

**INTERNATIONAL
HYDROGRAPHIC
ORGANIZATION**

**INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION (of UNESCO)**



**Niteroi, Brazil
12-16 October 2015**

SUMMARY REPORT

Page intentionally left blank

28th SCUFN MEETING
Niteroi, Brazil, 12-16 October 2015

SUMMARY REPORT

- Notes:** 1) Paragraph numbering is the same as in the agenda (Annex A)
- 2) All documents referred to in these minutes are available from the SCUFN page of the IHO website (www.iho.int > Committees & WGs > IRCC > GEBCO > SCUFN > 28th Meeting) and are not duplicated in the report for the sake of brevity.

Annexes:

- A [Agenda](#)
- B [List of Decisions and Actions arising from SCUFN-28](#)
- C [List of Acronyms used in this Report](#)
- D [Alphabetic Index of Undersea Feature Names considered at SCUFN-28](#)

1 Opening and Administrative Arrangements – Election of Vice-Chair

Docs:	SCUFN28-01A	List of Documents
	SCUFN28-01B	List of Participants
	SCUFN28-01C	SCUFN Membership and Observers List
	SCUFN28-01D	Terms of Reference and Rules of Procedure for SCUFN

The twenty-eight meeting of the IHO-IOC GEBCO Sub-Committee on Undersea Feature Names (SCUFN-28) was hosted at the *Diretoria de Hidrografia e Navegação* (DHN), in Niteroi, Brazil, from 12 to 16 October 2015. The meeting was opened by Vice-Admiral Antonio Pontes Lima, Director of DHN, and Admiral (Ret.) Luiz Fernando Palmer, ex-Director of DHN. Admiral Pontes Lima stressed the importance of the role fulfilled by SCUFN in harmonizing undersea feature names and making these names available to a large community of users.

Dr Hans Werner Schenke (SCUFN Chair, IOC) then expressed his warm welcome to the participants and presented his best wishes especially to LCDR Felipe Barrios (SCUFN Member, IHO) who had been unable to participate in the last meetings. SCUFN Members were reminded that they were acting as subject matter experts representing their parent organization, IHO or IOC. All participants were invited to strictly follow the principles and basics of Publication B-6 and SCUFN Terms of Reference and Rules of Procedure during the meeting, to make it as efficient as possible.

It was noted that apologies were received from Dr Ksenia Dobrolyubova (SCUFN Member, IOC), and Mr Norman Cherkis (SCUFN Member, IOC) all being unable to participate.

After lengthy discussions and careful considerations, the Sub-Committee finally decided to stick to the Rules of Procedure and Dr Ksenia Dobrolyubova was considered as stepping down from her position of SCUFN Member. It was noted that this decision does not prevent her from remaining active in these activities, in particular to progress the pending actions for which she had the lead. The Russian Federation will also be encouraged to nominate experts¹. The SCUFN Chair paid tribute to Dr Ksenia Dobrolyubova and Ms Lisa Taylor (former SCUFN Vice-Chair) for their outstanding contribution in SCUFN activities for many years. As a matter of fact, Ms Lisa Taylor had informed the Chair of the

¹ Post meeting note : Done at the ARHC-5 meeting, St Petersburg, 28-30 October 2015.

GEBCO Guiding Committee (GGC) and the SCUFN Chair and Members, in August 2015, of her decision to step down due to other increasing commitments and responsibilities.

→ **Actions** [SCUFN28/01](#), [SCUFN28/02](#)

The election of a new Vice-Chair was carried out in accordance with the Rules of Procedure. The two candidates (Dr Vaughan Stagpoole and Dr Yasuhiko Ohara) made a two-minute statements for explaining their objectives. Dr Yasuhiko Ohara (SCUFN Member, IHO) was elected as Vice-Chair by secret ballot, scoring 5 to 4.

→ **Decision** [SCUFN28/03](#)

The SCUFN Chair reported that SCUFN decisions in general and on undersea features names in particular, are due to be approved by the GGC. In practice, SCUFN is the decision making body while the GGC monitors the procedure. As a conclusion, it was agreed that there was no need to amend Art. 2.11 of the Rules of Procedure.

Aware of the magnitude of the task ahead, the SCUFN Chair thanked the DHN for hosting this important meeting and invited the participants to address the very busy agenda straight away.

The final list of participants is provided in Doc. [SCUFN28-01B](#).

Dr Kian Fadaie (SCUFN Member, IHO) kindly accepted to act as rapporteur.

2. Approval of Agenda

Docs: SCUFN28-02A rev1 [Agenda and Timetable](#)

The agenda was approved as proposed.

However, it was agreed to consider the proposals made by the SCUFN Secretary on the generic terms in Section I.2 of the Annex to Doc. SCUFN28-06C, under agenda item 3.2 (Doc. SCUFN28-03.2A - *Recommendations from the SCUFN Generic Term Group*).

The suggestion made by the SCUFN Secretary to consider the undersea feature names proposals in the chronological order in which they were received, was welcome. As a consequence, it was agreed to modify the timetable and to address agenda item 5.2 (Docs. SCUFN28-05.2A, 05.2B, and 05.2C) related to the report of the Undersea Names Committee of the New Zealand Geographic Board, immediately after agenda item 4.5.

3. Matters remaining from Previous Meetings

3.1 Review of Actions from SCUFN-27 and transfer to the relevant agenda items

Doc: SCUFN28-03.1A rev3 [List of Actions from SCUFN-27 and Status](#)

The Secretary reviewed the list of actions pending from SCUFN-27 and a few from SCUFN-26 as provided in Doc. SCUFN28-03.1A.

