

Paper for Consideration by SCUFN

Report of the work made during the inter-sessional period

Preloading in the Gazetteer of all names from the proposals submitted to SCUFN-36

Submitted by:	IHO Secretariat (as SCUFN Secretary)
Executive Summary:	This document reports on the preloading in the Gazetteer of all undersea feature names from the proposals submitted to SCUFN-36.
Related Documents:	N/A
Related Projects:	N/A

Introduction / Background

1. Following the SCUFN-35.2 meeting in November-December 2022, 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
1	<i>Update the Gazetteer from all undersea feature naming decisions and actions taken at SCUFN-35, 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-36. Deadline: 31 August 2023.</i>	Doc. SCUFN36-07.2B
2	<i>Monitor the list of pending names. Prepare a draft report as a submission document to SCUFN-36. Deadline: 31 August 2023.</i>	Doc. SCUFN36-07.2D
3	<i>Monitor the relationships with NCEI and KHOA to maintain and/or improve the Gazetteer, as necessary and/or appropriate. Prepare a draft status report as a submission document to SCUFN-36. Deadline: 31 August 2023.</i>	Doc. SCUFN36-07.1B
4	<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-36. Deadline: 30 September 2023.</i>	Doc. SCUFN36-07.3B

Tasks	Objectives	Outcome reported in
5	<i>Preload in the Gazetteer tentatively through the SCUFN OWS all undersea feature names from the proposals to be submitted to SCUFN-36, 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-36. Deadline: 30 September 2023.</i>	Doc. SCUFN36-04.0A
6	<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). Deadline: 30 September 2023.</i>	Doc. SCUFN36-07.3C

2. The objective of this submission paper is to report on Task 5.

Analysis/Discussion

3. As would be expected, the Covid-19 pandemic had an impact on the organization of the recent SCUFN meetings, with the consequent strong limitations for SCUFN members to travel abroad. Thus, in 2021, SCUFN could only meet through three video teleconferences. The limited time available during these meetings did not allow to address the hundreds of name proposals that had been submitted and preloaded on the Gazetteer. Most of them – 427 in total - were postponed to 2022 and considered at SCUFN-35.1 (Paris, 14-18 March) and SCUFN-35.2 (Monaco, 28 Nov–2 Dec), both face-to-face meetings. This huge number of names to be reviewed in 2022 led to the decision to postpone to 2023 any new name proposals submitted since the beginning of 2022. As a result, the number of new name proposals uploaded to the Gazetteer in advance of their consideration at SCUFN-36 is again tremendous and may be summarized as follows¹:

- Australia - National University Canberra (8)
- Brazil - DHN (7)
- Canada – DFO Science (25+1=26)
- Chile - SHOA (2)
- China - CCUFN (78+40+5=123)
- Indonesia - Pushidrosal (11+33=44)
- Japan - JCUFN (11)
- Malaysia - NHC (12)
- Mexico - INAPESCA (3)
- New Zealand - NZGB (15+3=18)
- Philippines - NAMRIA (2+11+21+14+5+43+4=100)
- Portugal - EMEPC (1)
- UK - St Helena & Ascension Govt (1+1+1=3)
- USA - U of Hawai (1)
- Viet Nam - VNHO (91)

4. In total, details for 450 names have been preloaded in the Gazetteer in Edit mode. In doing so, quality control of the documentation provided has been ensured - sometimes, clarifications or additional information were required from the proposers - and name details put in a standardized way in the Gazetteer. Thus, those names that will be accepted during SCUFN-36 are almost ready for

¹ A breakdown of the number of name proposals means that they were provided in several consecutive sendings.

validation in the Gazetteer. Only ultimate changes agreed in session will need to be adjusted in the final phase.

5. During the uploading process, a number of singularities have been noted, such as possible duplicates (two different names proposed for same feature) or re-submission of names (that is, previously submitted but not accepted). Without prejudging the views of SCUFN Members in session, they have been tentatively summarized in [Annex A](#).

6. With a view to saving time during the preloading operations, it is recalled that name proposals should preferably be accompanied by shape files, and with characteristics as follows:

- WGS84 geographical coordinates *Long Lat* in signed degrees and decimal degrees, e.g. -119.707 13.928 (no UTM projection).
- Up to 50 pairs of coordinates for any geometry (polygon or line string).
- Up to 5 decimals for each coordinate, e.g. 156.20562 -36.65896.

Recommendations

It is recommended that:

7. SCUFN Members take into consideration the remarks in [Annex A](#) before reviewing the name proposals submitted to SCUFN-36.

8. SCUFN Members communicate the characteristics mentioned in section 6 to potential name proposers that they may know.

Justification and Impacts

9. The names preloaded in the Gazetteer prior to SCUFN-36 have complete and standardized details, as well as full geometries, allowing a swift validation of all names accepted by SCUFN. Further, preloading these names save considerable time to the Secretariat.

