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6 **U.S. Committee on the Marine Transportation**
7 **System Coordinating Board**
8 **2014 Resolution on the adoption of the S-100 Marine Data**
9 **Framework, as amended.**

10 Whereas the U.S. vision for the Future of Navigation (e-Navigation¹) is to build upon a
11 framework that enables the transfer of data between and among ships and shore
12 facilities, and that integrates and transforms that data into decision and action
13 information;

14 Whereas the use of standards is a recognized method of facilitating such data transfers
15 and harmonization;

16 Whereas the International Hydrographic Organization's S-100 Universal Hydrographic
17 Data Model is a stable framework for maritime data and product specifications
18 that can support the wide variety of navigation-related digital data sources,
19 products and customers;

20 Whereas S-100 **maintains** alignment with the broadly accepted International Standards
21 Organization geospatial standards and has been adopted by the International
22 Maritime Organization, International Hydrographic Organization and the
23 International Association of Marine Aids to Navigation and Lighthouse Authorities
24 as the preferred global standard for marine data and navigation products;
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26 Whereas adoption of S-100 aligns U.S. Future of Navigation initiatives with the
27 international community; and
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29 Whereas S-100 provides the lexicon for converting data into meaningful marine safety
30 information for MTS stakeholders;

31 Therefore, the CMTS Coordinating Board resolves that the IHO's S-100 Universal
32 Hydrographic Data Model **continue to be used** by CMTS-member agencies as
33 the preferred framework for marine data and product specification, provided such
34 adoption does not supersede or conflict with existing agency data standards
35 requirements. **Agencies are committed to identify specific S-100 product**
36 **specifications that are within their mandate, and to coordinate interagency**
37 **efforts in the development of these product specifications.**
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40 ¹
41 U.S. Navigation Information Strategic Action Plan: 2021-2026;
42 https://www.cmts.gov/downloads/CMTS_USNavigation2021_SAP_FINAL.pdf; March
43 2021.