In order to facilitate progress monitoring and refer to relevant information when needed, actions pending from previous meetings are now included in the final List of Decisions and Actions given in [Annex B](#), with the original SCUFN meeting action number retained. With the view to avoiding possible mistakes in copying naming, coordinates, justifications, and also to reducing the administrative workload, proposals will not be duplicated in SCUFN reports anymore as the relevant information is already made available on the IHO SCUFN webpages.

3.2 Report and recommendations of the SCUFN Generic Term Group

Doc: SCUFN28-03.2A *Recommendations from SCUFN Generic Term Group ([definitions for Bank, Reef and Shoal](#) – [old generic terms in use in the Gazetteer](#))*

Following discussions that took place during SCUFN-27, the SCUFN Generic Term Group reported that it had re-considered the current definitions for BANK, REEF, and SHOAL. After a brief discussion mainly on the material making up either a SHOAL or a REEF, it was decided to keep the current definitions, with no change.

The SCUFN Generic Term Group also reported on nine generic terms that are not defined, although they appear in the Gazetteer, as “old generic” terms. Proposals made by the SCUFN Sec. in Doc. SCUFN28-06C were considered simultaneously. Further discussions were about several generic terms such as “DISCORDANCE”, “ZONE”, “AREA”, “RE-ENTRANT”, “SHELF EDGE”, “ABYSSAL PLAIN” vs “PLAIN”. It was agreed that further work was needed about these terms before clear recommendations can be made for final approval and appropriate amendments in B-6. Chair thanked the Generic Term Group for their contribution.

→ Actions [SCUFN28/05](#), [SCUFN28/06](#)

3.3 Final Approval of the report from SCUFN-27

The Secretary referred to the [SCUFN-27 report](#) and asked the Sub-Committee if there were any proposed changes. They were some by the Secretary himself and the SCUFN-27 report is formally approved with editorial corrections² to be made in its Annex C.

→ Action [SCUFN28/07](#)

4 Proposals Submitted during Intersessional Period

Notes: 1/All sections below lead to the [Annex B](#) (main table of Decisions and Actions) using bookmarks. When in Annex B, press **ALT+ left Arrow** on your keyboard to get back to the original section in the main part of the report.

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

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

--

It was noted by the Chair and SCUFN Members, that the pre-review made during the intersessional period, which had been possible thanks to the new interface www.scufnreview.org, had to be used to speed up the approval process during the plenary. Therefore, the review process was, in most cases, limited to:

- the assessment and discussions based on the results and comments made by SCUFN Members under scufnreview.org

² Post meeting note : Done.

- the assessment of the feature naming in the general context of the on-line Gazetteer, thanks to the pre-upload in the EDIT mode made by the Secretary prior to the plenary session of the SCUFN meeting.

When questions were raised for some cases, the Chair requested the review of the full proposal.

--

4.1 From Malaysia, NHC

Doc: SCUFN28-04.1A [Proposal from Malaysia, NHC](#)

It was noted by SCUFN Member Lin S that the four undersea feature name proposals (Rafflesia Hill, Kenyalang Hill, Iban Ridge, Santubong Seamount) put forward by Malaysia are all located in the disputed waters of the South China Sea. She cited SCUFN ToR and RoP2.10: *The Sub-Committee shall not consider undersea feature name proposals that are politically sensitive*, and requested that SCUFN not consider the four proposals. For the same reasons given at SCUFN-27 and considering the views expressed by SCUFN Members, the Chair decided that SCUFN did not accept the objection to review the proposals.

4.1.1 Proposals for Rafflesia Hill, Kenyalang Hill, Iban Ridge, Santubong Seamount

→ Decisions [SCUFN28/08](#), [28/09](#), [28/10](#), [28/11](#)

Note: SCUFN member Lin S. objected to reviewing the concerned proposals from Malaysia.

4.1.2 Proposal for Raja Jarom Shoals

Considering the following reasons:

- This feature is chartered as an area which may cover and uncover (drying contour line, grey tint above chart datum), with a sounding of - 0.3 m;
- Minimum height provided by NHC in the proposal form is 0.0 m;

SCUFN stated that the naming of this type of “non-undersea” feature was not in its remit and therefore, should not be considered.

→ Decision [SCUFN28/12](#)

4.1.3 Proposal for Rentap Shoal

Considering the following reasons:

- It appears that names such as Friendship Bank, Mengyi Ansha already exist for this feature (source ACUF Gazetteer for instance, Chinese publications) and that they have been used on charts and in scientific publications at least since 1983;

It was agreed, in accordance with B-6, Ed. 4.1.0, Sept. 2013 (Section E) - *authorities involved are invited to resolve the matter* - prior to any further submission to SCUFN.

→ Decision [SCUFN28/13](#)

4.2 From USA, Schmidt Ocean Institute, Mr Leighton Rolley

Doc: SCUFN28-04.2A [Proposal from USA, Schmidt Ocean Institute, Mr Leighton Rolley](#)

4.2.1 Proposal for Falkor Seamount

It was noted that another submission had been received from Mr Leighton Rolley, but after the deadline for SCUFN-28. This proposal will be reviewed during the intersessional period together with others if any, for adoption at the next meeting.

→ Decision [SCUFN28/14](#)

4.3 From Brazil, Fluminense Federal University, Mr Filipe Japiassú Leitão

Doc: SCUFN28-04.3A [Proposal from Brazil, Fluminense Federal University, Mr Filipe Japiassú Leitão](#)

4.3.1 Proposal for Ferraz Peak

→ Action [SCUFN28/15](#)

Mr Filipe Japiassú Leitão, student from the Fluminense Federal University, was commended for his great work and the quality of the submission and encouraged to remain active in marine sciences.

