



SUB-COMMITTEE ON SAFETY OF
NAVIGATION
50th session
Agenda item 4

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REQUIREMENTS FOR THE DISPLAY AND USE OF AIS INFORMATION ON SHIPBORNE NAVIGATIONAL DISPLAYS

Presentation of Navigational Information

Submitted by the International Electrotechnical Commission (IEC)

SUMMARY

- Executive summary:** Report on progress within the IEC on standards for the presentation of navigational information.
- Action to be taken:** Paragraph 7
- Related documents:** NAV 50/4

1 The Sub-Committee on Safety of Navigation at its forty-seventh session invited IEC to set up a Working Group to develop a standard for the presentation of navigational information. The IEC subsequently set up a new Working Group 13 (Displays for the presentation of navigation related information) in Technical Committee 80 (Maritime navigation and radiocommunication equipment and systems).

2 At the forty-eighth session, IEC indicated that it would welcome any guidance from the Sub-Committee on related operational/technical issues. The IEC was aware of the potential overload of information to mariners, and had identified the need for a composite navigation presentation that integrated information derived from two or more systems such as Radar and AIS, or ECDIS and AIS. The Sub-Committee invited the IEC to present its findings on this matter to the next session.

3 At the forty-ninth session the IEC presented a draft Recommendation on Performance Standards for the Presentation of Navigation Related Information (NAV 49/4) which harmonized the requirements for the composite presentation of navigational information on the displays for navigational aids. The IEC also presented two draft annexes (NAV 49/4/1) to a proposed IEC standard 62288: Annex 1 (Terms and numerical quantities presented on the display) and Annex 2 (Symbols presented on the display). These annexes were a compilation and harmonization of presentation related objects, to support the draft recommendation on performance standards.

4 These documents subsequently formed the basis of the Sub-Committees work in the Correspondence Group co-ordinated by Germany which will report to this session. The IEC will recommence work on the standard IEC 62288 when the Committee has finalized the work on Performance Standards.

5 Meanwhile the IEC is pleased to report that it is preparing a technical report that outlines a technical solution for realizing task orientated, user defined composite presentations. This matches work tasks to display requirements and sets the technical basis for new display arrangements.

6 IEC will be pleased to report further at the next session.

Action requested of the Sub-Committee

7 The Sub-Committee is invited to note this report and take action as appropriate.
