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| **INTERNATIONAL**  **HYDROGRAPHIC**  **ORGANIZATION** | **INTERGOVERNMENTAL**  **OCEANOGRAPHIC**  **COMMISSION (of UNESCO)** |

**SCUFN-36**

**Wollongong, Australia**

**6 - 10 November 2023**

**SUMMARY REPORT**

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**36th SCUFN MEETING**

**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*](http://www.iho.int/) *> Committees & WGs > IRCC > GEBCO > SCUFN > 36th Meeting) and are not duplicated in the report for the sake of brevity.*

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

***Annexes****:*

*A* [*Agenda and Timetable*](#AnnexA)

*B* [*List of Registered Participants*](#AnnexB)

*C* [*List of Decisions and Actions arising from SCUFN-36*](#AnnexC)

***Reference****:*

##### *A* [*Decisions Criteria to be used in Naming Proposals Reviews*](file:///D:\uploads\user\Inter-Regional%20Coordination\GEBCO\SCUFN\MISC\Decisions%20Criteria%20to%20be%20used%20in%20Naming%20Proposals%20Reviews.pdf) *(*[*link*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Decisions%20Criteria%20to%20be%20used%20in%20Naming%20Proposals%20Reviews.pdf)*)*

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**1. Welcome Address (AHO Executive Director) – Opening and Introduction (SCUFN Chair)**

*Docs: SCUFN36-01A List of Documents (Secretary)*

*SCUFN36-01B List of Participants (Secretary)*

*SCUFN36-01C SCUFN Membership and Observers List (Secretary)*

*Introduction of incoming SCUFN Members*

The 36th meeting of the IHO-IOC GEBCO Sub-Committee on Undersea Feature Names (SCUFN) was hosted by the Australian Hydrographic Office (AHO) in Wollongong, Australia, from 6 to 10 November 2023.

The meeting was chaired by Dr Yasuhiko Ohara [IHO representative] from the Hydrographic and Oceanographic Department of Japan (JHOD, Japan), as Acting Chair since December 2022 when the former Chair stepped down from his position due to other commitments. The meeting was attended by 45 participants, which consisted of the 12 SCUFN Members, plus representatives of nine Member States (Australia, [Canada][[1]](#footnote-1), China, Greece, Indonesia, Japan, Malaysia, the Philippines, the Republic of Korea (ROK) and Viet Nam) and subject matter experts (Marine Regions, NOAA (USA), ACUF (USA), KHOA and KOSBI (ROK), Geoscience Australia and BGS[[2]](#footnote-2)). Assistant Director Yves Guillam (SCUFN Secretary) represented the IHO Secretariat. The list of registered participants is provided in Annex B[[3]](#footnote-3).

Ms Hilary Thompson, Executive Director of the AHO, in her welcome and opening address, introduced the HydroScheme Industry Partnership Program (HIPP) led by the AHO. She also recalled the *HMS Challenger* Expedition held from 1872 to 1876, the objectives of which were to explore the physical, chemical, and biological characteristics of the deep sea and its potential for humankind. She concluded her speech with the interesting history of the naming of Australia. A special traditional indigenous “smoking ceremony” with music (didgeridoo) was arranged by members of the Illawarra Aboriginal Corporation, to welcome the participants to their “Dharawal”/ Wollongong country.

** Decision** [**SCUFN36/01/01**](#SCUFN360101)

The Chair and the SCUFN Secretary provided a briefing on the objectives of the meeting, highlighted important rules of procedure, and explained how naming proposals are assessed with their specific and generic terms “flagged” (red, yellow, green) in advance of plenary sessions by SCUFN Members, using the “scufnreview” tools (<https://scufn.ops-webservices.kr/>). The Chair also kindly summarized the outcome of the closed session exclusively for SCUFN Members which was arranged the afternoon before the opening, in preparation for the official plenary sessions of the meeting.

** Decision** [**SCUFN36/01/02**](#SCUFN360102)

The SCUFN Secretary reported to the participants that since he had received several requests for information throughout the year, he shared his dashboard of SCUFN Membership explaining the SCUFN Membership Rules of Procedure, the mandates timelines, and renewals already agreed in 2022.

** Decision** [**SCUFN36/01/03**](#SCUFN360103)

**2. Logistic and Administrative Arrangements - Approval of Agenda & Timetable**

The meeting was hosted by the AHO at the Sage Hotel. Excellent arrangements for the meeting (double independent screens, microphones, IT support for wifi access, catering, badges, assistance, etc.) were provided by AHO staff.

**2.2 Approval of the agenda and timetable**

*Doc: SCUFN36-02.2A Agenda and Timetable (Secretary)*

The SCUFN Secretary went quickly through the timetable and following up on one action from the previous meeting (SCUFN-35), he introduced two Observers, representing Geoscience Australia and the BGS, who had been invited by the Chair, for a presentation in support of the agenda item on seabed geomorphology.

Noting the huge number of naming proposals this year (450 in total), he also suggested that SCUFN Members consider the possibility of having an after-dinner session in the middle of the week. SCUFN Members agreed that this should be considered at a later stage depending on progress made in the naming proposals review. Some re-arrangements in the sequence of agenda items were also agreed to make benefit of the online but limited participation of the Chair of the Undersea Feature Names Project Team.

** Decision** [**SCUFN36/02.2/01**](#SCUFN36_02_2_01)

He finally reminded SCUFN Members to stand ready for the election of the Chair and Vice-Chair of SCUFN, planned on the last day and based on the nominations received prior to the meeting.

The Chair made a call among SCUFN Members to act as Rapporteur for this meeting. The SCUFN Secretary took note that there was no volunteer to do so. Hand-written notes were kindly provided by SCUFN Member Palmer to the SCUFN Secretary after the meeting.

**3. Matters remaining from Previous Meetings**

**3.1 Review of Actions from SCUFN-35**

*Doc: SCUFN36-03.1A List of Actions from SCUFN-35 and Status (Secretary)*

The status of the list of decisions and actions of the previous meeting had been made available on the SCUFN-36 website prior to the meeting. Members were simply invited to take note of the progress on the implementation of these decisions and actions, while the pending actions were planned to be covered under the relevant agenda items.

**3.2 Decision making process in SCUFN – Repository of typical cases – Cookbook for Generic Terms**

*Docs.SCUFN36-03.2A Proposed Amendments to version 1.0 October 2022 of the Repository of Typical Cases*

*SCUFN36-03.2B Proposed Way Forward for the Cookbook for Generic Terms*

*SCUFN36-03.2C Proposed Way Forward for the Cookbook for Generic Terms – MIM-GA’s Update on Morphology Activities*

Good progress was made on some important corporate matters, such as:

- “*The Repository of Typical Cases*”, a knowledge-database on decision-making process in SCUFN which is now clearly established as a living document complementary to B-6…;

- …as well as “*The Cookbook for Generic Terms*”, a much more comprehensive catalogue of all morphologic definitions of undersea features, compared to B-6, that will benefit soon from the views of other subject matter experts (Geoscience Australia, BGS, et al.) already involved in the development of a Two-Part Seabed Geomorphology Mapping Scheme for Multidisciplinary Applications. See the figure below.

SCUFN agreed that an inter-comparison of these definitions of generic terms was essential to ensure consistency in the future, as B-6 is not self-sufficient as such, while recognizing that it is the only authoritative international guidelines available to proposers at present.



SCUFN Member Ivaldi presented an update on the work related to the *Repository of Typical Cases* that will certainly become an important Artificial Intelligence Machine-Learning component in the future, in particular for automated feature detection. New cases were suggested to be included.

In order to make sure that an operational version 2.0 is available for approval at the next meeting, the SCUFN Secretary invited Members to meet important deadlines. These deadlines apply to the *Repository*, as well as to the *Cookbook*. In addition, the SCUFN Secretary offered to set up a new Repository dedicated webpage in the IHO SCUFN website to collect all complementary information to Publication B-6.

With lessons learned from further experimentations in naming proposals reviews, the final objective is for SCUFN to prepare new amendments for more robust generic terms definitions in B-6, to be published in a new Edition 4.3.0 when appropriate.

** Actions** [**SCUFN36/03.2/01 to /03**](#SCUFN36_03_2_01)

**3.3 SCUFN Sub Group on Generic Terms**

There was no specific action to report from this Sub-Group as such.

**3.4 Minor Features and Horizontal Strategy**

*Doc: SCUFN36-03.4A Recommendations for the Definition of an Optimal Horizontal Resolution Strategy*

SCUFN Member Coffin provided a clear summary of the situation and issues already discussed for some years (proposals for relatively minor features closely associated with proximal features already named, proposals result in clutter, inflation, and naming inconsistent with proximal features already named, SCUFN willing to establish a minimum size – relief and horizontal extent – and for optimal distances between features).

In order to better illustrate the dilemma created by the development of new technologies for high resolution seabed mapping and exploration, SCUFN Member Coffin considered the example of “abyssal hills”. According to the *Glossary of Geology* (Fifth Edition, Revised) an abyssal hill is “*a common low-relief feature of the ocean floor, usually found in basins isolated by ridges, rises, or trenches. Abyssal hills are defined as less than 1 km in relief (>1 km is termed a seamount) and several kilometers in diameter. About 85% of the Pacific Ocean floor and 50% of the Atlantic Ocean floor are covered by abyssal hills.*”

After fruitful discussion, SCUFN agreed on a simple filtering approach by which “*the minimum size of a feature to be considered by SCUFN should be greater than the GEBCO resolution grid for specific depth intervals.*”

** Decision** [**SCUFN36/03.4/01**](#SCUFN36_03_4_01)

This pragmatic but strategic decision led to some associated decisions actions as a conclusion of a long process. This will be reported to the GGC. The ad hoc subgroup in charge of this issue was disbanded subsequently.

** Decisions and Actions** [**SCUFN36/03.4/02 to /04**](#SCUFN36_03_4_02)

**3.6 Features named in scientific publications that do not align with current definitions of generic feature terms, do not conform to current principles for specific names, or have antecedent specific names that remain in common use in the scientific literature**

*Doc: SCUFN36-03.6A Consolidated Proposal of integrated version of recommendations*

This dilemma on how SCUFN should behave when facing situations that are obviously not explicitly addressed in Publication B-6 (*features named in scientific publication not aligned with current definitions* for instance) has been on the SCUFN agenda for a long time, with the aim to establish some additional general guidance on this matter.

After unsuccessful attempts to “regulate” the cases and fruitful discussions, it turned out that it was finally wiser for SCUFN to keep a flexible and pragmatic case-by-case approach in accordance with clause B-6 I.C.

** Decisions** [**SCUFN36/03.6/01**](#SCUFN36_03_6_01) **and** [**/02**](#SCUFN36_03_6_02)

**3.7 SCUFN Sub-group B-6 I.D**

*Doc: SCUFN36-03.7A Update on SCUFN Sub-group B-6 I.D*

SCUFN Member MD Said, co-chair of the Sub-Group B-6 I.D[[4]](#footnote-4) presented the progress made on the Terms of Reference of the Sub-Group and the procedure related to the assessment of evidences provided by National Naming Authorities. His brief included justifications of the amendments proposed on the procedure since the last version discussed at SCUFN-35.

With Reference to Decision SCUFN35.2/14, it was also reminded that once the procedure is accepted, the SCUFN Sub-group B-6 I.D will be disbanded and the procedure will enter into force, to be applied by all SCUFN Members.

To meet this objective, a set of actions was decided, with short timelines, so the procedure can be applied at SCUFN-37 in 2024.

** Decisions** [**SCUFN36/03.7/01 to /03**](#SCUFN36_03_7_01)

**3.8 Letter from Argentina about the GEBCO map distributed at the 32nd session of the IOC Assembly**

*Doc. SCUFN36-03.8A – Letter from the Permanent Delegation of the Argentine Republic to UNESCO, dated 2 August 2023: GEBCO Map distributed at 32nd session of the IOC Assembly, June 2023 (Secretary)*

*SCUFN36-03.8B – IOC Response to Argentina*

The SCUFN Secretary introduced an issue raised in a Note Verbale from Argentina received by the IOC, complaining about the distribution of GEBCO maps at the 32nd Session of the IOC Assembly, displaying some undersea feature names with mistakes (*Falkland* Escarpment, with missing *Malvinas* Escarpment), despite executive decisions made at SCGN[[5]](#footnote-5)-07 in 1987 and available in the GEBCO Gazetteer (field: additional information).

This was followed by a fruitful discussion on dual names. The SCUFN Secretary reminded that SCUFN had accepted the principle of dual names (at least for indigenous names) separated with "/" at SCUFN-29 in 2016 (Decision SCUFN29/130 and para. 5.2.2 of SCUFN-29 Report refer). This was supported on the principle by SCUFN Member Palmer, making reference to UNGEGN recommendations. Nevertheless no consensus was reached and SCUFN decided not to proceed further on this matter for the time being. Later in the meeting, a new proposal under 5.2 was made by the SCUFN Secretary to consider the possibility to adopt the concept of variants or multiple languages in the future.

** Decisions** [**SCUFN36/03.8/01**](#SCUFN36_03_8_01) **and** [**/02**](#SCUFN36_03_8_02)

**Decision and Action** [**SCUFN36/05.2/03**](#SCUFN36_05_2_03)

**4. Proposals Submitted during Intersessional Period**

*Note 1*: Since SCUFN-34 (2021), the status of proposed undersea feature names is classified as ACCEPTED, ADOPTED, NOT ACCEPTED, and PENDING according to the definitions available on the SCUFN website > … > Decisions Criteria to be used in Naming Proposals Reviews (version 1.0 November 2021) ([link](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Decisions%20Criteria%20to%20be%20used%20in%20Naming%20Proposals%20Reviews.pdf)).

*Note 2*: In order to remain concise, the decisions and actions, which are self-explanatory in general, are reported in Annex B only. Specific comments are made in the relevant paragraphs only when necessary.

*Note 3*: In the lists of decisions and actions, it is indicated in the column “Status & Comments” that a number of proposed names are already “*entered in* [the GEBCO] *Gazetteer*”. This is the normal internal procedure used by the SCUFN Secretariat to enter them on stand-by status (READY) for quality control/quality assurance purposes. As soon as they are ACCEPTED by SCUFN, this procedure allows them to be swiftly moved to the APPROVED status in the GEBCO Gazetteer database. They are kept in this buffer zone until a decision is made for two years. In the case they are NOT ACCEPTED, they are deleted.

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The permanent actions related to the geometries and the encouragement of releasing bathymetric data to the IHO Data Centre for Digital Bathymetry (DCDB)[[6]](#footnote-6), as indicated in B-6, Ed. 4.2.0, were reiterated at the start of agenda item 4 by the SCUFN Secretary, as they are to all proposers after the plenary sessions when reporting to them on the outcome.

** Action** [**SCUFN36/04.0/01**](#SCUFN36_04_0_01)

*Docs. SCUFN36-04.0A – Situation Report on All Naming Proposals submitted to SCUFN-36 and pre-loaded in the GEBCO Gazetteer.*

*SCUFN36-04.0B, - 04.0C, - 04.0D, - 04.0E – Statements by China, Malaysia (two of them, one on 7 Nov., the other on 10 Nov.), Philippines and Viet Nam.*

The SCUFN Secretary, making reference to Doc. SCUFN36-04.0A, presented a short situation report on all naming proposals (450) already pre-entered in the GEBCO Gazetteer and a global preliminary typological analysis of some contentious cases. The pre-loading phase proved to be very useful during the review of naming proposals in conjunction with the SCUFN Operational Web Services (SCUFN OWS).

This preliminary analysis triggered two main discussion topics.

First, for the sake of SCUFN activities and noting the limited resources in SCUFN, the SCUFN Secretary suggested that the number of new undersea features names proposals should be capped, per country, per year, to 25, and globally to 250 per meeting. In the absence of other realistic option, it is with some feeling of resignation shared by all, that this proposal was accepted. SCUFN TORs and ROPs are planned to be amended accordingly.