4.4 From the Republic of Korea, KHOA/KCGN

Doc: SCUFN28-04.4A [Proposals from the Republic of Korea, KHOA/KCGN](#)

4.4.1 Proposals for Dalpaengi Knoll, Gokkal Hill, Maisan Hills

→ Decisions [SCUFN28/16](#), [28/17](#), [28/18](#)

4.5 From Brazil, DHN

Doc: SCUFN28-04.5A [Proposal from Brazil, DHN](#)

SCUFN28-04.5B [Report from DHN on fracture zones](#)

4.5.1 Proposals for Amazon Channel, Baião Guyot, Cabugi Seamount, Frevo Hill, Guarani Guyot, Iracema Bank, José de Alencar Hill, Maracatu Seamount, Maximiano Guyot, Touros Bank

These proposals were ACCEPTED unanimously with some changes requested for generic terms as reflected in the following decisions. Mr. J. Nerantzis also reported that a specific term such as “Cabugi” would be, more than likely, not accepted by ACUF.

→ Decisions [SCUFN28/19](#), [28/20](#), [28/21](#), [28/22](#), [28/23](#), [28/24](#), [28/25](#), [28/26](#), [28/27](#), [28/29](#)

4.5.2 Proposal for Peri Seamount and report on Brazilian fracture zones

→ Actions [SCUFN28/28](#), [28/30](#)

4.6 From Japan, JHOD/JCGN/JAMSTER

Doc: SCUFN28-04.6A [Proposals from Japan, JHOD/JCGN/JAMSTER](#)

4.6.1 28 proposals were submitted by Japan (JCUFN, JAMSTEC in relation with JHOD). In addition to the very high quality of the proposals, the existence of index maps providing the general location of the features was very appreciated during the reviewing process. All proposals but one were accepted with a couple of changes for the generic terms, as reported in the following list of decisions.

→ Decisions [SCUFN28/31](#), [28/33](#), [28/34](#), [28/35](#), [28/36](#), [28/37](#), [28/38](#)

→ Decisions [SCUFN28/40](#), [28/41](#), [28/42](#), [28/43](#), [28/44](#), [28/45](#), [28/46](#), [28/47](#), [28/48](#), [28/49](#)

→ Decisions [SCUFN28/50](#), [28/51](#), [28/52](#), [28/53](#), [28/54](#), [28/55](#), [28/57](#), [28/58](#)

4.6.2 Proposals for Jugoya Ridge, Nishi-Kazahayahoshi Seamount, Matsuzaki Guyot, Iiyama Seamount were also accepted but complimentary information is needed to complete the process.

→ Actions [SCUFN28/32](#), [28/39](#), [28/56](#), [28/59](#)

4.6.3 Proposal for Parece Vela Knoll Province

→ Actions [SCUFN28/50](#), [28/51](#)

4.7 From Russian Federation, GINRAS

Doc: SCUFN28-04.7A [Proposal from Russian Federation, GINRAS](#)

4.7.1 Proposal for Shkolnik Guyot

→ Decision [SCUFN28/60](#)

4.8 From China, CCUFN

Doc: SCUFN28-04.8A [Proposals from China, CCUFN](#)

21 proposals were initially submitted by China (CCUFN), falling to 20 when the proposal for Qiangde Seamount was withdrawn.

4.8.1 Seven proposals were accepted without any change.

→ Decisions [SCUFN28/66](#), [28/68](#), [28/69](#), [28/71](#), [28/80](#), [28/81](#), [28/82](#)

4.8.2 Six undersea feature names were accepted with a couple of changes, providing the completion of complementary actions as reported in the following list of actions.

→ Actions [SCUFN28/64](#), [28/65](#), [28/67](#), [28/70](#), [28/73](#), [28/74](#)

4.8.3 Six undersea feature names were not accepted for the technical reasons given in the following decisions.

→ Decisions [SCUFN28/61](#), [28/62](#), [28/63](#), [28/75](#), [28/77](#), [28/79](#)

4.8.4 Two other undersea feature names were suggested to remain as “pending” for further consideration at SCUFN-29. China was also requested to revise the information provided in the section “Associated features” of most of the proposals as the current information is not appropriate. As a matter of fact, it is important to indicate the general geomorphological context surrounding the feature, when it relates to the proposal under consideration in particular if it is already named.

→ Actions [SCUFN28/72](#), [28/76](#), [28/78](#)

4.9 From Sweden, Stockholm University

Doc: SCUFN28-04.9A [Proposal from Sweden, Stockholm University](#)

4.9.1 Proposal for Oden Trough

→ Decision [SCUFN28/83](#)

5. Liaison with Other Geographical Name Bodies

5.1 Advisory Committee on Undersea Features (ACUF) of the US Board on Geographical Names

Doc: SCUFN28-05.1A [ACUF Activities](#) (J. Nerantzis)

Mr J. Nerantzis, Secretary of the Advisory Committee on Undersea Features (ACUF, US) provided an update on the activities of ACUF and explained that the names proposed by ACUF are submitted to the the US Board on Geographic Names (USBGN) for adoption.

The US Geographic Names Database (GNDB) can be accessed by the NGA GEONet Names Server (GNS) at: <http://geonames.nga.mil/gns/html/index.html>.

The ACUF Secretary reported that:

- 42 features from the SCUFN Gazetteer database were new to the GNDB, and had no conflicts with the USBGN-approved names;
- 7 features were already in the GNDB;
- 1 feature was not accepted; “Rio Grande Fan” as having a possible conflict with the USBGN-approved name, “Garnet Bank”.

The ACUF Secretary reported also on the current policies in force within ACUF/USBGN and confirmed that these boards were actively working on the adoption of SCUFN-approved names to populate the GNDB. The SCUFN Secretary mentioned that it would be also interesting for SCUFN, as the international authoritative body for undersea feature names, to know whether the US had a policy for submitting names *from* the GNDB to the approval of SCUFN in order for these names to be recognized at the international level.

