HSSC11-07.1C

Information Paper for Consideration by HSSC11

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, Report of SCUFN30, Report of SCUFN31, 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 the IHO Geographic Information (GI) Registry. The fulfilment 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 24 January 2017, IHO CL 07/2017 invited IHO Member States (MS)to participate in the UFNPT. See Table 1 for the current list of the UFNPT members. At SCUFN30 (October 2017), the UFNPT held a kick off meeting where the work plan was discussed and updates were proposed. At SCUFN31 (November 2018), an update of work plan milestones and an updated work plan was delivered.

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. During SCUFN31, work resulting from those work objectives was presented, and an updated Work Plan was developed.

A link to the work results presentation can be found in Annex A. It shows the outcome of a test case of the attributes and requirements necessary for an UFN specification. As well, 2 special exercises in automating the discovery of UFN, have been included in the presentation, They were useful for testing which other attributes or descriptions of the UFs will be necessary to store in the new UFN standard.
The updated Work Plan can be found in Annex B.

Table 1. Members of the UFNPT, as of November, 2018

Membership of SCUFN's UFNPT			
Member State	**Name of Delegate**	**email**	**Organization**
Australia	Ian Halls	Ian.halls@defence.gov.au	AHS
Argentina	Rocio del Valle Borjas	borjas@hidro.gov.ar	SHN
Belgium	Paula Oset Garcia	Paula.oset.garcia@vliz.be	Marine Regions
Canada (chair)	Anna Hendi	Anna.hendi@dfo-mpo.gc.ca	CHS
China	Xing Zhe	Xz_nmdis@163.com	NMDIS
Italy	TBD		
Korea	Boram Jang	jangbbo89@korea.kr	KHOA
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 SCUFN31. The UFNPT will continue to work closely with SCUFN experts and the Generic Terms Working Group to advance the work plan. Following the research findings of the IHO Geo-Spatial Information Registry test case and the feedback of UFN Product Specification requirements, the UFNPT will take the steps necessary to develop an S-100 UFN Product Specification, and finalize a report for submission and discussion at SCUFN32.

Action Required of HSSC11 [Relevant HSSC WG]

The HSSC11 is invited to note the revised work plan of the SCUFN UFNPT and take any other actions that HSSC would deem necessary to advance UFNPT work plan.

Annex A

UFNPT Presentation to SCUFN31

https://www.iho.int/mtg_docs/com_wg/SCUFN/SCUFN31/Mapping%20Undersea%20Feature%20Names%20in%20S-100_final.pdf

Annex B

SCUFN's UFNPT Work Plan

Task	Action/Work Item	Priority H-high M-medium L-low	Start Date	End Date	Status P-planned O-ongoing C-Completed	Contact Person
	Explore within existing product specifications in S-100, the expansion of textual description to include - Associated Features - Reason for choice of name - Discovery facts - Survey Data information	H		January 2018	C	Canada and UFNPT
	Explore the steps necessary to develop a product specification for UFN.	H		January 2019	C	Canada
	Prepare and information paper for HSSC 11, with the status of work of the UFNPT and the work plan for the year 2019.	M		February 2017	C	Canada
	Hold a video conference call for UFNPT, to discuss if the creation of a product specification is necessary for UFN.	H		March 2019	C	Canada and UFNPT
	If necessary, hold a Face to Face meeting of the UFNPT or Online workshop, to discuss initial steps to develop the product specification.	L		June 2019	P	Canada, UFNPT and Generic Terms WG
	Re-evaluate work plan.	M		August 2019	P	Canada, UFNPT
	Prepare documentation to report progress to SCUFN	H		September 2019	P	Canada, UFNPT