** Action** [**SCUFN36/04.0/02**](#SCUFN36_04_0_02)

National naming boards and organizations have multiple duly acknowledged national reasons for submitting numerous undersea feature names proposals every year. SCUFN cannot make any comment thereupon as long as they are submitted prior to the deadlines and they meet B-6 Guidelines submission requirements. With that, a second discussion started on the fact that SCUFN faces this complex and uncomfortable situation, mainly due to the huge number of proposals located in the South China Sea (SCS). This was followed by several statements (Docs. SCUFN36-04.0B, -04.0C, -04.0D and – 04.0E refer) made by China, Malaysia, the Philippines and Viet Nam. All arguments developed in these statements were duly noted by SCUFN, but are similar in content to those made in December 2022 at SCUFN-35.2 (duplicate names, anteriority criteria, location of features in disputed EEZ areas in the SCS, mutual consultation clause not applied… - See Statements and SCUFN-35 Report for more information).

** Action** [**SCUFN36/04.0/03**](#SCUFN36_04_0_03)

This second discussion topic was raised again under agenda item 4.6 and an important decision was made at this moment (See below).

**4.1 From Indonesia, Pushidrosal**

*Doc: SCUFN36-04.1A Proposals (4 revised + 7) from Indonesia, Pushidrosal*

Prior to the review, Indonesia, represented by Pushidrosal and assisted by technical experts from the Indonesia Geospatial Information Agency (BIG), made an important statement on their general objectives in naming undersea features, mainly located in their archipelagic waters.

** Decision** [**SCUFN36/04.1/00**](#SCUFN36_04_1_00)

Out of 11 proposals, one was kept PENDING, two were NOT ACCEPTED, while the others were ADOPTED[[7]](#footnote-7).

** Decisions and Actions** [**SCUFN36/04.1/01 to /11**](#SCUFN36_04_1_01)

Under this agenda item SCUFN Member Coffin pointed out that there were two duplicate names (Aurora BANK) in the GEBCO Gazetteer. After consultation with the AHO, it was agreed however to keep them since they had been in use for many years.

** Decision** [**SCUFN36/04.1/12**](#SCUFN36_04_1_12)

**4.2 From Australia, Australian National University, Canberra**

*Doc: SCUFN36-04.2A Proposals (8) from Australia, Australian National University, Canberra*

Out of eight proposals, one was kept PENDING for technical reasons, one was NOT ACCEPTED as a consequence of the former, while the six others were ACCEPTED.

** Decisions and Actions** [**SCUFN36/04.2/01 to /08**](#SCUFN36_04_2_01)

Post-meeting note: at the end of December 2023, the proposal for Rivoli Canyon was amended by the proposer in accordance with instructions given at SCUFN-36. It was then accepted by correspondence[[8]](#footnote-8) by SCUFN Members.

**4.3 From USA, University of Hawaii**

*Doc: SCUFN36-04.3A Proposal (1) from USA, University of Hawaii*

Despite a warning sent to the proposer by the SCUFN Secretary in January 2023, no revised proposal to make it compliant with B-6 was received.

** Decision** [**SCUFN36/04.3/01**](#SCUFN36_04_3_01)

**4.4 From UK, Saint Helena Government**

*Doc: SCUFN36-04.4A Proposal (1) from UK, Saint Helena Government*

After some discussion on the use of first name in addition to family name, a decision was reached by consensus. First names might be used in case of duplication or ambiguity.

** Decision** [**SCUFN36/04.4/01**](#SCUFN36_04_4_01)

**4.5 From Mexico, INAPESCA**

*Doc: SCUFN36-04.5A Proposals (3) from Mexico, INAPESCA*

The three proposals were ACCEPTED.

** Decisions** [**SCUFN36/04.5/01 to /03**](#SCUFN36_04_5_01)

**4.6 From China, CCUFN**

*Doc: SCUFN36-04.6A Proposals (78) from China, CCUFN*

On these 78 undersea features naming proposals, all located in the South China Sea (SCS), several statements were made by the participants arguing on the impossibility to review these proposals, considered as “politically sensitive”. Observers requested this time “to freeze” the SCS for undersea features naming. The SCUFN Secretary reminded the decisions that were made at SCUFN-35 and their motivations, in order to raise again the awareness on the consequences of the application of clause 2.10 of the Rules of Procedure of SCUFN.

Finally, SCUFN Members agreed to go for a vote (secret ballot) on the following question: “*In application of ROP 2.10, do SCUFN Members consider that all proposals located in the SCS should be frozen until a joint proposal on the way forward is made to SCUFN by the interested parties?*”.

With the outcome of the voting procedure, a quite radical and important decision was made for the first time in SCUFN history. The SCS has become a “no-go area” for undersea feature naming, at least until SCUFN receives the aforementioned joint proposal.

** Decision** [**SCUFN36/04.6/01**](#SCUFN36_04_6_01)

As a consequence, this decision saved a significant amount of time for SCUFN Members, since out of 450 naming proposals, a total number of 275 proposals located in the SCS (China (78+5+12), Malaysia (11), the Philippines (21+14+43) and Viet Nam (91)), were not considered at all at SCUFN-36. See below under agenda items 4.7, 4.10, 4.11, 4.17, 4.20, 4.21 and 4.23.

**4.7 From Philippines, NAMRIA**

*Doc: SCUFN36-04.7A Proposals (2 fast track + 32) from the Philippines, NAMRIA*

Out of 34 proposals, two were ADOPTED, and 11 were ACCEPTED with minor corrections or complementary information to be provided.

** Decisions and Actions** [**SCUFN36/04.7/01 to /11**](#SCUFN36_04_7_01)

** Decisions** [**SCUFN36/04.7/12**](#SCUFN36_04_7_12) **and** [**/13**](#SCUFN36_04_7_13)

In application of Decision SCUFN36/04.6/01, the other 21 proposals (#12 to #32) were not considered.

**4.8 From Portugal, EMEPC**

*Doc: SCUFN36-04.8A Proposal (1) from Portugal, EMEPC*

** Decision** [**SCUFN36/04.8/01**](#SCUFN36_04_8_01)

**4.9 From Chile, SHOA**

*Doc: SCUFN36-04.9A Proposals (2) from Chile, SHOA*

** Decisions** [**SCUFN36/04.9/01**](#SCUFN36_04_9_01) **and** [**/02**](#SCUFN36_04_9_02)

**4.10 From Philippines, NAMRIA**

*Doc: SCUFN36-04.10A Proposals (19) from Philippines, NAMRIA*

Out of 19 proposals, five were ACCEPTED.

** Decisions** [**SCUFN36/04.10/01 to /05**](#SCUFN36_04_10_01)

In application of Decision SCUFN36/04.6/01, the other 14 proposals (#6 to #19) were not considered.

**4.11 From China, CCUFN**

*Doc: SCUFN36-04.11A Proposals (5 Revised) from China, CCUFN*

In application of Decision SCUFN36/04.6/01, the five revised proposals (#1 to #5) were not considered.

**4.12 From New Zealand, NZGB**

*Doc: SCUFN36-04.12A Proposals (3 fast track) from New Zealand, NZGB*

** Decisions** [**SCUFN36/04.12/01 to /03**](#SCUFN36_04_12_01)

**4.13 From UK, Ascension Government**

*Doc: SCUFN36-04.13A Proposal (1) from UK, Ascension Government*

After technical considerations, SCUFN agreed to keep the proposal PENDING for the feature to be qualified as a SEAMOUNT, under the condition that a new polygon capturing the 3,700 m contour line is submitted by the proposer.

** Decision** [**SCUFN36/04.13/01**](#SCUFN36_04_13_01)

Post-meeting note: the complementary information was provided by the proposer during the drafting phase of this Summary Report, and decision by SCUFN Members was made by correspondence to ACCEPT it as a SEAMOUNT (final email from Secretariat, dated 28 November 2023). See comment in Annex C, SCUFN36/04.13/01.

**4.14 From Indonesia, Pushidrosal**

*Doc: SCUFN36-04.14A Proposals (33) from Indonesia, Pushidrosal*

Except for one case (#2) which was NOT ACCEPTED, all the proposals from Indonesia were ADOPTED with a few requests for complementary information and some changes of the generic term.

One case (#15) was identified to be retained in the Repository of Typical Cases.

** Decisions and Actions** [**SCUFN36/04.14/01 to /33**](#SCUFN36_04_14_01)

**4.15 From Brazil, DHN**

*Doc: SCUFN36-04.15A Proposals (7) from Brazil, DHN*

All proposals were ACCEPTED, except one (#04).

** Decisions** [**SCUFN36/04.15/01 to /07**](#SCUFN36_04_15_01)

**4.16 From New Zealand, NZGB**

*Doc: SCUFN36-04.16A Proposals (15) from New Zealand, NZGB*

** Decisions and Actions** [**SCUFN36/04.16/01 to /15**](#SCUFN36_04_16_01)

**4.17 From Philippines, NAMRIA**

*Doc: SCUFN36-04.17A Proposals (47) from Philippines, NAMRIA*

Out of 47 proposals, four (#44 to #47) were ACCEPTED.

** Decisions and Actions** [**SCUFN36/04.17/44 to /47**](#SCUFN36_04_17_44)

In application of Decision SCUFN36/04.6/01, the 43 others (#1 to #43) were not considered.

**4.18 From Japan, JCUFN**

*Doc: SCUFN36-04.18A Proposals (11) from Japan, JCUFN*

** Decisions and Actions** [**SCUFN36/04.18/01 to /11**](#SCUFN36_04_18_01)

**4.19 From UK, Saint Helena Government**

*Doc: SCUFN36-04.19A Proposal (1) from UK, Saint Helena Government*

On the same basis (discussion on first name + family name, or family name only) that SCUFN had under agenda item 4.13, the proposal was ACCEPTED, following a quick feedback received from the proposer by the SCUFN Secretary during the meeting.

** Decision** [**SCUFN36/04.19/01**](#SCUFN36_04_19_01)

**4.20 From China, CCUFN**

*Doc: SCUFN36-04.20A Proposals (40) from China, CCUFN*

Out of 40 proposals, 19 (#1 to #11, and #21 to #28) were ACCEPTED with minor changes. One case (#9) was retained to be highlighted in the Repository of Typical Cases.

** Decisions and Actions** [**SCUFN36/04.20/01 to /11**](#SCUFN36_04_20_01)

** Decisions and Actions** [**SCUFN36/04.20/21 to /28**](#SCUFN36_04_20_21)

With regard to proposals (#12 to #20), SCUFN decided not to consider these proposals for now. This was because JCUFN (Japan) reported to SCUFN that they had started a mutual consultation with CCUFN (China) since the proposals were located in the area of interest of Japan, following the procedure of B-6 III-D.

**4.21 From Viet Nam, VHO**

*Doc: SCUFN36-04.21A Proposals (91) from Viet Nam, VHO*

In application of Decision SCUFN36/04.6/01, the proposals from Viet Nam (#1 to #91) were not considered at all.

**4.22 From Canada, CHS**

*Doc: SCUFN36-04.22A Proposals (25 fast track + 1 name change) from Canada, CHS*

The 25 fast-track proposals submitted by Canada were ADOPTED as well as one name change, with some further information to be provided by the proposer.

** Decisions and Actions** [**SCUFN36/04.22/00 to /25**](#SCUFN36_04_22_00)

While adopting these fast-track, new non-compliant generic terms were included in the GEBCO Gazetteer database in application of B-6 clause I.C (FINGER, PINGOS, BARS, LOBE).

**4.23 From Malaysia, NHC**

*Doc: SCUFN36-04.23A Proposals (12) from Malaysia, NHC*

Before the review, one proposal (#06) was withdrawn by the proposer.

** Decision** [**SCUFN36/04.23/06**](#SCUFN36_04_23_06)

Then, in application of Decision SCUFN36/04.6/01, the proposals from Malaysia (#1 to #12) were not considered at all.

**5. Liaison with Other Geographical Name Bodies**

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

*Doc: SCUFN36-05.1A Report of ACUF*

SCUFN noted the update report by the representatives of ACUF (outgoing and incoming Secretary) and welcomed their intention to reinforce the alignment of ACUF policies to SCUFN’s.

A short demo of the U.S. Board on Geographic Names (BGN) Geographic Names Server (GNS) available at <https://geonames.nga.mil/geonames/GNSHome/index.html> was provided.

** Decision** [**SCUFN36/05.1/01**](#SCUFN36_05_01_01)

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

There was no specific report provided by the NZGB this year. However, with reference made to Doc. SCUFN36-07.2D, the SCUFN Secretary took the opportunity to brief the participants on the outcome of the mutual consultation process launched by one proposer (AWI, Germany) for about three years. No progress was made despite the efforts made by the NZGB to liaise with indigenous authorities. As a consequence, the initial naming proposals had been removed from the GEBCO Gazetteer database.

Fortunately, SCUFN Member Mackay confirmed that the associated bathymetric data had been provided to the IHO DCDB as a contribution to the improvement of the GEBCO grid and the Seabed 2030 project.

** Decisions** [**SCUFN36/05.2/01**](#SCUFN36_05_02_01) **and** [**/02**](#SCUFN36_05_02_02)

Triggered by this fact, and summarizing all the other issues faced by SCUFN for some years (increasing number of proposals, dual naming proposal for same features, absence of mutual consultation, SCS now “frozen”, automated detection of features, robustness of detection algorithms with better definitions of generic terms, feature names and their variants in multiple languages, etc.), the SCUFN Secretary shared his opinion that time had come to start thinking on the future of SCUFN. The establishment of a SCUFN Naming 2030 Sub-Group was decided. This Sub-Group aims to prepare the future of SCUFN through the development of a new designator model, based on Geographic Feature Unique Identifier, and accepting multilingual attributes for the same feature. The SCUFN Secretary also recommended this Sub-Group to explore the solutions adopted by the International Astronomical Union Working Group on Star Names (WGSN). This option, if retained in the future, might support the latest technological developments and the increased knowledge of the seabed, for naming features more efficiently and more consistently.

** Decisions** [**SCUFN36/05.2/03**](#SCUFN36_05_2_03) **and** [**/04**](#SCUFN36_05_02_04)

This proposal was also made in the light of a presentation[[9]](#footnote-9) given at the GEBCO Symposium “Map the Gaps” held in Monaco by the IHO at the same time as this SCUFN meeting. This quite critical presentation was made by a keynote speaker, Mr Victor Vescovo, who had submitted for SCUFN review, between 2020 and 2022, about 190 naming proposals for undersea features, with mixed results.

** Decision** [**SCUFN36/09.1/03**](#SCUFN36_09_01_03)

**5.3 Activities of Marine Regions of interest to SCUFN**

*Doc: SCUFN36-05.3A Report of Marine Regions*

SCUFN noted the update from Marine Regions, in particular the relationship established with the United Nations, in support of the UN Ocean Decade.

Marine Regions continues to provide very useful feedback to SCUFN (and ACUF) on issues or inconsistencies detected in the gazetteer databases. This contributes to the improvement of the quality of the GEBCO Gazetteer database and the recognition of Marine Regions as a trusted node of geographic information (more than 63,000 marine geo-referenced places in Marine Regions database, among which more than 11,900 undersea feature records).

The SCUFN Secretary noted the desire from Marine Regions to set a more formal agreement with the IHO Secretariat in support of SCUFN activities.

** Decisions and Actions** [**SCUFN36/05.3/01**](#SCUFN36_05_03_01) **and** [**/02**](#SCUFN36_05_03_02)

**5.4 United Nations Group of Experts on Geographical Names (UNGEGN) – List of Naming Authorities**

*Docs: SCUFN36-05.4A Report of UNGEGN*

*SCUFN36-05.4B SCUFN – List of Naming Authorities*

SCUFN Member Palmer, as IHO Liaison Officer with the United Nations Group of Experts on Geographical Names (UNGEGN), recalled the aim of the UNGEGN and reported on the 3rd “new” session of this group held 1-5 May 2023 in New York City (Doc. GEGN.2/2023/132/CRP.132 – *Report of the IHO*).

