

**PLENARY MEETING OF THE INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) – TECHNICAL COMMITTEE 80 (IEC/TC 80)**  
**Remote meeting, 12 to 14 October**

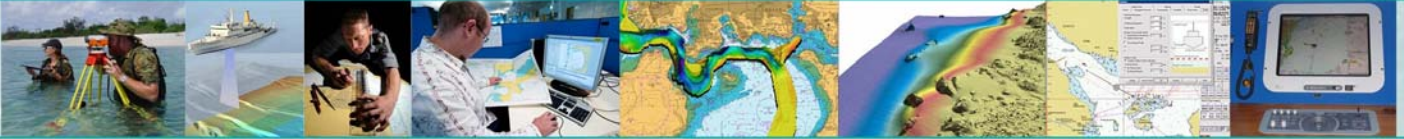
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| Contribution to the IHO Work Programme 2021 |  |
| Task 1.1.7                                  | Maintain relationship with the International Electrotechnical Commission (IEC), including IEC Technical Committee 80 |

The Plenary meeting of the International Electrotechnical Commission (IEC) - Technical Committee 80 (IEC/TC80) was held remotely from 12 to 14 October 2021, chaired by Mr Hannu Peiponen (Finland). The plenary meeting was attended by 50 participants representing national committees and observers from international liaison organizations. Director Abri Kampfer and Assistant Director Yong Baek represented the IHO.



*Some of the participants at the IEC/TC80 Plenary Meeting*

IEC/TC80 prepare standards for maritime navigation and radiocommunication equipment and systems making use of electrotechnical, electronic, electroacoustic, electro-optical and data processing techniques. TC80 standards are widely used by Administrations for type approval of equipment which is a regulatory requirement under the IMO International Convention for the Safety of Life at Sea (SOLAS). The International Hydrographic Organization (IHO) is a Liaison member of IEC/TC80 and participates in its standards development and maintenance Working Groups.



The five subordinate bodies active during the intercessional period (three working groups, two maintenance teams) reported on their work in relation with the development and maintenance of standards. It was of particular interest to note the publication of Edition 1.0.0 of the S-421 Route Plan product specification in June 2021, containing all the information necessary to enable users to produce a consistent route plan and to use that data efficiently in an application. This standard is registered in the IHO GI registry.

The Committee decided to reappoint the existing convenors except for the project leader of PT 61108-7 who had been forced to resign due to illness. Mr Guillermo Fernandez would take over as project leader.

In TC80 the MT7 is responsible to maintain the IEC 61174 test standard for ECDIS. This standard is based on IMO resolution MSC 232(82) and related IHO ECDIS standards S-52, S-57, S-63 and S-64. The current 4<sup>th</sup> edition of IEC 61174 was published in Aug 2015. Director Kampfer presented the IHO Liaison Report to the TC80 Plenary which provided an update on the progress of IHO S-100 edition 5 and S-98 developments, including the status of current published product specifications. The operational version of the S-101 PS will be ready for the production of S-101 ENC's by 2024. The Plenary concluded that there was ample reason to consider a revision of IEC 61174 and considering the timelines, such work can commence by July 2022 at the earliest, but it is dependent on the outcome of the revision the ECDIS Performance Standards (MSC232(82)) at the 9<sup>th</sup> session of the Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) meeting in May 2022.

The Plenary concluded its work with a review of the TC80 Strategic Business Plan. The next TC80 plenary meeting is scheduled for 2023, venue yet to be confirmed.