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

Docs: SCUFN28-05.2A Report from NZGB: Existing feature names listed for SCUFN-27 and SCUFN-28 (V. Stagpoole)
SCUFN28-05.2B Report from NZGB: Dual Names and the Use of "/" for Geographical Names (V. Stagpoole)
SCUFN28-05.2C [Proposals for improving the procedure when assessing feature names lists proposed by national geographical names bodies](#) (V. Stagpoole/SCUFN Secretary)

31 existing undersea features names, listed in 2014 by the NZGB for SCUFN-27, and 23, listed in 2015 for SCUFN-28, had to be considered (Doc. SCUFN28-05.2A). SCUFN Members agreed that there was a need to design an experimental ad hoc procedure for SCUFN to speed up the approval process for such cases, without prejudice to the provisions in force in B-6. A draft proposal (Doc. SCUFN28-05.2C) which includes a tentative fast-track was presented and discussed. The cornerstone of the procedure is the obligation of the national geographic boards to apply the IHO-IOC standard B-6 for undersea feature names. This procedure also requires the existence within SCUFN of an active and pre-existing reviewing panel ready to be engaged prior to SCUFN plenary meetings. In conjunction with the on-line tool www.scufnreview.org, all SCUFN Members agreed to make a test bed of the NZGB proposals for experimenting the fast track.

Kian Fadaie (SCUFN Member, IHO) supported the principles for the development of a smart fast-track procedure applicable to some cases, as she had been informed that the Geographical Names Board of Canada would submit, sooner or later, more than 900 already-chartered undersea feature names.

→ Actions [SCUFN28/84](#), [28/85](#), [28/86](#), [28/87](#)

Following a discussion that raised at SCUFN-27, V. Stagpoole (SCUFN Member, IOC) made a presentation to justify the use by the NZGB of dual names separated by “/” (Doc. SCUFN28-05.2B).

→ Action [SCUFN28/88](#)

5.3 UN Group of Experts on Geographical Names (UNGEGN)

Doc: SCUFN28-05.3A *Report from the UNGEGN*

It was noted that there was nothing significant to report from the 28th session of the United Nations Group of Experts on Geographical Names (UNGEGN) that would impact SCUFN activities. The 29th session of UNGEGN is scheduled to be held on 25-29 April 2016 in Bangkok, Thailand, while the 11th United Nations Conferences on the Standardization of Geographical Names is planned for 2017. At the 10th Conference, it was noted that toponymic training was ranked at the top of the to-do list before the 11th Conference.

5.4 Marine Regions

Doc: SCUFN28-05.4A *Report of Marine Regions* (S. Claus)

The report from Marine Regions, kindly provided by Mr S. Claus, was simply noted. The developments achieved by Marine Regions, since SCUFN-27, in relation with NOAA to get access to the GEBCO Gazetteer database were commended as they establish the prominent role of SCUFN as the authoritative body for naming undersea features. The requirements from Marine Regions to keep active the Web Feature Service access to the GEBCO Gazetteer database for facilitating the updates will be addressed at SCUFN-29.

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

Docs: SCUFN28-06B *Development of an S-100 Product Specification for Undersea Feature Names and Registering SCUFN terms in the IHO Registry* (Sec.)

SCUFN28-06C *Recommendations from the experimental use of the new interfaces:*
www.scufnterm.org, www.scufnsubmission.org, www.scufnreview.org (Han/Sec.)

The Secretary, on behalf of the IHB, made a proposal to consider, within the S-100 framework, the development of a product specification for undersea features and the harmonization of definitions that already exist in B-6 and the IHO Registry Feature Concept Dictionary of S-100, the S-57 Feature Catalogue and the IHO Hydrographic Dictionary S-32. One of the top priority is to improve the Undersea Feature Name model and make sure that “Type” attributes may be used to differentiate feature types in a consistent manner.

Ms Kian Fadaie, here representing Canada, confirmed that the supporting paper (Doc. SCUFN28-06B) was on the right track so undersea feature names can be used in conjunction with other S-100-based products in the future. Canada accepted to take the lead on this action.

→ Decision [SCUFN28/89](#)

→ Action [SCUFN28/90](#)

With regards to the new interfaces set up for reviewing the proposals (Doc. SCUFN28-06C), SCUFN Members confirmed that they were a key element for ensuring the efficiency of SCUFN activities.

→ Action [SCUFN28/91](#)

W. Reynoso Peralta (SCUFN Member, and Lin (SCUFN Member, IOC) reported on the availability of the last editions of the English-Spanish and English-Chinese versions of B-6, provided respectively by.

→ Action [SCUFN28/92](#)

7. Gazetteer of Undersea Feature Names

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

Doc: SCUFN28-07.1A *Wish-List of Improvements to the On-line Interface of the GEBCO Gazetteer* (Secretary)

SCUFN28-07.1B

Comments made by NOAA/NGDC (if available)

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

Docs: SCUFN28-07.2A [Upgrade of the Quality of the GEBCO Gazetteer Database](#)
(Secretary)

SCUFN28-07.2B [Monitoring of the PENDING names and management of the reserved-specific-list names](#) (Secretary)

The Secretary reported on the achievements made during the intersessional period to upgrade, under contract, the quality of the GEBCO Gazetteer database content. Attributes and additional information of more than 3000 undersea feature names were reviewed during the period.

This task was a very useful way to establish a list of possible and important improvements of the interface to be considered by NOAA (US), as current custodian of the GEBCO Gazetteer. Unfortunately, no feedback was received from NOAA (US) prior to the meeting and it was not possible to make any decision about it, but to maintain this wish-list.

→ Action [SCUFN28/95](#)

Post-meeting note: On 20 Oct. 2015, NOAA informed the SCUFN Secretary that it would be wise for the IHB to think about the possibility of finding and funding a contractor to take over the maintenance of the Gazetteer to allow SCUFN more control over maintenance and enhancements. Since, discussions are in progress on the possible options and alternatives for the maintenance of the Gazetteer. They will be reported at SCUFN-29.