He also suggested that SCUFN, when liaising with national naming authorities, encourage their participation in the activities of UNGEGN.

** Decision** [**SCUFN36/05.4/01**](#SCUFN36_05_04_01)

The SCUFN Secretary provided a short update on the maintenance of the List of Naming Authorities, available on the SCUFN website, and highlighted its importance in particular for those Coastal States willing to be informed, prior to a SCUFN meeting, when a naming proposal is located in their areas of interest.  
This was followed by some considerations on the current procedures with regard to the publicity (or more exactly… non-publicity) to be given to undersea features name proposals received by the SCUFN Secretariat throughout the year.

** Decisions and Actions** [**SCUFN36/05.4/02**](#SCUFN36_05_04_02) **and** [**/03**](#SCUFN36_05_04_03)

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

*Doc: SCUFN36-xx*

*Left blank intentionally. This section is activated when the preparation work for a new Edition of B-6 starts. It is used to monitor the development and approval process of amendments.*

**7. Gazetteer of Undersea Feature Names**

**7.1 Maintenance of the on-line interface to GEBCO Gazetteer database - – SCUFN Operations Web Services**

*Doc: SCUFN36-07.1A Report by NOAA/NCEI on maintenance of the GEBCO Gazetteer (NOAA) and Interoperability with SCUFN Operations Web Services*

SCUFN commended NOAA, KHOA, and their software developing teams for the excellent work made since the last meeting. A very comprehensive status report was provided.

SCUFN noted that continued improvements and enhancements of the Gazetteer will remain incremental, and that an annual funding of 50K/year had been secured and will be used to:

* Perform annual maintenance and upgrades (when necessary)
* Implement a limited number of requested enhancements
* Progress the development of the GEBCO Gazetteer and KHOA Beta-Gazetteer integration.

Mr Chris Slater, Lead Software Engineer, recommended that:

* SCUFN Members test Gazetteer v5 and notify the IHO DCDB of any issues;
* SCUFN members provide support and feedback when needed during development of the GEBCO Gazetteer and KHOA OWS integration;
* KHOA OWS developers continue to test the Gazetteer v5 test environment and let GEBCO Gazetteer developers know of any issues, changes, or questions;
* SCUFN Members let GEBCO Gazetteer developers know when an upgrade to Gazetteer v5 is appropriate.

** Decisions and Actions** [**SCUFN36/07.1/01**](#SCUFN36_07_01_01) **and** [**/02**](#SCUFN36_07_01_02)

**7.2 Maintenance of the GEBCO Gazetteer database (including PENDING names) - Work by Correspondence**

*Doc: SCUFN36-07.2B Updating Gazetteer from undersea feature naming decisions and actions from SCUFN-35.*

*SCUFN36-07.2D Monitoring the List of PENDING names.*

*SCUFN36-07.2E Regulating SCUFN work by correspondence – Proposed amendments to the current practice in force “Intersessional Work by Correspondence, December 2022” to take into account experience gained in August 2023.*

The two reports from the SCUFN Secretariat were noted. With the decisions made in SCUFN-35, the number of pending dropped down to a normal level and no significant increase is expected from now, as long as the SCS remains a no-go area for undersea feature naming proposals.

** Decisions and Actions** [**SCUFN36/07.2/01**](#SCUFN36_07_02_01) **and** [**/02**](#SCUFN36_07_02_02)

With the experience gained in 2023 for the official inter-sessional SCUFN Work by Correspondence and its associated Practical Voting Arrangements, an amendment suggesting the introduction of a two-step procedure was submitted by SCUFN Member Ohara, as SCUFN Acting Chair. Following discussions, it appeared that this procedure would add another level of complexity. A general agreement was reached to keep the current procedure, under the conditions that clear instructions for PENDING names are made and captured in plenary sessions. SCUFN agreed that this might lead to more NOT ACCEPTED names in the future. Minor amendments must be proposed to the inter-sessional procedure accordingly.

** Decision and Action** [**SCUFN36/07.2/03**](#SCUFN36_07_02_03)

**7.3 Development of the IHO SCUFN Archive/Repository/Submission as a component of SCUFN Operational Web Services**

*Doc: SCUFN36-07.3A Status Report by KHOA on the development of the IHO SCUFN Archive/Repository/Submission. Work Plan (KHOA) – Impact on B-6 (submission phase) (Secretary)*

*SCUFN36-07.3C Secretariat's Report on SCUFN Operations Web Services (OWS) Repository and IHO Digital Archives*

SCUFN noted the update delivered from KHOA on the objectives and timelines for a focus on one of the most important components of the SCUFN Operational Web Services (OWS): the online digital submission service, compliant to B-6 Proposal Form.

This is certainly a quite complex interface to be developed to ensure a smooth transition from the current procedure in force in B-6. The amended schedule was therefore proposed and agreed in principles.



The SCUFN Secretary confirmed that the submission component of the SCUFN OWS, which is a critical piece for making SCUFN more attractive for proposers and more efficient for Members and Secretariat, had been under development for too long. A more pro-active management of this project needed to be established with the different stakeholders, the SCUFN Members and Secretariat in particular. SCUFN Member Lee kindly agreed to take a leading role in this project.

** Decisions and Actions** [**SCUFN36/07.3/01 to 04**](#SCUFN36_07_03_01)

The SCUFN Secretary also reported that the review and testing of functionalities in the current version of the SCUFN OWS Digital Archive, also developed by KHOA, was positive in general and compliant with the specifications and users’ expectations. Improvements to be considered by KHOA are suggested in Annex A to Doc. SCUFN36-07.3C.

**8.** **Undersea Feature Names Project Team (UFNPT)**

*Doc: SCUFN36-08.1A Update on Undersea Feature Names Project Team (UFNPT) and on the Detection of Undersea Features (DUF), an Ocean Decade Project*

Ms Anna Hendi (CHS, Canada) Chair of the UFN Project Team, who was not able to be present, participated in the meeting remotely, under agenda item 3.2, in order to share her report with the subject matter experts on geomorphology who could not stay any longer as well.

Her very comprehensive presentation covered the objectives assigned to the UFN Project Team, the background information with regard to the development of an S-100 Product Specification for Undersea Feature Names, the Detection of Undersea Features and the relationship established with the Ocean Decade. In fact, a repository of Analysis Methods for the Detection of Undersea Features has been endorsed in September 2022 as an Ocean Decade Project.

In some ways, Ms Hendi shared Mr Victor Vescovo’s opinion about SCUFN (see paragraph 5.2 above) when stating: “*Unnamed Undersea Features, ... we can detect them, faster than we can name them*”. However, her presentation was very constructive since she suggested a reassessment of the current objectives of the UFN Project team and the formal approval by SCUFN Chair of the project plan for the Detection of Undersea Features in the Ocean Decade framework. Her set of proposals was fully supported.

** Decisions and Actions** [**SCUFN36/08.1/01 to 04**](#SCUFN36_08_01_01)

**9. Any Other Business**

**9.1 Tutorials – Map the Gaps**

Following on some recurrent discussion topics on SCUFN (complexity, lack of interest, communication aspects, quality of naming submissions, etc.), SCUFN Member Mackay suggested to consider the possibility of developing video tutorials and e-learning sessions on SCUFN activities. This idea was supported in general, provided that resources (academia?) are identified to outsource this additional task.

** Decisions and Actions** [**SCUFN36/09.1/01**](#SCUFN36_09_01_01) **and** [**02**](#SCUFN36_09_01_02)

A short excerpt of the *Map the Gaps* symposium live video[[10]](#footnote-10), in relation to SCUFN activities, was presented by the SCUFN Secretary (See paragraph 5.2).

** Decisions and Actions** [**SCUFN36/09.1/03**](#SCUFN36_09_01_03)

**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 SCUFN-36**

The Draft List of Decisions and Actions was reviewed in session during which Malaysia made a final statement on the issues faced in the South China Sea (See Doc. SCUFN36-04.0C dated 10 November 2023). The draft List was then distributed for comments to all participants. The final List is given in Annex C. At the date of publication of this Final Summary Report, some decisions and actions have already been implemented. The SCUFN Secretary also responded to a request from the Secretary of the GEBCO Guiding Committee about the 2024 Budget for GEBCO (email from SCUFN Secretary, dated 24 November 2023), confirming the requirement for 15k€ for SCUFN contracting support.

**10.2 Update on Seabed 2030**

*Doc: SCUFN36-10.2A Seabed 2030 Update*

SCUFN Member Mackay, reporting also as Head, Seabed 2023 Pacific Data Centre, provided an update on the achievements and future plans of Seabed 2030, flagging this project as an accelerator to GEBCO’s goals. His presentation stressed the importance of providing bathymetric data (associated to names features through SCUFN) to the IHO Data Centre for Digital Bathymetry (IHO DCDB). The countries which had responded positively so far were listed.

** Decisions and Actions** [**SCUFN36/10.2/01**](#SCUFN36_10_02_01) **and** [**SCUFN36/04.0/01**](#SCUFN36_04_0_01)

**11. SCUFN Membership – Election of Chair and Vice-Chair**

At the end of the meeting, the SCUFN Secretary presented the election procedure (secret paper ballot, quorum, random draw in case of a tie) and confirmed the eligibility of the nominees, based on the Rules of Procedure with regard to Membership. The nominees were:

For the position of Chair:

* Dr Yasuhiko Ohara [IHO],
* Prof. Millard F Coffin [IHO].

For the position of Vice-Chair:

* Dr Yasuhiko Ohara [IHO],
* Dr Sihai Li [IOC],
* First Admiral Dr Najhan Md Said [IHO].

Dr Yasuhiko Ohara[[11]](#footnote-11) was elected as Chair while First Admiral Dr Najhan Md Said[[12]](#footnote-12) was elected as Vice-Chair.

** Decision** [**SCUFN36/11/01**](#SCUFN36_11_01_01)

In application of the Rules of Procedure, the endorsement by the GGC on the outcome of these elections was received by the SCUFN Secretariat (email from Mr Evert Flier, GGC Chair, 3 December 2023 refers).

**12. Dates and Venues for the Next Meetings**

SCUFN welcomed the generous offer from the Republic of Korea (KIGAM, KHOA) to hold the next meeting in 2024 (24 – 28 June 2024) in Jeju, Republic of Korea, as well as the initial intentions from Indonesia and Japan to follow (respectively for SCUFN-38 in 2025 and SCUFN-39 in 2026).

** Decisions** [**SCUFN36/12/01**](#SCUFN36_12_01_01) **and** [**/02**](#SCUFN36_12_02_01)

**13. Closing Address and Conclusion**

The elected-SCUFN Chair thanked the participants for their active participation and support during the meeting. The Secretary thanked the host country and the AHO’s staff for their very efficient support in the preparation of the meeting, kindness, and efficient and operational support during the event.

** Decision** [**SCUFN36/13/01**](#SCUFN36_13_01_01)

# 34th SCUFN MEETING

# 36th SCUFN MEETING

**Wollongong, Australia**

**6 – 10 November 2023**

**AGENDA and TIMETABLE (UTC+11, AEDT)**

*(version 6 October 2023)*

|  |  |
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| **Monday 6 November 2023** | **SCUFN-36 – Day 1** |
| 09:30 – 10:00 | Watersedge Meeting Room setting, two screens, projector(s), HDMI cables (2), layout and IT testing (AHO, Sage Hotel and IHO Secretariat Staff only) |
| 10:00 – 12:00 | Chair’s Preparation Meeting (Chair/Secretary only) |
| 12:00 – 12:30 | **Welcome and Arrival of SCUFN Members1** participating in the afternoon session |
| 12:30 – 13:30 | **Lunch Break** |
| Watersedge Room | **SCUFN-36 – Day 1 - Session 1 – Closed Session[[13]](#footnote-13)** |
| 13:30 | **2. Opening – Logistic and Admin Arrangements - Introduction by SCUFN Chair - Approval of Agenda**  **2.2 Approval of the agenda and timetable**  *Doc: SCUFN36-02.2A Agenda and Timetable of the closed session.* |
| 13:40 | **3. Matters remaining from Previous Meetings**  **3.2 Decision making process in SCUFN – Cookbook for Generic Terms – Repository of Typical Cases**  *Doc: SCUFN36-03.2A Proposed Amendments to version 1.0 October 2022 of the Repository of Typical Cases (Ivaldi/Mackay) - Presentation*  *Action SCUFN35.2/04 refers*  *Useful Reference:* [*Repository of Typical Cases v1.0, October 2022*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Cookbook%20-%20Repository%20of%20Typical%20Cases_version1.0_October2022.pdf)  *Doc: SCUFN36-03.2B Proposed Way Forward for the Cookbook for Generic Terms (Mackay)*  *Action SCUFN35.2/05 refers*  *Useful Reference:* [*Cookbook for the “Cookbook for Generic Terms of undersea feature names”, version 1.2, October 2022*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Cookbook_for_Generic_Feature_terms_Oct_2022_v1.2.pdf)  **3.3 Report and Recommendations of the SCUFN Sub Group on Generic Terms**  *Left blank intentionally.*  **3.4 Minor Features and Horizontal Strategy**  *Doc: SCUFN36-03.4A Recommendations for the Definition of an Optimal Horizontal Resolution Strategy (SCUFN Project Team, led by SCUFN Member M. Coffin) - Presentation*  *Action SCUFN35.2/08 refers* |
| 15:00 – 15:20 | **Coffee break** |
| 15:20 | **3. Matters remaining from Previous Meetings (cont.)**  **3.7 SCUFN Sub-group B-6 I.D**  *Doc. SCUFN36-03.7A – Update on SCUFN Sub-group B-6 I.D (Li/ Said)*  *Actions SCUFN35.2/13 and /14 refer*  **3.6 Features named in scientific publications that do not align with current definitions of generic feature terms, do not conform to current principles for specific names**  *Doc. SCUFN36-03.6A – Consolidated Proposal of integrated version of recommendations (Kimeli)*  *Action SCUFN35.2/09 refers*  **3.8 Letter from Argentina about the GEBCO map distributed at the 32nd session of the IOC Assembly**  *Doc. SCUFN36-03.8A – Letter from the Permanent Delegation of the Argentine Republic to UNESCO, dated 2 August 2023: GEBCO Map distributed at 32nd session of the IOC Assembly, June 2023 (Secretary)*  *SCUFN36-03.8B – IOC Response to Argentina* |
| **16:30** | **SCUFN-36 – End of Session 1 and Day 1** |
| **18:00-20:00** *(to be confirmed)* | **Sage Hotel - Five Islands Restaurant and Terrace -  *Informal gathering for all participants*** |

