



Minutes
of the
BSICCWG3 Meeting on 20 - 21 October 2015
at Danish Geodata Agency
Copenhagen, Denmark

[8 February 2016]

Participants:

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|-----------------------------|-------------------------|
| Ms Dana Kuznetsova | Estonia |
| Ms Berit Holse | Denmark |
| Mr Peter Ladegaard Sørensen | Denmark |
| Mr Morten Hvidberg | Denmark (during item 1) |
| Ms Tuulia Soini | Finland (Secretary) |
| Mr Jarmo Mäkinen | Finland (Chair) |
| Ms Sylvia Spohn | Germany |
| Mr Andrzej Dolecki | Poland |
| Ms Anita Bodin | Sweden |
| Mr Andreas Andersson | Sweden |

1. Welcome and formalities

The meeting convened on 20 October at 9:30. The hosts (DK) welcomed all participants to the meeting and wished a pleasant stay in Denmark. The head of Danish Hydrographic unit, Morten Hvidberg greeted the participants and presented the Danish Geodata Agency shortly. He emphasized the important work the BSICC working group.

There was a brief introduction of the participants [\[List of participants\]](#).

The chair, Jarmo Mäkinen (FI), opened the meeting and shortly reviewed the agenda. The agenda was approved with additional presentation about the organizational changes in the Danish Hydrographic Office under agenda point 10, Any other business. It was noted that many Hydrographic offices have been going through organizational changes.

2. Status of BSICCWG and its work

The Minutes of the previous BSICCWG2 meeting were accepted. [\[Minutes of BSICCWG2\]](#)

The status of the List of Actions at BSICCWG2 was shortly reviewed. [\[Status of BSICCWG2 actions\]](#)
Denmark proposed the chair to forward the draft amended guidance for using the names on chart titles with additional examples for comments. **Action#1**

The BSICCWG TOR's and membership were reviewed. It was noted, that Ms Nele Savi (EE) and Mr Jacek Kijakowski (PL) still continue as a named members of the group despite their absence at this meeting.

3. IRCC 7, BSHC20

3.1 Outcome of BSHC 20th Conference [\[BSHC20 BSICCWG Report, results of the questionnaire\]](#)

The chair reviewed the BSICCWG report presented in the BSHC20 and presented the results of the questionnaire on paper charts. In IHO level it has been noted, by Director Mustafa Iptes, that paper charts will be produced at least for 10-20 years ahead. The situation of paper charts were shortly reported by the participants. It was noted, that the amount of sold paper charts has been decreasing slightly but not as rapidly as estimated beforehand. Traditional printing to the store is decreasing.



Sweden informed the meeting about their plans to buy a new very fast Hp5000 (400 prints per hours) printer for in-house printing/plotting. Participants reported their printing processes.

The meeting discussed about moving into Print On Demand service. Members discussed more thoroughly about the problems with definitions of print on demand (POD). It seems that POD is understood differently in different countries. Generally, POD means a service of printing existing editions of paper charts including NtM's updates, when there is a demand to avoid manual correction by the user or to print in stock. Meeting was also discussed how to include P&Ts (Preliminary and Temporary Notices) to POD service? Some producers are doing it manually (LT).

Ms Berit Holse (DK) presented Danish printed charts made with KARIS and ESRI systems and how P&T's are marked in the charts. Ms Dana Kuznetsova (EE) demonstrated, as an example, how Norway is executing print on demand charts. It was noted, that Norway should be consulted for POD.

Action#2: BSICCWG Chair to find out from NCWG if P&T's should be included in reprints (not relevant before answering action 3).

Action#3: Peter Ladegaard Sørensen (DK) to clarify if P&T's are included to POD service in Norway (in NCPEG meeting)

Action#4: Dana Kuznesova (EE) to send the screenshot of the Norwegian POD chart document to Chair as a meeting document

Action#5: Andreas Andersson (SE) to find out how UKHO dealers are handling P&T's in UKHO POD - service.

It was noted that the minutes from the BSHC meeting were not yet circulated. Draft list of actions was presented.