The proposals made by Secretary on the monitoring of the list of PENDING names and on the list of reserved specific terms were also approved.

→ Actions [SCUFN28/93](#), [28/97](#)

7.3 Minor Undersea Features

After some discussions about new technologies, it was noted by SCUFN Members that although there had been no progress since SCUFN-26, there was now an opportunity with the S-100 initial developments (see Action SCUFN 28/90), to insert a possible minor undersea feature object in the model, so the future would not be pre-empted. However, the Chair recommended, for pragmatic reasons, not to divert SCUFN from its current scope and priorities.

7.4 Unnamed Seamounts in the Pacific Ocean

Due to other SCUFN commitments, and although it was noted that there were about 54 unnamed seamounts, there was no possible progress to the lack of bathymetric data. It was decided to close this item.

8. Any Other Business

8.1 Open Discussion on the Promotion of SCUFN Activities (call for submissions, circular letter from parent organizations, publications, etc.)

The Chair informed SCUFN Members that he was convinced that there was a need to better promote SCUFN role, responsibilities and achievements, as its activities still remain quite confidential in the wider scientific community. The Secretary also reported that at the date of the meeting, within the IHO, there was a pretty low response rate to the call for SCUFN membership (IHO CL 59/2015³ refers), a

³ IHO CL 80/2015 was issued since, to extend the deadline.

possible indication that the interest in naming undersea features was decreasing slightly. After lengthy discussions, it was agreed to publish a couple of articles for the hydrographic community on one hand, for the scientific community on the other hand.

→ Action [SCUFN28/94](#)

8.2 Information received from the Secretary of the Antarctic Place-names Committee of the British Antarctic Survey (Sec.)

The Secretary reported on the information received from the Secretary of the Antarctic Place-names Committee of the British Antarctic Survey. Two undersea features, all located within 12 NM from the coasts, have been named in 2014. They are:

- Shom Rock (North of Emma Island, Gerlache Strait, Graham Land);
- Marshall Shoals (North-West of Detaille Island, Loubet Coast)

This information was noted.

8.3 Letters received from Geomarine Associates Ltd

Doc: SCUFN28-08.3A *Apparently incorrect names in the Gazetteer, 30 Sept. 2014 (Sec.)*
SCUFN28-08.3B *Seamounts in the Fogo Seamount Group and one in the Orphan Seamount Group, 21 Nov. 2014 (Sec.)*

The Secretary reported on the letters received from Geomarine Associates and confirmed that the concerns raised in these letters have been addressed, in liaison with the Canadian Hydrographic Service. No further action was requested.

8.4 Quick review of the draft List of Actions from SCUFN-28 (Sec)

In order to progress the different tasks throughout the year, the Secretary was asked to send the list of actions to SCUFN members for updates, every three months, as it was done between SCUFN-27 and SCUFN-28.

→ Action [SCUFN28/96](#)

9. Dates and Venues for the Next Meetings

In order to have an opportunity to address the issue of the maintenance of the GEBCO Gazetteer, there was a general consensus from SCUFN Members that it would be very beneficial to have the next meeting in Boulder, Colorado, USA in 2016.

Post meeting note: Lisa Taylor informed the Chair and the Secretary on 27 Oct. 2015, that NOAA had accepted to host the SCUFN-29 meeting in Boulder from 19 to 23 September 2016.

10. Conclusion

In his concluding remarks, the Chair thanked the DHN for hosting and organizing the meeting, providing outstanding facilities and transfer arrangements. He thanked the participants for their contributions and the fruitful discussions. Thanks to the preliminary individual on-line review, the efficiency of SCUFN improved drastically at the SCUFN-28 meeting which is promising for the future of this GEBCO Sub-Committee.

Annex A to SCUFN-28 Report

**SCUFN-28
Agenda and Timetable
Niterói, Brazil, 12-16 October 2015**

Notes: 1) Meeting to start at 0900 at the DHN in Niteroi on Monday 12 October 2015
2) Names of prospective presenters of papers are given in parenthesis.

Monday 12 Oct.	SCUFN-28 DAY 1
0800	Gathering in hotel lobby
0815	Transfer to DHN
0845-0900	Welcome and Registration
0900	Welcome address by Director General of DHN
0915	1. Opening and Administrative Arrangements – Election of Vice-Chair <i>Doc: SCUFN28-01A List of Documents (Sec.) SCUFN28-01B List of Participants (Sec.) SCUFN28-01C SCUFN Membership and Observers List (Sec.) SCUFN28-01D Terms of Reference and Rules of Procedure SCUFN28-01E Election of Vice-Chair</i>
0930	2. Approval of Agenda <i>Docs: SCUFN28-02ARev1 Agenda and Timetable (Sec.)</i>
0940	3. Matters remaining from Previous Meetings 3.1 Review of Actions from SCUFN-27 and transfer to the relevant agenda items <i>Doc: SCUFN28-03.1A List of Actions from SCUFN-27 and Status (Secretary)</i> 3.2 Report and recommendations of the SCUFN Generic Term Group <i>Doc: SCUFN28-03.2A Recommendations from SCUFN Generic Term Group and Actions to be considered by SCUFN (Group Members)</i> 3.3 Final Approval of the report from SCUFN-27 <i>Doc: SCUFN27 Report (Sec.)</i>

