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**INTERGOVERNMENTAL
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**Kuala Lumpur, Malaysia
5 – 9 August 2019**

SUMMARY REPORT

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32nd SCUFN MEETING

Kuala Lumpur, Malaysia, 5 – 9 August 2019

SUMMARY REPORT

- Notes:** 1) Paragraph numbering is the same as in the agenda (Annex A)
- 2) All documents referred to in these minutes are available from the SCUFN page of the IHO website (www.iho.int > Committees & WGs > IRCC > GEBCO > SCUFN > 32nd Meeting) and are not duplicated in the report for the sake of brevity.

Annexes:

- A [Agenda and Timetable](#)
- B [List of Decisions and Actions arising from SCUFN-32](#)
- C [Statement made by Brazil](#)
- D [Statement made by Viet Nam](#)
- E [Statement made by China](#)

Note: All Decisions and Actions below lead to the Annex B (main table of Decisions and Actions) using bookmarks. When in Annex B, press **ALT+ left Arrow** on your keyboard to get back to the original section in the main part of the report.

1 Opening and Administrative Arrangements

Docs:	SCUFN32-01A	List of Documents (Secretary)
	SCUFN32-01B	List of Participants (Secretary)
	SCUFN32-01C	SCUFN Membership and Observers List (Secretary)
		<i>Introduction of upcoming SCUFN Members</i>

The 32nd meeting of the IHO-IOC GEBCO Sub-Committee on Undersea Feature Names (SCUFN) was hosted by the Royal Malaysian Navy and Petronas in Kuala Lumpur, Malaysia, from 5 to 9 August 2019.

The meeting, chaired by Dr Han from the IOC (KIGAM – Republic of Korea), was attended by 28 participants, which consisted of eleven of the 12 SCUFN members (6 IOC and 5 IHO representatives) and 17 observers, including Vice Admiral Shin Tani (Chair of the GEBCO Guiding Committee) and Mr Tetsushi Komatsu (IOC Secretariat). Assistant Director Yves Guillam (SCUFN Secretary) represented the IHO Secretariat.

The meeting was opened by Senator Liew Chin Tong, Deputy Minister of Defence (Malaysia). Sen Tong was joined by Vice Admiral Datuk Khairul Anuar bin Yahya, Deputy Chief of Royal Malaysian Navy, Rear Admiral Hanafiah bin Hassan, Chief Hydrographer of Malaysia and Ms Zuhaidah Binti Zulkifli, Senior General Manager, Governance and Strategic Relationships, Malaysia Petroleum Management (MPM), PETRONAS in opening this year's meeting. Sen Tong stressed the importance of the work of SCUFN and called for multilateralism in order to achieve progress amidst a setting of disputes and escalating interest in maritime issues, especially in Southeast Asia region. Following the opening address, students from the Shah Alam Special Vocational Education Secondary School performed traditional dances, a specially-prepared montage video¹ was shown and mementos were

¹ <https://drive.google.com/file/d/1P738YijT3s9bXqScSKWTuxFiHoysrd7y/view>

presented to the SCUFN Leadership and Members. The Chair of SCUFN thanked the host for making arrangements and also welcomed all the participants.

SCUFN Member Trent Palmer (IHO) kindly accepted to act as rapporteur while SCUFN Member Kevin Mackay (IOC) volunteered to take over this role at SCUFN33.

SCUFN Member Roberta Ivaldi (IHO) had informed the Secretariat that she could not be present at SCUFN32.

SCUFN Members were reminded by the Secretary that they should keep him informed well in advance once become aware of a need or intent to vacate their position, so that the call for vacancy can be prepared.

→ Action [SCUFN32/01](#)

The Secretary also strongly encouraged SCUFN Members to use the generic template for submission papers to SCUFN (Executive Summary, Background Information, Analysis/Discussion, Recommendations, Justification/Impact, Conclusions, Actions to be taken). Doc. [SCUFN32-07.1A](#) provides a good example.

→ Decision [SCUFN32/02](#)

2. Introduction by SCUFN Chair - Approval of Agenda – SCUFN TORs

2.1 SCUFN Chair Report (GEBCO Guidance, IOC, etc.)

Doc: SCUFN32-02.1A [SCUFN Chair Report \(Chair\) - Presentation](#)

The SCUFN Chair reported the following items:

- The GEBCO Guiding Committee (GGC35) met in Canberra, Australia in November 2018; The GGC endorsed the new SCUFN Chair and Vice-Chair, as well as the draft Ed. 4.2.0 of B-6.
- Capt Aleksandr Alekseev from the Russian Federation was selected as new SCUFN Member by the IOC.
- SCUFN must determine the optimal plan for integration of the GEBCO Gazetteer (hosted by NOAA) and the SCUFN Operations Web Services (operated by KHOA). In general terms, the GEBCO Gazetteer will serve as the gold-copy database available to all users; the SCUFN Operations Web Services is for use by the SCUFN Members, as well as serving as a backup to the GEBCO Gazetteer. This topic will be further discussed under agenda item 7.3.

2.2 Approval of Agenda

Doc: SCUFN32-02.2A [Agenda and Timetable \(Secretary\)](#)

The agenda and timetable was approved as proposed.

→ Decision [SCUFN32/03](#)

With the objective to facilitate multilateral co-operation, SCUFN Members noted that an unplanned special closed session would be arranged for representatives of the coastal States of the South China Sea during the meeting, as appropriate and in principle after the end of session on day 3. Due to the non-availability of some representatives, SCUFN Members accepted to break the plenary afternoon session of the SCUFN meeting on day 3, in favour of the special session.

2.3 SCUFN TORs and Proposed Amendments if any

Doc: SCUFN32-01D [Terms of Reference and Rules of Procedure \(Chair/Secretary\) – Proposed Amendments if any](#)

The Secretary was unaware of any proposed amendment to the TORs. However, the Secretary noted that there is a need to develop some procedures for decision-making. This topic was discussed under

agenda item 3.2. Once agreed to, and experimented, these procedures may be included in an appendix to the TORs which is quite easy to do and maintain as the TORs require approval at the GGC-level only. Once the procedures are more mature, these may be considered for inclusion in a future Edition of B-6.

→ Action [SCUFN32/04](#)

3. Matters remaining from Previous Meetings

3.1 Review of Actions from SCUFN-31 and transfer to the relevant agenda items

Doc: SCUFN32-03.1A [List of Actions from SCUFN-31 and Status](#) (Secretary)

Noting that most of the actions and decisions had been either completed or implemented, the Secretary quickly reviewed the list of pending actions from SCUFN31.

The Secretary drew the attention of SCUFN Members to some actions in the list, as follows:

SCUFN31/09 (upgrading the geometry of features in the GEBCO Gazetteer): Again, there is little progress to report but the action will be kept open as this is an important initiative. Due to the concerns raised by New Zealand at SCUFN31, some indications on “how to proceed?” were discussed and agreed.

→ Action [SCUFN32/05](#)

The Secretary encouraged the members and representatives of Member States to take note of the availability of the list of undersea feature naming authorities on the SCUFN webpage and to provide their updates, in particular if their naming boards wish to be informed prior to SCUFN meetings of proposals located in their areas of interests.

→ Action [SCUFN32/182](#)
→ Decision [SCUFN32/197](#)

It was noted that the experimental reviewing process described under action SCUFN31/215 would not be implemented this time because very few proposals to be considered at SCUFN32 were “all green” (accepted by all members).

The Secretary drew the attention of SCUFN Members and the Chair of the GGC that the successful processing of the majority of the action items and implementation of decisions into the GEBCO Gazetteer database was a tangible result of the contract awarded to Mr Michel Huet, former SCUFN Secretary, and his hard inter-sessional work.

3.2 Decision making process in SCUFN – Repository of typical cases

Doc: SCUFN32-03.2A [Follow-up on Action SCUFN30/08](#) (Ivaldi/Chair)

There was no progress report available on this action. Prof Ivaldi (not present) has been unable to advance this effort, due to national heavy workload. As this is a very important project, the action will be kept open. The Chair requested a volunteer to work with Prof Ivaldi and himself. Mr Mackay agreed to volunteer. The Secretary recommended the creation of a template. He also noted that Canada's Undersea Discovery Project (agenda item 8.2) may support in the realization of the goals of the “cook book”. New timelines were agreed to progress this action.

→ Action [SCUFN32/04](#)

4 Proposals Submitted during Intersessional Period

Note: The status of proposed undersea feature names is classified as follows:

- a. **ACCEPTED** (The proposed name, as approved, will be included in the GEBCO gazetteer.)
- b. **ADOPTED** (The proposed name is mainly located in a territorial sea and has been approved by the relevant national naming authority. It is adopted for inclusion in the GEBCO gazetteer due to its significance for GEBCO. Or the name has been proposed under the fast-track procedure.)
- c. **NOT ACCEPTED** (Both specific and generic terms are considered unsuitable. The proposed name will not be put in the reserve section of the GEBCO gazetteer. The proposer may however be invited to re-formulate his/her proposal.)
- d. **PENDING** (Either the specific term or the generic term is considered unsuitable, or further clarification is needed. The proposed name will be put in the reserve section of the GEBCO gazetteer pending the provision of additional information, e.g. supporting bathymetry or biographic information.)

The Chair provided a general review of the SCUFN Operations Web Services website used by the members to review the new proposals. The Secretary noted that the proposals are also pre-loaded on the GEBCO Gazetteer website.