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| **Tuesday 7 November 2023** | **SCUFN-36 – Day 2** |
| 08:00 | Arrival of Participants |
| 08:30 (*to be confirmed*) – 09:00 | Welcome Ceremony by Host Country (AHO) |
| Watersedge Room | **SCUFN-36 – Day 2 - Session 2 – Plenary Open Session** |
| 09:00 | **1. Welcome Address (AHO’s Representative** *to be confirmed***) -  Opening and Introduction (SCUFN Chair)**  *Doc: SCUFN36-01A List of Documents (Sec.)*  *SCUFN36-01B List of Participants (Sec.)*  *SCUFN36-01C SCUFN Membership and Observers List*  Main Objectives:  For those who are not familiar on SCUFN matters, short brief on the objectives of the meeting, the rules, short summary of the outcome of the closed session arranged on Monday 6 November (Chair, supported by Secretary). |
| 09:30 | **2. Logistic and Admin Arrangements - Approval of Agenda & Timetable**  **2.2 Approval of the agenda and Timetable**  *Doc: SCUFN36-02.2A Agenda and Timetable.*  Notes: Logistic and Admin Arrangements (AHO and Secretary).Quick fly-through the Agenda and Timetable, and call for AOB if any. Reminder all statements to be provided in written format to Secretary in advance and for the record ([adcs@iho.int](mailto:adcs@iho.int)). |
| Skipped | **3. Matters remaining from Previous Meetings**  **3.1 Review of Actions from SCUFN-35.2 and transfer to the relevant agenda items (if appropriate)**  *Doc: SCUFN35.1-03.1A List of Actions from SCUFN-35.2 and Status (Sec.)*  Notes: Members are invited to take note of the progress on the implementation of Decisions and Actions. Pending actions are transferred to the relevant agenda items. |
| 09:40 | **3. Matters remaining from Previous Meetings (cont.)**  **3.2 Decision making process in SCUFN – Cookbook for Generic Terms – Repository of Typical Cases**  *Doc: SCUFN36-03.2A Proposed Amendments to version 1.0 October 2022 of the Repository of Typical Cases (Ivaldi/Mackay) - Presentation*  *Action SCUFN35.2/04 refers*  *Useful Reference:* [*Repository of Typical Cases v1.0, October 2022*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Cookbook%20-%20Repository%20of%20Typical%20Cases_version1.0_October2022.pdf)  *Doc: SCUFN36-03.2B Proposed Way Forward for the Cookbook for Generic Terms (Mackay)*  *Action SCUFN35.2/05 refers*  *Useful Reference:* [*Cookbook for the “Cookbook for Generic Terms of undersea feature names”, version 1.2, October 2022*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/Cookbook_for_Generic_Feature_terms_Oct_2022_v1.2.pdf)  *Doc: SCUFN36-03.2C Proposed Way Forward for the Cookbook for Generic Terms – MIM-GA’s Update on Morphology Activities (Rachel Nanson)*  **3.3 Report and Recommendations of the SCUFN Sub Group on Generic Terms**  *Left blank intentionally.*  **3.4 Minor Features and Horizontal Strategy**  *Doc: SCUFN36-03.4A Recommendations for the Definition of an Optimal Horizontal Resolution Strategy (SCUFN Project Team, led by SCUFN Member M. Coffin) - Presentation*  *Action SCUFN35.2/08 refers* |
| 10:30 – 10:50 | **Coffee break** |
| 10:50 | **3. Matters remaining from Previous Meetings (cont.)**  **3.7 SCUFN Sub-group B-6 I.D**  *Doc. SCUFN36-03.7A – Update on SCUFN Sub-group B-6 I.D (Li/ Said)*  *Actions SCUFN35.2/13 and /14 refer*  **3.6 Features named in scientific publications that do not align with current definitions of generic feature terms, do not conform to current principles for specific names**  *Doc. SCUFN36-03.6A – Consolidated Proposal of integrated version of recommendations (Kimeli)*  *Action SCUFN35.2/09 refers*  **3.8 Letter from Argentina about the GEBCO map distributed at the 32nd session of the IOC Assembly**  *Doc. SCUFN36-03.8A – Letter from the Permanent Delegation of the Argentine Republic to UNESCO, dated 2 August 2023: GEBCO Map distributed at 32nd session of the IOC Assembly, June 2023 (Secretary)*  *SCUFN36-03.8B – IOC Response to Argentina* |
| 12:30 – 13:30 | **End of Session 2 - Lunch break – Session 3** |
| 13:30 | **4. Naming Proposals to be considered**  Note: 450 proposals have been submitted prior to the deadline to be reviewed by SCUFN. Procedure will be using the “green”, “yellow”, “red” marks given by SCUFN Members on SCUFN OWS, on specific and generic terms prior to the meeting. Then, chronological order of submissions received. It is unlikely that all naming proposals will be reviewed by the end of the meeting. Those proposals not reviewed will be deferred to SCUFN-37 in 2024.  **4.0 Situation Report on All Naming Proposals submitted to SCUFN-36 and pre-loaded in the GEBCO Gazetteer**  *Doc: SCUFN36-04.0A - Situation Report on All Naming Proposals submitted to SCUFN-36 and pre-loaded in the GEBCO Gazetteer (Secretary).*  *Quick overview of the general situation, possible duplicates, re-submissions, etc.*  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 15:00 – 15:20 | **Coffee break** |
| 15:20 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| **17:00** | **SCUFN-36 – End of Day 2 – End of Session 3** |
| **Wednesday 8 November 2023** | **SCUFN-36 – Day 3** |
| Watersedge Room | **SCUFN-36 – Day 3 - Session 4 – Plenary Open Session** |
| 09:00 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 10:30 – 10:50 | **Coffee break** |
| 10:50 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 12:30 – 13:30 | **End of Session 4 - Lunch break – Sessions 5** |
| 13:30 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 15:00 – 15:20 | **Coffee break** |
| 15:20 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| **17:00** | **End of Day 3 and Sessions 5** |
|  | ***To be considered, depending on the progress of reviews: after-dinner session for two hours for naming proposals only on Wednesday, for instance 19:30-21:30?*** |

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| **Thursday 9 November 2023** | **SCUFN-36 – Day 4** |
| Watersedge Room | **SCUFN-36 – Day 4 - Session 6 – Plenary Open Session** |
| 09:00 | **5. Liaison with Other Geographical Naming Bodies**  **5.1 Advisory Committee on Undersea Features (ACUF) of the US Board on Geographical Names**  *Doc: SCUFN36-05.1A Report of ACUF Activities (Leigha Peterson)*  **5.2 Undersea Names Committee of the New Zealand Geographic Board (NZGB)**  *Doc: SCUFN36-05.2A Report of the NZGB Undersea Names Committee (K. Mackay tbc)*  **5.3 Activities of Marine Regions of interest to SCUFN**  *Doc: SCUFN36-05.3A Activities of Marine Regions of interest to SCUFN (Britt Lonneville)*  **5.4 United Nations Group of Experts on Geographical Names (UN GEGN)**  *Doc: SCUFN36-05.4A Update from UNGEGN (Trent Palmer)*  *SCUFN36-05.4B List of Naming Authorities (Secretary)* |
| 10:00 | **8. Undersea Feature Names Project Team (UFNPT)**  **8.1 UFN PT and Detection of Undersea Features**  *Doc: SCUFN36-08.1A Update on Undersea Feature Names Project Team (UFNPT) and on the Detection of Undersea Features (DUF), an Ocean Decade Project (Anna Hendi, recorded presentation)* |
| 10:30 – 10:50 | **Coffee break** |
| 10:50 | **7. Gazetteer of Undersea Feature Names**  **7.2 Maintenance of the GEBCO Gazetteer database (including PENDING names)**  *Doc: SCUFN36-07.2B Updating Gazetteer from undersea feature naming decisions and actions from SCUFN-35.*  *SCUFN36-07.2D Monitoring the List of PENDING names.*  *SCUFN36-07.2E Regulating SCUFN work by correspondence – Proposed amendments to the current practice in force “*[*Intersessional Work by Correspondence, December 2022*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/SCUFN_Intersessional%20SCUFN%20Work%20by%20Correspondence_December2022.pdf)*” to take into account experience gained in August 2023 (Reference: M. Huet’s email on behalf of Secretary, dated 25 July 2023, China CCUFN Pending Names since SCUFN-35.2).* |
| 11:20 | **7. Gazetteer of Undersea Feature Names**  **7.1 Maintenance of the on-line interface to GEBCO Gazetteer database – SCUFN Operational Webservices**  *Doc: SCUFN36-07.1A Report by NOAA/NCEI on maintenance of the GEBCO Gazetteer (NOAA) and interoperability with SCUFN Operational Webservices (NOAA Rep. / KHOA Rep. / Secretariat).*  **7.3 Development of the IHO SCUFN Archive/Repository/Submission as a component of SCUFN Operational Web Services**  *Doc: SCUFN36-07.3A Status Report by KHOA on the development of the IHO SCUFN Archive/Repository/Submission. Work Plan (KHOA) – Impact on B-6 (submission phase) (Secretary)*  *See* [*SCUFN35 Summary Report*](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/SCUFN35/SCUFN35_2022_P_EN_Report_v1.0.pdf)*, Part 1, para. 7.2 and Part 2, para. 9.1* |
| 12:30 – 13:30 | **End of Session 6 - Lunch break – Session 7** |
| 13:30 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 15:30 – 15:50 | **Coffee break** |
| 15:50 | **9. Any Other Business**  **9.1 …**  *Doc: SCUFN36-09.1A …* |
| 16:15 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| **17:00** | **End of Day 4 and Session 7** |
|  | Non-host basis dinner (*to be confirmed*) |

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| **Friday 10 November 2023** | **SCUFN-36 – Day 5** |
| Watersedge Room | **SCUFN-36 – Day 5 - Session 8 – Open Session** |
| 09:00 | **4. Naming Proposals to be considered (cont.)**  **4.1 From Indonesia, Pushidrosal…to 4.23 Malaysia, NHC**  *Doc: SCUFN36-04.1A, -04.2A, etc.* |
| 10:30 – 10:50 | **Coffee break** |
| 10:50 | **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 SCUFN36**  *Doc: SCUFN36-10.1A Draft SCUFN Programme of Work 2023-24 to be submitted to GEBCO Guiding Committee (Sec.)*  **10.2 Update on GEBCO activities and the Seabed 2030 Project**  *SCUFN36-10.2A Update on GEBCO (Chair) and the Seabed 2030 Project (Kevin Mackay)* |
|  | **11. SCUFN Membership – Election of Chair and Vice-Chair** |
|  | **12. Dates and Venues for the Next Meetings –** |
|  | **13. Closing address by AHO (tbd)** |
|  | **14. Conclusion by SCUFN Chair** |
| 12:30 – 13:30 | **End of Session 8 - Lunch break – Session 9 - Closed Session[[14]](#footnote-14)** |
| 13:30 | Closed Session (if necessary only) |
| **15:00** | **End of Day 5 and Session 9 – End of SCUFN36** |

# 34th SCUFN MEETING

# 36th SCUFN MEETING

**Wollongong, Australia**

**6 – 10 November 2023**

**[Une image contenant texte, capture d’écran, nombre, Police

Description générée automatiquement](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/SCUFN36/SCUFN36_2023_01B_List_of_Participants.pdf)List of Registered Participants**

**[Une image contenant texte, capture d’écran, nombre, Police

Description générée automatiquement](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/SCUFN36/SCUFN36_2023_01B_List_of_Participants.pdf)**

**LIST OF DECISIONS and ACTIONS FROM SCUFN-36**

(*Status at the date of 21 November 2023*)

Notes: 1. Proposals below are highlighted/shaded either as “reviewed”, “deferred”[[15]](#footnote-15), or “not considered”.  
2. Following on Decision SCUFN36/04.6/01, the naming proposals in light grey-blue, were not considered due to their location in the South China Sea (SCS) or mutual consultation already in progress (JCUFN and CCUFN).   
3. Description of ACCEPTED, ADOPTED, PENDING, NOT ACCEPTED: See [SCUFN-34 Report](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/SCUFN34/SCUFN34_2021_P_EN_Report_v1.1_5Jan2022.pdf), paragraph 3.2A.  
4. Numbering of Decisions andActions: SCUFN-36/agenda-item/#chronological number in the SCUFN OWS database, proposals set.

