

**17<sup>TH</sup> CHRIS MEETING****ROSTOCK, GERMANY, 5 -9 SEPTEMBER 2005****Information Paper for Consideration by CHRIS****AGENDA ITEM 13.1: REVIEW OF INFORMATION PAPERS****Draft IHO-IEC Memorandum of Understanding**

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| <b><i>Submitted by:</i></b>        | IHB   |
| <b><i>Executive summary:</i></b>   | A Draft IHO-IEC Memorandum of Understanding has been prepared at the IHB, which reflects the existing cooperation between the two organizations on standards development. It is contained in the Annex. |
| <b><i>Actions to be taken:</i></b> | The meeting is invited to take note of this draft MoU and to comment, as appropriate, before it is circulated to IHO MS for approval.   |
| <b><i>Related documents:</i></b>   | None.   |

**DRAFT**

**Memorandum of Understanding between the International Electrotechnical Commission (IEC) and the International Hydrographic Organisation (IHO)**

The purpose of this document is to establish an understanding between The International Electrotechnical Commission (IEC) and the International Hydrographic Organisation (IHO). This document formalizes the intention of IEC and the IHO to co-operate and to enable the development and alignment of standards dealing with the functionality and displays of maritime navigation equipment and systems.

WHEREAS, The IHO is an intergovernmental consultative and technical organization that was established in 1921 to support the safety of navigation and the protection of the marine environment. The IHO is committed to the promotion of international standards, necessary for insuring uniformity of products and for facilitating the exchange of information.

WHEREAS, the IEC, founded in 1906, is a nongovernmental organization comprised of a network of national standards institutes and is the world's leading developer of standards for all electrical, electronic and related technologies. The IEC Maritime Navigation and Radiocommunication Equipment and Systems Technical Committee (TC 80), produces international technical standards for equipment and systems that are, or likely to become, part of the mandatory carriage requirements of the International Maritime Organization (IMO) Conventions, in particularly, the Safety Of Life At Sea (SOLAS).

WHEREAS, the IHO seeks to develop standards that specify content, format and appearance of nautical information available to the mariner, specifically the display of Electronic Navigational Charts (ENC), digital nautical publications and Marine Information Objects (MIO) on an Electronic Chart Information Display System (ECDIS) and harmonize the display of non-chart information and other navigation related information to ensure the information necessary for safe navigation of the vessel is clearly conveyed to the mariner.

WHEREAS IEC/TC 80 seeks to provide a technical standard, including methods of testing and required test results, for the performance standards defined for such systems by the International Maritime Organisation (IMO) that include ECDIS and Integrated Navigation Systems.

Now THEREFORE, the parties hereto mutually agree as follows:

As a class A liaison organization to IEC/TC 80, IHO members, IHO technical staff, and IHO nominated experts may attend IEC/TC 80 working groups and plenary meetings and participate in the work in a non-voting capacity. IHO liaison to IEC/TC 80 provides overall co-ordination of this activity within IHO.

IEC/TC 80 representatives may participate as non-voting liaison members to the IHO committees and working groups so that reciprocal liaison in the other direction can be achieved. Notification of intended participation should be communicated between the IEC/TC 80 secretariat and the IHO liaison or pertinent Working Group chairs.

Reports on the relevant work of IHO will be given at each IEC/TC 80 plenary or appropriate working group meeting; reciprocally, and conversely, reports on the work of IEC/TC 80 of concern to the IHO will be given at each relevant IHO meeting.

IEC/TC 80 and IHO will harmonize their activities relating to the development and display of Marine Information Objects (MIO) as set forth in the Terms of Reference for the IHO-IEC Harmonization Group on Marine Information Objects (HGMIO).

All relevant standards, drafts and working documents will be made freely available to IHO and IEC/TC 80 committee and working group members according to each party's normal practices.

This Memorandum of Understanding shall enter into force upon signature and shall remain in force unless terminated by either party upon three month written notice. Changes may be proposed by a resolution from one party and agreed by resolution from the other.