

**Final Minutes**  
of the  
**BSICCWG7 Meeting on 19-20 May 2021**  
VTC Meeting

Participants:

Kell Torp Jensen	Denmark
Peter Ladegaard Sørensen	Denmark
Maris Akkerman	Estonia
Gabriela Kotsulim	Estonia
Sylvia Spohn	Germany
Ilze Driksne	Latvia
Linda Purina	Latvia
Normunds Duksis	Latvia
Mindaugas Zakarauskas	Lithuania
Alla Bira	Lithuania
Jacek Kijakowski	Poland
Adam Klosinski	Poland
Elisabeth Farrington	Sweden
Stefan Cederberg	Sweden
Jukka Helminen	Finland (Secretary)
Jarmo Mäkinen	Finland (Chair)

## 1. Welcome and formalities

*Docs:*

- *BSICCWG7\_1.2 Draft Agenda v2*
- *BSICCWG7\_1.3 List of Participants*

The meeting convened on 19<sup>th</sup> of May 2021 at 12:00 (CEST=UTC+2)

### 1.1 Welcome and Practical Arrangements

The Chair Jarmo Mäkinen (FI) welcomed everyone to the Skype-meeting and hoped we could return to face-to-face meetings in the future. The chairman noted that the video meeting agenda and time had to be shortened compared to the normal meeting

### 1.2 Adoption of the Agenda

The chair presented the agenda. No Changes to the agenda.

### 1.3 Introduction of the participants

There was a brief introduction of the participants. The New Members Ms Elisabeth Farrington and Mr Stefan Cederberg from Sweden were welcomed to the working group.

Estonia reminded that Estonian e-mail addresses have changed after organization changes.

New e-mail addresses:

*maris.akkerman@transpordiamet.ee*

*gabriela.kotsulim@transpordiamet.ee*

### 1.4 List of Documents

The meeting documents were briefly reviewed. The meeting documents have been sent before the meeting by email.

## 2. Status of BSICCWG and its work

### *Docs:*

- *BSICCWG7\_2.1\_Final minutes of BSICCWG6*
- *BSICCWG7\_2.2\_List of BSICCWG6 Actions*
- *BSICCWG7\_2.3\_BSICCWG TORs and ROPs*
- *BSICCWG7\_2.4\_BSICCWG Members*

### 2.1 Minutes of BSICCWG6

The minutes from the last meeting in Riga 2019 were reviewed. There were no comments to the minutes.

### 2.2 Status of BSICCWG6 Actions

Status of the actions from the last meeting were reviewed. See document list of BSICCWG6 actions.

Denmark asked about BSICCWG6 action 4 (the updated list of the UKHO charts). See the link below:

<https://www.admiralty.co.uk/charts/chart-availability-list>

### 2.3 Review BSICCWG TORs

The chair shortly presented the TORs. There were no comments. TORs are following the international TORs for the ICCWGs.

### 2.4 Review of BSICCWG Membership

Membership list was reviewed. Normund Duksis was added as a Latvian member.

## 3. Outcome of the BSHC 24<sup>th</sup> and 25<sup>th</sup> Commission

### *Docs:*

- *BSICCWG7\_3.1\_BSICCWG report to BSHC24*
- *BSICCWG7\_3.2\_BSICCWG report to BSHC25*

### 3.1 Outcome of BSHC 24th and 25th Commission

Chair presented some of the outcomes of the previous BSHC commissions. Status of the INTToGIS project II, Baltic Sea sub areas, actions for BSICCWG and results of the CATZOC questionnaire. The Chair thanked members for actively responding to the CATZOC survey. The results of the survey have been submitted to the Chair of the IHO DQWG.

The names and coordinates for the Baltic Sea sub areas have now been approved and adopted to the relevant IHO publications (S-4, INTToGIS, IHO ENC catalogue).

There was one note from Poland; Coordinate point Mys Taran is located in Russia (not in Poland). This will be corrected to the list of coordinates (See *Annex 1*).

The next BSHC Commission meeting (BSHC26) will be in Sweden 21-23 September 2021.

**ACTION 1:** To update list of the Coordinates of the Baltic Sea Sub- areas; Mys Taran PL  
-> RU

#### 4. INT Chart Web Catalogue; Updating of S-11 Part B, Region E

*Docs:*

- *BSICCWG7\_4.4\_INTToGISIII\_Project*

##### 4.1 Updating process in member states

INT Chart web catalogue is in use and there have not been critical problems in the use. Lithuania is not able to use it since it has not access to the system.

There was a short discussion about the updating of the adopted charts.

**ACTION 2:** The Chair to re-inquire from the IHO, whether Lithuania would have a possibility to use INTOGIS tool.

##### 4.2 Status of Updates in Region E

Discussed in agenda point 4.5

- 4.2.1 Denmark
- 4.2.2 Estonia
- 4.2.3 Finland
- 4.2.4 Germany
- 4.2.5 Latvia
- 4.2.6 Lithuania
- 4.2.7 Poland
- 4.2.8 Russia
- 4.2.9 Sweden

##### 4.3 Web chart tool in use; possibilities, challenges?

Discussed in 4.5

##### 4.4 Towards INTOGIS III

Chair Presented INTOGIS III-project plan. The development work will be made by KHOA. INTOGIS III will be tool for managing the catalogues/scheme of the S-1xx products incl. INT charts and ENC's as today.