| **Decision/**  **Action** | **Agenda Item** | **Details** | **Status & Comments**  **(November 2023)** |
| --- | --- | --- | --- |
|  | **1** | **Welcome Address (AHO Director) - Opening and Introduction (SCUFN Chair)** |  |
| SCUFN36/01/01 |  | **SCUFN** welcomed the opening address by **Ms Hilary Thompson, Executive Director, AHO[[16]](#footnote-16)**, who reminded the HMS *Challenger* Expedition held from 1872 to 1876, the objectives of which were to explore the physical, chemical, and biological characteristics of the deep sea and its potential for humankind, and concluded her speech with the short history of the naming of Australia. |  |
| SCUFN36/01/02 |  | **SCUFN** welcomed the opening by the **Chair** (objectives of the meeting, brief introduction on the naming proposals review procedure in force (“green”, “yellow”, “red” criteria).  **SCUFN** also noted the important Rules of Procedure in SCUFN that were highlighted by the **SCUFN** **Secretary**. |  |
| SCUFN36/01/03 |  | With regard to SCUFN Membership, the **SCUFN Secretary** reported that the Secretariat had received no advanced notice so far, from any SCUFN Member, announcing a possible vacancy in the near future. The **SCUFN Secretary** also reminded that the renewal of mandates is subject to GGC[[17]](#footnote-17) endorsement. |  |
|  |  |  |  |
|  | **2** | **Logistic and Admin Arrangements - Approval of Agenda & Timetable** |  |
|  | **2.2** | **Approval of the Agenda and Timetable** |  |
| SCUFN36/02.2/01 |  | **SCUFN** welcomed the participation of **Dr. Rachel Nanson (Geoscience Australia)** and **Dr. Joana Gafeira (British Geological Survey)** in support of agenda item 3.2C (Geomorphology versus Morphology, Definition of Generic Terms applied by SCUFN).  **SCUFN** approved the agenda and timetable with a minor change in the order to consider in sequence agenda items 3.2C, 8.1A (Detection of Undersea Features), and 3.2B (Cookbook for Generic Terms), for consistency and efficiency purposes, all agenda items being interrelated. | Decision |
|  |  |  |  |
|  | **3** | **Matters remaining from Previous Meetings** |  |
|  | **3.1** | **Review of Actions from SCUFN-35 and transfer to the relevant agenda items (if appropriate)** |  |
|  |  | Skipped – All former and pending actions covered in other agenda items. Most if not all decisions from SCUFN-35 were implemented. |  |
|  | **3.2** | **3.2 Decision making process in SCUFN – Cookbook for Generic Terms – Repository of Typical Cases** |  |
|  |  |  |  |
| SCUFN36/03.2/01 |  | **SCUFN** noted the update provided by **SCUFN Member Ivaldi** suggesting new cases (from #38 to #48) to be included in the “Repository of Typical Cases” for the next version **2.0**, expected in **July 2024**.  **SCUFN Member Ivaldi** emphasized that the“Repository of Typical Cases” is a living document, supposed to be reviewed at every SCUFN meeting and updated after each session as appropriate (maintenance: **All** **SCUFN Members**, version in force managed by **SCUFN Members Ivaldi/Mackay**).  **SCUFN Members** to provide proposed amendments on version 1.0 and on new proposed updates suggested at SCUFN-36 (from #38 to #48) to **SCUFN Members** **Ivaldi/Mackay** for their consideration.  Based on inputs received, **SCUFN Members Ivaldi/Mackay** to submit draft proposed version **2.0** for approval at SCUFN-37. | **End of January 2024**  **End of March 2024** |
| SCUFN36/03.2/02 |  | **SCUFN Members** to provide proposed amendments on version **1.2** of the Cookbook for Generic Terms to **SCUFN Member** **Mackay** for his consideration.  **SCUFN** **Member** **Mackay** to make a proposal at the next meeting on the way forward for this Cookbook, on the existing relationship and possible coordination with multi-initiatives by the scientific community and the national geological surveys for developing a “standard” on generic terms that align with B-6 definitions (incremental development, eventually through a new Edition) and the SCUFN Cookbook for generic terms. See also the B-6-TwoPart-Cookbook comparison provided by Dr Nanson. | **End of January 2024**  **End of March 2024** |
| SCUFN36/03.2/03 |  | **SCUFN Secretary** to set up a repository of useful references on morphology, geomorphology, features definitions on the SCUFN website. A note will indicate that these living documents are to be used by proposers as complementary information to B-6 which remains the prescriptive and authoritative guidelines for undersea features naming. | **January 2024** |
| SCUFN36/03.2/04 |  | **SCUFN Member Mackay** to prepare a proposal on the definitions (in the Cookbook) for multiple features such as SEAMOUNTS, HILLS, and KNOLLS (number, size, etc.). | **SCUFN-37** |
|  | **3.3** | **Report and Recommendations of the SCUFN Sub-group on Generic Terms** |  |
|  |  | *Left blank intentionally* |  |
|  | **3.4** | **Minor Features and Horizontal Strategy** |  |
| SCUFN35.2/07 | 3.4 | **SCUFN** noted **SCUFN Member Ohara**’s Consolidated Proposal of integrated version of recommendations including Horizontal Strategy on Minor Features.  **SCUFN** agreed on the recommendation related to Minor Features to be included in a future Edition of B-6 (Doc. SCUFN35.2-03.4A refers) (“*SCUFN does not have any minimum size for features to be named. However as with terrestrial features, undersea features generally less than a few hundred meters across are usually not named except in special case that are usually based on historical and/or scientific significance. In these special circumstances, the proposer of the name of a minor undersea feature would need to describe the reason for proposing a minor feature in a proposal*”.) | Complete.  Decision. Complete.  (For the record) |
| SCUFN36/03.4/01 |  | **SCUFN** agreed that the minimum size of a feature to be considered by SCUFN should be greater than the GEBCO resolution grid for specific depth intervals. | Decision |
| SCUFN36/03.4/02 |  | With regard to abyssal hills, **SCUFN** agreed not to move to a statistical approach at this stage for naming such features. | Decision |
| SCUFN36/03.4/03 |  | With reference to Decisions and Actions SCUFN36/…above, **SCUFN** agreed to disband the Minor Feature and Horizontal Strategy Project Team. | Decision |
| SCUFN36/03.4/04 |  | **SCUFN Secretary** to upload the consolidated conclusion on the Minor Feature and Horizontal Strategy, together with the depth-dependent GEBCO grid, on the SCUFN Repository website, as a temporary solution, before amendments are considered for a future Edition of B-6. | **January 2024**  (grid resolution provided by SCUFN Member Mackay) |
|  |  |  |  |
|  | **3.6** | **Features named in scientific publications that do not align with current definitions of generic feature terms, do not conform to current principles for specific names** |  |
| SCUFN36/03.6/01 |  | After fruitful discussions, **SCUFN** agreed that B-6 clause I.C remains applicable and recommended a flexible and case-by-case approach. | Decision |
| SCUFN36/03.6/02 |  | **SCUFN** agreed to close this item “on scientific publications that do not align with…” | Decision |
|  |  |  |  |
|  | **3.7** | **SCUFN Sub-group B-6 I.D** |  |
| SCUFN36/03.7/01 | 3.7A | **SCUFN** noted the presentation by SCUFN Sub-group[[18]](#footnote-18) B-6 I.D **Co-Chair** **Said** on the progress of the work of SCUFN Sub-group B-6 I.D in drafting the TORs related to the assessment of evidence provided by national naming authorities and other parties. |  |
| SCUFN36/03.7/02 |  | **SCUFN** invited **SCUFN Members and Observers** to provide comments on the draft version **4.1** dated **28 October 2023**.  New version to be provided by the **Sub-Group Co-Chairs** to the **SCUFN Secretary** for submission to **SCUFN Members** for their approval. | **End of January 2024**  **End of March 2024** (to make sure that it is effective at the next SCUFN-37 meeting) |
| SCUFN36/03.7/03 |  | **SCUFN** agreed to *experiment* the applicability of draft version **4.1** of the TORs during SCUFN-36, if appropriate. | Decision There was no applicable case during SCUFN-36. |
|  |  |  |  |
|  | **3.8** | **Letter from Argentina about the GEBCO map distributed at the 32nd session of the IOC Assembly** |  |
| SCUFN36/03.8/01 |  | Noting Action SCUFN36/05.2/0.3 below (considerations for the evolution of the database model for accepting variants, on the future of SCUFN), **SCUFN** decided to abide by the decision made at SCUFN-29 (see para. 5.2.2 of the report) on dual naming for the time being. | Decision |
| SCUFN36/03.8/02 |  | **SCUFN Chair** to report at the next GGC meeting on this matter (Doc. SCUFN36-03.8B refers). | Deadline tbd |
|  |  |  |  |
|  | **4** | **Proposals Submitted during Intersessional Period** |  |
|  | **4.0** | **Situation Report on All Naming Proposals submitted to SCUFN-36 and pre-loaded in the GEBCO Gazetteer** |  |
| SCUFN36/04.0/01 |  | **SCUFN Secretary** to invite all proposers having ACCEPTED naming proposals to provide associated bathymetric data to the IHO DCDB[[19]](#footnote-19) (See https://www.ngdc.noaa.gov/iho/). |  |
| SCUFN36/04.0/02 |  | **SCUFN** noted the concerns of some Members and Secretariat, due to the significant number of naming proposals or equivalent (450) received since SCUFN-35.  Noting the available resources (12 SCUFN Members, SCUFN Secretariat, contracting support), following a proposal by the **Secretary**, **SCUFN** agreed that it was realistic and pragmatic to cap the number of naming proposals to 25 [per year/per proposer] per country, with a maximum total of 250 of naming proposals to be reviewed at every plenary meeting of SCUFN.  **SCUFN Chair/Secretary** to submit an amendment to the SCUFN TORs and ROPs accordingly, with immediate effect from SCUFN-36, and seek approval by the GGC by correspondence. | Decision  **31 January 2024** |
| SCUFN36/04.0/03 |  | **SCUFN** noted the statements from **China**, **Malaysia**, **Philippines**, and **Viet Nam** mainly addressing concerns due to the location of naming proposals in their areas of responsibility within the South China Sea.  **SCUFN Secretary** to upload these statements to the SCUFN-36 website, together with a disclaimer notice, as useful references. |  |
|  |  |  |  |
|  | **4.1** | **From Indonesia, PUSHIDROSAL** |  |
| SCUFN36/04.1/00 |  | **SCUFN** noted the statement by **Indonesia** on the general objectives for naming features in their archipelagic waters. |  |
| SCUFN36/04.1/01 |  | Proposal for Kawio Barat SEAMOUNT is kept PENDING, with complementary information (index map with reference to Kawio, polygon, …) to be provided by the proposer. |  |
| SCUFN36/04.1/02 |  | Proposal for Roa SEAMOUNT is NOT ACCEPTED. |  |
| SCUFN36/04.1/03 |  | Proposal for Maselihe SEAMOUNT is NOT ACCEPTED. |  |
| SCUFN36/04.1/04 |  | Proposal for Naung SEAMOUNT is ADOPTED, with the polygon to be modified accordingly. |  |
| SCUFN36/04.1/05 |  | Proposal for Emas REEF is ADOPTED. |  |
| SCUFN36/04.1/06 |  | Proposal for Tabuan HILL is ADOPTED. |  |
| SCUFN36/04.1/07 |  | Proposal for Menjangan HILL is ADOPTED. |  |
| SCUFN36/04.1/08 |  | Proposal for Lamakera BANK is ADOPTED. |  |
| SCUFN36/04.1/09 |  | Proposal for Cukuredak HILL is ADOPTED. |  |
| SCUFN36/04.1/10 |  | Proposal for Kangean HILL is ADOPTED. |  |
| SCUFN36/04.1/11 |  | Proposal for Aurora BASIN is ADOPTED. |  |
| SCUFN36/04.1/12 |  | To avoid the existence in the GEBCO Gazetteer of two duplicate names, **SCUFN Member Coffin** to liaise with the **AHO** to consider renaming Aurora BANK to Aurora Australis BANK. | Action complete. SCUFN accepts duplicate names in the Gazetteer for Aurora BANK. AHO does not intend to modify this name since already charted as Aurora BANK. |
|  |  |  |  |
|  | **4.2** | **From Australia, AUSTRALIAN NATIONAL UNIVERSITY, CANBERRA** |  |
| SCUFN36/04.2/01 |  | Proposal for Bonney CANYON is ACCEPTED. |  |
| SCUFN36/04.2/02 |  | Proposal for Bonney East CANYON is ACCEPTED. |  |
| SCUFN36/04.2/03 |  | Proposal for Rivoli CANYON is kept PENDING. Proposer to prepare a new proposal with the polygon extended to the South (to include the proposed Rivoli East Canyon). |  |
| SCUFN36/04.2/04 |  | Proposal for Rivoli East CANYON is NOT ACCEPTED. |  |
| SCUFN36/04.2/05 |  | Proposal for Bocara CANYON is ACCEPTED. |  |
| SCUFN36/04.2/06 |  | Proposal for Nelson CANYON is ACCEPTED. |  |
| SCUFN36/04.2/07 |  | Proposal for Keble CANYON is ACCEPTED. |  |
| SCUFN36/04.2/08 |  | Proposal for Armand CANYON is ACCEPTED. |  |
|  |  |  |  |
|  | **4.3** | **From USA, UNIVERSITY OF HAWAII** |  |
| SCUFN36/04.3/01 |  | Proposal for Ulithi PLATE is NOT ACCEPTED. | Proposer was informed by Secretary (email: 16 Jan. 2023) that proposal would not be accepted since generic term not in B-6: no response was received prior to the SCUFN36 meeting. |
|  |  |  |  |
|  | **4.4** | **From UK, SAINT HELENA GOVERNMENT** |  |
| SCUFN36/04.4/01 |  | Proposal for [~~Corporal William~~] Glass [~~SEAMOUNT~~] is ACCEPTED, with the specific term modified to Glass, and the generic term modified to GUYOT. |  |
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|  | **4.5** | **From Mexico, INAPESCA** |  |
| SCUFN36/04.5/01 |  | Proposal for Cárdenas SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.5/02 |  | Proposal for Lluch SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.5/03 |  | Proposal for Ramírez SEAMOUNT is ACCEPTED. |  |
|  |  |  |  |
|  | **4.6** | **From China, CCUFN** |  |
| SCUFN36/04.6/01 |  | After considerable discussions, despite the decision made at SCUFN-35, noting the sensitivity of the location of naming proposals in the South China Sea, in line with statements made by Member States represented (**CN, PH, MY, VN**), **SCUFN** agreed “to freeze” the SCS for naming proposals until a joint proposal on the way forward is submitted by all interested parties.  Decision was made through a vote on Question SCUFN36/01: “*In application of ROP 2.10, do SCUFN Members consider that all proposals located in the SCS should be frozen until a joint proposal on the way forward is made to SCUFN by the interested parties?*” (Outcome of the voting procedure by secret ballot: 7 (yes) to 5 (no)). | Decision |
|  |  | Proposal for Fenghuo PLATEAU |  |
|  |  | Proposal for Fenghuo VALLEY |  |
|  |  | Proposal for Qiuyue SEAMOUNT |  |
|  |  | Proposal for Guancheng SEAMOUNT |  |
|  |  | Proposal for Yuye HILL |  |
|  |  | Proposal for Jinjia SEAMOUNT |  |
|  |  | Proposal for Damo SEAMOUNTS |  |
|  |  | Proposal for Yishi SEAMOUNT |  |
|  |  | Proposal for Yunsha SEAMOUNT |  |
|  |  | Proposal for Changyun RIDGE |  |
|  |  | Proposal for Loulan SEAMOUNT |  |
|  |  | Proposal for Suiye SEAMOUNTS |  |
|  |  | Proposal for Rimu SEAMOUNT |  |
|  |  | Proposal for Guanshan KNOLL |  |
|  |  | Proposal for Xinsheng RIDGE |  |
|  |  | Proposal for Huping VALLEY |  |
|  |  | Proposal for Haifeng RIDGE |  |
|  |  | Proposal for Huanghun SEAMOUNT |  |
|  |  | Proposal for Mata SEAMOUNT |  |
|  |  | Proposal for Shuangxi HILL |  |
|  |  | Proposal for Jingxi HILL |  |
|  |  | Proposal for Qiangdi SEAMOUNT |  |
|  |  | Proposal for Gucheng SEAMOUNT |  |
|  |  | Proposal for Yumen BASIN |  |
|  |  | Proposal for Pipa SEAMOUNT |  |
|  |  | Proposal for Chongxiao SEAMOUNT |  |
|  |  | Proposal for Cangmang SEAMOUNT |  |
|  |  | Proposal for Mingyue SEAMOUNT |  |
|  |  | Proposal for Liushuang HILLS |  |
|  |  | Proposal for Luoyue HILL |  |
|  |  | Proposal for Jiangliu HILL |  |
|  |  | Proposal for Chengyue SEAMOUNT |  |
|  |  | Proposal for Jiangtian SPUR |  |
|  |  | Proposal for Lanbaoshi SEAMOUNT |  |
|  |  | Proposal for Hongbaoshi SEAMOUNT |  |
|  |  | Proposal for Zuanshi SEAMOUNT |  |
|  |  | Proposal for Yuping RIDGE |  |
|  |  | Proposal for Yude HILL |  |
|  |  | Proposal for Zhizhong HILL |  |
|  |  | Proposal for Shimei HILL |  |
|  |  | Proposal for Yupei SEAMOUNT |  |
|  |  | Proposal for Yupan HILL |  |
|  |  | Proposal for Bixi RIDGE |  |
|  |  | Proposal for Yuse RIDGE |  |
|  |  | Proposal for Chuncui HILL |  |
|  |  | Proposal for Biyu HILL |  |
|  |  | Proposal for Jingbi HILL |  |
|  |  | Proposal for Wanbi HILL |  |
|  |  | Proposal for Meiyu RIDGE |  |
|  |  | Proposal for Pianyu RIDGE |  |
|  |  | Proposal for Wuyouxing |  |
|  |  | Proposal for Sunsimiao SEAMOUNT |  |
|  |  | Proposal for Lishizhen RIDGE |  |
|  |  | Proposal for Qinguan SEAMOUNT |  |
|  |  | Proposal for Mifu SEAMOUNT |  |
|  |  | Proposal for Luyou SEAMOUNT |  |
|  |  | Proposal for Fanzhongyan SEAMOUNT |  |
|  |  | Proposal for Hezhu SEAMOUNT |  |
|  |  | Proposal for Zhugong RIDGE |  |
|  |  | Proposal for Lianzhu RIDGE |  |
|  |  | Proposal for Qiuzhu HILL |  |
|  |  | Proposal for Beipo GUYOT |  |
|  |  | Proposal for Jinqing SEAMOUNT |  |
|  |  | Proposal for Jiaolong HILL |  |
|  |  | Proposal for Qianlong HILL |  |
|  |  | Proposal for Lingyan SEAMOUNT |  |
|  |  | Proposal for Zibei SEAMOUNT |  |
|  |  | Proposal for Zhenbei SEAMOUNT |  |
|  |  | Proposal for Gualuo RIDGE |  |
|  |  | Proposal for Beiyue SEAMOUNT |  |
|  |  | Proposal for Nanyue SEAMOUNT |  |
|  |  | Proposal for Junzheng SEAMOUNT |  |
|  |  | Proposal for Shitangbei SEAMOUNT |  |
|  |  | Proposal for Shitang RIDGE |  |
|  |  | Proposal for Shitangdong SEAMOUNT |  |
|  |  | Proposal for Qinghe CANYON |  |
|  |  | Proposal for Zhangtong SEAMOUNT |  |
|  |  | Proposal for Baochuan CANYONS |  |
|  |  |  |  |
|  | **4.7** | **From Philippines, NAMRIA** |  |
| SCUFN36/04.7/01 |  | Proposal for Batikuling [~~HILL~~] is ACCEPTED, with generic term modified as KNOLL. |  |
| SCUFN36/04.7/02 |  | Proposal for Alagau [~~SEAMOUNT~~] is ACCEPTED, with generic term modified as HILL. |  |
| SCUFN36/04.7/03 |  | Proposal for Hauili TROUGH is ACCEPTED. |  |
| SCUFN36/04.7/04 |  | Proposal for Mapilig [~~SEAMOUNT~~] is ACCEPTED, with the generic term modified to HILL. |  |
| SCUFN36/04.7/05 |  | Proposal for Malungai RIDGE is ACCEPTED. |  |
| SCUFN36/04.7/06 |  | Proposal for Bagoadlau HILLS is ACCEPTED. |  |
| SCUFN36/04.7/07 |  | Proposal for Bunguron HILLS is ACCEPTED with the polygon to be extended in the south to include more peaks. |  |
| SCUFN36/04.7/08 |  | Proposal for Malakmalak RIDGE is ACCEPTED. |  |
| SCUFN36/04.7/09 |  | Proposal for Tambis HILL is ACCEPTED. |  |
| SCUFN36/04.7/10 |  | Proposal for Batino HILL is ACCEPTED. |  |
| SCUFN36/04.7/11 |  | Proposal for Tiga [~~RIDGES~~] is ACCEPTED, with the generic term modified to HILLS. |  |
|  |  | Proposal for Mainakit SEAMOUNT |  |
|  |  | Proposal for Mahipog ESCARPMENT |  |
|  |  | Proposal for Maimaton SEAMOUNT |  |
|  |  | Proposal for Poita GUYOT |  |
|  |  | Proposal for Maaru-on SEAMOUNT |  |
