



The Nordic Survey Expert Group (NSEG)

Terms of Reference and Rules of Procedure, amended at NHC 676 (2024)

References:

- S-44. IHO Standards for Hydrographic Surveys (February 2008 September 2022)
- C-13. Manual on Hydrography (May 2005 with corrections to February 2011)
- S-5A. Standards of Competence for Category "A" Hydrographic Surveyors (Edition 1.0.2, June 2018)
- S-5B. Standards of Competence for Category "B" Hydrographic Surveyors (Edition 1.0.1, June 2017)
- Guidelines for the Implementation of the Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (Edition 2.1.0, May 2019 Edition 2.1.4, August 2023)
- B-12. Crowdsourced Bathymetry B-12 (Edition 3.0.0 October 2022)
- B-13. Guidance to Satellite-Derived Bathymetry (Draft Edition 1.0.0 April 2023)

The NHC at its 63th Conference recognized the need to formalize the work in the Nordic Survey Expert Group in order to identify and coordinating the area of survey e.g. new methods of surveying, where problems can be foreseen and how the Nordic member states see the future development of Surveying in the region.

TERMS OF REFERENCE

The Working Group should:

- Discuss matters that take place before chart production. These may be divided into three categories:
 - hydrographic survey data acquisition;
 - hydrographic survey data processing and quality assessment;
 - hydrographic survey data management;
- Present and discuss relevant topics with relevance to surveying e.g.:
 - Exchange experiences, best practice and challenges of systems, technologies and methodologies
 - IHO survey standards and guidelines, as well as national standard realizations
 - Data quality issues
 - The needs from hydrographic survey data users
 - Experiences on contracted hydrographic surveys
 - To monitor and discuss development and experiences of the MBES (Multibeam Echosounders) survey systems and techniques;
- ~~Monitor the development of Survey techniques that could be relevant for the NHC MS~~
- Focus on how NHC in the future can benefit from a regional approach.
- To present a report to the NHC meeting after the NSEG meeting. This report should include a description on the current status, if deemed necessary recommendations on topics that NHC MS should focus on

Rules of procedures:

- The NSEG shall elect its Chair among its members. The chair role may circulate after three years.
- The chair organizes all VTC meetings. Physical meetings may circulate between member states, decided by the NSEG members. The Chair will report to the NHC.
- The NSEG is an open discussion forum on sharing knowledge, experiences and information.
- All NHC Members are encouraged to participate to the NSEG meetings and to contribute to the work of the NSEG
- The NSEG should have a meeting at least every second year.
- The work of the NSEG will be carried out by correspondence (via e- mails), VTC sessions and physical meetings if seen as necessary.
- NSEG should work as far as possible in accordance with existing guidelines and recommendations issued by the IHO and other relevant bodies.
- NSEG should consult Task Groups, Committees and Working Groups or other relevant bodies, as deemed necessary.