

**20th CHRIS Meeting
Niteroi, RJ, Brazil, 3-7 November 2008**

Paper for Consideration by CHRIS

United States endorsement of S-100

Submitted by:	USA (NOAA)
Executive Summary:	USA (NOAA) supports TSMAD, and recommends that CHRIS endorses S-100 and that CHRIS submits S-100 for adoption at the 4 th IEHC.
Related Documents:	CHRIS20-06.1E
Related Projects:	N/A

Introduction / Background

The IHO began working on a new edition of S-57, later renamed to S-100 – The Hydrographic Standard for Marine Data and Information in 2001. TSMAD released a draft version for stakeholder review and comment in February 2008. At TSMAD 17, the comments to S-100 were adjudicated, resulting in the preparation of a new version of S-100 for submission to CHRIS.

Analysis/Discussion

The United States supports the draft of S-100 prepared by TSMAD and submitted in CHRIS20-06.1E. It will better facilitate data exchange in new fields such as survey, offshore exploration, and marine environmental information and learns from the experience of S-57 by improving upon marine navigation. A crucial advantage for S-100 is its compatibility with widespread GIS-technology to use hydrographic data for varied non-hydrographic applications in addition to national hydrographic services and ECDIS users.

In addition, the United States supports the TSMAD recommendations regarding the maintenance of S-100. This would allow TSMAD to maintain S-100 with clarifications and corrections and CHRIS(HSSC) to approve new versions of the standard to support extensions for emerging requirements. Thus S-100 would be a flexible standard, unlike S-57.

Recommendations

The United States endorses S-100 – The Hydrographic Standard for Marine Data and Information and supports the TSMAD option of forwarding S-100 to the 2009 Extraordinary Conference for formal adoption, and supports the recommendations for maintenance of S-100 as outlined in CHRIS20-06.1E.

Action Required of CHRIS

The CHRIS is invited to note the United States endorsement of S-100.