3.2 Outcome of the IRCC7

The chair presented BSHC WENDWG –representative's report to BSHC20 (http://www.ihp.int/mtg_docs/rhc/BSHC/BSHC20/D1_BSHC20.WENDWG%20Report.pdf)

The BSICCWG3 meeting noted the actions that are vital to BSICCWG, stated in IHO CL 64/2015 letter (Revised management, review and monitoring of new INT charts). The Circular Letter describes the two-year trial procedure for the review of new INT charts. All the Members should provide first and new editions of INT Charts to Regional INT Chart Coordinator. *[IHO CL64/2015]*

Action #6: BSICCWG Chair to add WENDWG report document to the minutes of the meeting.

4. INTToGIS; S-11 Part B experimentation

4.1 Results of project

4.3 Updating process

4.4 Testing of updating tools

Chair presented the item 4 and told about the INTToGIS project. IHB has launched an experimentation to move the current S-11 Part B "paper-like" database, to a GIS environment. This project is named "INTToGIS" and the Baltic Sea in one of the testing areas. IHO has updated S-11 in Region E in May 2015 and the updates are made until June 2014. The purpose is that the next S-11 update for Baltic Sea can be done directly to the GIS database with the experimentation tool. It was noted, that the tool does not work well with IE (Mozilla & Chrome are the best). The updates can be made straight through the link, and the directions for the updating can be found in the manager's manual. The chair reviewed the updating process (HO-> Chart coordinator-> IHB) and tried to demonstrate the use of the updating tool, but the service was out of function at the time (due to server maintenance work). It was noted, that the contact information (e-mails) in tool's ID-info was partly incorrect.

Estonia commented the tool and presented their experiences shortly. Chair thanked Ms Dana Kuznesova for the comments.

Action #7: BSICCWG Members will send their corrections/right email addresses (INTToGIS ID info) to Chair.



Action #8: BSICCWG Chair to clarify the meaning of the column AL/Producing (values 22-23) in the data sheet of the updating tool, as requested by Estonia.

Action#9: BSICCWG Members to study the Manager's manual and test the connection via the link. Members will try to make the update to S-11 part B and send them to Chair for approval. Chair will accept updates as a role of INT chart coordinator (formal approval for BSHC) and send for approval to IHB.

Chair expressed special thanks to Korean Hydrographic Office and IHB for their great efforts in the development work of INTOGIS -project.

4.2 Updating process

IHO has updated S-11 in Region E in May 2015. This updating includes only updates **up to June 2014**. (This was an old update, which was sent to IHO in summer 2014, but which was never done, due to the personnel changes in IHB bureau). Next update we will hopefully be done straight to GIS database by member states. The rules of procedures/hierarchy will be: HO > Chart Coordinator (the formal approval of the BSHC) > IHB (final approval).

5. Baltic Sea INT-Scheme

5.1 Revision of Baltic Sea INT chart scheme

The chair presented the item shortly. It was noted, that the current scheme is partly out-dated and there are some needs to update the current Baltic Sea INT Scheme.

5.2 Results of the meeting in Rostock 30.8-1.9.2014

Ms Sylvia Spohn reviewed the outcome of the meeting in Rostock and presented the planned new INT chart scheme for German waters. [\[Presentation\]](#) Denmark presented their challenges, if Germany would withdraw the 1:200 000 chart (INT 1304) area as planned. It was noted by the BSICCWG that for the safety of navigation, the mariner should be able to use only one chart and not to change the chart and scale during the journey in the DW route in the area of Kadetrinne/Kadetredden.

Action#10: Germany will revise their proposal to withdraw the DK 104 1:200 000 chart (INT 1304).

Action#11: Germany will send a list of planned new German INT charts and the new schemes.

In addition, the demands for ENC's and the lack of harmonization in current ENC's were discussed. The importance to determine the areas which need harmonization was noted.

