

e-Navigation – BSHC harmonisation needed?

[9 May 2014]

1. Introduction

Within a few years from now should HOs start producing electronic charts based on IHO S-101 product Specification. Parallel to these S-101 based ENC's may HOs establish production lines for new S-100 based derived hydrographic products e.g. Bathymetric Surface. In order to disseminate these new products and updates new services must be built or existing services must be expanded.

Within the e-Navigation framework IMO has specified the following Maritime Service Portfolios:

IMO Maritime Service Portfolios (MSP)	
No	Identified Services
MSP1	VTS Information Service (IS)
MSP2	Navigational Assistance Service (NAS)
MSP3	Traffic Organisation Service (TOS)
MSP4	Local port Service (LPS)
MSP5	Maritime Safety Information Service (MSI)
MSP6	Pilotage service
MSP7	Tug Service
MSP8	Vessel Shore Reporting
MSP9	Telemedical Assistance Service (TMAS)
MSP10	Maritime Assistance Service (MAS)
MSP11	Nautical Chart Service
MSP 12	Nautical Publications service
MSP 13	Ice navigation Service
MSP14	Meteorological information service
MSP15	Real time Hydrographic and environmental information service
MSP16	Search and Rescue Service

Typically HOs are responsible for the service portfolios 5, 11 and 12.

In Finnish HO we have recognized a need for write a 5 years plan where development of chart production system and new services will be placed into timeline. Production of new S-101 based ENC's and other navigational products will be planned and scheduled as well.

2. Needs for BSHC Harmonisation

Similar plans are likely also within other BSHC Members. It may be useful to share experiences and harmonise some of the actions. Examples of levels of harmonisation in the Baltic Sea Region are:

- Harmonisation of new navigational products e.g. S-100/S-101 based ENC's, MSI, Bathymetric Surface
- Harmonisation of hydrographic services
- Share of production plans for S-100 based hydrographic products
- Harmonisation of production plans for S-100 based hydrographic products
- etc.

3. Actions for the BSHC 19th Conference:

The BSHC 19th Conference is requested to

- take note on this information
 - discuss if any BSHC harmonisation actions are needed
 - agree on future actions, as seen appropriately
-