

## Paper for Consideration by SCUFN

## Report of the work made during the inter-sessional period

## SCUFN Operations Web Services (OWS) Repository and IHO SCUFN Digital Archives

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|---------------------------|---|
| <b>Submitted by:</b>      | IHO Secretariat (as SCUFN Secretary)  |
| <b>Executive Summary:</b> | This document reports on the assessment of the SCUFN Digital Archives Interface which is being developed by KHOA as part of the SCUFN Operations Web Services (OWS).        |
| <b>Related Documents:</b> | Doc. SCUFN37-07.3B: Development of the SCUFN Operational Web Services (operated by KHOA) and integration with the GEBCO Gazetteer (operated by NOAA) – Submission Interface |
| <b>Related Projects:</b>  | KHOA SCUFN Operations Web Services (OWS)  |

## Introduction / Background

1. Following the SCUFN-36 meeting, held in November 2023, considering the limited resources available within its Sub-Committee, the Secretariat of the GEBCO Sub Committee on Undersea Feature Names (SCUFN) decided to contract several tasks in order to improve the content of the IHO-IOC online GEBCO Gazetteer of Undersea Feature Names (the Gazetteer) and support SCUFN activities managed by the IHO Secretariat. The following tasks were contracted to the former SCUFN Secretary.

| Tasks    | Objectives  | Outcome reported in |
|----------|---|---------------------|
| <b>1</b> | <i>Update the Gazetteer from all undersea feature naming decisions and actions taken at SCUFN-36, ensuring quality control and standardization of the documentation provided as part of the relevant proposals. Prepare a draft report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i>  | Doc. SCUFN37-07.2B  |
| <b>2</b> | <i>Monitor the list of pending names. Prepare a draft report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i>  | Doc. SCUFN37-07.2D  |
| <b>3</b> | <i>Monitor the relationships with NCEI and KHOA to maintain and/or improve the Gazetteer, as necessary and/or appropriate. As part of that work, assess the new version 5.0.0 prior to its launching during 2024. Prepare a draft status report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i>   | Doc. SCUFN37-07.1B  |
| <b>4</b> | <i>Launch, monitor and provide advice on the development by KHOA of the prototype UFN database and SCUFN Operations Web services (OWS), as well as the integration of the SCUFN OWS and the existing GEBCO Gazetteer. This will include testing the integrated system in operational mode for a couple of undersea feature names, also covering the direct online submission procedure. Prepare a draft status report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i> | Doc. SCUFN37-07.3B  |
| <b>5</b> | <i>Preload in the Gazetteer tentatively through the SCUFN OWS all undersea feature names from the proposals to be</i>   | Doc. SCUFN37-04.0A  |

|          |   |                    |
|----------|---|--------------------|
|          | <i>submitted to SCUFN-37, in advance of the meeting. In doing so, quality control and standardization of the documentation provided will be ensured. All preloaded names to be put in Edit mode. Prepare a draft status report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i>  |                    |
| <b>6</b> | <i>As a complement to Task 4, monitor the development of the SCUFN OWS Repository and the transfer of the IHO SCUFN Digital Archive, the interface to move proposals (in restricted access mode before SCUFN meetings) to the Repository after SCUFN meetings (open access and links to GEBCO Gazetteer). Prepare a draft status report as a submission document to SCUFN-37. Deadline: <b>30 April 2024.</b></i> | Doc. SCUFN37-07.3C |
| <b>7</b> | <i>Support to the outgoing Secretary during the hand-over with the incoming Secretary for a couple of training sessions. Deadline: <b>October 2024.</b></i>   |                    |

2. The objective of this submission paper is to report on Task 6.

### Analysis/Discussion

3. In 2019, the IHO decided to change the presentation of the IHO Website. This resulted in providing details on SCUFN meetings, including proposals, meeting documents and reports, from SCUFN-32 in 2019 only. However, an IHO legacy Website would temporary been kept until a lasting solution be found, in order to avoid losing all digital SCUFN documents prior to 2019. KHOA (Korea Hydrographic and Oceanographic Agency) kindly accepted to develop a SCUFN Digital Archives interface as part of the SCUFN Operational Web Services (OWS).

4. The planned SCUFN Digital Archives functionalities, as described in Doc. SCUFN35.1-07.2A Rev1, are recalled below:

- User function
  - Archive list inquiry according to the number of meetings by year
  - Search function by using meta information
  - Provide Document viewer / Download function
  - Provides shortcut function for important documents such as Report, Decision and Action, Basic Documents
- Administrator function
  - Provide function of archive management
  - Registration and modify the Document number and meta information
  - Upload/modify/delete/download file
  - Register/modify/delete attachments such as hyperlinks and photos other than document files

5. Annex A to Doc. SCUFN36-07.3C reported on a review of the SCUFN Digital Archives interface, conducted by the contractor in 2023 and suggesting a number of improvements. Some of these recommendations have been implemented by KHOA, for example the convergence of the ARCHIVE and REPOSITORY tables of name proposals. The resulting improved interface has been assessed again in 2024, in view of SCUFN-37. New comments and suggested changes to the interface are provided in [Annex A](#). It has also been noted, from SCUFN36-07.3A, that testing of the SCUFN Digital Archives was planned by KHOA in end 2024.

