

Information Paper for Consideration by HSSC9

Update about SCUFN Project Team for the Development of an S-100 Product Specification for Undersea Feature Names and Registering SCUFN terms in the IHO GI Registry

Submitted by:	Canada, SCUFN, UFNPT, IHO
Executive Summary:	This information paper outlines the latest membership and work plan of SCUFN's Undersea Feature Name Project Team (UFNPT)
Related Documents:	B-6, S-100, S-99 and S-57 standards, SCUFN29-06C, Report of SCUFN29, HSSC8-07.1C INF3
Related Projects:	GEBCO Technical Sub-Committee on Ocean Mapping (TSCOM) and Sub-Committee on Regional Undersea Mapping (SCRUM)

Introduction / Background

At the joint Technical Sub-Committee On Ocean Mapping (TSCOM/SCRUM) meeting that took place in December 2014, the Chair of the GEBCO Guiding Committee (GGC) proposed that GEBCO products and services should have an improved data structure for GIS web map service, and that definitions recognized by their Sub-Committee on Undersea Feature Names (SCUFN) should be included in the IHO Geographic Information (GI) Registry. The fulfillment of this proposal was to be addressed by the SCUFN's Undersea Feature Name Project Team (UFNPT). The UFNPT was approved at SCUFN29 (September 2016) and endorsed by HSSC8 (November 2016, HSSC8-07.1C INF3). On January 2017, IHO CL 07/2017 invited IHO members to participate in the UFNPT. Argentina, Australia, Canada, Italy, Korea, Portugal and China responded to this invitation. At SCUFN30 (October 2017), the UFNPT held a kick off meeting where additional member states joined the Project Team and the work plan was updated. This information paper outlines the latest UFNPT membership and the updated work plan.

Analysis/Discussion

The UFNPT has three main objectives:

- a. Consider the development of an S-100 Product Specification for Undersea Feature Names and Register SCUFN terms in the IHO GI Registry
- b. Establish procedures for the management and registration of undersea feature names approved by SCUFN and the management of proposals made to SCUFN
- c. Provide recommendations to SCUFN on the management of undersea feature names and the use of registers to record the proposals made to SCUFN and the names approved by the Sub-committee.

During SCUFN30, the SCUFN members, observers, and project team, discussed the initial steps to launch this project and direct efforts towards the achievement of the main objectives. An updated Work Plan that reflects the outcome of this dialogue, can be found in Annex 1.

The following table is a list of members of the UFNPT, as of October 2017:

Membership of SCUFN's UFNPT

Member State	Name of Delegate	email	organization
Canada (Chair)	Rowena Orok	Rowena.orok@dfo-mpo.gc.ca	CHS
Argentina	Rocio del Valle Borjas	borjas@hidro.gov.ar	SHN
Australia	Ian Halls	ian.halls@defence.gov.au	AHS
Bulgaria	Paula Oset Garcia	Paula.oset.garcia@vliz.be	Marine Regions
Canada	Anna Hendi	Anna.hendi@dfo-mpo.gc.ca	CHS
China	Xing Zhe	Xz_nmdis@163.com	NMDIS
Ecuador	Jorge Alavera Alvarado	jalavera@inocar.mil.ec	INOCAR
Italy	Anna Maria Biavasco	A_biavasco@marina.difesa.it	IIM
Italy	Alessandro Pistilli	Alessandro_pistilli@marina.difesa.it	IIM
Korea	Eunmi Chang	Emchang21@gmail.com	University of Seoul
Korea	Hak Yeol You	peterhak@korea.kr	KHOA
Mexico	Felix Frias Ibarra	Felix.frias@inegi.org.mx	INEGI
Portugal	Paula Maria de Andrade Marques Sanches	Paula.sanches@hidrografico.pt	IHPT
SCUFN Experts	Members of the SCUFN Generic Term Sub-Group: Yasuhiko Ohara Hyun-Chul Han Vaughan Stagpoole Felipe Barrios	Yasuhiko.ohara@gmail.com han@kigam.re.kr v.stagpoole@gns.cri.nz fbarrios@shoa.cl	JHOD KIGAM IGNS SHOA

Conclusions

The updated Work Plan of this group has been approved by SCUFN30. The UFNPT will continue to work closely with SCUFN experts and the Generic Terms Working Group to advance the work plan, including the completion of the test case of the current IHO Geo-Spatial Information Registry using the current UFN Data Motel (S-57) considering the current concept definitions in B6, finalize the summary report for submission and discussion at SCUFN.

Action Required of HSSC9 [Relevant HSSC WG]

The HSSC9 is invited to note the revised work plan of the SCUFN UFN PT and take any other actions that HSSC would deem necessary to advance UFNPT work plan.

SCUFN's UFNPT Work Plan

Task	Action/Work Item	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-Completed	Contact Person
	Convene the UFNPT via email correspondence to provide summary of UFNPT kick-off meeting and discuss project team task list and next steps	M			October 20, 2018	P	UFNPT (Canada)
	Prepare an information paper for HSSC-9 outlining the results of UFNPT kick-off meeting at SCUFN-30	M			October 27, 2018	C	Canada
	Evaluate the current list of UFN terms and definitions in relevant IHO publications (B6, S-32) and comparisons/analysis to date	M				O	UFNPT, Generic Terms WG
	Conduct preliminary test case of the current IHO Geo-Spatial Information Registry using the current UFN Data Motel (S-57) considering the current concept definitions in B6	H			February 2018	P	UFNPT (Canada), Generic Terms WG
	Present results of the test case to UFNPT, obtain their feedback and comments; finalize summary report on results, for submission to SCUFN	H			March 31, 2018	P	Canada, UFNPT
	Conduct preliminary testing of Beta Gazetteer in the context of potential S-100 requirements	H				P	Canada, Korea, Argentina (SCUFN lead tester)