As a lesson learned from the preparation phase (pre-loading on both websites) of SCUFN meetings, the Secretary drew the attention of the participants and proposers present on the technical specifications to be met for the provision of geographic coordinates in shape files.

→ Action [SCUFN32/06](#)

The Secretary also suggested to implement an important recommendation made by the GCC at its 35th meeting, which relates to the provision of undersea features associated bathymetric data to the IHO DCDB. Members agreed that it is common sense that an important named feature should also be revealed by a new version of the GEBCO bathymetric grid.

→ Action [SCUFN32/07](#)

4.1 From USA, Rutgers University

Doc: SCUFN32-04.1A Proposal (1) from USA, Rutgers University (Chair)

4.1.1 The proposal for Ballantine Hill was kept pending.

→ Action [SCUFN32/08](#)

4.2 From UK, Governor of St Helena

Doc: SCUFN32-04.2A Proposal (1) from UK, Governor of St Helena (Chair)

4.2.1 The proposal for Charlie Boar Seamount was accepted.

→ Decision [SCUFN32/09](#)

4.3 From Germany, AWI

Doc: SCUFN32-04.3A Proposal (1) from Germany, AWI (Chair)

4.3.1 The proposal for Jokat Seamount was not accepted (living person).

→ Decision [SCUFN32/10](#)

4.4 From New Zealand, New Zealand Geographic Board (NZGB)

Doc: SCUFN32-04.4A Proposals (2 + 16 fast-track) from New Zealand, NZGB (Mackay)

4.4.1 Proposal for Monowai Caldera was accepted.

→ Decision [SCUFN32/11](#)

4.4.2 Proposal for Scott Guyot was not accepted (more data required to determine feature type).

→ Decision [SCUFN32/12](#)

4.4.3 Out of 16 feature names that were considered under the fast-track procedure, 13 were adopted without any change.

→ Decisions [SCUFN32/13](#) to [SCUFN32/17](#)

→ Decisions [SCUFN32/20](#) to [SCUFN32/22](#)

→ Decisions [SCUFN32/24](#) to [SCUFN32/28](#)

4.4.4 Two feature names were modified to align with B-6 generic term Sea Valley(s) (vice Seavalley(s)).

→ Decisions [SCUFN32/18](#), [SCUFN32/23](#)

4.4.5 Katz Seamount was adopted vice Katz Guyot, as submitted by NZGB. In fact, Katz Seamount is the long-established name.

→ Decision [SCUFN32/19](#)

4.5 From Argentina, SHN

Doc: SCUFN32-04.5A Proposals (2) from Argentina, SHN (Chair)

4.5.1 Proposal for A.R.A. San Juan Canyon was accepted. It was agreed that as an exceptional case, the acronym “A.R.A.” (Armada de la República Argentina) would be retained as the feature is being named in honor of the submarine that sunk in November 2017.

→ Decision [SCUFN32/29](#)

4.5.2 Proposal for Ushuaia Canyon was accepted.

→ Decision [SCUFN32/30](#)

4.6 From Brazil, DHN

Doc: SCUFN32-04.6A Proposals (11 + 4 fast-track) from Brazil, DHN (Sampaio)

4.6.1 Out of 11 proposals, nine were accepted without any change or major comment.

→ Decisions [SCUFN32/31](#) to [SCUFN32/37](#),

→ Decisions [SCUFN32/40](#), [SCUFN32/41](#)

4.6.2 Fernando de Almeida Seamount was accepted but pending confirmation on the least-depth information (received prior to end of meeting).

→ Decision [SCUFN32/38](#)

4.6.3 Gama Crucis Seamount was accepted with a spelling correction to the specific term.

→ Decision [SCUFN32/39](#)

4.6.4 Three of the four features considered under the fast-track procedure were adopted.

→ Decisions [SCUFN32/42](#) to [SCUFN32/44](#)

4.6.5 The geometry of the fast-track feature Strakhov / Four North Fracture Zone was adopted, with the specific term kept as Strakhov.

→ Decision [SCUFN32/45](#)

4.7 From Philippines, NAMRIA

Doc: SCUFN32-04.7A Proposals (33 + 4 revised) from Philippines, NAMRIA (Bringas)

4.7.1 Thirty-seven proposals were submitted by NAMRIA, four of these were first considered at SCUFN 31 but kept as pending, awaiting modification of polygons.

The modifications of the polygons defining Bicol Slope and Narra Spur were agreed. It was determined that the polygon for East Luzon Trough did not require modification. In addition, NAMRIA requested that Molave Gap (approved at SCUFN 31) be reconsidered as Molave Saddle. This was not accepted.

→ Decisions [SCUFN32/46](#) to [SCUFN32/49](#)

4.7.2 11 new proposals were accepted as submitted.

→ Decisions [SCUFN32/50](#) to [SCUFN32/54](#)

→ Decisions [SCUFN32/56](#) to [SCUFN32/59](#)

→ Decisions [SCUFN32/61](#), [SCUFN32/62](#)

4.7.3 Ipil Seamount was accepted as Ipil Hill.

→ Decision [SCUFN32/55](#)

4.7.4 Antipolo Hill was accepted but requires polygon modification.

→ Decision&Action [SCUFN32/60](#)

4.7.5 For the remaining twenty proposals, from Proposals # C01 (Ragsak Ridge) to # C20 (El Nido Seamounts) with reference made to Doc. SCUFN32-04.7A, SCUFN decided that mutual consultation between interested parties was required.

Following a statement made by the representative of Philippines when reviewing the draft list of actions and decisions on day 4, a vote by SCUFN Members to possibly revoke the decision about the twenty proposals was deemed necessary. The outcome of this vote was to stick to the initial decision. These proposals were finally kept as pending.

→ Decision [SCUFN32/63](#)

4.8 From Japan, Japanese Committee on Undersea Feature Names (JCUFN)

Doc: SCUFN32-04.8A Proposals (47 + 5 existing features polygon definitions) from Japan, JCUFN (Ohara)

4.8.1 Out of 47 proposals, 28 were accepted without any change.

→ Decisions [SCUFN32/64](#) to [SCUFN32/66](#)

→ Decisions [SCUFN32/71](#) to [SCUFN32/76](#)

→ Decisions [SCUFN32/85](#), [SCUFN32/86](#)

→ Decisions [SCUFN32/88](#) to [SCUFN32/92](#)

→ Decisions [SCUFN32/96](#) to [SCUFN32/101](#)

→ Decisions [SCUFN32/103](#) to [SCUFN32/105](#)

→ Decisions [SCUFN32/112](#), [SCUFN32/114](#), [SCUFN32/115](#)

4.8.2 Thirteen proposals were accepted with some modifications to be made to the polygon around the feature.

→ Decisions&Actions [SCUFN32/67](#) to [SCUFN32/69](#)

[SCUFN32/78](#), [SCUFN32/81](#) to [SCUFN32/84](#)

[SCUFN32/87](#), [SCUFN32/94](#), [SCUFN32/95](#), [SCUFN32/111](#), [SCUFN32/113](#)

4.8.3 Five proposals were accepted with a change to the generic term, and eventually some modifications to be made to the polygon around the feature.

→ Decisions&Actions [SCUFN32/70](#), [SCUFN32/77](#)

[SCUFN32/79](#), [SCUFN32/80](#), [SCUFN32/93](#)

4.8.4 Shoyo Ridge was kept as pending.

→ Decision [SCUFN32/102](#)

4.8.6 Five existing GEBCO Gazetteer feature names had polygon definitions accepted.

→ Decisions&Actions [SCUFN32/106](#) to [SCUFN32/110](#)

Due to the fact that many of these names have been established in academic and scientific papers as well as appearing on Japanese charts, there was a discussion about accepting established names despite concern about the conformance to the standards established in B-6. It was agreed that for the purposes of the “cook book”, names that have existed for 25 years or more should generally be accepted. However, the committee maintains the right to make changes to elements that are manifestly improper.

4.9 Jointly from Japan (JCUFN) and USA (ACUF)

Doc: SCUFN32-04.9A Joint Proposals (9) from Japan (JCUFN) and USA (ACUF) (Ohara/Palmer)

4.9.1 Out of nine proposals, seven were accepted without any change.

→ Decisions [SCUFN32/116](#), [SCUFN32/117](#)

→ Decisions [SCUFN32/119](#), [SCUFN32/120](#)

→ Decisions [SCUFN32/122](#) to [SCUFN32/124](#)

4.9.2 Two proposals were accepted with some modifications to be made to the polygon around the feature.

→ Decisions&Actions [SCUFN32/118](#), [SCUFN32/121](#)

4.9.3 The Secretary expressed appreciation for the cooperative effort to submit these joint proposals and encouraged similar multilateral efforts to continue.

4.10 From the Republic of Korea, KHOA

Doc: SCUFN32-04.10A Proposals (3) from ROK, KHOA (Chair)

4.10.1 Two proposals were accepted without any change.

→ Decisions [SCUFN32/125](#), [SCUFN32/127](#)

4.10.2 One proposal was kept as pending. More data (gravity profiles or backscatter images) was requested. Alternatively, a new proposal could be submitted for a larger area.

→ Decision & Action [SCUFN32/126](#)

4.10.3 As a result of the discussion, the suggestion was made for the “cook book” (see agenda item 3.2) to include examples of acceptable evidence for features that have a genetic implication.