|  |  | Proposal for Maliga RIDGE |  |
|  |  | Proposal for Tundun SEAMOUNT |  |
|  |  | Proposal for Dewata SEAMOUNT |  |
|  |  | Proposal for Katig SEAMOUNT |  |
|  |  | Proposal for Salakot SEAMOUNT |  |
|  |  | Proposal for Cloma SPUR |  |
|  |  | Proposal for Cloma SADDLE |  |
|  |  | Proposal for Layag SEAMOUNT |  |
|  |  | Proposal for Nares SEAMOUNT |  |
|  |  | Proposal for Nares TROUGH |  |
|  |  | Proposal for Recto TROUGH |  |
|  |  | Proposal for Kanduli GUYOT |  |
|  |  | Proposal for Pigek HILL |  |
|  |  | Proposal for Lubang RISE |  |
|  |  | Proposal for Tulingan VALLEY |  |
|  |  | Proposal for Banak HOLE |  |
| SCUFN36/04.7/12 |  | Proposal for West Luzon BASIN is ADOPTED. |  |
| SCUFN36/04.7/13 |  | Proposal for Benham BANK is ADOPTED. |  |
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|  | **4.8** | **From Portugal, EMEPC** |  |
| SCUFN36/04.8/01 |  | Proposal for Gloria SEAMOUNT is NOT ACCEPTED (insufficient data). Proposer to submit more data and information to clearly identify the feature on the flank of the Azores-Biscay Rise (the use of GEBCO 2019 is not sufficient, sidescan sonar data not provided). |  |
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|  | **4.9** | **From Chile, SHOA** |  |
| SCUFN36/04.9/01 |  | Proposal for O´Higgins GUYOT is ACCEPTED. |  |
| SCUFN36/04.9/02 |  | Proposal for O´Higgins SEAMOUNT is ACCEPTED. |  |
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|  | **4.10** | **From Philippines, NAMRIA** |  |
| SCUFN36/04.10/01 |  | Proposal for Suluan SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.10/02 |  | Proposal for Homonhon SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.10/03 |  | Proposal for Candulo RIDGE is ACCEPTED. |  |
| SCUFN36/04.10/04 |  | Proposal for Bangkal HILLS is ACCEPTED. |  |
| SCUFN36/04.10/05 |  | Proposal for Apin BASIN is ACCEPTED. |  |
|  |  | Proposal for Tayag SEAMOUNT |  |
|  |  | Proposal for Poro HILL |  |
|  |  | Proposal for Mahmit SEAMOUNT |  |
|  |  | Proposal for Galang SEAMOUNT |  |
|  |  | Proposal for Maptog RIDGE |  |
|  |  | Proposal for Maptog HILL |  |
|  |  | Proposal for Ragsak RIDGE |  |
|  |  | Proposal for Napintas SEAMOUNT |  |
|  |  | Proposal for Tured RIDGE |  |
|  |  | Proposal for Sirib SEAMOUNT |  |
|  |  | Proposal for Dalos HILL |  |
|  |  | Proposal for Bangus SEAMOUNT |  |
|  |  | Proposal for Sapsap HILL |  |
|  |  | Proposal for Talakitok SEAMOUNT |  |
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|  | **4.11** | **From China, CCUFN** |  |
|  |  | Proposal for Daiyu CANYON |  |
|  |  | Proposal for Haiman CANYON |  |
|  |  | Proposal for Haishe CANYON |  |
|  |  | Proposal for Canghai SEAMOUNT |  |
|  |  | Proposal for Hongbo RIDGE |  |
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|  | **4.12** | **From New Zealand, NZGB** |  |
| SCUFN36/04.12/01 |  | Proposal for Onetāhua RISE is ADOPTED. |  |
| SCUFN36/04.12/02 |  | Proposal for Rangitoto-ki-te-Tonga / d'Urville VALLEY is ADOPTED. |  |
| SCUFN36/04.12/03 |  | Proposal for Taumoana CANYON is ADOPTED. |  |
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|  | **4.13** | **From UK, Ascension Government** |  |
| SCUFN36/04.13/01 |  | Proposal for Burns SEAMOUNT is kept PENDING. Proposer to provide a revised polygon, to be extended to capture at least the 3700 m contour for qualification as a seamount, if possible.  If not possible, revised proposal for HILLS or HILL to be submitted at the next meeting. | **SCUFN-37** |
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|  | **4.14** | **From Indonesia, PUSHIDROSAL** |  |
| SCUFN36/04.14/01 |  | Proposal for Kabaresy SEAMOUNT is ADOPTED. |  |
| SCUFN36/04.14/02 |  | Proposal for Oputa Yi Koo PEAK is NOT ACCEPTED. |  |
| SCUFN36/04.14/03 |  | Proposal for Tiahahu PEAK is ADOPTED (Born 1800, passed away 1818). |  |
| SCUFN36/04.14/04 |  | Proposal for Skaro Kacil SEAMOUNT is ADOPTED. |  |
| SCUFN36/04.14/05 |  | Proposal for Tadu SEAMOUNT is ADOPTED. |  |
| SCUFN36/04.14/06 |  | Proposal for Skaro Moromaho SEAMOUNT is ADOPTED. (Associated features to be clearly indicated in the index map for future submissions.). |  |
| SCUFN36/04.14/07 |  | Proposal for Ina Lao SEAMOUNT is ADOPTED. (For future submissions, index map of the location of all proposals to be provided.). |  |
| SCUFN36/04.14/08 |  | Proposal for Kadola SEAMOUNT is ADOPTED. |  |
| SCUFN36/04.14/09 |  | Proposal for Skaro [~~SADDLE~~] is ADOPTED, with the generic term modified to GAP. Proposer to provide linestring rather than polygon. |  |
| SCUFN36/04.14/10 |  | Proposal for [~~South~~] REEF is ADOPTED, with the specific term modified as Selatan. |  |
| SCUFN36/04.14/11 |  | Proposal for Balla Lompoa [~~FAN~~] is ADOPTED, with the generic term modified to SLOPE. |  |
| SCUFN36/04.14/12 |  | Proposal for La Maddukelleng HILL is ADOPTED (Born 1700 - Passed away 1765). |  |
| SCUFN36/04.14/13 |  | Proposal for Andi Mappanyukki HILL is ADOPTED. (Born 1885- Passed away April 1967). |  |
| SCUFN36/04.14/14 |  | Proposal for Pong Tiku [~~PLATEAU~~] is ADOPTED, with the generic term modified to REEF  (Born 1846 - Passed away July 1907). |  |
| SCUFN36/04.14/15 |  | Proposal for Badik REEF is ADOPTED. Case to be identified for inclusion in the *Repository of Typical Cases*. |  |
| SCUFN36/04.14/16 |  | Proposal for Bessing REEF is ADOPTED. |  |
| SCUFN36/04.14/17 |  | Proposal for Alamang REEFS is ADOPTED. |  |
| SCUFN36/04.14/18 |  | Proposal for Sededap [~~HILL~~] is ADOPTED, with the generic term modified to REEF. Geological supporting evidence to be provided. |  |
| SCUFN36/04.14/19 |  | Proposal for Gebe [~~MOUND~~] is ADOPTED, with the generic term modified to BANK. |  |
| SCUFN36/04.14/20 |  | Proposal for Poso REEF is ADOPTED. |  |
| SCUFN36/04.14/21 |  | Proposal for Sampara [~~MOUND~~] is ADOPTED, with the generic term modified to REEF. Geological supporting evidence to be provided. |  |
| SCUFN36/04.14/22 |  | Proposal for Toliba ~~MOUND~~ is ADOPTED, with the generic term modified to REEF. Geological supporting evidence to be provided. |  |
| SCUFN36/04.14/23 |  | Proposal for Uring REEF is ADOPTED. Geological supporting evidence to be provided. |  |
| SCUFN36/04.14/24 |  | Proposal for Gebe CANYON is ADOPTED. |  |
| SCUFN36/04.14/25 |  | Proposal for Aipiri CANYONS is ADOPTED. Extension of the polygon in the NW to be considered. |  |
| SCUFN36/04.14/26 |  | Proposal for Laga [~~FAN~~] is ADOPTED, with the generic term modified to APRON. |  |
| SCUFN36/04.14/27 |  | Proposal for Jogo Jagad SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.14/28 |  | Proposal for Pagai SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.14/29 |  | Proposal for Papen [~~MOUND~~] is ADOPTED, with the generic term modified to HILL. |  |
| SCUFN36/04.14/30 |  | Proposal for Lontor [~~MOUND~~] is ADOPTED, with the generic term modified to REEF. Geological supporting evidence to be provided. |  |
| SCUFN36/04.14/31 |  | Proposal for [~~Sukarno~~] [~~RIDGE~~] is ADOPTED, with the spelling of the specific term modified to Soekarno, and the generic term modified to SEAMOUNT CHAIN. |  |
| SCUFN36/04.14/32 |  | Proposal for Abang Komba SEAMOUNT is ADOPTED. |  |
| SCUFN36/04.14/33 |  | Proposal for Baruna Komba SEAMOUNT is ADOPTED. |  |
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|  | **4.15** | **From Brazil, DHN** |  |
| SCUFN36/04.15/01 |  | Proposal for Bacuri SEA CHANNEL is ACCEPTED. |  |
| SCUFN36/04.15/02 |  | Proposal for Forró SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.15/03 |  | Proposal for Hackspacher SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.15/04 |  | Proposal for Paracuru PLATEAU is NOT ACCEPTED. Proposer to provide more supporting evidences for the generic term if desired for a new proposal. |  |
| SCUFN36/04.15/05 |  | Proposal for Peri SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.15/06 |  | Proposal for Suguio GUYOT is ACCEPTED. |  |
| SCUFN36/04.15/07 |  | Proposal for Xaxado SEAMOUNT is ACCEPTED. |  |
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|  | **4.16** | **From New Zealand, NZGB** |  |
| SCUFN36/04.16/01 |  | Proposal for Kahurangi VALLEY is ACCEPTED with an extension of the linestring. |  |
| SCUFN36/04.16/02 |  | Proposal for Lower Paritū BASIN is ACCEPTED. |  |
| SCUFN36/04.16/03 |  | Proposal for Southwest Challenger HILLS is ACCEPTED. |  |
| SCUFN36/04.16/04 |  | Proposal for Southwest Challenger BANK is ACCEPTED. |  |
| SCUFN36/04.16/05 |  | Proposal for Adare SEA CHANNEL is ACCEPTED. |  |
| SCUFN36/04.16/06 |  | Proposal for Giljanes SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.16/07 |  | Proposal for Waite HILLS is ACCEPTED. |  |
| SCUFN36/04.16/08 |  | Proposal for Matahourua RIDGE is ACCEPTED. |  |
| SCUFN36/04.16/09 |  | Proposal for Petrel [~~SPUR~~] is ACCEPTED, with the generic term modified to RIDGE. (Avoids duplicate names). |  |
| SCUFN36/04.16/10 |  | Proposal for Paritū GAP is ACCEPTED. |  |
| SCUFN36/04.16/11 |  | Proposal for Coquille SEAMOUNT is ACCEPTED with the polygon to be reduced excluding the hills in the NW and SW. |  |
| SCUFN36/04.16/12 |  | Proposal for Veryan VALLEY is ACCEPTED. |  |
| SCUFN36/04.16/13 |  | Proposal for Paritū BASIN is ACCEPTED. |  |
| SCUFN36/04.16/14 |  | Proposal for Parea GUYOT is ACCEPTED. |  |
| SCUFN36/04.16/15 |  | Proposal for Christoffel HILL is ACCEPTED. |  |
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|  | **4.17** | **From Philippines, NAMRIA** |  |
|  |  | Proposal for Dorado SEAMOUNT |  |
|  |  | Proposal for Malasugi SEAMOUNT |  |
|  |  | Proposal for Biya HILL |  |
|  |  | Proposal for Danggit HILL |  |
|  |  | Proposal for Sinarapan HILL |  |
|  |  | Proposal for Lubang HILLS |  |
|  |  | Proposal for Pagi RIDGE |  |
|  |  | Proposal for Tawilis HILL |  |
|  |  | Proposal for Calauit HILL |  |
|  |  | Proposal for Bisugo SEAMOUNT |  |
|  |  | Proposal for Culion HILL |  |
|  |  | Proposal for El Nido SEAMOUNTS |  |
|  |  | Proposal for Banaba SEAMOUNT |  |
|  |  | Proposal for Masinop SEAMOUNT |  |
|  |  | Proposal for Mahinahon RIDGES |  |
|  |  | Proposal for Bagac RIDGES |  |
|  |  | Proposal for Manakom RIDGE |  |
|  |  | Proposal for Igat RIDGES |  |
|  |  | Proposal for Coscosleng RIDGES |  |
|  |  | Proposal for Mindanao RIDGES |  |
|  |  | Proposal for Akot RIDGES |  |
|  |  | Proposal for Butanding HILLS |  |
|  |  | Proposal for Pilipinas SEAMOUNT PROVINCE |  |
|  |  | Proposal for Bonbon RIDGE |  |
|  |  | Proposal for Baolan HILLS |  |
|  |  | Proposal for Minolo RIDGE PROVINCE |  |
|  |  | Proposal for Dapulo SEAMOUNT |  |
|  |  | Proposal for Abuyo RIDGE |  |
|  |  | Proposal for Achan HILL |  |
|  |  | Proposal for Asohos HILL |  |
|  |  | Proposal for Bulokot SEAMOUNT |  |
|  |  | Proposal for Sapa HILL |  |
|  |  | Proposal for Gabion RIDGE |  |
|  |  | Proposal for Puloan HILL |  |
|  |  | Proposal for Nagalumyom HILL |  |
|  |  | Proposal for Sandok RIDGE |  |
|  |  | Proposal for Calaghan HILL |  |
|  |  | Proposal for Samtoy RIDGES |  |
|  |  | Proposal for Kahabagan SEAMOUNT |  |
|  |  | Proposal for Calamianes SEAMOUNT |  |
|  |  | Proposal for Kiram HILL |  |
|  |  | Proposal for Kiram CANYON |  |
|  |  | Proposal for Matuod CANYON |  |
| SCUFN36/04.17/44 |  | Proposal for Fortes [~~RIDGE~~] is ACCEPTED, with the generic term to be modified to HILL. |  |
| SCUFN36/04.17/45 |  | Proposal for Alcala [~~PLATEAU~~] is ACCEPTED, with the generic term to be modified to RISE. |  |
| SCUFN36/04.17/46 |  | Proposal for Edgardo Gomez HILLS is ACCEPTED. |  |
| SCUFN36/04.17/47 |  | Proposal for Makaasim HILLS is ACCEPTED. |  |
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|  | **4.18** | **From Japan, JCUFN** |  |
| SCUFN36/04.18/01 |  | Proposal for [~~Higashi-An-ei~~] HILL is ACCEPTED, with the specific term modified to Hokuto-An-ei and revised proposal to be provided. |  |
| SCUFN36/04.18/02 |  | Proposal for An-ei HILL is ACCEPTED. |  |
| SCUFN36/04.18/03 |  | Proposal for Naka-An-ei SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.18/04 |  | Proposal for Nanto-An-ei SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.18/05 |  | Proposal for Kaei SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.18/06 |  | Proposal for Kita-Sofu ESCARPMENT is ACCEPTED. |  |
| SCUFN36/04.18/07 |  | Proposal for Minami-Sofu ESCARPMENT is ACCEPTED. |  |
| SCUFN36/04.18/08 |  | Proposal for Tenpo HOLE is ACCEPTED. |  |
| SCUFN36/04.18/09 |  | Proposal for Tenpo RIDGE is ACCEPTED with the polygon to be extended a little bit in the SW and one more profile in the SW to be provided by the proposer. |  |
| SCUFN36/04.18/10 |  | Proposal for Ishino RISE is ACCEPTED. |  |
| SCUFN36/04.18/11 |  | Proposal for Ishino SEAMOUNT is ACCEPTED. |  |
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|  | **4.19** | **From UK, SAINT HELENA GOVERNMENT** |  |
| SCUFN36/04.19/01 |  | Proposal for [~~Captain Rodney Young~~] SEAMOUNT is kept PENDING, with the specific term modified as Young. **Secretary** to liaise with the proposer.  So Proposal is ACCEPTED as Young SEAMOUNT. | Agreed by proposer (Email to Secretary, dated 8 Nov. 2023)  Complete. |
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|  | **4.20** | **From China, CCUFN** |  |
| SCUFN36/04.20/00 |  | **SCUFN** noted the statement from **Japan**, who has invited **CCUFN** to engage in mutual consultation since 9 naming proposals (#12 to #20) are located in the area of interest of Japan. | Mutual consultation in progress (note from JCUFN to CCUFN sent 27 October 2023) |
| SCUFN36/04.20/01 |  | Proposal for Zouyan [~~HILL~~] is ACCEPTED, with the generic term modified to HILLS. |  |
| SCUFN36/04.20/02 |  | Proposal for Denglongyu SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.20/03 |  | Proposal for Qiaoqun [~~GUYOT~~] is ACCEPTED, with the generic term modified to GUYOTS. |  |
| SCUFN36/04.20/04 |  | Proposal for Fengzhao SEAMOUNT is ACCEPTED, (one single feature with two peaks). |  |
| SCUFN36/04.20/05 |  | Proposal for Qianji [~~SEAMOUNT~~] is ACCEPTED, with the generic term modified to SEAMOUNTS. |  |
| SCUFN36/04.20/06 |  | Proposal for Shuangpan [~~SEAMOUNT~~] is ACCEPTED, with the generic term modified to SEAMOUNTS. |  |
| SCUFN36/04.20/07 |  | Proposal for Xinggu SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.20/08 |  | Proposal for Zhonghuahou [~~GUYOT~~] is ACCEPTED, with the generic term modified to SEAMOUNT. |  |
| SCUFN36/04.20/09 |  | Proposal for Haima [~~SEAMOUNT~~] is ACCEPTED, with the generic term modified to SEAMOUNTS. To be included in the Repository of Typical Case. |  |
| SCUFN36/04.20/10 |  | Proposal for Jingqiu SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.20/11 |  | Proposal for Qinyunshan SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.20/12 |  | Proposal for Changying RIDGE |  |
| SCUFN36/04.20/13 |  | Proposal for Changxia RIDGE |  |
| SCUFN36/04.20/14 |  | Proposal for Haotian SEAMOUNT |  |
| SCUFN36/04.20/15 |  | Proposal for Fangchun SEAMOUNT |  |
| SCUFN36/04.20/16 |  | Proposal for Jinqiu SEAMOUNT |  |
| SCUFN36/04.20/17 |  | Proposal for Jinsu SEAMOUNT |  |
| SCUFN36/04.20/18 |  | Proposal for Sushang SEAMOUNT |  |
| SCUFN36/04.20/19 |  | Proposal for Shachuan CANYON |  |
| SCUFN36/04.20/20 |  | Proposal for Suqiu SEAMOUNT |  |
| SCUFN36/04.20/21 |  | Proposal for Maojian RIDGE is ACCEPTED. |  |
| SCUFN36/04.20/22 |  | Proposal for Houkui HILL is ACCEPTED. |  |
| SCUFN36/04.20/23 |  | Proposal for Hongpao SEAMOUNT is ACCEPTED. |  |
| SCUFN36/04.20/24 |  | Proposal for Mingmei RIDGE is ACCEPTED. |  |
| SCUFN36/04.20/25 |  | Proposal for Xianhao RIDGE is ACCEPTED. |  |
| SCUFN36/04.20/26 |  | Proposal for Yinsuo HILL is ACCEPTED. |  |
| SCUFN36/04.20/27 |  | Proposal for Huangmei [~~SEAMOUNT~~] is ACCEPTED, with the generic term modified to RIDGE. |  |
| SCUFN36/04.20/28 |  | Proposal for Jintu HILL is ACCEPTED. |  |
|  |  | Proposal for Zuchongzhi HILL |  |
|  |  | Proposal for Qianyi SEAMOUNT |  |
|  |  | Proposal for Zhangzhongjing SEAMOUNT |  |
|  |  | Proposal for Beike SEAMOUNT |  |
|  |  | Proposal for Chibei SEAMOUNT |  |
|  |  | Proposal for Yibei SEAMOUNT |  |
|  |  | Proposal for Yuanzhen HILL |  |
|  |  | Proposal for Zhangji HILL |  |
|  |  | Proposal for Zhanghu SEAMOUNT |  |
|  |  | Proposal for Weiyingwu SEAMOUNT |  |
|  |  | Proposal for Hupo HILL |  |
|  |  | Proposal for Haima GUYOT |  |
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|  | **4.21** | **From Viet Nam, VHO** |  |
|  |  | Proposal for An Cư VALLEY |  |
|  |  | Proposal for An Dân SEAMOUNT |  |
|  |  | Proposal for An Điền HILLS |  |
|  |  | Proposal for An Hải HILL |  |
|  |  | Proposal for An Hòa Hải SEAMOUNT |  |
|  |  | Proposal for An Nhơn HILL |  |
|  |  | Proposal for An Trạch HILLS |  |
|  |  | Proposal for Bình Hải HILLS |  |
|  |  | Proposal for Bình Hòa HILL |  |
|  |  | Proposal for Bình Nam SPUR |  |
|  |  | Proposal for Bình Tân SPUR |  |
|  |  | Proposal for Bình Thạnh HILL |  |
|  |  | Proposal for Bình Thuận SEAMOUNT |  |
|  |  | Proposal for Bình Thắng CANYONS |  |
|  |  | Proposal for Cam Bình HILL |  |
|  |  | Proposal for Cam Hòa SPUR |  |
|  |  | Proposal for Cam Lập HILL |  |
|  |  | Proposal for Cam Linh HILL |  |
|  |  | Proposal for Cam Tân SEAMOUNT |  |
|  |  | Proposal for Cát Hải HOLE |  |
|  |  | Proposal for Cát Khánh RIDGE |  |
|  |  | Proposal for Cát Thành SEAMOUNT |  |
|  |  | Proposal for Chí Thạnh HILL |  |
|  |  | Proposal for Đất Mới HILL |  |
|  |  | Proposal for Đức Minh SEAMOUNT |  |
|  |  | Proposal for An Cư VALLEY |  |
|  |  | Proposal for An Dân SEAMOUNT |  |
|  |  | Proposal for An Điền HILLS |  |
|  |  | Proposal for An Hải HILL |  |
|  |  | Proposal for An Hòa Hải SEAMOUNT |  |
|  |  | Proposal for An Nhơn HILL |  |
|  |  | Proposal for An Trạch HILLS |  |
|  |  | Proposal for Bình Hải HILLS |  |
|  |  | Proposal for Bình Hòa HILL |  |
|  |  | Proposal for Bình Nam SPUR |  |
|  |  | Proposal for Bình Tân SPUR |  |
|  |  | Proposal for Bình Thạnh HILL |  |
|  |  | Proposal for Bình Thuận SEAMOUNT |  |
|  |  | Proposal for Bình Thắng CANYONS |  |
|  |  | Proposal for Cam Bình HILL |  |
|  |  | Proposal for Cam Hòa SPUR |  |
|  |  | Proposal for Cam Lập HILL |  |
|  |  | Proposal for Cam Linh HILL |  |
|  |  | Proposal for Cam Tân SEAMOUNT |  |
|  |  | Proposal for Cát Hải HOLE |  |
|  |  | Proposal for Cát Khánh RIDGE |  |
|  |  | Proposal for Cát Thành SEAMOUNT |  |
|  |  | Proposal for Chí Thạnh HILL |  |
|  |  | Proposal for Đất Mới HILL |  |
|  |  | Proposal for Đức Minh SEAMOUNT |  |
|  |  | Proposal for Giao Thạnh SEAMOUNT |  |
|  |  | Proposal for Hàm Tiến VALLEY |  |
|  |  | Proposal for Hàng Vịnh HOLE |  |