6. At present the name proposals are provided on the SCUFN Digital Archives interface, from SCUFN-18 (2005) onwards only. This is because all proposals which were submitted to SCUFN before 2005 are

available in paper form only, as part of the IHO archives. Building a comprehensive collection of UFN proposals on the SCUFN Digital Archives, starting from the beginning of SCUFN/SCGN, can be achieved by scanning all paper proposals contained in the IHO archives, from SCGN-1 (1975) to SCUFN-17 (2004).

### **Recommendation**

7. It is recommended that:

- a) SCUFN members and KHOA consider the comments in Annex A, with a view to improving the SCUFN Digital Archives interface and the Repository section of KHOA OWS.
- b) SCUFN members, IHO and KHOA consider section 6 and the possible creation of a complete digital collection of UFN proposals.

### **Justification and Impacts**

9. The setting up of an archive section on the KHOA SCUFN OWS will allow safeguarding all SCUFN meeting documents, including UFN proposals, which should no longer be available from the IHO Web Site in future.

### **Action required of SCUFN**

10. SCUFN is invited to:

- a. note this report
- b. consider the recommendation made in section 7.

## Annex A to SCUFN37-07.3C

### Assessing the SCUFN Digital Archives Interface on SCUFN OWS (scufn.ops-webservices.kr/archive)

Michel Huet, on behalf of Yves Guillam, SCUFN Secretary, June 2024

#### 1. SCUFN Archive - Meeting Lists

- a) To replace “SCUFN Archive” with “SCUFN Archives”
- b) To replace “Meeting Lists” with “List of Meetings”
- c) Title line. To read “Meeting” instead of “Round”
- d) SCUFN-29 line. To read “Boulder, CO, USA”
- e) SCUFN-33 line. To read “VTC” instead of “NORMAL”.
- f) SCUFN-35 lines. On the Paris line, to read “SCUFN-35.1” and “Paris, France”. On the Monaco line, to read “SCUFN-35.2” and “Monaco”.

#### 2. SCUFN Archive - Meeting Lists – Proposals / Proposal Repository

- a) At present, all generic terms are written in capital letters, for example SEAMOUNT or BANK. Only the 1<sup>st</sup> letter should be capital, like in the GEBCO Gazetteer, for example Seamount or Bank.
- b) All specific terms should be written with the 1<sup>st</sup> letter in capital and the others in lower cases (with accented characters or diacritical marks, as appropriate), like in the Gazetteer and as this is already done for the Archive list of names from SCUFN-33 onwards. This means that all specific terms from SCUFN-18 to SCUFN-32 should be changed accordingly.
- c) SCUFN-33 meeting. To read “SCUFN-33 VTC Meeting [2020]”
- d) SCUFN-34 meetings. To read “SCUFN-34 VTC01 Meeting [2021]”, “SCUFN-34 VTC02 Meeting [2021]” and “SCUFN-34 VTC03 Meeting [2021]”, respectively.
- e) SCUFN-35 meetings. To read “SCUFN-35.1 Hybrid Meeting [2022]” for the Paris meeting, and “SCUFN-35.2 Meeting [2022]” for the Monaco meeting.
- f) There should be a NEXT or PREVIOUS button to easily move to the next or previous SCUFN Meeting.

#### 3. SCUFN Archive - Meeting Lists – Documents

- a) For consistency purposes, all meetings should be presented like above, for example “SCUFN-22 Meeting [2009]” (instead of “[2009] SCUFN-22 Meeting”). Thus, SCUFN-35 meetings should appear as “SCUFN-35.1 Hybrid Meeting [2022]” and “SCUFN-35.2 Meeting [2022]”, respectively. Same for SCUFN-33 and SCUFN-34.
- b) Title at the top of the Documents List page: to read, for example, “2009 SEPT 22-26 (BREST, FRANCE)”.
- c) For SCUFN-34 VTC01, to read as title ‘2021 JAN 7 (VTC EVENT)’, not JUNE, and for SCUFN-34 VTC03, to read ‘2021 NOV 16-17 (VTC EVENT)’, not JUNE.
- d) The lists of documents for SCUFN-34 VTC01, SCUFN-34 VTC02 and SCUFN-34 VTC03 should be kept separate (and not merged as at present). Same for the lists of documents of SCUFN-35.1 and SCUFN-35.2.

#### 4. SCUFN Archive – Decisions and Actions

- a) Decisions and Actions from SCUFN-34 VTC01, SCUFN-34 VTC 02 and SCUFN-34 VTC03, as well as from SCUFN-35.1 and SCUFN-35.2, are missing.

**5. SCUFN Archives – Proposal Repository**

- a) Clicking on “Proposal Repository” should lead to similar page of that obtained via SCUFN Archive - Meeting Lists – Proposals ([scufn.ops-webservices.kr/repositoryyear/](http://scufn.ops-webservices.kr/repositoryyear/)).
- b) For SCUFN-34, the LIST OF PROPOSALS should be presented separately for SCUFN-34 VTC01, SCUFN-34 VTC02 and SCUFN-34 VTC03 (which is the case on [scufn.ops-webservices.kr/repositoryyear/](http://scufn.ops-webservices.kr/repositoryyear/)).
- c) For SCUFN-35, the LISTE OF PROPOSALS should be presented separately for SCUFN-35.1 and SCUFN-35.2 (which is the case on [scufn.ops-webservices.kr/repositoryyear/](http://scufn.ops-webservices.kr/repositoryyear/)).

**6. SCUFN Archives – Basic Documents**

- a) To read ‘List of Allowed Geometries’.