→ Action [SCUFN32/04](#)

4.11 From the Republic of Palau

Doc: SCUFN32-04.11A Proposals (11) from the Republic of Palau (Chair)

4.11.1 All 11 proposals were accepted without change and with minor comments.

→ Decisions [SCUFN32/128](#) to [SCUFN32/138](#)

4.11.2 Next time, it was recommend that Palau should justify the “grouping” of specific terms by providing an index map showing the associated features.

4.12 From China, CCUFN

Doc: SCUFN32-04.12A Proposals (35) from China, CCUFN (Li)

4.12.1 Of the 35 proposals, 16 were accepted without change.

- Decisions [SCUFN32/140](#) to [SCUFN32/143](#)
- Decisions [SCUFN32/144](#), [SCUFN32/145](#)
- Decisions [SCUFN32/147](#), [SCUFN32/148](#)
- Decisions [SCUFN32/152](#), [SCUFN32/156](#)
- Decisions [SCUFN32/159](#), [SCUFN32/164](#)
- Decisions [SCUFN32/167](#), [SCUFN32/171](#) to [SCUFN32/173](#)

4.12.2 One of these accepted names is Jixia Hill. Therefore, the current “pending” Jixia Hill already recorded in the GEBCO Gazetteer database needs to be withdrawn.

- Decision&Action [SCUFN32/143](#)

4.12.3 Two proposals were accepted with some modifications to be made to the polygon around the feature.

- Decisions&Actions [SCUFN32/139](#), [SCUFN32/166](#)

4.12.4 Six proposals were accepted with a change to the generic term.

- Decisions [SCUFN32/154](#), [SCUFN32/155](#), [SCUFN32/163](#)
[SCUFN32/165](#), [SCUFN32/168](#), [SCUFN32/169](#)

4.12.5 Eight proposals were accepted with some modifications to be made to the polygon around the feature as well as a change to the generic term.

- Decisions&Actions [SCUFN32/146](#), [SCUFN32/149](#) to [SCUFN32/151](#)
[SCUFN32/153](#), [SCUFN32/157](#), [SCUFN32/158](#), [SCUFN32/170](#)

4.12.6 Three proposals were not accepted. The proposer was encouraged to resubmit for features in vicinity of the first four features in this group.

- Decisions&Actions [SCUFN32/160](#) to [SCUFN32/162](#)

4.12.7 For future proposals, SCUFN requires that CCUFN provide small and medium-scale maps as well.

- Action [SCUFN32/173](#)

4.13 From Malaysia, NHC

Doc: SCUFN32-04.13A Proposals (1 re-submission + 1) from Malaysia, NHC (Said)

One SCUFN Member made an objection to review the proposals from Malaysia as they had been submitted after the deadline. The Secretary took note of the objection but indicated that the inclusion in the agenda was at the appreciation of the Chair, in particular when proposals are limited to a couple of names only and submitted by the host country of the meeting. In addition it was agreed that the agenda had been approved on day 1.

4.13.1 The Proposal for Kinabalu Seamount is kept as pending. Mutual consultation between interested parties should occur prior to possible joint proposal at the next meeting.

→ Decision [SCUFN32/174](#)

4.13.2 It was noted by SCUFN Member Sihai Li that the undersea feature name proposal (Bidayuh Hills) is located in the disputed waters of the South China Sea. He cited SCUFN TOR and ROP 2.10 and indicated that the Sub-Committee should not consider undersea feature name proposals that are politically sensitive, and objected to reviewing this proposal.

This comment was noted on day 3, SCUFN decided by vote not to consider the proposal for Bidayuh Hills in accordance with SCUFN ROP 2.10.

Subsequently, during the review of the draft list of decisions and actions on day 4, following a statement made by another SCUFN Member, SCUFN Members decided to revote by secret ballot on this case, and as an outcome agreed to reconsider the decision above. The outcome was that SCUFN reviewed the proposal. The proposal was then accepted with a change in the generic term to 'Hill'.

→ Decision [SCUFN32/175](#)

5. Liaison with Other Geographical Name Bodies

5.1 Advisory Committee on Undersea Features (ACUF) of the U.S. Board on Geographic Names

Doc: SCUFN32-05.1A [Report of ACUF Activities](#) (Palmer)

Mr Palmer presented a summary of the ACUF report, covering the period since SCUFN31. ACUF has enjoyed a longstanding, close relationship with SCUFN. ACUF has a new Secretary who hopes to be able to engage with SCUFN as an Observer in future meetings. The database and dissemination site for the geographic names database used by ACUF will be undergoing a modernization expected to take approximately two years to complete. Mr. Palmer took an action to submit a requirement that the new data model be S-100 compliant.

→ Actions [SCUFN32/176](#), [SCUFN32/177](#)

5.2 Undersea Names Committee of the New Zealand Geographic Board (NZGB)

Doc: SCUFN32-05.2A [Report of the NZGB Undersea Names Committee](#) (Mackay)

No report was submitted under this agenda item.

5.3 Activities of Marine Regions of interest to SCUFN

Doc: SCUFN32-05.3A [Activities of Marine Regions of interest to SCUFN](#) (Lonneville) - [Presentation](#)

Ms Lonneville provided a presentation on the work of Marine Regions, highlighting its efforts to harmonize data from the GEBCO Gazetteer and other data sets. Most recently the Canadian undersea feature names data has been ingested. The report provided several lists of issues that were shared to be resolved. Marine Regions reported that there are now over 10,000 undersea feature names in its database. The improvements to the data quality of the GEBCO Gazetteer as a result of Marine Regions' analyses were greatly appreciated.

A concern was expressed that there are multiple sets of standard undersea feature names and the risk that different names will be accepted for the same feature. As a result of this discussion, it was agreed that the SCUFN Operation Web Services will include Marine Regions data.

→ Actions [SCUFN32/178](#) to [SCUFN32/181](#)

5.4 United Nations Group of Experts on Geographical Names (UNGEGN)

Doc: SCUFN32-05.4A [Report from UNGEGN](#) – Information: [UNGE GN Information Bulletin No. 56](#) (Palmer/Secretary)

SCUFN32-05.4B [List of Naming Authorities](#) (Secretary)

Mr Palmer presented a brief report on the activities of the UNGEGN. Mr Palmer serves as liaison between UNGEGN and the IHO. UNGEGN is effecting operational changes. The first session of the “new” UNGEGN was held 29 March – 3 April 2019 in New York. The Secretary called attention to the List of Naming Authorities on the UNGEGN website and a new SCUFN document prepared to assist proposers in contacting relevant national names authorities. This document is posted on the IHO website www.iho.int > Committees&WGs > IRCC > GEBCO > SCUFN > Miscellaneous > List of... Naming Authorities. SCUFN Members were encouraged to ensure that the information was current and correct for their respective country.

→ Action [SCUFN32/182](#)

6. Standardization of Undersea Feature Names: IHO-IOC Publication B-6

Doc: SCUFN32-06.1A [Report and Proposals from the Generic Term Sub Group on definitions of RIDGE, SEAMOUNT, CANYON vs VALLEY providing more geometric criteria](#) - Follow-up SCUFN32/135 - (Sub group)

SCUFN32-06.1B [Report and Proposals from the Generic Term Sub Group on a general strategy and possible guidelines defining the optimal horizontal resolution between UFN](#) - Follow-up [SCUFN32/08](#) - (Ohara/Sub group)

SCUFN32-06.2A [Report on the approval process of Edition 4.2.0 of Publication B-6](#) (Secretary)

The Vice Chair presented an overview and final recommendations of the Generic Term Sub Group on several questions about generic terms as defined in B-6.

1. A new definition for 'RIDGE': “An elongated elevation of varying complexity and size, generally having steep sides.” The Secretary will include this in B-6 v.4.2. In a subsequent discussion, a ratio (1:3) was determined to be a good, general rule of thumb for evaluation of the qualifications for a 'RIDGE'.
2. No change in the definition for 'ESCARPMENT'.
3. No amendments to the definitions of either 'CANYON' or 'VALLEY'.
4. No change to the definition of 'SEAMOUNT'. Guidance on elongated seamounts should be captured in the “cook book”.

→ Decision&Action [SCUFN32/183](#)

The Vice-Chair presented a report of the Generic Term Sub Group proposing a general strategy to define the optimal horizontal resolution for features to be considered by SCUFN. The recommendation of the report was the following: “the areal size of an undersea feature should generally be identified on a map scale of 1:1,000,000 and/or a map generated with a 15 arc-second grid bathymetric data. When proposing a minor undersea feature that does not meet this criterion, the proposer should explain the reason why they want to name it. The reasoning may include that the proposed feature is (1) an important landmark for geological and/or geophysical and/or biological phenomena, (2) an important landmark for sampling point such as a dredge point, and/or (3) an important landmark for description of geology and/or geophysics of the area, etc.” The presentation led to a discussion about the constraints the recommendation places on the work of the committee in this age of variable resolution bathymetry and digital data. The Secretary recommended more specific guidelines and a robust strategy. Mr Mackay volunteered to work with Slater to develop a strategy. It must be determined if guidance will be included in the “cook book” (internal to SCUFN) and/or B-6, once better clarified. The Chair of the GCC commented that this is a critical issue that speaks to the purpose of SCUFN. The Secretary recommends that the GGC provides guidance to the committee on this subject if possible. No immediate changes will be effected until after GGC36 (November 2019).

