Minutes of the 11th meeting of the Baltic Sea International Chart Coordinating Working Group (BSICCWG)

21-22 May 2025

Klaipėda, Lithuania

Participants:

Denmark	Mr Kell Torp Jensen
	Mr Flemming Nørgaard Bech
Estonia	Ms Gabriela Kotsulim
	Ms Merili Lindpere
Finland	Mr Jarmo Mäkinen (chair)
	Mr Jukka Helminen (secretary)
Germany	Ms Sylvia Spohn
Latvia	Ms Linda Purina
	Ms Līva Goba
Lithuania	Mr Mindaugas Zakarauskas
	Mr Emilis Tertelis
	Ms Asta Lučkienė
Poland	Mr Piotr Kozlowski
	Mr Marek Mikłaszewski
Sweden	Ms Elisabeth Farrington

A. Opening Formalities

A.1 Opening remarks

The Chair opened the meeting at 9:00.

A.2 Welcome and Practical Arrangements

Docs: BSICCWG11_A.2 Program-see agenda (A.4)

The Chair welcomed everyone to the meeting. He thanked the host for organizing the meeting and was happy that the meeting was finally in Lithuania and Klaipėda. Mr Mindaugas Zakarauskas from Lithuania explained the practical arrangements.

A.3 Introduction of the participants

Docs:
BSICCWG11_A.3_List of BSICCWG Members
BSICCWG11_A.3.1_List of participants

The Participants introduced themselves.

The membership list was reviewed. Kell Torp Jensen will serve as the Danish representative, while the second Danish representative will vary depending on the meeting agenda.

The Estonian members will be Nele Kaurla, Merili Lindpere, and Gabriela Kotsulim.

The Latvian members will be Linda Purina and Līva Goba.

Karol Grzelak and Marek Mikłaszewski will be permanent members from Poland.

No other changes to the list of members.

A.4 Adoption of the Agenda

Docs: *BSICCWG11_A.4_Draft Agenda*

The meeting agenda was reviewed. The primary focus will be on S-100 product issues (especially S-101 and S-102), with other important topics also on the agenda.

Agenda was adopted.

A.5 Minutes and actions from BSICCWG10

Docs:
BSICCWG11_A.5_ BSICCWG10 minutes and actions
BSICCWG10_Minutes.pdf
BSICCWG10_List-of-Actions.pdf

The last BSICCWG meeting was in Stockholm in May 2024. Minutes from that meeting have already been previously approved.

List of actions from the last meeting was reviewed.

Action 1. Done. Every member will update the port information in the future, if needed. https://msi.nga.mil/Publications/WPI

Action 2. Poland had not yet responded to the questionnaire but will do so when a new questionnaire is sent to all after this meeting. Discussed under item C.3.1.

Action 3. The questionnaire was not sent because the timeline was too short. These issues will now be addressed in the current meeting.

Action 4. The topic will be addressed during the meeting.

Action 5. The topic will be addressed during the meeting.

Action 6. Done.

Action 7. Latvia still has multiple copies of their charts in the INToGIS system. Discussed under item D.1.5.

Action 8. Poland still has problems with disappearing Polish letters in exported PDF files from the INToGIS system. Discussed under item D.1.7.

Action 9. Done. There are no locked charts this year.

Action 10. Done.

Action 11. Done.

Action 12. Done.

Action 13. Done. The Chair was proud that the new overview cells were released almost as planned.

Action 14. Done.

Action 15. Done. Sweden to examine whether an amendment to S-4 is needed.