5.3 Review of PL INT-charts in scale 1:150 000, 1:250 000

Poland proposed modifications to the INT charts scheme in the Polish maritime area [\[Review of PL INT-charts in scale 1:150 000, 1:250 000\]](#). Poland plans to release charts 151/INT1291, 152/1292, and 153/INT1293 with modified coverage or orientation. Moreover, Poland is contemplating to modify the scale of two coastal charts (251/INT1218 and 252/INT1219) from 1:250,000 to 1:300,000. The gaps and overlaps in the proposed INT scheme were discussed. Members were worried about a gap close to Bornholm, since there is a lot of tanker traffic over 5000 tons in that area. In addition, it is also desirable to use uniform scale (1: 250 000) in coastal scale band in Baltic Sea area.

The BSICCWG recommended that the INT chart 1294 will not be changed or if it has to be changed, the proposed version 2 will be used.

Action#12: Poland to inform the chair which version of the INT chart 1294 will be used.

Action#13: The Chair will clarify from IHB about their recommendations for the Polish proposal (to change the scale to 1:300 000) with INT charts 1218 and 1219.

Action#14: The Chair will release new numbers for two new Polish INT charts.

5.4 Review of FI INT charts 1:250 000

Finland proposed changes to INT 1:250 000 scheme in Northern Baltic. Finland proposed that existing INT 1210 will be withdrawn from INT-Scheme and:



- National chart FI 953 (1:250 000) will be transferred as a INT chart
- National Chart EE 306 will be transferred as a new INT chart
 - these two charts will substitute existing INT 1210 in INT Scheme
- All the other existing INT charts (1:250 000) will remain the same as they exist now.

The discussion of the issue was opened in BSICCWG2. The members were worried, that the change will cause problems to mariners as they have to make updates to multiple scale bands and the overlapping area between the charts is huge. Sweden also informed that UKHO has been looking after the INT 1210 and will be in contact to Finland in the near future. Sweden also informed that that UKHO will be in contact also to Latvia and Estonia concerning the adoption of their INT charts.

It was pointed out that this proposal creates large overlaps and therefore it is not desirable for the mariners. The meeting strongly recommended that no changes will be made to the INT 1:250 000 scheme.

5.5 New INT-numbers

The chair briefly presented the item. It was noted, that the new INT numbers will have 5 digits. The situation of each member state's need for new numbers was shortly reviewed. The need of new numbers by country is listed below:

- DK 9
- DE ?
- EST 1
- FIN 11
- LV 1
- PL 2
- RU ?

Action#25: Members to inform the Chair about the quantity of INT numbers needed for the next five (5) years.

6. Chart Co-operation in Baltic

6.1 Chart co-operations/co-productions in Baltic Sea- status

All the participants reported their current status of the chart producing co-operation in the Baltic Sea area. It was noted, that UKHO is adopting every participating country's charts, except not yet Estonian. However, adoption of the Estonian charts by UKHO is in progress. It was also noted that the recommendation for exchanging data is to exchange ENCs, as it is a more efficient way. Finland, Denmark and Sweden are exchanging data via the ENC tool and using ENC update report. Poland is not adopting any charts at the moment, as they do not have bilateral agreements currently. Poland will consider adoption and bilateral agreements as an option as recommended by the BSICCWG3.

Action#15: Germany to clarify and document, how many changes must be made when they adopt charts.

The order of updating paper and ENC charts was shortly reviewed in the participating countries.

7. Baltic Sea sub-areas

The chair presented the proposed limits of Baltic Sea sub-areas shortly [*Doc*]. It was noted, that it is important to think the issue from mariners' point of view. The meeting recommends that the names are used as proposed in the presentation. There is also a need to have more accurate coordinates for the limits between areas.

Action#16: Finland to create a table, where countries can update the limits of their own areas.

8. Baltic Sea ENC harmonisation

8.1 Review and status of gaps and overlaps In Baltic Sea [*ENC gaps and overlaps analysis by WENDWG 5*]



Chair presented the item shortly. WENDWG has produced a table for all the current overlaps and gaps in the commission areas. The chair presented the list made from BSHC and NHC area.