→ Action [SCUFN32/184](#)

The Secretary reported on the approval status of edition 4.2.0 of Publication B-6. The GGC endorsed

the new edition at its meeting in November 2018 and the IRCC agreed to the changes in its June 2019 meeting. The draft new edition has been circulated to IHO Member States via IHO Circular. The voting deadline is 15 September, but early voting has been encouraged. The Secretary reviewed some of the comments that have been received thus far, notably from Canada and New Zealand, as well as Japan and Brazil.

→ Action [SCUFN32/185](#)

7. Gazetteer of Undersea Feature Names

7.1 Maintenance of the on-line interface to GEBCO Gazetteer database

Doc: SCUFN32-07.1A [Summary of issues related to the on-line GEBCO Gazetteer](#) (Secretary)
SCUFN32-07.1B [Report by NOAA/NCEI on maintenance issues](#) (Secretary) - [Presentation](#)

A report from NOAA on GEBCO Gazetteer maintenance issues was submitted. Mr Chris Slater, NOAA, presented an overview of the report. Implemented changes were detailed as well as the plans for future improvements. Notably, there will be a database upgrade this fall. A test server site that incorporates the future changes is available for the SCUFN Members to use. The wish-list for the GEBCO Gazetteer may continue to be used to suggest improvements. Discussions between NOAA, Marine Regions and KHOA have occurred during SCUFN32 to clarify the technical path forward on the integration and roles of the two information technology systems (see agenda item 7.3).

→ Actions [SCUFN32/186](#), [SCUFN32/187](#)

7.2 Maintenance of the GEBCO Gazetteer database (including PENDING names)

Docs: SCUFN32-07.2A *Follow-up Action SCUFN30/121 – Proposals by SCUFN Members (10 features/year/Member) to upgrade the quality of the geometry of existing major undersea features (All)*
SCUFN32-07.2B [Report of the work made during the intersessional period](#) (Secretary)
SCUFN32-07.2C [Proposal to better deal with pending names](#) (Ohara)
SCUFN32-07.2D [Monitoring the list of pending names](#) (Secretary)

The Members were reminded that they are still encouraged to examine the features in the GEBCO Gazetteer that require correction (former Action SCUFN30/121). Very little improvement has occurred in the past year. The members were reminded that the work could be submitted to the Secretary (e.g. an e-mail message with an attached shape file). Despite the lack of progress thus far it was generally believed to be an important activity and the action would be kept open.

→ Action [SCUFN32/05](#)

The SCUFN Secretary noted the status report of the GEBCO Gazetteer database and on the outcomes of the maintenance of this database during the intersession. The Secretary noted that actions should be assigned to specific members vice “all SCUFN members” in an attempt to enforce more accountability. The Chair, Vice-Chair and Mr Kimeli agreed to try to examine the existing GEBCO Gazetteer anomalies as reported by Marine Regions (found in Annex B of SCUFN32.07.2B).

→ Action [SCUFN32/189](#)

In SCUFN32.07.2C the Vice-Chair presented a proposal on how to better address the inventory of pending names to the GEBCO Gazetteer. A new rule was proposed in which a pending name would be kept for two years and then eliminated after that time if no progress has been made. Relatedly, the Secretary presented a report on monitoring the list of pending names. The report recommends that the SCUFN Members review the current list of pending names at Annex B of the report (SCUFN 32.07.2D) and determine the best way forward for each name, including agreeing on deadlines for completion or removing from the list. The Members discussed the constraints that a two-year deadline might place on many nations to effectively resolve the issues that result in the pending status. A decision will be recorded that “in general” two years will be the desired time limit, but evidence of positive response

will allow the pending status to be extended. This guidance will be included in the “cook book”.

→ Decision [SCUFN32/188](#)

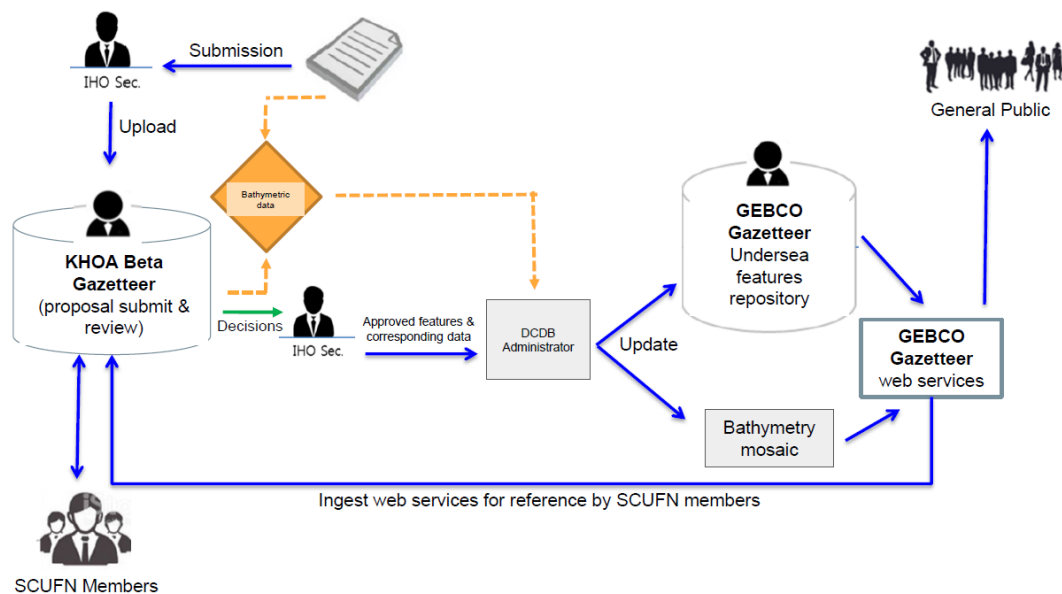
7.3 Interoperability and Prototyping

Doc: SCUFN32-07.3A [Development of the integration of SCUFN Operational Services \(operated by KHOA\) and the GEBCO Gazetteer \(operated by NOAA\) \(Chair/NOAA’s Rep. / ROK Rep./Secretary\) - Presentation](#)

The SCUFN Secretary presented the global situation on existing SCUFN web services and the general strategy and principles developed since SCUFN31, to improve it.

SCUFN thanked the NOAA representative for the major enhancements made recently in the GEBCO Gazetteer as well as KHOA representatives for the development of the integration of different SCUFN web services. The general principles of this integration, depicted in the diagram below, were agreed and the full integration aiming to avoid duplication and make the whole process much more efficient, is expected within two years.

→ Decision [SCUFN32/190](#)



Mr Peter You, KHOA, presented a report on the KHOA support activities for the SCUFN Operational Web Services (OWS, the new name for the KHOA Beta-Gazetteer). He summarized recent improvements, currently available functions and future plans.

Annex A of the report presents the integration plan. With the development of the broader range of functionality of the OWS, in the future, the GEBCO Gazetteer site will no longer be used for pre-loading of proposals in the lead-up to SCUFN meeting. The Secretary confirmed that this was acceptable to the SCUFN Members. A decision must be made about the disposition of proposals post-meeting. Currently, all past proposals are available on the IHO SCUFN website.

As the transition to expanded use of the OWS occurs there must be an experimental phase of the using of the system for the submission of proposals. It was suggested that in addition to JCUFN and KCUFN, perhaps NZGB and CCUFN could also participate in this testing.

The Secretary stressed that a transition plan must be developed that clearly identifies the requirements for commissioning the OWS for full-use.

→ Actions [SCUFN32/191](#) to [SCUFN32/193](#)

8. Undersea Feature Names Project Team (UFNPT)

8.1 UFNPT Report and Road-map

Doc: SCUFN32-08.1A [Report on the Undersea Feature Names Project Team, Chairmanship – Tasks, Work Items, Deliverables](#) (Hendi) - [Presentation](#)

Ms Anna Hendi (Canada), Acting UFNPT Chair, presented a progress report (by video-teleconference the quality of which was not sufficient to capture the essence of it) on the work of the UFNPT. The focus of the group is on the generic terms definition as presented in B-6 and how best to include this information in a geospatial standard. The choice is either to consider further expansion of the UFN standard S-101 or to develop a new product specification. The project team has not met since SCUFN31, but has completed actions assigned to it by the HSSC. The Secretary strongly encouraged the team to hold a meeting prior to SCUFN33 so that additional progress may be possible.

→ Action [SCUFN32/194](#)

8.2 Undersea Feature Discovery Project

Doc: SCUFN32-08.2A [Report on the project](#) (Hendi and others) - [Presentation](#)

Results of work on automated undersea feature discovery were reported by Canada. Thus far, methodologies for five feature types (ABYSSAL PLAIN, BASIN, GUYOT, SEAMOUNT, and SHELF) have been developed. The team reported on the results of three case studies examining ABYSSAL PLAINS and SEA CHANNELS and evaluating the detection methods. Three recommendations were made to SCUFN:

- standardize commonly-used descriptive terms
- standardize the use of modal verb in definitions
- encourage SCUFN Members to engage with feature discovery team to provide expert input into the research

9. Any Other Business

9.1 Letter from Christian Smoot

Doc: SCUFN32-09.1A [Letter from Mr Smoot](#)

A letter from Mr Christian Smoot (USA) was discussed. Mr Smoot inquired about the accuracy of some of the anecdotal information in the GEBSCO Gazetteer. Some incorrect information has been identified but other issues require further research. The Vice-Chair and Mr Palmer will follow-up and provide the Secretary with responses to Mr. Smoot's questions.