A.6 Minutes and actions from BSHC29

A.6.1 BSHC29 actions for BSICCWG

Docs:
BSICCWG11_A.6.1_ BSHC29 actions
BSHC29_List_of_Actions.pdf

BSHS29 actions related to BSICCWG were reviewed. S-101 and S-102 Harmonisation recommendations, as well as the selection of the next Chair and Vice-Chair, are also on the agenda for this meeting. The rocky areas issue was a late addition to this meeting's agenda

A.6.2 BSICCWG report to BSHC29

Docs:
BSICCWG11_A.6.2_BSICCWG report to BSHC29
BSHC29_D.6_BSICCWG_Report_FI.pdf

BSICCWG11_A.6.2.1_BSICCWG report to BSHC29_presentation
BSHC29_D6_BSICCWG Report_presentation.pdf

The BSICCWG report for the BSHC29 meeting (September 2024) was reviewed

A.6.3 BSHC WEND representative report to BSHC29

Docs:
BSICCWG11_A.6.3_BSHC WEND representative report to BSHC29
BSHC29_D5_WENDWG Report_FI.pdf

BSICCWG11_A.6.3.1_WENDWG report to BSHC29_presentation
BSHC29_D5_WENDWG Report_presentation.pdf

The Chair presented BSHC WENDWG representatives report to BSHC29.
The BSHC29 meeting decided that the Chair of the BSICCWG shall continue to serve as the BSHC representative in the WENDWG

The S-100 readiness status was reviewed. The Baltic Sea area is well prepared for S-100 compared to many other regional commissions

B. S-100 coordination in the Baltic Sea area

B.1 WENDWG15

Docs:
BSICCWG11_B.1_BSHC report to WENDWG15
WENDWG15_051ab_BSHC_Report.pdf

The Chair presented the BSHC report to the WENDWG15 meeting (Australia, 02/2025). The report included, among other things, a status update on the Baltic Sea region's readiness to produce S-101 and S-102 products starting in 2026, as well as general-level plans for the production of other S-100 products.
Overall, the Baltic Sea region is progressing fairly well according to schedule, and national coordination efforts have also been initiated. The presentation also included a status report on the harmonisation of S-101, S-102, S-104, and S-111 products, as well as a draft of the S-101 harmonisation recommendations.

B.2 BSICCWG's role in S-100 coordination.

The Chair presented the issue. The main focus of BSICCWG is to coordinate S-101 and S-102 issues, as well as S-57 and paper charts.

The other S-100 products may not be in the main focus of BSICCWG, but the group could still have an overarching S-100 coordination role. This would mean gathering plans from member states and report to WEND.

Stakeholders want to know when there will be sufficient coverage of S-101 products. Otherwise, manufacturers are not eager to invest in development if there is no clear coverage plan. On its own, S-101 is not particularly attractive, as it doesn't offer significant improvements over S-57. That's why it's important for the IMO to be aware of the development plans for other S-100 products as well.

B.3 S-101/S-102 Production plans

The Chair presented the issue and emphasized that this would be the most important part of the meeting.

B.3.1 Denmark

Docs: BSICCWG11_B.3.1+B.4.1 - DK - S-100 implementation.pdf

Gridding in Denmark has been successfully completed.

Denmark has decided to build a new chart production system that can adapt to the new S-100 specifications. The system will be built on ArcGIS Pro. Denmark aims to develop a flexible system capable of producing and storing all types of S-100 products, not just S-101. The system is currently called S-100 Horizon.

The goal is to have a functioning production system this year. After that, more testing can be carried out, and the official products could be released by the end of 2026. The extent of S-101 coverage at the end of 2026 is not clear yet. Hopefully, once the system is ready and conversions are complete, products can be produced on a fast schedule. With S-102 operational data is planned to be available in Q4 2026.

Currently, the entire Danish organization is fully committed to this project.

B.3.2 Estonia

Docs: BSICCWG11_B.3.2_S.101 S-102 Production plans_EE

In addition to the transition to S-101, the update of BCDC2000 is ongoing. With BSCD2000, the work on berthing and harbour areas is complete, and the focus is now on approach data. S-101 products will only be produced within BSCD2000, so the BCDC schedule directly affects the timeline for S-101.

For S-101, all scales within a given area will be produced simultaneously. Estonia will start S-101 production from areas with larger ports and fairways.

Dual-fuel production will be challenging, as there will be no S-101 database at least in the beginning. Estonia will continue creating S-57 datasets and convert them to S-101 afterwards.

