



CBSC21 Intersessional Meeting Online meeting, 13 March 2023

Update on the IHO e-Learning Center progress

CB e-Learning Project Team

By

Helber Carvalho (DHN – Brazil) – Chair

Mina Foroutan (CHS – Canada) – Vice-Chair

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Goal and Objectives

Goal

Support the IHO community with e-learning opportunities to expand capacity building activities throughout the global hydrographic community.

Objectives

- To increase and enhance hydrographic capability through the provision of training opportunities using e-learning processes.
- To centralize, manage and expand various e-learning contents in cooperation with IBSC and IHO Member States.
- To provide users with skills necessary to apply lifelong learning technologies.



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e-Learning Project Team

Nowadays, the PT has **nineteen (19) participants** from IBSC, IC-ENC, Brazil, Canada, Denmark, France, Greece, IHO (Secretariat), Portugal, ROK, Turkey, South Africa, United Kingdom, and USA.

- Aeri Yu (EAHC - KHOA)
- Christoff Theunissen (SAHO – South Africa)
- Christopher Janus (US-NGA /WWNWS – USA)
- Emre Gulher (MBSHC - Turkey)
- Gordon Johnston (IBSC - UK)
- Helber Carvalho (SWAtHC – Brazil - Chair)
- Jens P. Hartmann (MSDIWG - Denmark)
- Jeremy Kitchker (UKHO)
- Julien Smeekaert (EAHC – SHOM - France)
- Leonel P. Manteigas (IHO)

- Lucy Fieldhouse (UKHO)
- Lysandros Tsoulos (IBSC - Greece)
- Mina Foroutan from the CHS – Canada – Vice-Chair)
- Nickolás de A. Roscher (IBSC - Brazil)
- Peter You (EAHC - KHOA)
- Ronan Le Roy (France)
- Videira Marques (IH - Portugal)
- Thomas Richardson (IC-ENC)
- Ruth White (IC-ENC)



Activities performed since CBSC20

- 1 – Draft Guidelines in progress
- 2 – The website and domain were created.
- 3 – Running tests with 4 courses:
 - Fundamentals of Hydrographic Survey
 - Fundamentals of chart production
 - 2 cases of MSDI fundamentals
- 4 - Operate the courses and receive feedback from IHO Member States.



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Activities performed since CBSC20

5 – Defined the **composition of Center Steering Committee – SC** (Decision from 8th Meeting - 4-5 October 2022)

To be composed by 10 people:

- IHO Director (1),
- CBSC Chair or Vice-Chair (1),
- Member of IBSC (1),
- Secretary (1), and
- 6 other Members; and

The Secretary should be a member of the SC and shall be appointed by the CBSC.

6 – Defined the composition of **Center Support Team** (Decision from 8th Meeting)

To be composed by **one General Manager** and **one System Manager**.



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2023: the main achievements and planned activities

Decision from 9th Meeting (9th FEB, 2023):

- KHOA will continue operating the e-learning system under these conditions:

1. Add a prerequisite to take e-learning courses for the applicants and selected students of the Cat. A and Cat. B programmes run by the IHO-ROK fund;
2. The IHO will ask MSs to share contents to the e-Learning Center; and
3. KHOA will translate the subtitles of the contents in English, French, and Spanish and the IHO will ask MSs using these languages to provide feedback on the translation.



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2023: the main achievements and planned activities

Notices from 9th Meeting (9th FEB, 2023):

1 - The installation of the e-Learning Center:

a. The website provides the following information:

- Introduction of the IHO e-Learning Center, announcements, meeting documents, and user manual including Q&As
- e-learning courses. If you click a course, it takes you to the LMS.

b. The LMS provides the following functions:

- Various modes of learning including videos, quizzes and tests.
- Functions for users such as checking the learning progress and continuing learning from where they stopped.
- Functions for an administrator such as managing courses and user information.



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2023: the main achievements and planned activities

Notices from 9th Meeting (9th FEB, 2023):

2. Four courses were uploaded to the website for test operation. The website was further improved by reflecting users' feedback and solving system errors and is now ready for sharing of e-learning contents by the IHO community.

- **SHOM (France) is kindly developing a MSI course for e-Learning Center** and is expected It will be available soon. The course is in French but the Moodle environment can be configured in English.

- The Project Team recommends to the future Steering Committee to inform on the contents of the **available courses contribution to the IHO S-5 and S-8 standards.**



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Draft of the Guidelines

A Drafting Group was formed with the lead of the Vice-Chair of the PT to create the Guidelines.

This document contains the **requirements for running the IHO e-Learning Center** by reflecting the views of Member States with experience in e-Learning courses.

Although there is still some work to be done, the Guidelines is getting closer to completion.



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Draft of the Guidelines

The main contents are:

- 1 - Overview
- 2 - Introduction
- 3 - Objectives and scope of the guidelines
- 4 - Terminology - Glossary
- 5 - The IHO e-Learning Center
 - Objective
 - Vision
 - Mission
 - Composition
 - Scope of Work



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Draft of the Guidelines

The main contents are:

6 - Steering Committee

- Composition
- Scope of work
- Duty

7 - Management of e-Learning Material

- Types of contents
- Copyright and intellectual property rights

8 - Guidelines to support the MS to develop and provide contents

9 - Use of e-learning material by learners

10 - LMS management and operation



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Conclusions

- The establishment of the IHO e-Learning Center is proceeding with the cooperation between the IHO e-Learning Project Team, the Republic of Korea (ROK), and IBSC according to A-2 Decision n°. 42. **A platform was successfully created for sharing e-learning contents (elearning.iho.int)**
- **KHOA will continue operating** the e-learning system under three conditions, as presented before.



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Conclusions

- The Project Team will join efforts to **conclude the Guidelines**, so It will be submitted for **approval at CBSC21** that will then submit to be endorsed by IRCC15.
- The next challenge is to **set up the Steering Committee (CBSC21) and Center Support Team.**
- It is important to highlight the **great contribution from KHOA** and its valorous supporters.



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Action Required of CBSC21 Intersessional Meeting

The CBSC is invited to:

- a. Note this report.
- b. Take any action considered appropriate

Obrigado! / Thank you!

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