Action required of SCUFN

8. SCUFN is invited to:

- a. note this report
- b. consider the recommendations made in sections 7 and 8.

Singularities observed during the uploading process

1. Possible duplicates of name proposals

The following names, normally from different proposers, refer to same feature (or at least part of same feature):

- Banaba Seamount (NAMRIA, Philippines) and Kinabalu Seamount (NHC, Malaysia).
- Bangus Seamount (NAMRIA, Philippines) and Zhanghu Seamount (CCUFN, China).
- Dalos Hill (NAMRIA, Philippines) and Zuchongzhi Hill (CCUFN, China).
- Napintas Seamount (NAMRIA, Philippines) and Chibei Seamount (CCUFN, China).
- Sapsap Hill (NAMRIA, Philippines) and Zhangji Hill (CCUFN, China).
- Sirib Seamount (NAMRIA, Philippines) and Zhangzhongjing Seamount (CCUFN, China).
- Talakitok Seamount (NAMRIA, Philippines) and Weiyingwu Seamount (CCUFN, China).
- Tured Ridge (NAMRIA, Philippines) and Beike Seamount (CCUFN, China).
- Masinop Seamount (NAMRIA, Philippines) and Sunsimiao Seamount (CCUFN, China).
- Igat Ridges (NAMRIA, Philippines) and Gualuo Ridge (CCUFN, China).
- Mindanao Ridges (NAMRIA, Philippines) and Qinguan Seamount & Mifu Seamount (CCUFN, China).
- Tundun Seamount (NAMRIA, Philippines) and Beiyue Seamount (CCUFN, China).
- Dewata Seamount (NAMRIA, Philippines) and Nanyue Seamount (CCUFN, China).
- Bonbon Ridge (NAMRIA, Philippines) and Zhugong Ridge (CCUFN, China).
- Minolo Ridge Province (NAMRIA, Philippines) and Luyou Seamount & Fanzhongyan Seamount (CCUFN, China).
- Dapulo Seamount (NAMRIA, Philippines) and Hezhu Seamount (CCUFN, China).
- Abuyo Ridge (NAMRIA, Philippines) and Lianzhu Ridge (CCUFN, China).
- Achan Hill (NAMRIA, Philippines) and Qiuzhu Hill (CCUFN, China).
- Sapa Hill (NAMRIA, Philippines) and Jingbi Hill (CCUFN, China).
- Gabion Ridge (NAMRIA, Philippines) and Yuse Ridge (CCUFN, China).
- Puloan Hill (NAMRIA, Philippines) and Wanbi Hill (CCUFN, China).
- Nagalumyom Hill (NAMRIA, Philippines) and Chuncui Hill (CCUFN, China).
- Sandok Ridge (NAMRIA, Philippines) and Biyu Hill (CCUFN, China).
- Samtoy Ridges (NAMRIA, Philippines) and Meiyu Ridge (CCUFN, China).
- Kahabagan Seamount (NAMRIA, Philippines) and Junzheng Seamount (CCUFN, China).
- Calamianes Seamount (NAMRIA, Philippines) and Shitangbei Seamount (CCUFN, China).
- Tayag Seamount (NAMRIA, Philippines) and Lingyan Seamount (CCUFN, China).
- Poro Hill (NAMRIA, Philippines) and Yuanzhen Hill (CCUFN, China).
- Galang Seamount & Poita Guyot (NAMRIA, Philippines) and Zhenbei Seamount (CCUFN, China).
- Ragsak Ridge (NAMRIA, Philippines) and Qianyi Seamount & Wuyouxing Seamount (CCUFN, China).
- Mahipog Escarpment (NAMRIA, Philippines) and Lishizhen Ridge (CCUFN, China).
- Poita Guyot (NAMRIA, Philippines) and Zhenbei Seamount (CCUFN, China).
- Maaru-on Seamount (NAMRIA, Philippines) and Yibei Seamount (CCUFN, China).
- Maliga Ridge (NAMRIA, Philippines) and Zibei Seamount (CCUFN, China).
- Cloma Spur & Cloma Saddle (NAMRIA, Philippines) and Hupo Hill (CCUFN, China).
- Kanduli Guyot (NAMRIA, Philippines) and Haima Guyot (CCUFN, China).