Regarding S-102, there are 38 areas ready, covering high-quality data in major ports and fairways. Production is expected to be completed in 2025. Estonia will be ready to publish as soon as the PRIMAR system is operational.

B.3.3 Finland

Docs: BSICCWG11_B.3.3_S-101 production plans_FI.pdf
Docs: BSICCWG11_B.3.3+B.4.3_S-102 plans in Finland.pdf

Finland is planning to perform a full database conversion from S-57+ to S-101+ later this year and then start producing S-101 and S-57 ENCs, as well as paper charts, all from the same database. The timetable might change, as there are many issues Caris needs to resolve before the database conversions and reverse mappings function properly.

Finland is ready to release S-102 datasets.

B.3.4 Germany

Docs: BSICCWG11 B.3.4_S-101_DE.pdf

S-102 and S-101 production will start next year. Germany has given priority in the North Sea area and will start there since it is a more dynamic area. However, the Baltic Sea area will also be produced in 2026. The conversion of the full database to the S-101+ standard is planned.

Germany has changed the grid size for S-102 due to security concerns and is currently testing which production management system to adopt. Germany is also preparing databases for S-122 and S-125 data.

B.3.5 Latvia

Docs: BSICCWG11_B.3.5_S100_production_LV_2025.pdf

Latvia has acquired new software and licenses. This year, the plan is to populate the S-101 database by converting existing data. After that, Latvia will evaluate how to proceed. The first S-101 datasets are expected to be released at the beginning of 2026.

Latvia will maintain two databases, S-57 and S-101, for 1 to 3 years due to paper chart production requirements. Currently, there are no resources available for reverse mapping

Latvia has produced S-102 data in testing areas related to the Baltic Sea e-Nav project.

B.3.6 Lithuania

Docs: BSICCWG11_S-101_LT.pdf

Lithuania will start by converting product by product and should be able to produce S-101 this year.

A new database for dual-fuel production will be hosted in the cloud; however, there is no exact date for its readiness. Lithuania has tested some conversions, and during the backward conversions, issues were found with certain features that exist in S-57 but not in S-101.

B.3.7 Poland

Docs: BSICCWG11_B.3.7_101_102_Production_Plan_PL.pdf

Situation has not changed dramatically since the last meeting. The implementation process is challenging. Poland plans to implement new products in phases to avoid interrupting current production.

In the first step, the production of S-57 ENC and paper charts from S-57 will remain unaffected. New S-101 products will be created using customized XML files for conversions. At the same time, work will continue on developing their S-101 database.

Poland expects to produce S-101 products in 2025, but production from the new database will begin in 2027. Once an S-100 database is available, a conversion tool will be used to create S-57 products.

A database for S-102 products exists. Some S-102 products have already been created using the S-100 module, but there has been no feedback on how well it performs. Poland can produce S-102 data, but currently have no way to verify if it meets PRIMAR's requirements.

B.3.8 Sweden

Docs: BSICCWG11_B.3.8+B.4.8_S-101+S-102_Plans_SE.pdf

Sweden plans to migrate whole database to S-101 this year. At the end of summer. The initial plan was to complete this before summer, but it has been delayed due to issues with validation checks. Sweden is testing the production processes. The production process is quite similar to S-57 and not difficult for users.

Sweden is working on dynamic cartography and trying to automate the process. Currently, there is still a lot of manual work involved, for example with light sectors

S-102 Production is planned to start by the end of 2026. Plan is to do them in main harbours and fairways. After BS e-Nav meeting in Rauma, Sweden is considering a 4m and 8m resolution as opposed to the initial plan of a 2m and 10m resolution

B.4 S-101,S-102 scheming plans

(road map for S-101, S-102 coverage 2025-2027)

B.4.1 Denmark

Docs: BSICCWG11_B.3.1+B.4.1 - DK - S-100 implementation.pdf

No priorities have been set yet. Major harbours and fairways will likely be addressed first. The timetable has not yet been determined.