1030	Coffee Break
1050	<p>4. Proposals Submitted during Intersessional Period</p> <p>4.1 From Malaysia, NHC <i>Doc: SCUFN28-04.1A Proposals (6) from Malaysia, NHC (Sec.)</i></p> <p>4.2 From USA, Schmidt Ocean Institute, Mr Leighton Rolley <i>Doc: SCUFN28-04.2A Proposal (1) from Mr Leighton Rolley (Sec.)</i></p> <p>4.3 From Brazil, Fluminense Federal University, Mr Filipe Japiassú Leitão <i>Doc: SCUFN28-04.3A Proposal (1) from Mr Japiassú Leitão (Ana?)</i></p> <p>4.4 From Republic of Korea, KHOA/KCGN <i>Doc: SCUFN28-04.4A Proposals (3) from ROK, KHOA/KCGN (Han?)</i></p> <p>And Pending Actions on proposals made at SCUFN-27, if any</p>
1230	Lunch Break
1400	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.5 From Brazil, DHN <i>Doc: SCUFN28-04.5A Proposals (11) from Brazil, DHN (Ana?)</i></p> <p>And Pending Actions on proposals made at SCUFN-27, if any</p>
1530	Coffee Break
1550	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.5 From Brazil, DHN <i>Doc: SCUFN28-04.5A Proposals (11) from Brazil, DHN (Ana?)</i> <i>SCUFN28-04.5B Report from Brazil, DHN on fracture zones (Ana)</i></p> <p>And Pending Actions on proposals made at SCUFN-27, if any</p>
1700	END OF SESSION DAY 1
Tuesday 13 Oct.	SCUFN-28 DAY 2
0800	Gathering in hotel lobby
0815	Transfer to DHN
0900	<p>5. Liaison with Other Geographical Name Bodies</p> <p>5.2 Undersea Names Committee of the New Zealand Geographic Board (NZGB) <i>Docs: SCUFN28-05.2A Existing feature names listed for SCUFN-27 (2014) and SCUFN-28 (2015) (V. Stagpoole)</i> <i>SCUFN28-05.2B Dual Names and the Use of "/" for Geographical Names (V. Stagpoole)</i> <i>SCUFN28-05.2C Improving the procedure when assessing feature names lists proposed by national geographic names bodies (V. Stagpoole/Sec.)</i></p>
1030	Coffee Break

1050	<p>5. Liaison with Other Geographical Name Bodies (continue)</p> <p>5.2 Undersea Names Committee of the New Zealand Geographic Board (NZGB) (continue) <i>Docs: SCUFN28-05.2B Dual Names and the Use of "/" for Geographical Names (V. Stagpoole)</i> <i>SCUFN28-05.2C Improving the procedure when assessing feature names lists proposed by national geographic names bodies (V. Stagpoole/Sec.)</i></p>
1210	Official Photo and Icebreaker
1300	Lunch Break
1400	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.6 From Japan, JHOD/JCGN/JAMSTER <i>Doc: SCUFN28-04.6A Proposals (28) from Japan, JCGN/JAMSTER (Yas?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1530	Coffee Break
1550	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.6 From Japan, JHOD/JCGN/JAMSTER <i>Doc: SCUFN28-04.6A Proposals (28) from Japan, JCGN/JAMSTER (Yas?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1700	END OF SESSION DAY 2
Wednesday 14 Oct.	SCUFN-28 DAY 3
0800	Gathering in hotel lobby
0815	Transfer to DHN
0900	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.6 From Japan, JHOD/JCGN/JAMSTER <i>Doc: SCUFN28-04.6A Proposals (28) from Japan, JCGN/JAMSTER (Yas?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1030	Coffee Break
1050	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.7 From Russian Federation, GINRAS <i>Doc: SCUFN28-04.7A Proposal (1) from Russian Federation, GINRAS (Xsenya?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1230	Lunch Break

1400	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.8 From China, CCUFN <i>Doc: SCUFN28-04.8A Proposals (21) from China, CCUFN (Lin?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1530	Coffee Break
1550	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.8 From China, CCUFN <i>Doc: SCUFN28-04.8A Proposals (21) from China, CCUFN (Lin?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1700	END OF SESSION DAY 3
Thursday 15 Oct.	SCUFN-28 DAY 4
0800	Gathering in hotel lobby
0815	Transfer to DHN
0900	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.8 From China, CCUFN <i>Doc: SCUFN28-04.8A Proposals (21) from China, CCUFN (Lin?)</i> And Pending Actions on proposals made at SCUFN-27, if any</p>
1030	Coffee Break
1050	<p>4. Proposals Submitted during Intersessional Period (continue)</p> <p>4.9 From Sweden, Stockholm University <i>Doc: SCUFN28-04.9A Proposal (1) from Sweden, SU, Pr. M. Jakobsson (?)</i></p>
1200	<p>5. Liaison with Other Geographical Name Bodies (continue)</p> <p>5.1 Advisory Committee on Undersea Features (ACUF) of the US Board on Geographical Names <i>Doc: SCUFN28-05.1A ACUF Report</i></p> <p>5.3 UN Group of Experts on Geographical Names (UNGEGN) <i>Doc: SCUFN28-05.3A UNGEGN Report</i></p> <p>5.4 Marine Regions <i>Doc: SCUFN28-05.4A Marine Regions Report</i></p>
1230	Lunch Break
1400	<p>6. Standardization of Undersea Feature Names: IHO-IOC Publication B-6</p> <p><i>Docs: SCUFN28-06A Summary of issues related to B-6 if any (Sec.) SCUFN28-06B Development of an S-100 Product Specification for Undersea Feature Names and Registering SCUFN terms in the IHO Registry (Sec.) SCUFN28-06C Recommendations from the experimental use of the new interfaces: www.scufnterm.org, www.scufnsubmission.org, www.scufnreview.org (Han?/Sec.)</i></p>

