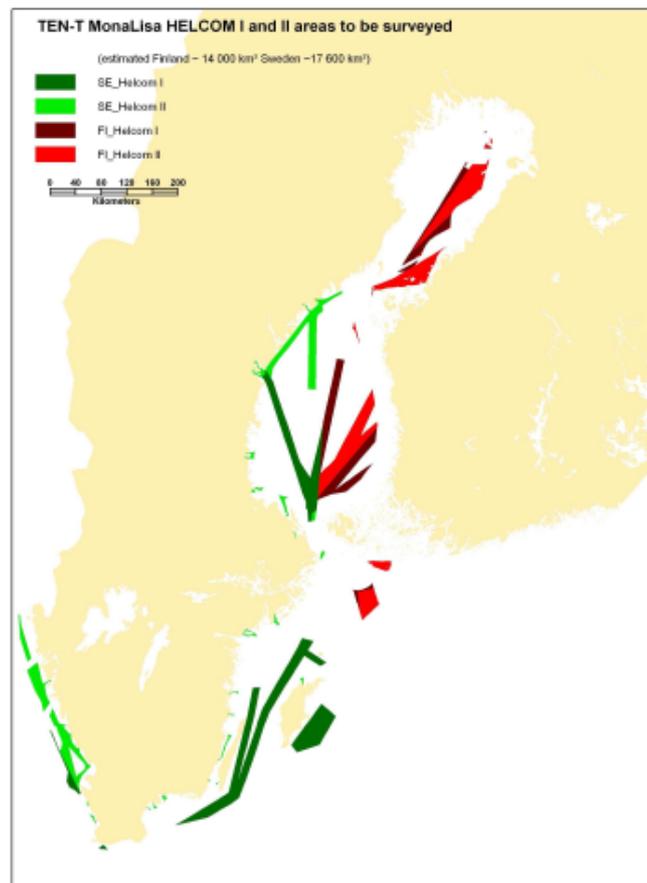


Fig.1 Areas planned to be re-surveyed during the proposed 'MonaLisa' project.

Subactivity 3.2: Baltic Sea harmonised depth model (for Geospatial information)

The Baltic Sea Hydrographic Commission has recognized the need to for a common database or datasets of bathymetric data for the Baltic Sea Area and established a BSHC Depth Database Working Group to study this issue and to propose further actions.

- Main partners: Finland, Sweden
- Observers: Estonia, Germany and Poland
- Funding estimation 2.5 Mill.€, 50% funding by TEN-T
- plan is to test a data base for the model in small scale

Subactivity 3.3: *Pilot project on implementation of harmonised vertical reference on Baltic Sea*

The BSHC has established the Chart Datum Working Group to study and identify the difference between Baltic Sea States vertical reference surface and to propose actions to harmonise the Baltic Sea vertical datums.

In this proposed project there will be a small scale pilot to study the implications and effects to the products and services on implementing a new harmonized vertical reference.

- Main Partners: Finland, Sweden
- Funding estimation 0.2 Mill.€, 50% funding by TEN-T
- plan is to test the implementation effects in small scale

Sweden is the main leader of the MonaLisa project. Finland is leading the Activity 3 dealing with hydrographic issues. Finland is also leading the Subactivities 3.1 and 3.3. Sweden is leading the Subactivity 3.2.

It is expected that that the EU TEN-T decision of the project will be given early 2011. It may be helpful for TEN-T to approve the project proposal, if the BSHC 15th Conference approves a supporting Resolution for this proposal. A Draft Resolution is in Annex 1.

It is also important that the BSHC members will take appropriate national measures that support the goals and timely completion of the proposed project.

3. Actions for the BSHC 15th Conference:

The BSHC 15th Conference is requested to

- take note on this Report
- approve the supporting Resolution
- ask the BSHC members to take appropriate national measures that support the goals and timely completion of the project.
- give further guidance to the project, as seen appropriately

Annex: Draft BSHC Resolution to support the *MonaLisa* proposal

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DRAFT BSHC RESOLUTION TO SUPPORT THE EU TEN-T “MONALISA” PROPOSAL

The Baltic Sea Hydrographic Commission of the International Hydrographic Organisation has on its 15th Conference on 21 - 23 September 2010 studied the proposed EU TEN-T “*MonaLisa*” project and

bearing in mind that

- the BSHC 14th Conference in September 2009 approved the Re-survey Scheme V.2 Vision: The whole Baltic Sea area should be covered by a harmonised re-survey scheme.
- the HELCOM Moscow 2010 Ministerial Declaration agreed to extend the scope of the HELCOM Copenhagen 2001 Declaration to cover all routes and other areas used for navigation according to the revised Baltic re-survey scheme to be developed based on the 2009 Baltic Sea Hydrographic Commission Vision for the re-survey, to present their national re-survey plans preferably by 2013, but not later than 2015, including time schedule estimations; and to undertake necessary measures to ensure that sufficient funding, including external funding, will be available for re-surveys.
- the Action Plan of the EU Strategy for the Baltic Sea Region includes as one flagship project: “*Speed up re-surveying for major shipping and ports*”, as agreed in HELCOM, in order to ensure that safety of navigation is not endangered by inadequate source information.”

also noting that

- this proposed project is in line with the decisions of the Baltic Sea Hydrographic Commission and will support the implementation of the EU Baltic Sea Strategy as well as the HELCOM Moscow Ministerial 2010 Declaration.
- the BSHC believe that the project has reasonable goals, it is well organised, it will become to a successful completion and achieve its goals.
- even if at this stage not all BSHC Members are able to participate to the proposed *MonaLisa* project, the outcomes of the project may be benefits to all BSHC members.
- the BSHC welcomes and strongly supports all activities to enhance safety of navigation on the Baltic Sea

agree the following supporting Resolution

Baltic Sea Hydrographic Commission of the International Hydrographic Organisation fully supports the proposed EU TEN-T “MonaLisa” project and welcomes its outcomes to be further used to enhance safety of navigation on the Baltic Sea.