Link to the presentation : [WEND-WG 11 INTOGISProject](#)

##### 4.5 Baltic Sea INT-Scheme

Status of New INT Charts/ need for new INT Numbers

###### 4.5.1 Denmark

After 2019, Denmark has updated 13 INT charts, which should all be in the web manager. Denmark hopes for an e-mail notification when approved by IHO/updated to database.

###### 4.5.2 Estonia

Estonia has updated six harbour INT charts since last meeting. These charts are in new BSCD2000 system. Estonia has no need for new INT chart numbers. They keep working with the ones they have.

###### 4.5.3 Finland

Finnish paper chart production has been on a pause for two years because of change in the production system. First new editions with the new system are likely to be released in June.

#### 4.5.4 Germany (*see annex 3*)

No need for new INT numbers. Germany asked a possible time schedule for the adoption of the German charts 1303, 1201 by Denmark and Sweden. Adoption is accepted by both countries. The timetable for implementation has not yet been decided. The time schedule will be specified in the bilateral negotiations between the countries.

Re-scheming and re-numbering of INT charts is going on. It is almost completed in North Sea and continuing in the Baltic sea area. Germany has produced 5 NCs and 13 NEs in Baltic Sea area after the last meeting.

There was a discussion about when the chart should be an International chart (INT chart) and when a national one.

There was a discussion of on where there should be an INT chart and where a national chart will be enough. The view of the working group was that we should follow the IHO guidelines (S-4, S-11). INT charts should be produced from the areas, where international traffic exists. The medium and large scale INT charts are specifically designed for navigation and access to ports used by ships engaged in international trade. On the other hand, the selection of ports to be covered in the international series could be related to the frequency of use by foreign shipping.

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#### 4.5.5 Latvia

Latvia has no need for new INT numbers this year. Currently Latvian charts are being transferred to a new chart production system (Caris). The work will be completed this year and after that, Latvia reviews the possibilities of new charts.

#### 4.5.6 Lithuania

Lithuania is not IHO member state so they cannot release INT charts today (associate member of BSHC). Lithuanian charts are classified as a national charts, but have been produced according IHO S-4.

#### 4.5.7 Poland (*see annex 2*)

Poland needs two new INT numbers for the Polish charts 53 (Utska) and 54 (Leba).

Poland also informed about the problem with Web Chart Catalogue PDF export and Polish characters.

#### 4.5.8 Russia

Not attending.

#### 4.5.9 Sweden

Sweden has no need for new INT chart numbers. In 2020, Sweden released nine INT charts. In 2021, Sweden has released three INT charts so far.

**ACTION 3:** To include an automatic notification message when the chart is approved in the IHO Web Catalogue (development proposal for INTOGIS III).

**ACTION 4:** To include national letters (e.g. Polish letters) for a PDF output from the IHO Web Catalogue (development proposal for INTOGIS III).

#### 4.6 Review of Baltic Sea INT Chart Scheme Discussed in 4.5

#### 4.7. Any other business (Discussed in 20 May)

##### 4.7.1 Experiences of data base management and chart production with HPD (discussion)

Many Baltic Sea member states (FI, DE, LV, PL, SE) are using Caris HPD. Most are using HPD version 4.1 or higher. Finland has had some challenges with paper chart production with HPD. Sweden had to stop paper chart production for a while after starting to use version 4.

Denmark has changed the production system from Caris to Esri. Main challenges with Esri have been also with paper chart issues.

## 5. Baltic Sea ENC-scheme

*Docs:*

*- BSICCWG7\_6.2\_IC ENC overlap report 2021*

### 5.1 IHO ENC Catalogue link to [IHO ENC Catalogue](#)

### 5.2 WENDWG

The chair briefly summarized what is going on in the IHO WEND working group. The work is concentrating to create WEND 100 principles for S-100 products (as a continuation of the current S-57 WEND principles). Sub-groups working with:

- Development of S-1xx Implementation Guidelines (especially S-102, S-104, S-111, S-128, S-129)
- S-101 (grid based?) Scheming Guidelines

### 5.3 Status of ENC Coverage in Baltic Sea. Review of Baltic Sea ENC –scheme (See annexes 4, 5, 6).

Denmark changed their production system from Caris to Esri and are now creating new technical editions of all of their cells with Esri. At the moment they have no plans for new ENC cells. Plan to do re-scheming in the future. No grid based scheming today.

Estonia has released some new editions of harbour and berthing cells. Everything else is the same as in the last meeting. No plans to change anything at the moment. New approach editions are planned in a new compilation scale but the coverage will stay the same.