→ Action [SCUFN32/195](#)

9.2 Statement by Brazil

The observer from Brazil read a statement requiring consent or undersea feature name proposals for features located in the EEZ and extended continental shelf of Brazil.

→ Decision and Action [SCUFN32/196](#), [SCUFN32/197](#)

9.3 Romanization of Japanese Names (use of hyphen, word segmentation)

Doc: SCUFN32-09.3A [Presentation](#)

SCUFN noted the information provided by SCUFN Member Trent Palmer, on behalf of ACUF.

→ Action [SCUFN32/198](#)

9.4 Statement by Viet Nam

SCUFN noted the statement about the South China Sea made by Viet Nam.

→ Decision [SCUFN32/199](#)

9.5 Statement by China

SCUFN noted the statement made by SCUFN Member Sihai Li, on behalf of China.

→ Decision [SCUFN32/200](#)

10. SCUFN Programme of Work – Review of the draft List of Decisions and Actions

10.1 SCUFN Programme of Work and Draft List of Decisions and Actions from SCUFN32

Doc: SCUFN32-10.1A [Draft SCUFN Programme of Work 2020-21 to be submitted to GEBCO Guiding Committee](#) (Secretary)

The SCUFN Secretary reported on the draft programme of work 2020-21 for SCUFN activities. The draft list of decisions and actions was reviewed with all participants present.

→ Decisions&Actions [SCUFN32/201](#) to [SCUFN32/203](#)

10.2 Update on the Seabed 2030 Project

Doc: SCUFN32-10.2A [Update on the Seabed 2030 Project – Action SCUFN31/212](#) (Mackay)

Dr Mackay provided an update on the Seabed 2030 Project, highlighting progress since the last meeting. He noted the tie-in with the declaration of the United Nations Decade of Ocean Science for Sustainable Development. The project's strategy may be succinctly summed up by the words “share” (existing data and regional mapping initiatives) and “optimize” (data collection opportunities).

→ Action [SCUFN32/204](#)

11. Dates and Venues for the Next Meetings

On behalf of the Argentina Hydrographic Service, SCUFN Member Lic Walter Reynoso expressed an offer for SCUFN33 to be held 9-13 November 2020 in Buenos Aires, Argentina, pending confirmation of the dates.

→ Decision [SCUFN32/205](#)

12. Conclusion

The Chair, Dr Han, thanked the hosts for their great hospitality and hard work in making the arrangements for the meeting. A day tour will be held the next day for SCUFN32 participants who are able to attend.

32nd SCUFN MEETING
Convention Centre (KLCC), Kuala Lumpur, Malaysia, 5-9 August 2019

DRAFT AGENDA and TIMETABLE
(version 18 June 2019)

- Notes: 1) Registration from **0830**, Meeting to start at **0900** at the Kuala Lumpur Convention Centre (KLCC) on **Monday 5 August**.
- 2) Names of prospective presenters of papers are given in parenthesis.
- 3) If agreed by SCUFN Members, an experimentation will be conducted to review the naming proposals in accordance with Decision/Action SCUFN31/215 (First 10 “green” per proposer, then next 10 green of the second proposer and continue. Chronological list of proposers, as given in the timetable below).

Insert agenda and timetable here

DECISIONS and ACTIONS FROM SCUFN-32

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
	1	Opening and Administrative Arrangements	
SCUFN32/01		SCUFN Members anticipating that they will step down from their position in the next years to keep the SCUFN Secretary informed well in advance so call for vacancy can be prepared accordingly.	Permanent
SCUFN32/02		SCUFN Members and Member States to use the generic template for submission papers to SCUFN (Executive Summary, Introduction/Background Information, Analysis/Discussion, Recommendations, Justification/Impact, Conclusions if needed, Actions to be taken by SCUFN). See Doc. SCUFN32-07.1A as example)	Decision
	2	Introduction by SCUFN Chair – SCUFN ROPs - Approval of Agenda	
SCUFN32/03		SCUFN approved the agenda and timetable	Decision
	3	Matters remaining from Previous Meetings	
	3.1	Review of Actions from SCUFN-31 and transfer to the relevant agenda items	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
<p>SCUFN32/04 (former SCUFN 31/07/ SCUFN30/08 and SCUFN29/13)</p>		<p>Ivaldi/Mackay/SCUFN Chair to pursue the creation of a repository of typical cases (“cook book”) aiming to help for the consistency of the decision making process within SCUFN, according to the presentation given at SCUFN31</p> <p>Subgroup to define the list of content of the repository of typical cases</p> <p>Approval by SCUFN Members</p> <p>List of typical cases as known and template to solve them (title, example, decision made, recommendation)</p> <p>Approval by SCUFN Members and then submission draft «repository» to SCUFN33</p>	<p>Dec 2019</p> <p>Feb 2020</p> <p>Jun 2020</p> <p>Aug 2020</p>
<p>SCUFN32/05 (Former SCUFN31/09, SCUFN30/121)</p>		<p>SCUFN Members to consider the possibility of upgrading the quality of the geometry of existing major undersea features of the GEBCO Gazetteer during intersessional period (10 features/year/member).</p> <p>[<u>How to proceed?</u> Identify features in your domain and/or geographical area of expertise, make concise proposal on the geometry and provide evidence and supporting documents if available, and corresponding shape files to the Secretary for being quickly reviewed at SCUFN meeting.</p> <p>Compilation to be reported at every SCUFN meeting for decision then implementation by Secretary]</p>	<p>SCUFN33</p>
	<p>4</p>	<p>Proposals Submitted during Intersessional Period</p>	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/06		<p>SCUFN Members and SCUFN Secretary should remind Proposers that naming proposals be accompanied by shape files, with characteristics as follows:</p> <ul style="list-style-type: none"> • 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. 	Permanent
SCUFN32/07		In his report to Proposers on the outcome of SCUFN32, Secretary to request that Proposers consider the possibility of releasing their "ACCEPTED" UFN associated bathymetric data to the IHO DCDB ² , by October 2019 so it can be incorporated in the March 2020 release of the updated GEBCO grid.	Permanent By end of October 2019
	4.1	From USA, Rutgers University	
SCUFN32/08		Proposal for Ballantine Hill is kept as PENDING, additional 2D and 3D profiles around the DTM to be requested by Secretary . Then, decision by correspondence.	September 2019, then Decision by Nov 2019
	4.2	From UK, Governor of St Helena, Ascension Tristan da Cunha	
SCUFN32/09		Proposal for Charlie Boar Seamount is ACCEPTED.	
	4.3	From Germany, AWI	
SCUFN32/10		Proposal for Jokat Seamount is NOT ACCEPTED.	
	4.4	From New Zealand, NZGB	
SCUFN32/11		Proposal for Monowai Caldera is ACCEPTED.	
SCUFN32/12		Proposal for Scott Guyot is NOT ACCEPTED.	
SCUFN32/13		Fast-track Proposal for Aiguilles Canyon is ADOPTED.	
SCUFN32/14		Fast-track Proposal for Barrier Bank is ADOPTED.	