Chair presented the PRIMAR overlap & ENC Coverage checker user manual document. It was noted, that the gaps and overlaps analysis can have different results depending on the analysis tool. Estonia presented their analysis of the gaps and overlaps between Estonia and Finland [Doc]. A few small (less than 1m) gaps were found. It was noted that if the mariner can see the small gap he is over scaling the chart due to the lack of proper education in the field. However, more important is hoe ECDIS will act with gaps smaller than 1m. It was noted that more detailed recommendations are needed for handling gaps, overlaps and ENC harmonisation.

Action #17: BSICCWG Members to take a look at the list of gaps and overlaps in BSHC and NHC areas and to send their comments to the chair, who will send the comments to WENDWG.

Action #18: The Chair to forward the question about the allowed gaps and necessity of joining ENC objects to ENCWG, Hans Lauritsen and Richard Fowle.

Action#19: Chair to add a year to the analysis of WENDWG.

8.2 Review of the harmonization recommendations

Chair presented the item. The harmonization recommendations were handled at last meeting, but the status of the actions was left open as Mr Mikus Ranka left the Latvian Hydrographic office. Most of the recommendations are implemented or in process to be implemented in the member states.

Action#20: BSICCWG members to update the revised draft summary list of ENC harmonization and send their comments of the recommendations to the Chair.

Action#21: BSICCWG Chair to send the original harmonisation recommendation document with the Annex L

8.3 Overview ENC

Germany is in favour to continue producing overview ENC's for the Baltic Sea, as stated in the Baltic Sea Hydrographic Commission. Overview ENC of the North Sea has been Norway's responsibility but they have proposed that every country would produce their own overview ENC's.

Action#22: BSICCWG Members to send their general ENC's after any new edition to Germany, who will compile and generalize them into an overview ENC (and paper chart) of the Baltic Sea. This action should be added to the bilateral agreements as well.

9. Future work of BSICCWG

The Chair presented the relevant actions set by the IRCC7 to monitor IHO INT chart collection. BSICCWG3 noted the actions. [IHO CL 64/2015]

Other future work includes

- Testing INTOGIS tools
- updating s-11 part B via INTOGIS tools
- reviewing of ENC harmonization recommendations
- reporting how to solve overlaps
- scheming issues

The meeting discussed about the need of having an ENC specialists present at the next BSICCWG4 meeting when ENC harmonisation issues are handled or have a special meeting for ENC-issues.

Action#23: BSICCWG members to open a discussion about the lead of ENC harmonization work in Baltic Sea - Chair will report the issue to BSHC.

10. Any Other Business

Mr Peter Ladegaard Sørensen (DK) informed the meeting about the organisational changes happening in the Danish Geodata Agency. It has been decided, that the Agency will move to Aalborg from Copenhagen as a part of decentralization politics in Denmark. This will affect the work remarkably if the Hydrographic



specialists will not move to Aalborg. It was noted, that the change will affect also the international cooperation remarkably and the BSICCWG members are worried about the organisational change and its effects for the safety at sea.

Ms Anita Bodin (SE) presented a Swedish special product INT 1203 chart from the east of Gotland. There will be a construction to widen the port in eastern Gotland and the cargo ship's need to be informed about the situation more clearly. The critical area is zoomed in and moved into the right side on top of the chart. This creates a gap in the lower right corner of INT 1203. It was noted, that UKHO should adopt INT 1217 as well in order to not to have any gaps.

11. Review of actions and unresolved issues of this meeting

The draft list of actions of the meeting was reviewed.

Action#24: BSICCWG Chair to send draft minutes and members for comments.

12. Next meeting

It was agreed, that the next BSICCWG4 meeting will take place in November 2016 or in the beginning of 2017. It was proposed, that the meeting will be hosted in Tallinn by Estonia (or in Rostock by Germany).

Action#26: Ms Dana Kuznezova will inform the members about Estonia's possibility to host the meeting by the end of the year 2015.

*Ms Dana Kuznetsova informed after meeting, that Estonia will kindly host **next meeting 31.11.-1.12.2016.***

13. Closing of the meeting

Chair closed the meeting at 14:15 and thanked Denmark for the lovely visit and all the participants for the active participation and work during the meeting.