



14th Meeting of the Hydrographic Services and Standards Committee

Report of the Hydrographic Dictionary Working Group

Agenda Item 05.8A



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PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

1. Since 2020, due to the impossibility of conducting regular work, the WG activities have been shared between the departing Chairman and “Susie” LYU YuXiao, the Vice-Chair lady.
2. Harmonisation of S-32 HD / IHO GI Registry through the Concept Registry Domain Control Body has been continued under the responsibility of “Susie” LYU YuXiao. To this effect, an HD/GI Registry Workshop involving the IHO, the HDWG and participants from China MSA, and Korea KHOA’s Registry team has been held in February 2022.
3. Following a Singapore initiative, a technical meeting was held on the 26th of April to discuss the introduction of the new “Hydrospatial” concept into the dictionary, the conclusion of which will be submitted to HSCC.
4. The 2-year HDWG Work Programme including a review of the current dictionary will have to be redefined to include a mechanism to update the dictionary and inform the Member States who maintain a national version.



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HDWG / GI REGISTRY WORKSHOP

This workshop discussed the workflow of IHO Hydrographic Dictionary system and requirements for the Interface between Hydrographic Dictionary System and IHO GI Registry. It is confirmed after the workshop that Korea will develop the GI Registry to be available for connecting to HD system. And China will complete the linkage between the two systems according to the development progress.



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HDWG / GI REGISTRY WORKSHOP

All new terms or modifications derived from Hydrographic Dictionary shall be registered in Concept Register in GI Registry and go through approval process conducted by Domain Control Body.

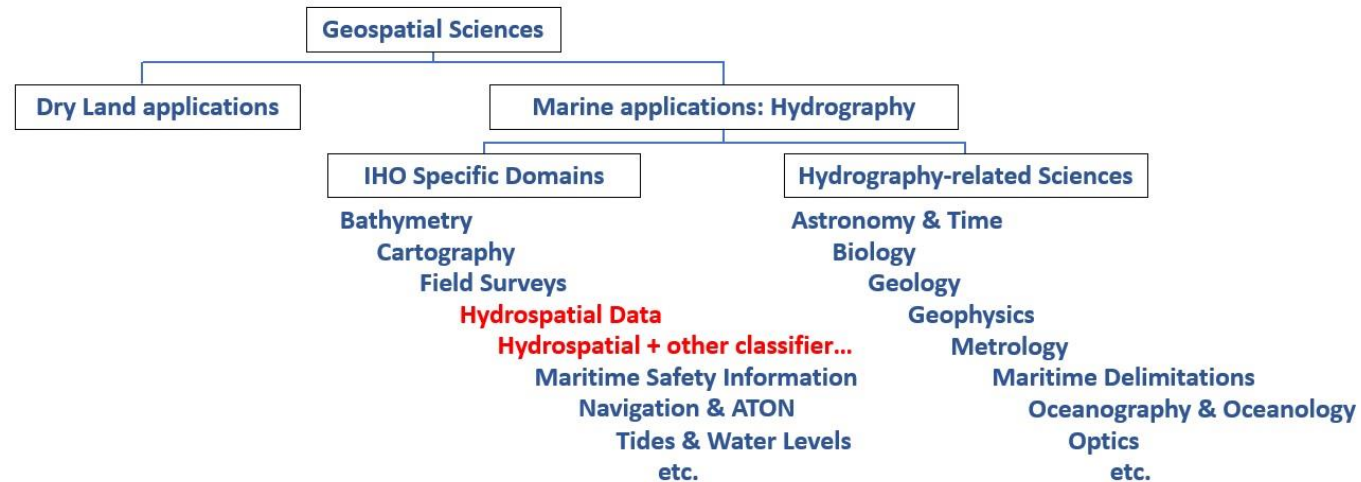
Those WGs and organizations that are not Concept Registry Submitting Organizations, when submitting new terms to the Hydrographic Dictionary, please download and use No 5 Proposal form to the Concept register and the FCB, <https://registry.iho.int/repository/list.do>.

The Update Application of Hydrographic Dictionary in Multilingual Languages (testing) developed by China MSA see <http://hdwg.nhnb.org.cn/dictionary-application>.



THE NEW “HYDROSPATIAL” CONCEPT

- The “Hydrospatial” concept has been submitted to HDWG by Dr Parry Oei, General Manager of the IHO - Singapore Innovation and Technology Laboratory, and several other stakeholders.
- A general feeling is that “Hydrospatial” could be redundant with the enlarged Hydrography concept defined presently by the IHO. However, the 26th April VTC made it clear that “Hydrospatial” is not intended to be a Hydrography superset, but is an adjective which, associated with a term, e.g. data, could define a new IHO specific domain:



- As a conclusion of the 26th April VTC, it was decided that the “Hydrospatial” advocates should undertake to develop a clear definition of the term in its Adjective form, for later consideration by the HDWG.