1445	<p>7. Gazetteer of Undersea Feature Names</p> <p>7.1 Maintenance of the on-line interface to GEBCO Gazetteer database <i>Doc: SCUFN28-07.1A Wish-List of Improvements to the On-line Interface of the GEBCO Gazetteer (Secretary)</i> <i>SCUFN28-07.1B Comments made by NOAA/NGDC (if available)</i></p> <p>7.2 Maintenance of the GEBCO Gazetteer database (including PENDING names) <i>Doc: SCUFN28-07.2A Upgrade of the Quality of the GEBCO Gazetteer Database (Secretary)</i> <i>SCUFN28-07.2B Monitoring of the PENDING names and management of the reserved-specific-list names</i></p> <p>7.3 Minor Undersea Features <i>Doc: SCUFN28-07.3A Status of the SCUFN “Micro Feature Names” issue (Chair)</i></p> <p>7.4 Unnamed Seamount in the Pacific Ocean <i>Doc: SCUFN28-07.4A Unnamed Seamounts in the Pacific Ocean – Current Status (W. Reynoso-Peralta)</i></p>
1530	Coffee Break
1550	<p>7. Gazetteer of Undersea Feature Names (continue)</p> <p>7.1 Maintenance of the on-line interface to GEBCO Gazetteer database <i>Doc: SCUFN28-07.1A Wish-List of Improvements to the On-line Interface of the GEBCO Gazetteer (Secretary)</i> <i>SCUFN28-07.1B Comments made by NOAA/NGDC</i></p> <p>7.2 Maintenance of the GEBCO Gazetteer database (including PENDING names) <i>Doc: SCUFN28-07.2A Upgrade of the Quality of the GEBCO Gazetteer Database (Secretary)</i> <i>SCUFN28-07.2B Monitoring of the PENDING names and management of the reserved-specific-list names (Sec.)</i></p> <p>7.3 Minor Undersea Features <i>Doc: SCUFN28-07.3A Status of the SCUFN “Micro Feature Names” issue (Chair)</i></p> <p>7.4 Unnamed Seamount in the Pacific Ocean <i>Doc: SCUFN28-07.4A Unnamed Seamounts in the Pacific Ocean – Current Status (W. Reynoso-Peralta)</i></p>
1700	END OF SESSION DAY 4
1930 - 2130	Cocktail at the Admiral Functional Residence (DHN)
Friday 16 Oct.	SCUFN-28 DAY 5
0800	Gathering in hotel lobby

0815	Transfer to DHN
0900	<p>8. Any Other Business</p> <p>8.1 Open Discussion on the Promotion of SCUFN Activities (call for submissions, circular letter from parent organizations, publications, etc.)</p> <p>8.2 Information received from the Secretary of the Antarctic Place-names Committee of the British Antarctic Survey (Sec.)</p> <p>8.3 Letters received from Geomarine Associates Ltd <i>Doc: SCUFN28-08.3A Apparently incorrect names in the Gazetteer, 30 Sept. 2014 (Sec.)</i> <i>SCUFN28-08.3B Seamounts in the Fogo Seamount Group and one in the Orphan Seamount Group, 21 Nov. 2014 (Sec.)</i></p> <p>8.4 Quick review of the draft List of Actions from SCUFN28 (Sec)</p>
1030	Coffee Break
1050	9. Dates and Venues for the Next Meetings
1130	10. Conclusion
1215	END OF SESSION DAY 5 – END OF SCUFN-28

DECISIONS and ACTIONS FROM SCUFN-28
including actions from previous meetings

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
	1	SCUFN Membership - Election of Vice-Chair	
SCUFN28/01		In application of RoP 2.5, K. Dobrolyubova was considered as stepping down from SCUFN full Membership. Chair to prepare a call for vacancy for the IOC by the end of October , deadline end of Dec. for application so SCUFN Membership should be complete in Jan. 2016, taking into account responses received to IHO CL 59/2015.	
SCUFN28/02		Sec. to inform K. Dobrolyubova of the decision made at SCUFN28 but of the possibility for any rep. of the Russian Federation to remain active and to participate in SCUFN activities under RoP 2.6 and 2.7.	
SCUFN28/03		Y. Ohara was elected as SCUFN Vice-Chair.	
	3	Matters remaining from Previous Meetings	
	3.1	Review of Actions from SCUFN-27 and transfer to the relevant agenda items	
SCUFN26/03	3.1 (ref. SCUFN-26 Report)	N. Cherkis to ask M. Jakobson, as IBCAO Chair, for information about NP-28 Seachannel.	
SCUFN26/07	3.1 (ref. SCUFN-26 Report)	H.W. Schenke to provide the Secretary with polygons in shape files for Axthelm Seamount and Sever Spur.	
SCUFN26/09	3.1 (ref. SCUFN-26 Report)	K. Dobrolyubova and N. Cherkis to investigate the history of Naletov Ridge vs Brass Ridge to find the appropriate name for the feature and report back at SCUFN-27.	Email from Kseniya, received 11 Oct. 2015 still need to be addressed
SCUFN26/42	4.5.1 (ref. SCUFN-26 Report)	Secretary to ask the proposer to provide a modified proposal for Weddell Basin and include further details such as min and max depths, relief and dimensions.	On going with name Cook

