

PRO 3.3 ESTABLISHMENT OF AN IHO E-LEARNING CENTER

Submitted by: Republic of Korea

References:

- A. Article II(c) of the IHO Convention as amended: “To improve global hydrographic capability, capacity, training, science and techniques;”
- B. Decision no. 16 of A-1: “PRO-2: The Assembly directed the IRCC to take into account e-learning in the IHO Capacity Building Strategy and to consider using e-learning in its Capacity Building activities.”

PROPOSAL:

PRO 2 – *Development of IHO e-Learning Capacity* was discussed at the 1st Session of the IHO Assembly. However considering that the absence of detailed implementation plan is not progressing the concept of e-Learning, the following are proposed:

- a) **to establish an IHO e-Learning Center to serve as a common platform among the Member States; and**
- b) **to develop an e-Learning guideline to implement e-Learning programmes.**

EXPLANATORY NOTE:

1. Faced with rapid technological changes including the introduction of S-100 standards, un manned hydrographic survey and Marine Spatial Data Infrastructure (MSDI), the IHO should strive to satisfy the needs of the IHO community through continued capacity building activities.
2. PRO 2 – *Development of IHO e-Learning Capacity* was discussed at the 1st Session of the IHO Assembly (A-1) and as a consequence decision no. 16 was made as the following: “PRO-2: The Assembly directed the IRCC to take into account e-learning in the IHO Capacity Building Strategy and to consider using e-learning in its Capacity Building activities.” However there has been no progress on the implementation of the Assembly decision.
3. The IHO Secretariat and the IRCC are aware of the need for e-Learning but there are financial limitations in creating and maintaining an e-Learning platform.
4. Since there is no e-Learning guideline, Member States implement their own training programmes, lacking systematic development of contents and limiting the use of existing contents. The examples are the Maritime Safety Information run by France, Spanish Hydrographic School, and Basic Online Hydrographic Survey and Nautical Cartography courses run by the ROK.
5. In this regard, based on experience from hosting the Training, Research and Development Centre (TRDC), East Asia Hydrographic Commission since 2013 and running offline training programmes and having developed and run the e-Learning infrastructure and programmes, the ROK proposes the following two items for e-Learning implementation:
 - a) It is required to establish an IHO e-Learning center in the form of a portal to implement e-Learning more effectively and systematically and enable co-use of contents developed by Member States and industry partners. To facilitate this, the ROK would like to contribute to the IHO community by hosting the center utilizing its web hosting service and Learning Management System (LMS) platform developed by the Korea Hydrographic and Oceanographic Agency (KHOA) between 2018 and 2019.

- b) It is required to develop an e-Learning guideline which includes the development and management of e-Learning contents and running of e-learning programmes and external communications, etc. to enhance the use of e-Learning and implement it systematically.

ACTIONS REQUIRED OF THE ASSEMBLY:

- 6. The Assembly is invited to **approve:**
 - a) the establishment of an IHO e-Learning center; and
 - b) the development of an e-Learning guideline.