|  |  | Proposal for Hoà Bình HOLE |  |
|  |  | Proposal for Hòa Thắng HILL |  |
|  |  | Proposal for Hoà Trị HILL |  |
|  |  | Proposal for Hoài Châu SEAMOUNT |  |
|  |  | Proposal for Hoài Đức SEAMOUNT |  |
|  |  | Proposal for Hoài Hải HILL |  |
|  |  | Proposal for Hoài Mỹ HOLE |  |
|  |  | Proposal for Khánh Hải VALLEY |  |
|  |  | Proposal for Lạc Hòa HILL |  |
|  |  | Proposal for Lâm Hải HILL |  |
|  |  | Proposal for Lộc Thọ SEAMOUNT |  |
|  |  | Proposal for Lợi An CANYON |  |
|  |  | Proposal for Long Toàn HILL |  |
|  |  | Proposal for Lương Sơn HILLS |  |
|  |  | Proposal for Mũi Né GUYOT |  |
|  |  | Proposal for Mỹ An CANYONS |  |
|  |  | Proposal for Mỹ Đức HILL |  |
|  |  | Proposal for Mỹ Hòa HILL |  |
|  |  | Proposal for Mỹ Long HILL |  |
|  |  | Proposal for Mỹ Thắng SEAMOUNT |  |
|  |  | Proposal for Mỹ Thành HILL |  |
|  |  | Proposal for Năm Căn GUYOT |  |
|  |  | Proposal for Ngũ Phụng HILL |  |
|  |  | Proposal for Nhơn Bình HILL |  |
|  |  | Proposal for Nhơn Lý HILLS |  |
|  |  | Proposal for Ninh Diêm HILLS |  |
|  |  | Proposal for Phổ Vinh SEAMOUNT |  |
|  |  | Proposal for Phong Điền HILLS |  |
|  |  | Proposal for Phú Long RIDGE |  |
|  |  | Proposal for Phú Mỹ HILL |  |
|  |  | Proposal for Phú Thuận SEAMOUNT CHAIN |  |
|  |  | Proposal for Phước Diêm HILL |  |
|  |  | Proposal for Phước Đồng SEAMOUNT |  |
|  |  | Proposal for Phước Hải HILL |  |
|  |  | Proposal for Phước Nam HILL |  |
|  |  | Proposal for Phước Thể HILL |  |
|  |  | Proposal for Rạch Chèo HILL |  |
|  |  | Proposal for Suối Tân HILLS |  |
|  |  | Proposal for Tam Hòa HILL |  |
|  |  | Proposal for Tam Quan HILL |  |
|  |  | Proposal for Tam Tiến SLOPE |  |
|  |  | Proposal for Tân Đức HILL |  |
|  |  | Proposal for Tân Phước HILL |  |
|  |  | Proposal for Tân Thuận HILL |  |
|  |  | Proposal for Tân Tiến HILL |  |
|  |  | Proposal for Thạnh Phong HILL |  |
|  |  | Proposal for Thạnh Phước HILL |  |
|  |  | Proposal for Thiện Nghiệp HILL |  |
|  |  | Proposal for Thừa Đức HILL |  |
|  |  | Proposal for Tịnh Khê HILL |  |
|  |  | Proposal for Tịnh Kỳ HILL |  |
|  |  | Proposal for Trần Thới SEAMOUNT |  |
|  |  | Proposal for Trung Bình CANYON |  |
|  |  | Proposal for Việt Thắng VALLEY |  |
|  |  | Proposal for Vĩnh Bình BANK |  |
|  |  | Proposal for Vĩnh Hải HILL |  |
|  |  | Proposal for Vĩnh Hiệp SEAMOUNT |  |
|  |  | Proposal for Vĩnh Phương HILL |  |
|  |  | Proposal for Vĩnh Tân SEAMOUNT |  |
|  |  | Proposal for Vĩnh Trạch BANK |  |
|  |  | Proposal for Xuân An RIDGE |  |
|  |  | Proposal for Xuân Đài HILL |  |
|  |  | Proposal for Xuân Phương HILLS |  |
|  |  |  |  |
|  | **4.22** | **From Canada, CHS** |  |
| SCUFN36/04.22/00 |  | Proposal for SG̲áan K̲ínghlas-Bowie SEAMOUNT is ACCEPTED, with clarification to be provided by the proposer with regard to the Associated feature Davidson. |  |
| SCUFN36/04.22/01 |  | Proposal for Admirals FINGER is ADOPTED (B-6 clause I.C applies). **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. | Complete |
| SCUFN36/04.22/02 |  | Proposal for Alexander BANK is ADOPTED. |  |
| SCUFN36/04.22/03 |  | Proposal for Baffin BASIN is ADOPTED. |  |
| SCUFN36/04.22/04 |  | Proposal for Beaufort SHELF is ADOPTED. |  |
| SCUFN36/04.22/05 |  | Proposal for Buchan TROUGH is ADOPTED. |  |
| SCUFN36/04.22/06 |  | Proposal for Cameron CANYON is ADOPTED. |  |
| SCUFN36/04.22/07 |  | Proposal for Carson CANYON is ADOPTED. |  |
| SCUFN36/04.22/08 |  | Proposal for Clifford Smith CANYON is ADOPTED. |  |
| SCUFN36/04.22/09 |  | Proposal for Guy CANYON is ADOPTED. |  |
| SCUFN36/04.22/10 |  | Proposal for Hamilton SPUR is ADOPTED. |  |
| SCUFN36/04.22/11 |  | Proposal for Harrison BANK is ADOPTED. |  |
| SCUFN36/04.22/12 |  | Proposal for Hecla and Griper BANK is ADOPTED. |  |
| SCUFN36/04.22/13 |  | Proposal for Hopedale SADDLE is ADOPTED. |  |
| SCUFN36/04.22/14 |  | Proposal for Isabella BANK is ADOPTED. |  |
| SCUFN36/04.22/15 |  | Proposal for Kettle CANYON is ADOPTED. |  |
| SCUFN36/04.22/16 |  | Proposal for Kugmallit PINGOS is ADOPTED. **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. | Complete |
| SCUFN36/04.22/17 |  | Proposal for Kugmallit VALLEY is ADOPTED. |  |
| SCUFN36/04.22/18 |  | Proposal for Lilly CANYON is ADOPTED. |  |
| SCUFN36/04.22/19 |  | Proposal for Liverpool BARS is ADOPTED. **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. | Complete |
| SCUFN36/04.22/20 |  | Proposal for McKinley PINGOS is ADOPTED. **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. | Complete |
| SCUFN36/04.22/21 |  | Proposal for McKinley RIDGE is ADOPTED. |  |
| SCUFN36/04.22/22 |  | Proposal for Niglik VALLEY is ADOPTED. |  |
| SCUFN36/04.22/23 |  | Proposal for Pelly LOBE is ADOPTED. **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. | Complete |
| SCUFN36/04.22/24 |  | Proposal for Pullen PINGOS is ADOPTED. **SCUFN Secretary** to investigate the possibility to add non-compliant generic term in the GEBCO Gazetteer in the database. |  |
| SCUFN36/04.22/25 |  | Proposal for Tingmiark VALLEY is ADOPTED. |  |
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|  | **4.23** | **From Malaysia, NHC** |  |
|  |  | Proposal for Melanau HILL |  |
|  |  | Proposal for Kasturi CANYON |  |
|  |  | Proposal for Kayan HILL |  |
|  |  | Proposal for Kinabalu SEAMOUNT |  |
|  |  | Proposal for Gaharu SEA CHANNEL |  |
| SCUFN36/04.23/06 |  | Proposal for Keris PLATEAU was withdrawn in session by the proposer. | Decision |
|  |  | Proposal for Cengal SEA CHANNEL |  |
|  |  | Proposal for Serunai ESCARPMENT |  |
|  |  | Proposal for Ledang SEAMOUNT |  |
|  |  | Proposal for Sapeh ESCARPMENT |  |
|  |  | Proposal for Kensiu HILL |  |
|  |  | Proposal for Kanaq HILL |  |
|  |  |  |  |
|  | **5** | **Liaison with Other Geographical Naming Bodies** |  |
|  | **5.1** | **Advisory Committee on Undersea Features (ACUF) of the US Board on Geographic Names** |  |
| SCUFN36/05.1/01 |  | **SCUFN Members** noted the update report provided by ACUF’s representatives [outgoing (**Leigha Peterson**) and incoming (**Ryan Moore**) Secretary]…, and welcomed the short demo of the US Geographic Names Server:  https://geonames.nga.mil/geonames/GNSHome/index.html |  |
|  |  |  |  |
|  | **5.2** | **Undersea Names Committee of the New Zealand Geographic Board (NZGB)** |  |
| SCUFN36/05.2/01 |  | With reference to Doc. SCUFN36-07.2D (Annex C), the **SCUFN Secretariat** confirmed that the 15 names proposed by AWI, Germany, had been removed from the GEBCO Gazetteer, due to the unfruitful outcome of the mutual consultation process between AWI and the NZGB (no significant progress in NZ with indigenous concerned by the naming proposals in their area of interest) ), and in application of SCUFN32/188 (SCUFN33/47) due to more than two years PENDING. |  |
| SCUFN36/05.2/02 |  | However, **SCUFN** noted that the **SCUFN Secretariat** had no doubt that the bathymetric data had been / or would be provided to the GEBCO DCDB. To be confirmed by **Secretary.** | **January 2024**  Complete (Reference: SCUFN Member Mackay’s statement). |
| SCUFN36/05.2/03 |  | To prevent SCUFN from facing this unfortunate situation in the future, the **SCUFN Secretary** suggested that an exploratory discussion paper is prepared for the next meeting with the following objectives:   * To consider the use of Geographic Unique Identifier (and therefore engage in the development of a new but simple Undersea Feature naming data model, S-100 compatible), [GUI: corresponding for instance to SCUFN33\_#XYZ\_GenericTerm?] in order to keep in the database, as a minimum, all the information already assessed and technically accepted by SCUFN. * To consider the usefulness of this option for such features located in disputed areas (SCS) until issues are solved, until mutual consultation period is over for pending names, * To consider the usefulness of this option for allowing multiple languages, multiple variants (specific terms, indigenous names, etc.) in the future, * To consider the usefulness of this option to prepare the future of SCUFN and the radical improvement of marine knowledge for humankind in the Ocean Decade, thanks to the projects and efforts supported by Nippon Foundation, Seabed 2030, and other initiatives … * To consider in parallel the impact of the development within SCUFN of a robust Cookbook for Generic Terms, the use of AI incorporating the Repository of Typical Cases into algorithms of Automated Features Detection, … * …these components offering a totally new James Webb-Space-Telescope-like dimension to the work of SCUFN. | **SCUFN-37** |
| SCUFN36/05.2/04 |  | **SCUFN** agreed to set up a new Sub-Group the **SCUFN Naming 2030 Sub-Group** (SCUFN Members X, Y, Z + UFNPT Members + Marine Regions, ACUF…led by …) for this purpose.  Useful Reference: See  [IAU Working Group on Star Names](https://www.iau.org/science/scientific_bodies/working_groups/280/). (Example: RIGEL = HR 1713). Draft TORs, etc. to be proposed with the discussion paper at the next meeting.  **SCUFN** noted the huge benefits of such an approach for the credibility, the visibility, the efficiency of SCUFN within GEBCO in the future. Communication aspects, with parallels to IAU WG activities, to be promoted at different fora. | SCUFN-37 |
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|  | **5.3** | **Activities of Marine Regions of interest to SCUFN** |  |
| SCUFN36/05.3/01 |  | **SCUFN** welcomed the report from Marine Regions. |  |
| SCUFN36/05.3/02 |  | **SCUFN Secretariat** and **Marine Regions[[20]](#footnote-20)** to consider the development of a formal Memorandum of Understanding in support of SCUFN activities, covering data exchange and licensing, as appropriate. | **SCUFN-37/-38** |
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|  | **5.4** | **United Nations Group of Experts on Geographical Names (UNGEGN) – List of Naming Authorities** |  |
| SCUFN36/05.4/01 |  | **SCUFN** took note of the report made by **SCUFN Member Palmer**, who acts as liaison officer with UNGEGN on behalf of the IHO. |  |
| SCUFN36/05.4/02 |  | **SCUFN Secretary** provided an update on the List of Naming Authorities and reported on the possible consequences of making naming proposals publicly available prior to SCUFN meetings, while the List of Coastal States (Naming Authorities) willing to be informed increases every year.  **SCUFN** agreed to keep the status quo for the time being, noting that an evolution of the current procedures needs to be considered for a more straightforward management procedure of this issue in the future. | **SCUFN-38 and continue** |
| SCUFN36/05.4/03 |  | **SCUFN Secretariat** to add Australia\* and Palau\* in the List of Naming Authorities. | **November 2023** |
|  |  |  |  |
|  | **7** | **Gazetteer of Undersea Feature Names** |  |
|  | **7.1** | **Maintenance of the on-line interface to GEBCO Gazetteer database – SCUFN Operational Web Services** |  |
| SCUFN36/07.1/01 |  | **SCUFN** commended **NOAA**, **Ms Jennifer Jencks, Director of DCDB**, and **Mr Chris Slater, Lead Software Engineer (NOAA/NCEI/CIRES)** for their outstanding and continuous commitment, professionalism, reactivity, and efficiency in the maintenance and evolution of the GEBCO Gazetteer since the last meeting. |  |
| SCUFN36/07.1/02 |  | **SCUFN** invited:  1. **SCUFN Members** test Gazetteer v5 and notify the IHO DCDB of any issues.  2. **SCUFN Members** provide support and feedback when needed during development of the GEBCO Gazetteer and SCUFN Operational Web Services (OWS) integration.  3. **KHOA’s SCUFN OWS developers** continue to test with the Gazetteer v5 test environment and let GEBCO Gazetteer developers know of any issues, changes, or questions.  4. **SCUFN Members** let GEBCO Gazetteer developers know when upgrades to Gazetteer v5 are appropriate. | **Permanent** |
|  |  |  |  |
|  | **7.2** | **Maintenance of the GEBCO Gazetteer database (including PENDING names)** |  |
| SCUFN36/07.2/01 |  | **SCUFN** noted report on updating Gazetteer from undersea feature naming decisions and actions from SCUFN-35.2 by **SCUFN Secretary**. |  |
| SCUFN36/07.2/02 |  | **SCUFN** noted report on monitoring the list of PENDING names by **SCUFN Secretary**. |  |
| SCUFN36/07.2/03 |  | As an outcome of the discussion on the proposed amendments by **SCUFN Member Ohara**’s to the [procedure in force for SCUFN intersessional work (December 2022)](https://iho.int/uploads/user/Inter-Regional%20Coordination/GEBCO/SCUFN/MISC/SCUFN_Intersessional%20SCUFN%20Work%20by%20Correspondence_December2022.pdf), **SCUFN** **Secretary** to prepare the subsequent amendments to the current procedure on the following grounds:   * Application scope unchanged and one single step procedure; * To avoid ambiguities, upstream decisions and instructions for complex cases to be made at plenary sessions (consequence: more NOT ACCEPTED names with invitation to re-submit, and less PENDING names).   **SCUFN Secretary** to circulate amendments to SCUFN Members and once approved by correspondence, to upload the updated modalities on the SCUFN website in addition to SCUFN TORs and ROPs. | **January 2024** |
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|  | **7.3** | **Development of the IHO SCUFN Archive/Repository/Submission as a component of SCUFN Operational Web Services** |  |
| SCUFN36/07.3/01 |  | **SCUFN** commended **KHOA**’s representative for the update on SCUFN OWS maintenance and development plan. |  |
| SCUFN36/07.3/02 |  | Acknowledging the need to reinforce and provide a better support to the management structure of these developments, **SCUFN Member Lee** in liaison with **KHOA** to develop a spreadsheet template to be filled by testers during the experimentation phase (functionalities, corrective actions, improvements, prioritization: necessary/important/nice-to-do, timelines, who, poc, etc.). Spreadsheet to be maintained by the management structure. Every second month meetings to be arranged to monitor progress (Action **KHOA** in liaison with **SCUFN Member Lee and Secretariat**) | **January 2024, March 2024** |
| SCUFN36/07.3/03  (former SCUFN36/229) |  | **SCUFN** invited **CCUFN (China), JCUFN (Japan), NHC (Malaysia)** to consider the possibility of testing the SCUFN OWS / Submission interface operated by KHOA (**Republic of Korea**) for a few naming proposals in 2024 and report back on the testing and recommendations at the next meeting. | **March 2024**  **SCUFN-37** |
| SCUFN36/07.3/04 |  | **SCUFN** invited **KHOA** to ensure that the GEBCO Gazetteer database used in the SCUFN OWS is kept up-to-date 3 months ahead of the review period for each meeting and that no maintenance or upgrade is made on operational versions during the review period.  Test environment to be set up. |  |
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|  | **8** | **Undersea Feature Names Project Team (UFNPT)** |  |
|  | **8.1** | **UFN PT and Detection of Undersea Features** |  |
| SCUFN36/08.1/01 |  | **SCUFN** approved the new UFN PT Objectives and Tasks.  The **UFN PT** to submit proposed amendment to the TORs of the PT for approval at next SCUFN meeting. | Decision |
| SCUFN36/08.1/02 |  | **SCUFN** to consider the partnership with the Ocean Decade project of Detection of Undersea Features, then **SCUFN Chair** to sign the Project Plan once it is finalized. | **Mid-December 2023** |
| SCUFN36/08.1/03 |  | **SCUFN** agreed to assign the **UFNPT** to work on behalf of SCUFN in the Ocean Decade project of Detection of Undersea Features and tasked the **UFNPT** to report on this matter at every SCUFN meeting |  |
| SCUFN36/08.1/04 |  | **SCUFN** noted that the request to HSSC for an S-1xx number to develop the Specification for Undersea Features, had been postponed until after the release of S-100 for navigation. |  |
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|  | **9** | **Any Other Business** |  |
|  | **9.1** | **Any other business – Tutorial – Map the Gaps** |  |
| SCUFN36/09.1/01 |  | **SCUFN** welcomed the suggestion from **SCUFN Member Mackay** that SCUFN considers the development of some tutorial (video) on SCUFN activities (Objectives: introduction to B-6 and procedural education, improvement of the quality of naming proposals, attractivity enhancement, etc.). |  |
| SCUFN36/09.1/02 |  | **SCUFN Member Mackay** (supported by **SCUFN Member Ivaldi**) to lead this project and investigate the available resources in academia to undertake this project. | **SCUFN-37** |
| SCUFN36/09.1/03 |  | **SCUFN Secretary** presented a short excerpt of the *Map the Gaps* symposium live video where Mr Victor Vescovo makes comments on SCUFN activities.  <https://www.youtube.com/watch?v=5Jtdp5y2aTQ> |  |
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|  | **10** | **Review of the draft List of Decisions and Actions** |  |
|  | **10.1** | **SCUFN Programme of Work and Draft List of Decisions and Actions from SCUFN-36** |  |
|  |  | *Left intentionally blank.* |  |
|  | **10.2** | **Update on the Seabed 2030 Project** |  |
| SCUFN36/10.2/01 |  | **SCUFN** welcomed the update provided by **SCUFN Member Mackay** and noted the countries who contributed to the IHO DCDB. |  |
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|  | **11** | **SCUFN Membership – Election of Chair and Vice-Chair** |  |
| SCUFN36/11/01 |  | In accordance with SCUFN ROPs, **SCUFN** elected**:**   * **Dr Yasuhiko Ohara** for the position of Chair, * **Dr Najhan MD Said,** for the position of Vice-Chair.   with immediate effect at the closure of the meeting.  **SCUFN Secretary** to seek for **GGC**’s endorsement in parallel (SCUFN ROP 2.2). | Decision |
|  |  |  |  |
|  | **12** | **Dates and Venues for the Next Meetings – Business continuity** |  |
| SCUFN36/12/01 |  | **SCUFN** welcomed the offer from **the Republic of Korea (KIGAM, KHOA)** to hold the next meeting in 2024 (24 – 28 June 2024) in Jeju, Republic of Korea.  …and agreed that the format used at SCUFN-36 (closed opening session - and optional closing session - working group sessions, open plenary sessions, in-person) was efficient. |  |
| SCUFN36/12/02 |  | **SCUFN** welcomed also the offers and noted the possible options for future SCUFN meetings in 2025 (**Indonesia**, *to be confirmed at SCUFN-37*), (**Japan**, in 2026). |  |
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|  | **13** | **Conclusion** |  |
| SCUFN36/13/01 |  | **SCUFN Chair** thanked the participants for their active participation and support. The **Secretary** thanked the host country and AHO staff for their very efficient support in the preparation of the meeting, kindness, and efficient and operational support during the event. |  |

