



## The MonaLisa Project

The European Commission and the TEN-T programme is (will be) funding a substantial project of interest to the Nordic Hydrographic Commission members. The most hydrographically interesting parts will have a Baltic Sea focus and working groups are formed within the Baltic Sea Hydrographic Commission. This paper provides initial information to the NHC and it might be of interest to follow up on project results in NHC meetings to come. There are four quite independent subprojects.

- Dynamic and Proactive Route Planning.  
Keywords are: e-navigation, pre-planned routes, green and energy efficient routeing.
- Verification System for Officers Certificates.  
Keywords are: monitoring certificates and time-on-watch, maritime ID-cards, authorisation through databases ashore.
- Ensuring the Quality of Hydrographic Data on Shipping Routes and Areas.  
This subproject is expanded somewhat below.
- Global Sharing of Maritime Information.  
Keywords are: Experience from Helcom AIS, expand on SafeSeaNet and Stires (EMSA), standards and infrastructure.

### Ensuring the Quality of Hydrographic Data...

This subproject will have three parts all of which we think are of interest to NHC members.

1. Speed up re-surveys. Substantial hydrographic surveys will be undertaken to move the Helcom programme forward. Finland and Sweden.
2. Baltic Sea harmonised depth model. A project also partly funded directly by the Swedish government. May be described as an initial common Baltic Sea implementation of the Inspire theme (annex II) Elevation. Sweden and BSHC.
3. Baltic Sea harmonised vertical reference system. Develop common standard. Finland and BSHC.

A presentation giving some more detail will be prepared and may be given at the meeting in Stavanger.