- Pipa Seamount (CCUFN, China) and Nhon Lý Hills (VNHO, Viet Nam).
- Mingyue Seamount (CCUFN, China) and An Dân Seamount (VNHO, Viet Nam).
- Liushuang Hills (CCUFN, China) and Ninh Diêm Hills (VNHO, Viet Nam).
- Luoyue Hill (CCUFN, China) and Vĩnh Phương Hill (VNHO, Viet Nam).
- Jiangliu Hill (CCUFN, China) and Suối Tân Hills (VNHO, Viet Nam).
- Chengyue Seamount (CCUFN, China) and Phước Đồng Seamount (VNHO, Viet Nam).
- Jiangtian Spur (CCUFN, China) and Cam Hòa Spur & Cam Bình Hill (VNHO, Viet Nam).
- Yupei Seamount (CCUFN, China) and Cam Tân Seamount (VNHO, Viet Nam).
- Yupan Hill (CCUFN, China) and Phước Nam Hill (VNHO, Viet Nam).
- Bixi Ridge (CCUFN, China) and Xuân An Ridge (VNHO, Viet Nam).
- Jinqing Seamount (CCUFN, China) and Bình Thuận Seamount (VNHO, Viet Nam).
- Qinghe Canyon (CCUFN, China) and Lợi An Canyon (VNHO, Viet Nam).
- Zhangtong Seamount (CCUFN, China) and Phú Thuận Seamount Chain (VNHO, Viet Nam).
- Baochuan Canyons (CCUFN, China) and Sapeh Escarpment (NHC, Malaysia).
- Huanghun Seamount (CCUFN, China) and Bình Hòa Hill (VNHO, Viet Nam).
- Yumen Basin (CCUFN, China) and Hoài Mỹ Hole (VNHO, Viet Nam).
- Bình Nam Spur (VNHO, Viet Nam) and Tam Tiến Slope (also VNHO, Viet Nam).

2. Re-submission of name proposals

The following names proposed to SCUFN-36, were already submitted to SCUFN in 2018-19. They were kept PENDING, waiting for the outcome of mutual consultation between interested parties, in application of B-6 (Art. I.E). With no success. They were removed from the Gazetteer in September 2022, in accordance with Decision SCUFN33/47 (more than 2 years PENDING).

- NAMRIA, Philippines: Banaba Seamount, Bangus Seamount, Bisugo Hill (re-proposed as Seamount), Biya Hill, Calaut Hill, Culion Hill, Dalos Hill, Danggit Hill, Dorado Seamount, El Nido Seamounts, Lubang Hills, Malasugi Seamount, Napintas Seamount, Pagi Ridge, Ragsak Ridge, Sapsap Hill, Sinarapan Hill, Sirib Seamount, Talakitok Seamount, Tawilis Hill and Tured Ridge.
- NHC, Malaysia: Kinabalu Seamount

3. Submission of name proposals for features for which name proposals were previously submitted by another proposer

The following names proposed to SCUFN-36 refer to features for which name proposals were previously submitted by another proposer. They were kept PENDING, waiting for the outcome of mutual consultation between interested parties, in application of B-6 (Art. I.E). With no success. They were removed from the Gazetteer in September 2022, in accordance with Decision SCUFN33/47 (more than 2 years PENDING).

- NHC, Malaysia: Kayan Hill, for which the name zhanchuan Hill was proposed to SCUFN-29 by Guangzhou Marine Geological Survey, China.

4. Possible conflicts with existing accepted names

The following proposed names may not be compatible with approved names in the Gazetteer:

- Pilipinas Seamount Province (NAMRIA, Philippines) includes the existing Longbei Seamount, Zhongnan Seamount, Longnan Seamount, Longtou Seamount and, partly, Changlong Ridges.
- Mahmit Seamount (NAMRIA, Philippines) refers to same feature as the existing Zhangzhong Seamount.

- Mainakit Seamount (NAMRIA, Philippines) refers to same feature as the existing Xiannan Seamount.
- Maimaton Seamount (NAMRIA, Philippines) refers to same feature as the existing Lanxi Seamount.
- Katig Seamount (NAMRIA, Philippines) refers to same feature as the existing Xiaozhenzhu Seamount.
- Salakot Seamount (NAMRIA, Philippines) refers to same feature as the existing Dazhenzhu Seamount.
- Layag Seamount (NAMRIA, Philippines) refers to same feature as the existing Manao Seamount.
- Nares Seamount (NAMRIA, Philippines) refers to same feature as the existing Xiongnan Seamount.
- Pigeek Hill (NAMRIA, Philippines) refers to same feature as the existing Tagbanua Hill (also from Philippines).
- Qiangdi Seamount (CCUFN, China) & Đức Minh Seamount (VNHO, Viet Nam) refers to same feature (at least partly) as the existing Guidian Seamount (from China).
- Ledang Seamount (NHC, Malaysia) refers to same feature (at least partly) as the existing Xinghan Seamount.
- Cát Khánh Ridge (VNHO, Viet Nam) refers to same feature as the existing Zidian Spur.

5. Name proposals with generic terms not in B-6

The following proposed name(s) have generic terms not included in B-6.

- DFO Sciences, Canada: Pelly Lobe, with “Lobe” not existing in B-6 (name shown in Edit Mode as Pelly UNKNOWN in the Gazetteer, for the time being).