² How to contribute? See <https://www.ngdc.noaa.gov/iho/>

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/15		Fast-track Proposal for Barrier Ridge is ADOPTED.	
SCUFN32/16		Fast-track Proposal for Brodie Seamount is ADOPTED.	
SCUFN32/17		Fast-track Proposal for Fiordland Trench is ADOPTED.	
SCUFN32/18		Fast-track Proposal for Kāretu Seavalleys is ADOPTED with the generic term changed to [Sea Valleys]. Comment to be added in the additional information " <i>also written Seavalleys on charts</i> ".	
SCUFN32/19		Fast-track Proposal for Katz [Guyot] is ADOPTED with the generic term changed to Seamount.	
SCUFN32/20		Fast-track Proposal for Matheson Bank is ADOPTED.	
SCUFN32/21		Fast-track Proposal for North Bounty Channel is ADOPTED.	
SCUFN32/22		Fast-track Proposal for Pantin Bank is ADOPTED.	
SCUFN32/23		Fast-track Proposal for Rakaia [Seavalley] is ADOPTED with the generic term changed to [Sea Valley]. Comment to be added in the additional information " <i>also written Seavalley on charts</i> "	
SCUFN32/24		Fast-track Proposal for Rapuhia Scarp is ADOPTED.	
SCUFN32/25		Fast-track Proposal for South Bounty Channel is ADOPTED.	
SCUFN32/26		Fast-track Proposal for Taranaki Terrace is ADOPTED.	
SCUFN32/27		Fast-track Proposal for Te Kapu Bank is ADOPTED.	
SCUFN32/28		Fast-track Proposal for Whenuanui papa Plain is ADOPTED.	
	4.5	From Argentina, Servicio de Hidrografía Naval	
SCUFN32/29		Proposal for A.R.A. San Juan Canyon is ACCEPTED.	
SCUFN32/30		Proposal for Ushuaia Seamount is ACCEPTED.	
	4.6	From Brazil, DHN	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/31		Proposal for Alpha Crucis Seamount is ACCEPTED.	
SCUFN32/32		Proposal for Beta Crucis Seamount is ACCEPTED.	
SCUFN32/33		Proposal for Bosisio Basin is ACCEPTED.	
SCUFN32/34		Proposal for Caboclo Basin is ACCEPTED.	
SCUFN32/35		Proposal for Constituição Basin is ACCEPTED.	
SCUFN32/36		Proposal for Delta Crucis Seamount is ACCEPTED.	
SCUFN32/37		Proposal for Epsilon Crucis Seamount is ACCEPTED.	
SCUFN32/38		Proposal for Fernando de Almeida Seamount is ACCEPTED with additional information to include again minimum depth and that it is Chart INT 2113.	
SCUFN32/39		Proposal for [Gama] Crucis Seamount is ACCEPTED with the specific term changed to [Gamma].	
SCUFN32/40		Proposal for Griep Seamount is ACCEPTED with death date changed to 31 Jan 2019.	
SCUFN32/41		Proposal for Vital de Oliveira Hill is ACCEPTED. Secretary to modify Vital-de-Oliveira to Vital de Oliveira on the IHO SCUFN website.	
SCUFN32/42		Fast-track Proposal for Drina Shoal is ADOPTED.	
SCUFN32/43		Fast-track Proposal for Fernando de Noronha Fracture Zone is ADOPTED.	
SCUFN32/44		Fast-track Proposal for Charcot Fracture Zone is ADOPTED.	
SCUFN32/45		The geometry of the Fast-track Proposal for Strakhov / Four North Fracture Zone is ADOPTED, with the specific term kept as Strakhov only and comment in Additional Information " <i>also known as Fourth North Fracture Zone (due to ...parallel 4° N)</i> " .	
	4.7	From Philippines, NAMRIA	
SCUFN32/46		Proposal for Bicol Slope is ACCEPTED as decided at SCUFN31.	
SCUFN32/47		Proposal for Molave [Saddle] Gap is ACCEPTED as decided at SCUFN31.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/48		Proposal for East Luzon Trough is ACCEPTED as decided at SCUFN31.	
SCUFN32/49		Proposal for Narra Spur is ACCEPTED as decided at SCUFN31.	
SCUFN32/50		Proposal for Palanan Seamount is ACCEPTED.	
SCUFN32/51		Proposal for Bayog Seamount is ACCEPTED.	
SCUFN32/52		Proposal for Narig Seamount is ACCEPTED.	
SCUFN32/53		Proposal for Malabatino Hill is ACCEPTED.	
SCUFN32/54		Proposal for Palosapis Hill is ACCEPTED.	
SCUFN32/55		Proposal for Ipil [Seamount] is ACCEPTED with the generic term changed to Hill.	
SCUFN32/56		Proposal for Toog Seamount is ACCEPTED.	
SCUFN32/57		Proposal for Akle Seamount is ACCEPTED with a change of the total relief according to the minimum/max depth.	
SCUFN32/58		Proposal for Anubing Hill is ACCEPTED.	
SCUFN32/59		Proposal for Mangkono Seamount is ACCEPTED.	
SCUFN32/60		Proposal for Antipolo Hill is ACCEPTED with a slight modification of the polygon.	
SCUFN32/61		Proposal for Amugis Hill is ACCEPTED.	
SCUFN32/62		Proposal for Pili Ridge is ACCEPTED.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/63		<p>On Wednesday 7 August, the twenty Proposals # C01 (Ragsak Ridge) to # C20 (El Nido Seamounts) submitted in Doc SCUFN32-04.7A) were POSTPONED as SCUFN decided that mutual consultation between interested parties was needed.</p> <p>During the review of the draft list of decisions and actions on Thursday 8 August, following a statement made by Philippines' representative, SCUFN Members voted by secret ballot and decided to stick to the decision made the day before, with a slight change in the wording of the decision.</p> <p>Subsequently, the twenty Proposals # C01 (Ragsak Ridge) to # C20 (El Nido Seamounts) submitted in Doc SCUFN32-04.7A) are kept as PENDING, waiting for the outcome of mutual consultation between interested parties.</p>	<p>Decision</p> <p>Decision</p> <p>Decision</p>
	4.8	From Japan, JCUFN	
SCUFN32/64		Proposal for Shosho Seamount is ACCEPTED.	
SCUFN32/65		Proposal for Taisho Seamount is ACCEPTED.	
SCUFN32/66		Proposal for Minami-Io-To Spur is ACCEPTED.	
SCUFN32/67		Proposal for Naka-Hiyoshi Knoll is ACCEPTED with a modification of the polygon.	
SCUFN32/68		Proposal for Ko-Hiyoshi Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/69		Proposal for Hiyoshi Basin is ACCEPTED with a modification of the polygon.	
SCUFN32/70		Proposal for Usui [Seamount] is ACCEPTED with the generic term changed to Guyot with a modification of the polygon.	
SCUFN32/71		Proposal for Takasu Knoll is ACCEPTED.	
SCUFN32/72		Proposal for Hanami Seamount is ACCEPTED.	
SCUFN32/73		Proposal for Kita-Shunbun Seamount is ACCEPTED.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/74		Proposal for Shunbun Seamount is ACCEPTED.	
SCUFN32/75		Proposal for Boshu Seamount is ACCEPTED.	
SCUFN32/76		Proposal for Shanichi Seamount is ACCEPTED.	
SCUFN32/77		Proposal for Shanichi [Knoll] is ACCEPTED with the generic term changed as Hill.	
SCUFN32/78		Proposal for Tanabata Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/79		Proposal for Higan [Seamount] is ACCEPTED with the generic term changed as Guyot with a modification of the polygon.	
SCUFN32/80		Proposal for Hakuro [Seamount] is ACCEPTED with the generic term changed as Guyot with a modification of the polygon.	
SCUFN32/81		Proposal for Soko Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/82		Proposal for Tsukimi Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/83		Proposal for Ritto Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/84		Proposal for Taisetsu Seamount is ACCEPTED with a slight modification of the polygon on the eastern part.	
SCUFN32/85		Proposal for Shosetsu Seamount is ACCEPTED.	
SCUFN32/86		Proposal for Koshogatsu Seamount is ACCEPTED.	
SCUFN32/87		Proposal for Yabui Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/88		Proposal for Shogatsu Seamount is ACCEPTED.	
SCUFN32/89		Proposal for Toji Seamount is ACCEPTED.	
SCUFN32/90		Proposal for Daikan Seamount is ACCEPTED.	
SCUFN32/91		Proposal for Shokan Seamount is ACCEPTED.	
SCUFN32/92		Proposal for Toki Seamount Chain is ACCEPTED.	
SCUFN32/93		Proposal for Shichigosan [Knoll] is ACCEPTED with the generic term changed to Hill.	
SCUFN32/94		Proposal for Tango Seamount is ACCEPTED with a modification of the polygon.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/95		Proposal for Geshi Seamount is ACCEPTED. with a modification of the polygon	
SCUFN32/96		Proposal for Nikko Basin is ACCEPTED.	
SCUFN32/97		Proposal for Nihyakutoka Hill is ACCEPTED.	
SCUFN32/98		Proposal for Rikka Seamount is ACCEPTED.	
SCUFN32/99		Proposal for Risshu Seamount is ACCEPTED.	
SCUFN32/100		Proposal for Ichiyo Seamount is ACCEPTED.	
SCUFN32/101		Proposal for Minami-Sanpuku Seamount is ACCEPTED.	
SCUFN32/102		Proposal for Shoyo Ridge is kept as PENDING, generic term (and may be specific term) to be reconsidered.	
SCUFN32/103		Proposal for Hangesho Seamount is ACCEPTED.	
SCUFN32/104		Proposal for Nyubai Seamount is ACCEPTED.	
SCUFN32/105		Proposal for Raijin Basin is ACCEPTED.	
SCUFN32/106		New definition of polygon for Takasu Seamount is ACCEPTED.	
SCUFN32/107		New definition of polygon for Kita-Hiyoshi Seamount is ACCEPTED.	
SCUFN32/108		New definition of polygon for Minami-Hiyoshi Seamount is ACCEPTED.	
SCUFN32/109		New definition of polygon for Sanpuku Seamount is ACCEPTED.	
SCUFN32/110		New definition of polygon for Shoyo Seamount is ACCEPTED.	
SCUFN32/111		Proposal for Kogamo Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/112		Proposal for Hachikuma Seamount is ACCEPTED.	
SCUFN32/113		Proposal for Sashiba Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/114		Proposal for Tsumi Seamounts is ACCEPTED.	
SCUFN32/115		Proposal for Ebisugai Seamount is ACCEPTED.	
	4.9	From Japan and USA, JCUFN and ACUF	
SCUFN32/116		Proposal for Sakuyama Seamount is ACCEPTED.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/117		Proposal for Fukuyama Seamount is ACCEPTED.	
SCUFN32/118		Proposal for Arrhenius Seamount is ACCEPTED with a slight modification of the polygon.	
SCUFN32/119		Proposal for Shipek Seamounts is ACCEPTED.	
SCUFN32/120		Proposal for Isaacs Guyot is ACCEPTED.	
SCUFN32/121		Proposal for Belknap Guyot is ACCEPTED with a slight modification of the polygon.	
SCUFN32/122		Proposal for Thomson Seamounts is ACCEPTED.	
SCUFN32/123		Proposal for Tuscarora Seamount is ACCEPTED.	
SCUFN32/124		Proposal for Ammen Seamount is ACCEPTED.	
	4.10	From the Republic of Korea, KHOA	
SCUFN32/125		Proposal for Dolgae Hill is ACCEPTED.	
SCUFN32/126		Proposal for Isabu Caldera is kept as PENDING waiting for KCGN , either to submit geological/geophysical evidences (gravity profiles or backscattering data), or to resubmit a new proposal encompassing the full feature.	SCUFN33
SCUFN32/127		Proposal for Saenarae Ridge is ACCEPTED.	
	4.11	From the Republic of Palau	
SCUFN32/128		Proposal for Bang Basin is ACCEPTED. Next time, Palau should justify the “grouping” of specific term by providing an index map showing the associated features.	
SCUFN32/129		Proposal for Such Knoll is ACCEPTED.	
SCUFN32/130		Proposal for Kerdeu Knoll is ACCEPTED.	
SCUFN32/131		Proposal for Deroech Ridge is ACCEPTED.	
SCUFN32/132		Proposal for Bedaoch Ridge is ACCEPTED.	
SCUFN32/133		Proposal for Chesuch Ridge is ACCEPTED.	
SCUFN32/134		Proposal for Bedel Hill is ACCEPTED.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/135		Proposal for Cheluu Hill is ACCEPTED (minor correction in the title of the tree name figure to be made in the associated proposal).	
SCUFN32/136		Proposal for Chebouch Hill is ACCEPTED.	
SCUFN32/137		Proposal for Btaches Hill is ACCEPTED.	
SCUFN32/138		Proposal for Kidel Hill is ACCEPTED.	
	4.12	From China, CCUFN	
SCUFN32/139		Proposal for Jinli Seamount is ACCEPTED with the polygon to be reduced in the SE part.	
SCUFN32/140		Proposal for Ganxiang Hill is ACCEPTED.	
