# IHO e-Learning Project Team

# 2nd Meeting (VTC), 30 March 2021

**Abbreviations:**

Chair Luiz Claudio Fonseca (Chair) (Brazil)

AH Alphonso Hendriks (Institute of Maritime Technology)

AY Aeri Yu (Republic of Korea)

BJ Boram Jang (Republic of Korea)

CJ Christopher Janus (United States of America)

CT Christoff Theunissen (South Africa)

HC Helber Carvalho (Brazil)

HK Hoyoun Kang (Korea Hydrography and Research Association)

HL Hyunuk Lee (Korea Hydrography and Research Association)

JH James Harper (IC-ENC)

JK Jeremy Kitchker (United Kingdom)

JP Jonathan Pritchard (IIC Technologies)

JPH Jens Peter Hartmann (Denmark)

JS Julien Smeeckaert (France)

LM Leonel Manteigas (IHO Sec.)

LT Lysandros Tsoulos (Greece)

MF Mina Foroutan (Canada)

NR Nickolás de A. Roscher (Brazil)

PP Pearlyn Pang (Singapore)

PY Peter You (Republic of Korea)

SW Stacy Walker (United Kingdom)

SY Scott Yoo (Ubion)

TR Thomas Richardson (IC-ENC)

# Welcome/Logistics

# 1. Opening

Chair welcomed all attendees to the meeting, noting a few new members present. He acknowledged the challenges of holding substantive meetings in the current situation of the COVID-19 pandemic and thanked the participants that were attending from substantially different time zones.

**2. Approval of agenda**

The meeting agenda was approved.

# 3. Matters arising from A-2, C-4, CBSC intersessional meeting [PY]

PY reported the relevant decisions and actions arising from the A-2, C-4, and CBSC intersessional meeting. Chair highlighted the important contribution from the ROK to the PT.

Decision 1: Highlight the important contribution from the ROK to the e-Learning PT.

# 4. Approval of ToR and RoP for the e-Learning PT [PY]

PY presented the draft ToR and RoP of the PT and Chair acknowledged the contribution made by the ROK. JH asked to consider allowing permanent observer status for continued contribution. Chair proposed not to limit the number of members. LM proposed to add a line that the list of PT membership is maintained on the IHO website and to approve the draft as it is to proceed the work but make it available for future contributions and amendments. The PT approved the draft ToR and RoP with comments from members and decided to circulate it for future amendments.

Decision 2: Approve the draft ToR and RoP provided by ROK and circulate it for future amendments if any possibly by the 3rd meeting.

# 5. Implementation Plan for IHO e-Learning Center [PY]

PY presented the Implementation Plan for IHO e-Learning Center. The LMS and the website will be available for testing in November 2021. Chair emphasized that feedback from members will be essential in improving them. LT enquired about the absence of syllabi in the timeline and said that they should be included in the guideline, to which PY responded it will be so and called for volunteers to draft the guideline. LT will report the progress of the PT to the upcoming IBSC meeting in April 2021 and report back to the 3rd PT meeting in May on how the IBSC could contribute to the PT. NS echoed LT’s comment by highlighting the importance of detailed syllabi. JP enquired about the use of the financial support from the ROK government and PY explained that 2021 will focus on developing the system and 2022 will finalize it and the leftover could be used for developing e-learning contents. Chair highlighted the contribution from the ROK to the Implementation Plan.

Action 1: Members to proceed work in 2021 according to the Implementation Plan. Those who want to contribute to drafting the e-Learning guideline are invited to come forward (deadline: 30 April 2021)

# 6. e-Learning activities of the IHO

# 6.1 IHO MSDIWG [JP]

JP reported the MSDI e-learning materials – presentation slides and training booklets – and interactive course developed and in operation since 2019. JH asked the possibility of translating them to other languages and JP responded that it’d be useful to translate the materials in demanded languages but this was a question of resources. JPH added that they were funded by the Danish Hydrographic Office to be developed in English but questioned if the Office would be persuaded to translate them in French and Spanish. He was concerned that the concept of MSDI is difficult so one will have to test its learnability from end users’ perspective. He mentioned the usefulness of an e-learning software and the openness and free use of contents by Member States. PY enquired the number of users and feedback from them. Number was unknown but JPH replied that positive feedback was received from some RHCs.

# 6.2 IC-ENC [TR]

TR reported the training courses on ENC validation and S-100 and S-101 delivered for IC-ENC members since 2015 and the Totara Moodle-based LMS. The IC-ENC plans to migrate contents to e-learning format (SCORM), deliver its first blended validation training this year, and develop more contents. They are also considering to extend to a mobile app subject to demands.