1. Ms Anna Hendi, Chair of the SCUFN UFN Project Team, participated remotely on video-teleconference for the agenda item covering the Automated Detection of Features. [↑](#footnote-ref-1)
2. British Geological Survey. [↑](#footnote-ref-2)
3. India and Sri Lanka were registered but no present. [↑](#footnote-ref-3)
4. SCUFN Members Li (Co-Chair), MD Said (Co-Chair), Palmer, and Coffin. [↑](#footnote-ref-4)
5. GEBCO Sub-Committee on Geographical Names and Nomenclature of Ocean Bottom Features [↑](#footnote-ref-5)
6. https://www.ngdc.noaa.gov/iho/SubmittingMarineGeophysicalData.pdf [↑](#footnote-ref-6)
7. ADOPTED used here because features located in the archipelagic waters of Indonesia. [↑](#footnote-ref-7)
8. IHO Secretariat’s email dated 23 December 2023 refers. [↑](#footnote-ref-8)
9. <https://www.youtube.com/watch?v=5Jtdp5y2aTQ> (from 42 min 00 sec). [↑](#footnote-ref-9)
10. <https://www.youtube.com/watch?v=5Jtdp5y2aTQ> (from 42 min 00 sec). [↑](#footnote-ref-10)
11. Out of 12 votes, 6 to 5 for Dr Ohara, one abstention. [↑](#footnote-ref-11)
12. Out of 12 votes, 10 to 2 for FAdm Dr Najhan Md Said. [↑](#footnote-ref-12)
13. For SCUFN Members only. [↑](#footnote-ref-13)
14. For SCUFN Members only. [↑](#footnote-ref-14)
15. SCUFN completed reviewing all proposals by the end of the meeting, so no proposal was deferred. [↑](#footnote-ref-15)
16. Australian Hydrographic Office. [↑](#footnote-ref-16)
17. GGC : GEBCO Guiding Committee. [↑](#footnote-ref-17)
18. SCUFN Members Li, Said (co-Chairs), Coffin, and Palmer. [↑](#footnote-ref-18)
19. https://www.ngdc.noaa.gov/iho/SubmittingMarineGeophysicalData.pdf [↑](#footnote-ref-19)
20. Lead. [↑](#footnote-ref-20)