SCUFN32/141		Proposal for Yingshi Hill is ACCEPTED.	
SCUFN32/142		Proposal for Mingtiao Ridge is ACCEPTED.	
SCUFN32/143		Proposal for Jixia Hill is ACCEPTED and the current PENDING Jixia Hill in the GEBCO Gazetteer to be withdrawn.	
SCUFN32/144		Proposal for Lanqiu Seamount is ACCEPTED.	
SCUFN32/145		Proposal for Jiayue Seamount is ACCEPTED.	
SCUFN32/146		Proposal for Bingyue [Seamount] is ACCEPTED with the generic term to be changed to [Hill] with a modification of the polygon.	
SCUFN32/147		Proposal for Tiankui Hill is ACCEPTED. Secretary to replace Seamount by Hill for the file name on the SCUFN32 webpage.	
SCUFN32/148		Proposal for Tianyue Hill is ACCEPTED. Secretary to replace Seamount by Hill for the file name on the SCUFN32 webpage.	
SCUFN32/149		Proposal for Wenchang [Seamount] is ACCEPTED with the generic term to be changed to [Hill] with a modification of the polygon.	
SCUFN32/150		Proposal for Wenqu [Seamount] is ACCEPTED with the generic term to be changed to [Hill] with a modification of the polygon.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/151		Proposal for Youbi [Seamount] is ACCEPTED with the generic term to be changed to [Hill] with a modification of the polygon.	
SCUFN32/152		Proposal for Zuofu Seamount is ACCEPTED.	
SCUFN32/153		Proposal for Wenpi [Hill] is ACCEPTED with the generic term to be changed to [Knoll] with a modification of the polygon in the North.	
SCUFN32/154		Proposal for Xiantao [Hill] is ACCEPTED with the generic term to be changed to [Knoll].	
SCUFN32/155		Proposal for Yuhu [Hill] is ACCEPTED with the generic term to be changed to [Knoll].	
SCUFN32/156		Proposal for Tianchang Knoll is ACCEPTED.	
SCUFN32/157		Proposal for Tianxian [Hill] is ACCEPTED with the generic term to be changed to [Knoll] with a modification of the polygon.	
SCUFN32/158		Proposal for Tianqing [Hill] is ACCEPTED with the generic term to be changed to [Knoll] with a modification of the polygon.	
SCUFN32/159		Proposal for Tianyu Knoll is ACCEPTED.	
SCUFN32/160		Proposal for Tianshou Hill is NOT ACCEPTED.	
SCUFN32/161		Proposal for Tianyang Hill is NOT ACCEPTED.	
SCUFN32/162		Proposal for Tianrong Hill is NOT ACCEPTED. New Group Feature Names (but not the Princess' one) to be submitted for these last 3 features (Tianshou, Tianyang, Tianrong) next year if desired. Note that they qualify as Knolls not Hill.	SCUFN33
SCUFN32/163		Proposal for Baiyao [Hill] ACCEPTED with the generic term to be changed to [Knoll].	
SCUFN32/164		Proposal for Baihou Seamount is ACCEPTED.	
SCUFN32/165		Proposal for Banyao [Hill] is ACCEPTED with the generic term to be changed to [Knoll].	
SCUFN32/166		Proposal for Yanhei Seamount is ACCEPTED with a modification of the polygon.	
SCUFN32/167		Proposal for Huilan Hills is ACCEPTED.	
SCUFN32/168		Proposal for Hechi [Hills] is ACCEPTED with the generic term to be changed to [Knolls].	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/169		Proposal for Qiqiu [Depression] is ACCEPTED with the generic term to be changed to [Basin].	
SCUFN32/170		Proposal for Sanbao [Seamount] is ACCEPTED with the generic term to be changed to [Hill] and modification of the polygon. Secretary to upload the proposal on the SCUFN32 webpage.	
SCUFN32/171		Proposal for Zhenzhu Canyons is ACCEPTED.	
SCUFN32/172		Proposal for Biyu Canyons is ACCEPTED.	
SCUFN32/173		Proposal for Changcheng Seamount is ACCEPTED. For future proposals, SCUFN recommends that CCUFN provides small and medium-scale maps as well.	
	4.13	From Malaysia	
SCUFN32/174		Proposal for Kinabalu Seamount is kept as PENDING. Mutual consultation between interested parties prior to possible joint proposal at the next meeting.	SCUFN33
SCUFN32/175		On Wednesday 7 August, SCUFN Members decided by secret ballot not to consider Proposal for Bidayuh Hills iaw SCUFN ROP 2.10. Subsequently, during the review of the draft list of decisions and actions on Thursday 8 August, following a statement made by one SCUFN Member, SCUFN Members decided to revote by secret ballot on this case, and as an outcome agreed to reconsider the decision above, and reviewed the proposal. Then, Proposal for Bidayuh [Hills] is ACCEPTED with the generic term changed to [Hill].	Decision Decision Decision
	5	Liaison with Other Geographical Name Bodies	
	5.1	Advisory Committee on Undersea Features (ACUF) of the US Board on Geographical Names.	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/176		Palmer to provide email address of Mr Bobby Jovanovski (new selected ACUF Secretary ACUF, to SCUFN Secretary so he can be invited as Observer to SCUFN meetings.	Complete
SCUFN32/177		ACUF to consider the possibility of aligning the modernization of ACUF database model with the developments in progress within SCUFN under the S-100 framework (UFN PT and KHOA) and the upgrades made by NOAA on the GEBCO Gazetteer.	SCUFN33
	5.2	Undersea Names Committee of the New Zealand Geographic Board (NZGB)	
		<i>Left blank intentionally</i>	
	5.3	Activities of Marine Regions of interest to SCUFN	
SCUFN32/178		Marine Regions to investigate the possibility of liaising with EMODnet to amend (if it is the case) the source of information for Undersea Feature Names in the European Atlas of the Seas, from NGA (ACUF) to Marine Regions/GEBCO Gazetteer of UFN.	End of August 2019
SCUFN32/179		KHOA to consider the possibility of implementing the automated duplication check of submitted proposals against the Marine Regions UFN database, into scufn.ops-webservices.kr.	SCUFN33
SCUFN32/180		Marine Regions to consider the possibility of using the last Edition (2019?) of the GEBCO bathymetric grid.	SCUFN33
SCUFN32/181		Marine Regions to consider the possibility of providing SCUFN Secretary with the list of possible issues (anomalies, discrepancies...) once a year (February) for quality assurance purposes.	Permanent
	5.4	United Nations Group of Experts on Geographical Names (UNGEGN)	
SCUFN32/182 (former SCUFN31/203)		SCUFN Members and Observers , to update the List of Naming Authorities which is now available on www.iho.int > ...> SCUFN > Miscellaneous.	Permanent (Update received from Brazil).
	6	Standardization of Undersea Feature Names: IHO-IOC Publication B-6	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
		Report and Proposals from the Generic Term Sub Group on definitions (Sub group)	
SCUFN32/183	6.1A	<p>SCUFN approved the new definition for RIDGE as proposed in Doc. SCUFN32-06.1A, and agreed that no amendments were necessary for the definitions of CANYON, VALLEY and SEAMOUNT.</p> <p>When reporting on the outcome of IHO CL 34/2019, SCUFN Secretary to amend the definition of RIDGE in B-6 Ed. 4.2.0 before publication.</p>	<p>Decision</p> <p>September 2019</p>
SCUFN32/184 (Former SCUFN31/08, SCUFN30/106)	6.1B	<p>Based on the objectives of Seabed 2030, considering the initial proposal made in Doc. SCUFN32-06.1B, considering the existing display rules of the GEBCO Gazetteer, SCUFN Generic Term Sub-group (Vice-Chair, Chair, Mackay, Palmer, Ivaldi), this task led by Mackay, to prepare a version 1 of a general strategy and possible guidelines defining the optimal horizontal resolution between undersea features that are eligible for naming. (Aim: clutter reduction, inflation, consistency of naming with associated features, better management, scale-dependent feature naming and display rules, etc.)</p> <p>SCUFN Generic Term Sub-group to draft a subsequent proposal to amend the SCUFN TORs as appropriate (Printed IBC Charts at 1:1 000 000 versus GIS and modern technologies, role of SCUFN) if appropriate.</p> <p>SCUFN Chair to report on this strategic issue at the next GGC meeting and seek for some guidance on this matter.</p>	<p>SCUFN33</p> <p>SCUFN33</p> <p>GGC36</p>
		Progress report on the preparation of the draft new Edition of Publication B-6 (Secretary) – Submission to GGC XXXV (See. Doc.GGC35-5- 1.1)	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/185	6.2	<p>SCUFN Secretary to report to SCUFN Members, Cc IOC, when the IHO Circular Letter on the outcome of the approval process of Ed. 4.2.0 of B-6 is issued (IHO CL 34/2019 refers).</p> <p>SCUFN Chair to report to GGC on the availability of new Ed. 4.2.0 of B-6 including last amendments.</p>	<p>October 2019</p> <p>GGC36</p>
	7	Gazetteer of Undersea Feature Names	
	7.1A&B	Maintenance of the on-line interface to GEBCO Gazetteer database.	
SCUFN32/186		<p>SCUFN Members to report to the Secretary if some items/issues need to be added/changed/deleted in the wish-list of improvements of the GEBCO Gazetteer (See Doc. SCUFN32-07.1A)</p>	Dec. 2019
SCUFN32/187		<p>SCUFN Members to test the SCUFN32-07.1A improvements made to date and notify the Secretary Cc Chris Slater, Jennifer Jencks (NOAA) of any issues.</p> <p>https://ccog.colorado.edu/gazetteer</p>	September 2019
	7.2	Maintenance of the GEBCO Gazetteer database (including PENDING names)	
SCUFN32/188		In general, a pending name would remain pending in the absence of any progress or notification of interest, for the following two years, and then would be eliminated from the reserve section of GEBCO Gazetteer. This guidance should be included in the “cook book.	Decision
SCUFN32/189		Chair/Vice-Chair/Kimeli to examine the list of issues reported in Annex B of Doc. SCUFN32-07.2B Rev1, and try to fix them.	January 2020
	7.3	Interoperability and Prototyping	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/190		<p>SCUFN Members approved the general strategy proposed in Doc. SCUFN32-07.3A on the development of the integration of SCUFN Operations Web Services (operated by KHOA) and the GEBCO Gazetteer (operated by NOAA).</p> <p>This includes the progressive discontinuation of the upload of submission proposals on the IHO SCUFN webpage.</p>	Decision
SCUFN32/191 (former SCUFN31/208)		<p>KHOA to develop a transition plan (tasks - what, who, when?, including continuity of services offered to current users of the GEBCO Gazetteer, liaison with NOAA) preparing to the commissioning of the Beta-Gazetteer (target date 2021-22) and to submit it to SCUFN at the next meeting for further consideration.</p> <p>This should include the identification of critical tasks to be undertaken and the go – no go criteria before the official commissioning and the amendments to be made to B-6 / Proposal Form.</p>	SCUFN33
SCUFN32/192		<p>JCUFN/NZGB/CCUFN/KCUFN/IHO Secretary to test <u>in operational mode</u>, the integrated system developed scuf.ops-webservices.kr by KHOA (submission/review...), for a couple of undersea feature names prior to the next meeting and report on the lessons learned.</p>	SCUFN33
SCUFN32/193		<p>KHOA to consider the possibility of implementing https protocol to the SCUFN Operations Web Services.</p>	SCUFN33
	8	Undersea Feature Names Project Team (UFNPT)	
	8.1	UFNPT Report and Road-map.	
SCUFN32/194		<p>Hendi (Chair UFN PT) and Ohara (as Generic Term Sub-Group Chair) to plan a specific meeting: main topic improvement of the definitions for discovery project.</p>	By March 2020
	9	Any Other Business	
	9.1	Letter from Mr Christian Smoot	