B.4.2 Estonia

Docs: BSICCWG11_B.4.2_S-101+S-102 Scheming_EE.pd

Estonia will use the same scheme for S-101 as is currently applied to S-57. S-101 datasets will be released in phases. The first phase, in 2026, will include areas in the Gulf of Finland. The second phase will cover areas on the western coast and is scheduled for release between 2026 and 2027. The third phase will cover the southwest coast and is planned for release between 2027 and 2028.

S-102 datasets will be created only where necessary, such as in ports and fairways. Estonia has the readiness to release S-102 datasets.

B.4.3 Finland

Docs: BSICCWG11_B.4.3_S-101 scheming plans_FI.pdf

Finland aims to start S-101 production later this year, with the first S-101 ENCs expected to be released at the beginning of 2026. S-101 ENCs will only be released for areas where the BSCD2000 project has been completed. First S-101

ENCs will be released from Archipelago Sea and northwards. Gulf of Finland will be released later in 2026. Full S-101 coverage of all sea areas is planned for 2026.

In the Saimaa region, S-101 coverage is expected to be ready sometime between 2026 and 2027. Finnish S-101 ENC scheme will not follow a regular grid and will not be identical to S-57 ENC scheme.

Finland is ready to release S-102 datasets, with full coverage in the desired areas expected during 2026. This includes all commercial shipping routes within the BSCD2000 area where suitable hydrographic survey data is available.

B.4.4 Germany

Docs: see B.3.4

Germany will use the same regular grid currently employed for S-57. Full S-101 coverage is targeted for 2026, with the North Sea as the first priority. Germany is ready to release S-102 datasets.

B.4.5 Latvia

Docs: BSICCWG11_B.4.5_S100_scheming_LV.pdf

S-101 production will start in 2026, with full coverage planned by 2027. The first S-101 products will be harbour charts. S-102 datasets will be released for ports and fairways, with full coverage of the desired areas expected by 2026.

B.4.6 Lithuania

Docs:: see B.3.6

S-101 cells will correspond to the coverage of S-57 cells and will be exported from the same dual-fuel database.

Lithuania will test S-101 production this year. By the end of 2026, official data production is expected to begin, with all cells released simultaneously.

B.4.7 Poland

Docs: BSICCWG11_B.4.7_101_102_Scheming_Plan.pdf

No exact rollout schedule has been set. Everything depends on how the existing problems are resolved. Poland aims to start S-101 production next year and expects to provide a more detailed schedule at that time. The initial S-101 production will follow the same scheme currently used for S-57. First priority areas for S-101 datasets will be the main harbours in areas of Gulf of Gdańsk ja Pomorska Bay. The second priority will be the central coast, and the final phase will cover the entire Polish EEZ.

With S-102, the focus will be on the main ports Świnoujście - Szczecin and Gdynia & Gdańsk.

B.4.8 Sweden

Docs: see B.3.8

The BSCD2000 project will influence the release order of S-101. Sweden aims to achieve full S-101 coverage by the end of 2026.

Current S-102 scheming reflects BS e-Nav project goals. The aim is to start S-102 production at the end of 2026.

C. Baltic Sea S-101, S-102 harmonisation

C.1 Baltic Sea S-101 ENC

Baltic Sea eNav-status report;

The chair presented the report.

C.1.1 S-101 Work Package

C.1.2 S-101 harmonisation- draft recommendations for BSICCWG endorsement

Docs:
BSICCWG11_C.1_BSHC S-101 ENC harmonisation recommendations_draft
Harmonisation_of_Baltic_Sea_ENCs_DRAFT.pdf

Sweden presented the issue. The project is currently in the endorsement stage. Progress has been efficient since the last BSICCWG meeting last year, and everyone's participation has been appreciated

These harmonisation recommendations are a living document, subject to future evaluation and updates. Recommendations were made to have some kind of guidelines before everyone start the production of S-101 ENCs in the Baltic Sea region. Many of the recommendations are based on older S-57 guidelines and may be streamlined as the transition away from S-57 progresses.

A discussion on the recommendations followed. It was noted that the meaning of the different colours in the SCAMIN table could be clarified. Sweden will update the document accordingly.

