

10th CSPCWG MEETING
21-24 January 2014. Wellington, New Zealand

Paper for Consideration by CSPCWG

Report to CSPCWG10 on HDWG Activities

Submitted by:	Australia
Executive Summary:	Report on HDWG Activities Since CSPCWG9.
Related Documents:	IHO On-line Hydrographic Dictionary HSSC5-05.9A – HDWG Report
Related Projects:	S-4/INT1 development

Introduction / Background

The IHO Hydrographic Dictionary Working Group (HDWG – formally the Committee on the Hydrographic Dictionary (CHD)) is a technical Working Group of the IHO HSSC. Its primary objectives are to review and update the different volumes (English, French and Spanish) of the Hydrographic Dictionary on a continuing basis; to liaise with other IHO bodies developing publications containing glossaries to ensure consistency; and to liaise with bodies of other organisations developing dictionaries and/or glossaries. Review and update of the Hydrographic Dictionary is done only on the on-line “Wiki” Hydrographic Dictionary which can be accessed via the IHO web site.

The HDWG consists of membership from 8 IHO Member States, the IHB (which acts in the Secretarial role) and an NGO. The Working Group is chaired by the France. Although the Working Group aims to meet at least every two years, all business conducted by the HDWG is currently being done by correspondence, principally through a Discussion For

Analysis / Discussion

There have been no changes approved for the Hydrographic Dictionary since CSPCWG9. The major event of note in the HDWG is the retirement of the Chair (Jerry Mills, USA) and appointment of a new HDWG Chair (Jean Laporte, France). In response to a request from HSSC to IHO Member States for increased involvement in the WG, some new members joined the Group, including a trilingual expert contributor. As a result of this it was pleasing to see that definitions submitted to HSSC5 for approval were in all 3 official IHO languages.

Proposals submitted to HDWG by CSPCWG have been progressed to HSSC. Further proposals have been received from SNPWG, TWLWG, IHB, Greece and UKHO for new or amended definitions in the Hydrographic Dictionary, and these were added to the HDWG Work Program. A summary is as follows (a more complete summary, including definitions in all 3 languages submitted to HSSC5 for approval, can be found in Paper HSSC5-05.9A):

Aquaculture: Request for new definition submitted by CSPCWG. The following definition was agreed by HDWG and submitted to HSSC5 for approval:

The cultivation of marine fauna and flora.

Phase of a Navigational Light: Request for revised definition submitted by CSPCWG. The following revised definition was agreed by HDWG and submitted to HSSC5 for approval:

A visually discrete part of a light signal. It is bounded by changes between darkness and light (e.g. an occultation or flash), or between different colours, or between distinctly different luminous intensities, and it may be further discriminated by its duration.

Underkeel Clearance and Underkeel Allowance: Request for revised definitions submitted by SNPWG. The following revised definitions were agreed by HDWG and submitted to HSSC5 for approval:

Underkeel Clearance: The distance between the lowest point of the ship's hull, normally some point on the keel, and the SEA FLOOR.

Underkeel Allowance: The minimum UNDERKEEL CLEARANCE estimated, or specified by a relevant authority for a defined area or vessel type, to account for vessels' static and dynamic characteristics, SEA STATE, CHART reliability, and variance from predicted HEIGHT of TIDE.

Mean Sea Level: Request for revised definition submitted by TWLWG. The draft revised definition submitted by TWLWG included a large amount of technical information as to how to calculate mean sea level. HDWG agreed that including such technical detail was not appropriate for the Hydrographic Dictionary, and TWLWG is currently evaluating HDWG feedback.

Single Beam Echo Sounder (SBES): Request for new definitions submitted by IHB. This request was submitted for completeness, given that the Hydrographic Dictionary has definitions for multi-beam echo sounder, interferometric echo sounder, and echo sounder. The following new definitions were agreed by HDWG and submitted to HSSC5 for approval:

Single Beam Echo Sounder: (SBES) an ECHO SOUNDER that transmits and receives a sound pulse providing a single spot depth, as opposed to a MULTI BEAM ECHO SOUNDER.

SBES: See SINGLE BEAM ECHO SOUNDER.

Mean Sea Level: Request for revised definition submitted by TWLWG. The draft revised definition submitted by TWLWG included a large amount of technical information as to how to calculate mean sea level. HDWG agreed that including such technical detail was not appropriate for the Hydrographic Dictionary, and TWLWG is currently evaluating HDWG feedback.

Coastal Area, Coastal Waters and Coastal Zone: Request for new definitions submitted by Greece. HDWG considers that the determination of definitions for such terms is more suited to bodies associated with integrated coastal zone management (ICZM). It was agreed not to include these definitions in the Hydrographic Dictionary at this time, but to monitor the activities of organisations associated with ICZM.

Seafloor and Bathymetry: Request for revised definitions submitted by UKHO. Revision of these terms has been added to the HDWG Work Program and is projected to be completed during 2014.

Elevation, Height and Altitude: Despite discussions by HDWG since HSSC4, the HDWG have not been able to agree to any change to the definitions submitted to HSSC3 and further submission and discussion at HSSC4. The HDWG has therefore recommended that the definitions of these terms be referred back to CSPCWG and TSMAD for further discussion and agreement between these Working Groups.

Recommendations

Continued monitoring of HDWG activities by the CSPCWG is required in order to assess the impacts of new or revised terms and definitions on IHO Publications for which CSPCWG is responsible, notably S-4 and INT1.

Justification and Impacts

None.

Action required of CSPCWG

CSPCWG is invited to:

- a. Note this report.
- b. Note issues within the report of interest to CSPCWG.