# 6.3 SANHO [CT, AH]

CT presented the MSI e-learning CB package developed by SANHO and the Institute for Maritime Technology (IMT), noting the importance of MSI in CB phase 1. The training ranges from the responsibilities and tasks of establishing national and regional coordinators, to those of the operators drafting formatted navigation warnings, by means of video tutorials, interactive, self-help slides, and practical examples of MSI, and is accessible on all devices. It was released in December 2020 and is open for feedback and members who wish to access the training are invited to contact SANHO for log-on details. AH demonstrated the Moodle-based training. CJ commented that the WWNWS-SC adds subtitles to all their materials for potential translation in the future as well as voice-over. The Sub-Committee held a short virtual course with interactive presentation slides and QGIS which turned out to be successful and wished to add it to the SANHO’s training. AH responded that it was important to have the contents translated in multiple languages for the international community and reviewing the contents should be preceded.

# 6.4 KHOA [BJ]

BJ reported the TRDC e-learning system developed in 2016 which includes basic courses of S-8B, S-5B, and MSDI and special lectures on S-100 and showed demonstration. Members may request log-on details. JPH asked to show the demonstration at the next MSDIWG meeting and to cooperate with the WG and this was accepted.

# 6.5 UNESCO GCED [SY]

SY reported the UNESCO GCED’s online campus and explain the Moodle-based LMS. SY has experience in using Moodle for more than 10 years and is open for advice.

Decision 3: Chair acknowledged the e-learning activities of the members and asked them to cooperate with the IHO e-Learning Center in the future.

Action 2: ROK to present its e-learning MSDI course at the next MSDIWG meeting (deadline: October 2021)

**7. Any other business** [Chair]

PY proposed to have the 3rd meeting in the second half of May to draft the e-learning guideline and discuss ways forward. PY invited JS to present the e-learning activities of SHOM at the next meeting to which JS agreed. JH proposed to create a webpage on the IHO website to share e-learning activities of MSs and this was welcomed by the Project Team.

Action 3: PT members to deliver activities regarding developing the e-learning guideline. (continued.)

Action 4: JS to present e-learning activities of SHOM at the next PT meeting (deadline: next PT meeting)

Action 5: LM and ROK to find a suitable place on the IHO website for a dedicated webpage to share e-learning activities (deadline: Next PT meeting)

# 8. Election of Chair and Vice-Chair [Chair]

Chair called for candidates for the positions of Chair and Vice-Chair. The only candidates to the positions of Chair and Vice-Chair were Helber Carvalho and Mina Foroutan respectively so they were appointed.

Decision 4: PT appointed Helber Carvalho as Chair and Mina Foroutan as Vice-Chair.

Decision 5: PT acknowledged the great work done by Luiz Claudio Fonseca as the PT Chair and Leonel Manteigas as the Secretary so far.

# 9. Next meeting [Chair]

Decision 6: Hold the 3rd meeting in the second half of May before CBSC-19.

# 10. Closing [Chair]

The Chair thanked the members for their participation.

# 11. Post-meeting note

A need to develop a dedicated PT webpage on the IHO website to maintain meeting documents was agreed. KHOA agreed to take on the role of Secretary of the PT in place of LM.

Annex:

A: Agenda

B: List of participants

# Annex A

**2nd Meeting of the IHO e-Learning PT**

**VTC, 30 March 2021 (12:00 – 15:30 CEST)**

**AGENDA (Rev 2.0)**

**Note**: All times are CEST (UTC+2)

|  |  |  |  |
| --- | --- | --- | --- |
| **Time** | **Agenda** | **Description** | **Lead** |
| 11h40 |  | Opening of the Online System | All |
| 12h00 | 1 | Opening- Introduction of new members | Chair |
| 12h10 | 2 | Approval of Agenda | Chair |
| 12h30 | 3 | Matters arising from A-2, C-4, CBSC intersessional meeting | Peter You(KHOA) |
| 12h50 | 4 | Approval of ToR and RoP of the e-Learning PT | Chair |
| 13h20 | 5 | Implementation Plan for IHO e-Learning Center | Peter You(KHOA) |
| 13h40 |  | Break | All |
| 14h10 | 6 | e-Learning activities of the IHO1. MSDIWG 2. IC-ENC 3. SANHO (South Africa)4. KHOA (ROK)5. UNESCO GCED (ROK) \* **G**lobal **C**itizenship **Ed**ucation  | Jonathan PritchardTom RichardsonChristoff TheunissenBoram JangScott Yoo |
| 15h10 | 7 | Any other business | Chair |
| 15h20 | 8 | Election of Chair and Vice-Chair | Chair |
| 15h25 | 9 | Next meeting | Chair |
| 15h30 | 10 | Closing | Chair |

# Annex B

# List of participants

|  |  |  |
| --- | --- | --- |
| **MS** | **Name** | **Email** |
| Brazil  | Luiz Claudio Fonseca **(Chair)** | luiz.claudio@marinha.mil.br |
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