The document was created under the Baltic Sea eNav project but it will now be the responsibility of BSICCWG to monitor, maintain and update the document in the future. BSHC has tasked BSICCWG with implementing these recommendations.

The document was endorsed and will be submitted to BSHC for approval.

C.2 Baltic Sea S-102 harmonisation

Baltic Sea eNav-status report;
S-102 Work Package
S-102 Harmonisation- draft recommendations for BSICCWG endorsement

Docs:
*BSICCWG11_C.2 Regional product harmonisation guidelines for S-102_*

The Chair presented the issue. The work on S-102 was led by Germany. However, after discussions, it was decided that Finland will take the lead on the S-102 harmonisation recommendations document to assess whether there is anything that needs to be harmonized. Finland has led the harmonisation recommendation project under the Baltic Sea eNav project.

The recommendations were reviewed. Denmark and Germany had already provided feedback, which has been taken into account.

Recommendation 1
OK
Recommendation 2
Currently planned grid sizes:

Germany will use 10mx10m resolution
Lithuania 4mx4m and 8mX8m
Latvia 2mx2m and possibly 4m + 4m
Poland has not decided, possibly 4mx4m
Denmark has not decided
Estonia 2mx2m and 4m x 4m
Finland 4m x 4m
Sweden 4m x 4m and 8m x 8m (or 2m x 2m and 10m x 10m)

Recommendation 3
OK

Recommendation 4
Recommendation still under discussion. Hopefully ready before BSHC meeting. The recommendation will remain as it is for now and can be updated later based on practical experience with product updates.

Recommendation 5
A brief discussion regarding possible gaps and overlaps in the data at the borders. Which data cell would ECDIS choose if there is an overlap?

Recommendation 6
A brief discussion regarding what to do when the data changes. And how to react with slower updating S-101 ENCs.

Recommendation 7
OK

Recommendation 8
A brief discussion regarding how the mariner will know which data is more recent.

Recommendation 9
This recommendation sparked a discussion, with some participants suggesting that it could be defined more clearly.

Germany pointed out that there could be shallow waters that cannot be surveyed properly and therefore there could be holes. Lithuania pointed out that the Hydrographic office should know their data and whether there can be holes. In

fairway areas they are a problem. Increasing the cell size will help sometimes. Ultimately, the Hydrographic Office decides how to handle the situation.

There was a discussion on whether different scales should also be applied to S-102.

These S-102 recommendations were not endorsed yet because there are still some feedbacks. Endorsement can be done by circular letter before the next BSHC meeting in September.

Action#12 The Chair to report back to the Baltic Sea eNav S-102 harmonisation recommendation project team.

C.3 S-100 coordination in the Baltic Sea area continues.

Docs: BSICCWG11_C.3_S-100 timeline.pdf
Docs:S100_Roadmap_Decade_v4.0_clean_October2024.pdf

C.3.1 National status of S-100 coordination/S-100 products.
Collaboration with other organizations that are responsible for S-100 products (e.g S-104, S-124)

Docs:
WENDWG survey for S-100 products

Action #1 The Chair to send a questionary about current readiness status of RHCS for the provision of S-100 datasets by 2026 and 2027.
Action #2 BSICCWG members to reply the Action #1 readiness questionary.

The Chair will present the results at the next BSHC meeting in September.

C.3.2 Other relevant items considering S-100 coordination/S-100 products.

The Chair presented the issue. Although this is not the main focus of the group, it is necessary to monitor the situation to enable the BSICCWG Chair to report on it. In many countries, the Hydrographic Office is responsible for coordinating overall S-100 activities.

The status of S-100 coordination in different member states was reviewed:

Finland: The Finnish Transport Agency serves as the main coordinator for S-100 development in Finland. The Agency has maintained productive information exchange with the Finnish Meteorological Institute regarding S-104. Seminars have also been held with other relevant organizations, including the Finnish Transport Infrastructure Agency and Fintraffic. Finland does not have named S-100 coordinator.

Sweden: has a named S-100 coordinator
Denmark: has a named S-100 coordinator
Germany: no named S-100 coordinator
Latvia: no named S-100 coordinator but HO responsibility to coordinate.