Finland has no significant plans concerning coverage. Current general ENCs will be gradually changed to coastal ENCs starting this year. New General cells will follow later in the future.

Germany is changing their approach and coastal ENCs scheme to grid system.

Latvia converted all coastal cells in to grid model. They are working on changing ENCs to a new vertical datum, starting with ports and harbours. They are considering full approach coverage in the future but there are no specific plans yet.

Lithuania has started using new ESRI -production system. Working on approach cells at the moment.

In Poland, new approach and berthing cells are being planned. One new approach cell produced in 2021 so far.

Sweden has not had any changes in coverage since the last meeting. Sweden has been updating maritime limits and CATZOC. One harbour cell coverage is being extended.

### 5.4 List of Ports

The US produced World Port Index (WPI) is a publication layer in the IHO ENC catalogue and INTogIS. This has been manual work without exact coordinates. If there is ENC port coverage there should be a corresponding WPI. The US is in the process of modernizing and redoing the WPI and will have more accurate latitudes and longitudes for the location of the ports in the future. Possibly to have a number value for harbor size instead of existing category value (V,S,M,L).

**ACTION 5:** Member States will review port information in their respective territories and provide Updates to the Chairman, who will collect and forward them to the US.

## 6. Gaps and overlaps Baltic Sea

*Docs:*

- See document *BSICCWG7\_3.1\_BSICCWG report to BSHC24*
- *BSICCWG7\_6.2\_IC ENC overlap report 2021*

### 6.1 Gaps and overlaps analysis in Baltic Sea, by WENDWG9

Brief discussion about overlaps. The chair pointed out that overlap results are different depending on the tool used.

### 6.2 IC-ENC report of gaps and overlaps 2021

### 6.3 Status of gaps and overlaps in Region E

(all members to report the status and possible solution for overlaps)

6.3.1 Denmark

6.3.2 Estonia

6.3.3 Finland

6.3.4 Germany

6.3.5 Latvia

6.3.6 Lithuania

6.3.7 Poland

- Minor overlaps with Russia and Germany. Not significant for navigation.

6.3.8 Russia

- Gaps in the front of Kaliningrad and in the Saimaa Canal.

6.3.9 Sweden

**ACTION 6:** Chair to remind Russia for the gaps on the ENC Coverage.

## 7. Baltic Sea ENC Harmonisation Recommendations

### 7.1 Status-future

*Docs:*

- See document *BSICCWG7\_3.1\_BSICCWG report to BSHC24*

Will be not updated anymore. Status is as it is.

## 8. Future work of BSICCWG

- WEND 100 Principles

Draft of new WEND 100 principles are going for approval to next IRCC (23-25 June 2021) and after that for the next Council and Assembly. See also 5.2.

- IHO S-100 products; production plans for the Baltic Sea area
  - S-101, S-57-> S-101
  - S-102, S-104 etc

Brief discussion about schedules for S-101 production. Germany pointed out that standard has to be ready and the software producers have to have the new standard in their production systems. No exact time-schedules yet. The IHO's roadmap for the S-100 implementation was reviewed. Sweden is involved in the Primar's S-100 development project.

The need for regional coordination (in Baltic Sea) of S-100 implementation will be on the agenda of the next BSHC meeting in September 2021. Finland will provide a paper.

## **9. Any Other Business**

### 9.1 Status of BSCD2000 chart products in member states.

Sweden has proceeded from north and is now at Stockholm level. They have also updated the datum in leisure craft charts.

Estonia has updated the datum in most of harbour and berthing charts. They will next proceed to approach and coastal (See Annex 7).

Latvia has three charts made in new datum and the plan is to release one new this year. Like Estonia, they have also started with berthing and harbours.

Lithuania is in the middle of production system change.

Poland is in the beginning but hope to change the datum within the next two years gradually.

In Denmark, the change is so minimal that it does not affect the charts. Only the information text needs a change and they will do it when Sweden is ready.

Also in Germany, the change will not affect the charts.

### 9.2 Experiences of current production policy - ENC's or paper charts first

There was a brief discussion whether members are working ENC or Paper chart first. All work ENC data first.

9.3 Experiences of publishing new charts in the Kattegat TSS area  
- Denmark presented new shipping Route system and charts published from the Kattegat TSS area (taken into force July 2020).

### 9.4 The use of MARPOL in Baltic Sea charts (see annex 8).

Estonia was interested whether other members are charting MARPOL areas. No one was charting them and did not have plans to chart them in the near future.

### 9.5 Modelling seasonal/conditional buoyage

Germany was interested how other members depict seasonal/conditional buoyage on ENC's.

Sweden and Finland usually using CTNARE to inform about withdrawn buoys

Lithuania uses buoy INFORM attribute with reference to NTM

## **10. Review of actions**

The chair will resume actions and provide them with a draft minutes.

## **11. Next meeting**

The next BSICCWG meeting is planned to take place in Rostock 18<sup>th</sup> and 19<sup>th</sup> of May 2022.

## **12. Closing of the meeting**

The chair thanked the participants for the active meeting and the meeting was closed.