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PROBLEMS OR OUTSTANDING ISSUES: GUIDING PRINCIPLES

1. The HD Guiding Principles have been set as the HSSC 12/58 decision, i.e. **maintaining the Hydrographic Dictionary in its present encyclopaedic structure rather than downgrading it to a simpler glossary.** This makes the Hydrographic Dictionary, using unspecific English language as a common working tool, a unique international reference encapsulating in equal footing the World's varied cultures.
2. HDWG membership will have to be reviewed and simplified to reflect the effective Members participation and increasing Asian shift. Confirmation of participation will be sought individually from Member States by the HDWG Chair.
3. If not defined carefully, introduction of the new concept: "Hydrospatial" could bring about substantial changes to the Hydrographic Dictionary (through the setting of new precedents). Given its importance, the HDWG will likely seek the advice of HSSC15 in making a final decision as to its inclusion.

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PROBLEMS OR OUTSTANDING ISSUES: HDWG MEMBERSHIP AND REINVIGORATION

- The difficulty is to maintain interest in a Working Group that has not met for two years
- Ongoing work includes fundamentals such as initiating other national versions (Korean, Arabic)
- To resume activities, recreate a dynamics, and acknowledge the increased role played by Asia Member states, confirm a face-to-face meeting in 2022 followed by a meeting in China when the pandemic is over.

Member State	Organization	Name	E-mail (correspondence)
Argentina	Servicio de Hidrografia Naval (SHN)	The representatives have resigned	
Canada	Canadian Hydrographic Service (CHS)		
China	Marine Safety Administration (MSA)	Susie Lyu Yuxiao (HDWG vice-Chair)	38893531@qq.com
France	French National Hydrographic Office (SHOM)	Jean Laporte (HDWG Chair)	JLaporte@argans.co.uk
India	India National Hydrographic Office	Mr R J Kushwaha	ia-inho@navy.gov.in
Indonesia	Indonesian Navy Hydrographic and Oceanographic Centre (PUSHIDROSAL)	RADM Yanuar Handwiono	handwionoy@gmail.com
Italy	Istituto Idrografico della Marina (IIM)	Anna Maria Biavasco	a_biavasco@marina.difesa.it
Japan		Japan has decided to withdraw her participation	
Republic of Korea	Korea Hydrographic and Oceanographic Agency(KHOA)	Ms Aeri Yu	aeriyu@korea.kr
Republic of Korea	Korea Hydrographic and Oceanographic Agency(KHOA)	Mr Peter You	peterhak@korea.kr
Oman	Oman National Hydrographic Office (ONHO)	Juma al Busaidi	juma.albusaidi@mod.gov.om
Spain	Instituto Hidrografico de la Marina (IMN)	Juan Manzano	jmanru2@fn.mde.es
USA	National Geospatial-Intelligence Agency (NGA)	Al Armstrong	Albert.E.Armstrong@nga.mil
USA	National Geospatial-Intelligence Agency (NGA)	Will Newsham	William.A.Newsham@nga.mil
IHO	IHO Secretariat	Sam Harper (HDWG Secretary)	adso@iho.int
IHO	IHO Peru Associate Professional Officer	Cesar RODRIGUEZ	pop@iho.int
Expert Contributor	IHO Assistant Director, Database Advisor	Yong Baek	addt@iho.int
Expert Contributor	S-100 GI Registry Manager	Jeff Wootton	tsso@iho.int



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FUTURE WORK PROGRAMME 2022-2023

1. Reinvigorate the HDWG after the Covid-19 pandemic.
2. Continue harmonising the S-32 HD / IHO GI Registry
3. Pursue the S-32 review (tasks b,c,d of the ongoing work programme)
4. Liaise with other IHO working groups as appropriate.
5. Define an updating procedure in liaison with the IHO website Custodian and Database Advisor (Yong Baek).



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ACTIONS REQUESTED FROM HSSC

1. Note this report;
2. Encourage continuation of the harmonisation effort of the S-32 IHO Hydrographic Dictionary database with the IHO GI Registry through the Concept Registry Domain Control Body;
3. Support the convening of the 3rd HDWG conference in 2022 in Europe
4. Appoint the HDWG to continue its work under the current ToRs and RoPs;
5. Approve the work plan at Annex B; and
6. Invite member states to appoint new WG members and guarantee their effective participation to the HDWG workplan and future meetings.