Lithuania: no named S-100 coordinator
Poland: No named S-100 coordinator. Polish HO responsibility to coordinate.
Estonia: No named S-100 coordinator. HO responsibility to coordinate.

D.1 Status of Paper charts

Updating of S-11 Part B, Region E. Process/timeframe of updating in member states, status.

D.1.1 Denmark

Docs: BSICCWG11_D.1.1 - DK - Print on Demand.pdf

Denmark has transitioned to continuous publication of chart corrections and print-on-demand for all charts. Because digital navigation now dominates the market, the use and sales of paper charts have declined. Weekly chart corrections are used less and less.

Weekly PDF updates have been discontinued. Corrections are now published chart-by-chart on the webpage. Corrections are provided for the largest scale charts. Users need to generalize corrections for smaller scale charts. New editions are issued only when corrections cannot be adequately described in text. This change enables faster, leaner distribution of updates.

D.1.2 Estonia

Docs: BSICCWG11_D.1.2_PC_presentation_EE.pdf

Many new editions of Paper charts. Estonia has been implementing the BSCD2000 change and the scale change, both of which have posed challenges for paper chart compilers.

Estonia has started to use colored ZOC diagram based on NCWG recommendations. Estonia inquired about experiences with Russian data on charts.

D.1.3 Finland

The publication schedule for Finland's printed charts follows the timeline of the BCSD 2000 (N2000) project. The reform has now progressed to the Åland area. The goal is to complete the project in sea areas by the end of 2026. The updated data will also serve as the foundation for S-101 products.

Chart 935 (1:100,000, *Southern Åland Sea)* was withdrawn from production in autumn 2024

D.1.4 Germany

Docs: BSICCWG11_D.1.4+E.1_Paper Charts_DE.pdf

Germany has been doing extensive rescheming starting in the North Sea and plans to withdraw many regional A1 size charts in 2026. INT charts will get more

plans and content in shallow waters. The scheme for the Baltic Sea has not been finished yet, see F.2 for changes of DE30 and DE36.

Germany inquired whether everyone is now using the 15 m contour as previously agreed.

Action #3 Members to re-check whether they are using 15 m contour.

D.1.5 Latvia

Docs: BSICCWG11_D.1.5_PaperCharts_LV.pdf

New Baltic Sea overview chart product. No INT numbers will be required in 2025 but new INT numbers will be needed for approach charts in 2026.

Latvian INT 12760 chart currently has multiple copies in the IHO web manager (reduced from the previous 15 to 4 copies).

Action #4: The Chair to check how to remove the multiple copies of Latvian INT 12760 chart in the IHO web manager.

D1.6 Lithuania

Lithuania doesn't have INT charts yet. Only national charts. Lithuania releases them as PDFs. Hoping to be IHO members soon and can then use INToGIS webtool.

D.1.7 Poland

Docs: BSICCWG11_D.1.7_paper_charts_PL .pdf

Currently have 21 INT numbers. All charts are in BSCD2000. Eight new editions last year. Poland still has issues with disappearing Polish letters in INToGIS PDF export.

Action #5: Polish letters disappear when converting from INTtoGIS webtool to PDF. Chair to inform IHO.

D.1.8 Sweden

Docs: BSICCWG11_D1.8_Status paper charts_SE.pdf

At the BSICCWG10, Sweden presented their new process with updating criteria. Work on this process has been ongoing. Sweden has been working to improve internal communication. Sweden has been testing creating paper charts from S-101 data and the experiences have been OK, although some uncertainty remains

regarding paper chart production from S-101 data after the conversion in September.

Sweden is also investigating reducing lighthouse silhouettes and adding ZOC diagrams.

D.2 INToGIS II

IHO Web Catalogue in use;

- Possibilities, challenges
- New additional needs?

Link to IHO Web Chart Catalogue

Discussed under item D.1

D.3 INToGIS III

Status of INToGIS III /INToGISⅢ for S-100 Products:

Docs:
WENDWG15_2025_06.1A_INToGIS-3_Development_Status.pdf

The project is delayed. Once the new system is ready, the Chair will organize a VTC meeting to showcase the new features and changes.