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/195		Vice-Chair/Palmer to provide Secretary with proposals and recommendations and set of actions to update the GEBCO Gazetteer for Castor Guyot and then be in a position to respond to Mr C. Smoot	End of September 2019
	9.2	Statement by Brazil	
SCUFN32/196		SCUFN noted the statement made by Brazil	Decision
SCUFN32/197		law B-6 Ed. 4.2.0 (Appendix B, Section 2 in particular) – under the approval process -, SCUFN agreed to include Brazil in the list of Coastal States willing to be informed and consulted on naming proposals in their areas of jurisdiction.	Completed
	9.3	Romanization of Japanese Names (use of hyphen, word segmentation)	
SCUFN32/198		SCUFN noted the information provided by SCUFN Member Trent Palmer on behalf of ACUF.	
	9.4	Statement by Viet Nam	
SCUFN32/199		SCUFN noted the statement made by Viet Nam for the South China Sea.	Decision
	9.5	Statement by China	
SCUFN32/200		SCUFN noted the statement made by SCUFN Member Sihai Li, on behalf of China.	Decision
	10	SCUFN Programme of Work – Review of the draft List of Decisions and Actions	
	10.1	SCUFN Programme of Work and Draft List of Decisions and Actions from SCUFN32	
SCUFN32/201		SCUFN endorsed the draft SCUFN Work Plan 2020-21 to be submitted to GGC36 for approval.	Decision
SCUFN32/202		SCUFN agreed that the objective target for the publication of the final report of SCUFN32 is 11 Nov. 2019 . Before this date, the whole draft list of decisions and actions has to be considered as “Restricted to SCUFN Members only”. However, specific outcome can be reported to Proposers on request.	Decision

Decision/ Action	Agenda Item	Details	Status & Comments (Aug 2019)
SCUFN32/203		Periodic status report on this list of decisions and actions, to be requested/distributed by the Secretary on 30 Dec. 2019, 30 March 2020, and 30 June 2020.	
	10.2	GEBCO Seabed 2030 Project	
SCUFN32/204 (Former SCUFN31/212)		Mackay to maintain liaison with the GEBCO Seabed 2030 Project for SCUFN matters and report at SCUFN meetings on the actions to be considered as part of the SCUFN programme of work, as appropriate.	Permanent
	11	Dates and Venues for the Next Meetings	
SCUFN32/205		SCUFN welcomed the offer made by Argentina for hosting SCUFN33 in Buenos Aires (Tentative dates: 9 – 13 November 2020).	Dates to be confirmed by October 2019

**32nd SCUFN MEETING
Convention Centre (KLCC), Kuala Lumpur, Malaysia, 5-9 August 2019**

**Statement by the Representative of Brazil as Observer
to the 32nd SCUFN Meeting**

I would like to present the Brazilian Government position regarding undersea feature names proposals located in the Brazilian Economic Exclusive Zone (EEZ) and Extended Continental Shelf.

Firstly, I would like to highlight that all the Brazilian Partials Revised Submissions have already been deposited with the United Nations Secretary General. These submissions are related to the Southern Region, Equatorial Margin and Oriental and Meridional Margins.

All the Submissions are available on:

https://www.un.org/Depts/los/clcs_new/commission_submissions.htm.

Considering that article 246, Part XIII of UNCLOS, establishes that marine scientific research in the EEZ and on the Continental Shelf shall be conducted with the consent of the coastal State, Brazil understands that proposal names of undersea features in these regions should also be subject to previous consent of the Coastal State.

**32nd SCUFN MEETING
Convention Centre (KLCC), Kuala Lumpur, Malaysia, 5-9 August 2019**

**Statement by the Representative of Viet Nam as Observer
to the 32nd SCUFN Meeting**

First of all, on behalf of Vietnam delegation to the 32nd SCUFN Meeting held in Kuala Lumpur, Malaysia, we would like to express our sincere gratitude for SCUFN and Malaysian host for giving us an excellent chance to participate in the SCUFN Meeting.

Since it has been a first time for Vietnam to attend the Meeting, we benefit a lot from the discussion and exchange of view which would assist us much in the work relating to the task and function of the SCUFN.

Vietnam is of the view that, under the relevant rules and regulation adopted by SCUFN, naming undersea features shall not confer upon any sovereignty and jurisdiction rights to states which submit the naming proposals.

Vietnam highly appreciates the attention that SCUFN given to the proposals made in relation to the East Sea (South China Sea) and kindly calls the SCUFN member to take into consideration all aspects of the East Sea' issues (South China Sea) in rendering its decision so as the legitimate rights and interests of coastal states over their continental shelf and exclusive economic zone established in conformity with 1982 UNCLOS are respected and safeguarded. Therefore, Vietnam kindly proposes that the priority to name undersea features shall be given to coastal states. Vietnam also kindly requests that SCUFN and other states should not use any decision rendered by SCUFN as pretext of to prevent other states from exercising its rights to name undersea features in their continental shelf and exclusive economic zone.

**32nd SCUFN MEETING
Convention Centre (KLCC), Kuala Lumpur, Malaysia, 5-9 August 2019**

Statement by SCUFN Member Sihai Li, on behalf of China

China has sovereignty over Nanhai Zhudao (the South China Sea Islands) and territorial sea, contiguous zone, exclusive economic zone and continental shelf based on Nanhai Zhudao (the South China Sea Islands) as well as historic rights in the South China Sea.

Any member state or organization must consult with China before submitting proposals related to China's sovereignty, maritime rights and interests in the South China Sea to SCUFN.