E.1 Baltic Sea S-57 ENC-scheme

Status now- future plans of coverage.

No changes or comments.

E.2 Gaps and overlaps

Docs:
BSICCWG11_E.2_BSHC overlap report 2025

The chair presented the issue and the IC-ENC gaps and overlaps list. It concerns the members belonging to IC-ENC. Denmark pointed out that the list has old Danish cell names, despite being dated after Denmark completed their rescheming.

Action #6: The Chair will ask IC-ENC why the gaps and overlaps list includes old DK ENC cells.

Germany informed that they are just producing new General ENCs and will approach all neighboring countries to address overlap reduction issues.

The Chair noted that these overlap issues are more technical than actual problems, but it would be worthwhile to eliminate them when releasing new editions.

Permanent action #5: WG members should reduce possible ENC-overlaps when creating new editions.

E.3 Baltic Sea ENC overview cell- experiences

Overview ENCs were successfully released in January.

Sweden inquired whether Denmark is still using 40 m depth contour on their data.

Action #7 To harmonize depth contours with Sweden Denmark to investigate if they are still using 40 m depth contour.

Denmark asked whether it is relevant to include LIGHTS features at the overview scale.

Action #8: Investigate the issue regarding the display of lights in the Overview ENC. Consider possible ways to improve consistency.

E.4 Future work of BSICCWG

BSICCWG TORs

Docs:
BSICCWG_TERMS-OF-REFERENCE-AND-RULES-OF-PROCEDURE_2023.pdf

No changes in TORs.

F.1 Magnetic variation data

Docs: BSICCWG11_F.1_magvar_Estonia.pdf

Estonia gave a presentation highlighting the inconsistencies in magnetic variation practices between different countries. Different countries are using different steps: 0.25°, 0.5°, 1° and 2°. Should the steps be harmonized? There are also differences is the frequency of updates. Estonia inquired about other countries' plans regarding the magnetic variation and asked who intends to use the Swedish model.

Some members are planning to use the Swedish model, while others are not. Denmark considers the Swedish model too detailed for the purpose and suggested using the NOAA model throughout the Baltic Sea area, if it is still available, as it would be more suitable and generalized.

Finland will probably use its own model and questioned whether extensive harmonization of magnetic variation is even necessary, since the limits are not visible on the ECDIS anyway.

Germany is using its own model based on the NOAA data which is provided annually and has changed to areal depiction. They would be happy to investigate in more detail to get more harmonized values with neighboring areas.

Action #9: Denmark will investigate the possibility of using NOAA's magnetic variation model.

F.2 Planned changes of DE30 and DE36 limits

Docs: BSICCWG11_F.2_Planned changes of DE30 and DE36 limits_DE.pdf

Germany presented plans to change the two German produced INT charts of scale 1 : 150 000 to cover all German Baltic Sea area.

Action #10: Everyone to review Germanys paper chart re-scheming proposal.

F.3 User feedback of the new symbology for rocky areas

Docs: BSICCWG11_ F.3_User feedback for the new symbology for rocky areas_FI.pdf

The Chair presented the issue.

F.4 UWTROC overwritten with S-102 values

Docs BSICCWG11_F.4_UWTROC_Estonia.pdf

Estonia had an example of S-102 data overwriting S-101 information on ECDIS. S-101 obstruction features with unknown depth values were assigned with values when used with S-102. It is likely that this behavior is defined in S-98 and should be addressed within that specification.

G. New chair for BSICCWG

The Chair presented the issue. The current Chair, Jarmo Mäkinen, will step down at the next BSHC meeting in September. A new BSICCWG chair and vice chair should be selected at that same meeting.

Action #11: Every member should discuss internally and consider if there is a volunteer for Chair or Vice-Chair.

H. Place and date of the next meeting

Helsinki 20-21.5.2026

I. Review of BSICCWG11 List of actions

Closing the Meeting

The Chair closed the meeting at 14:30.