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/04		Secretary to provide the GEBSCO Bathymetry Editor with digital data provided by K. Dobrolyubova relating to Egiazarov Seamount, Kolbasin Hill, Kulyndyshev Seamount, Sen'kov Seamount and K. Dobrolyubova to provide the Sec. with polygon coordinates.	
SCUFN26/64	5.2 (ref. SCUFN-26 Report)	K. Dobrolyubova, Y. Ohara and N. Cherkis to investigate names in the Russian Arctic Gazetteer and make recommendations to the Sub-Committee on how to incorporate these names in the GEBSCO Gazetteer.	
SCUFN26/73	7.1 (ref. SCUFN-26 Report)	N. Cherkis/ J . Nerantzis to provide the Secretary with central/submit coordinates and an improved encircling polygon for Woolsey Mound by Dec. 2015 .	Done. Email J. Nerantzis 18 Nov. 2015
SCUFN27/02	4.2.1	Proposal for Madiba Seamount is ACCEPTED. Chair to request AWI to include track lines, to improve the colors in the diagram, in order to adjust and complete the background information, The polygon should be reduced and closed. Justification of the specific term to be slightly revised.	By end of Nov. 2015
SCUFN27/33	4.6.1	Proposal for Crean Deep is ACCEPTED. Secretary to request from the proposer complementary information (coordinates on the graphic, deepest point).	Following 16 July 2014 NZGB meeting outcome, action to be considered Done: Name is ACCEPTED.
SCUFN27/34	4.6.1	L. Taylor to check the geometry of Hikurangi Sea Channel.	Done. Email from V. Stagpoole to Sec. dated 12 Oct. 2015 to be addressed.
SCUFN27/36	4.6.2	Proposal for Tāwhatiwhati Guyot is NOT ACCEPTED due to the existence of L'Atalante Seamount in the vicinity which is likely to be the same feature. Further work is deemed necessary. Secretary to contact the proposer and V. Stagpoole to investigate and provide relevant complementary data to resolve the ambiguity prior to SCUFN-28.	Done. Name L'Atalante Seamount is kept.
SCUFN27/75		Besides, ACUF (J. Nerantzis) to examine the possibility of harmonizing definitions of "knoll" and "hill" with SCUFN definitions.	Report at SCUFN-29

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN27/77		Following the issue raised by the NZGB Undersea Names Committee, the SCUFN is in the view that the use of acronyms for naming is not desirable in general but can be considered on case by case basis.	Sec. to take a note for future Ed. of B-6
SCUFN27/88		K. Dobrolyubova to provide additional information on Konstantinov Ridge which will be considered at SCUFN-28 SCUFN-29.	By end of Dec. 2015
SCUFN28/97		Proposals for Aniva Seamount, Bezrukov Ridge, Neprochnov Seamount, Zhuze Seamount are kept as PENDING. Specific terms are accepted (former Decisions SCUFN27/69 to 72). Complementary data (track lines, steepness, location of the minimum depth) to be provided in accordance with B-6 by K. Dobrolyubova in liaison with the proposer, by end of December 2015 . After deadline, names will be considered as <u>withdrawn</u> by the proposer.	
	3.2	Report and recommendations of the SCUFN Generic Term Group (Yas, Vaughan, Han)	
SCUFN28/05	3.2	SCUFN Generic Term Group to provide the Sec. with a proposal for a new Ed. of the section II of B-6 including new definitions – GENERIC TERMS USED FOR HARMONIZATION WITH OTHER GAZETTEERS AND DEFINITIONS by end of Oct. 2015	
SCUFN28/06	3.2	SCUFN Generic Term Group to provide Han with all the generic terms and definitions (including those above) that need to be added to scufnterm.org by end of Oct. 2015	
	3.3	Final Approval of the report from SCUFN-27	
SCUFN28/07		Sec. to make editorial corrections in Annex D of SCUFN27 Report and upload a Rev 1 version by end of Dec. 2015 .	Done.
	4	Proposals Submitted during Intersessional Period	
	4.1	From Malaysia, NHC	
SCUFN28/08		Proposal for Rafflesia Hill is ACCEPTED.	
SCUFN28/09		Proposal for Kenyalang Hill is ACCEPTED.	
SCUFN28/10		Proposal for Iban Ridge is ACCEPTED.	
SCUFN28/11		Proposal for Santubong Seamount is ACCEPTED.	
SCUFN28/12		Proposal for Raja Jarom Shoals is NOT ACCEPTED.	
SCUFN28/13		Proposal for Rentap Shoal is NOT ACCEPTED.	

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
	4.2	From USA, Schmidt Ocean Institute, Mr Leighton Rolley	
SCUFN28/14		Proposal for Falkor Seamount is ACCEPTED. Proposal for Engineer Ridge, received on 25 Sept. 2015, to be examined at SCUFN29	
	4.3	From Brazil, Fluminense Federal University, Mr Filipe Japiassú Leitão	
SCUFN28/15		Proposal for Ferraz Peak is ACCEPTED with the main feature to be reported (Deception Island). Discovery facts to be added in the information section.	Done. Sec. to implement additional information.
	4.4	From The Republic of Korea, KHOA/KCGN	
SCUFN28/16		Proposal for Dalpaengi Knoll is ACCEPTED.	
SCUFN28/17		Proposal for Gokkal Hill is ACCEPTED.	
SCUFN28/18		Proposal for Maisan Hills is ACCEPTED.	
	4.5	From Brazil, DHN	
SCUFN28/19		Proposal for Amazon Channel is ACCEPTED with the relative depths to be changed.	
SCUFN28/20		Proposal for Baião Guyot is ACCEPTED.	
SCUFN28/21		Proposal for Cabugi Seamount is ACCEPTED.	
SCUFN28/22		Proposal for Frevo [Hill] is ACCEPTED with the generic term changed to Hills.	
SCUFN28/23		Proposal for Guarani Guyot is ACCEPTED.	
SCUFN28/24		Proposal for Iracema [Bank] is ACCEPTED with the generic term changed to Guyot.	
SCUFN28/25		Proposal for José de Alencar Hill is ACCEPTED.	
SCUFN28/26		Proposal for Maracatu [Seamount] is ACCEPTED with the generic term changed to Guyot.	
SCUFN28/27		Proposal for Maximiano Guyot is ACCEPTED.	
SCUFN28/28		Proposal for Peri Seamount is kept as PENDING. Specific term is accepted. Complementary bathymetric data is requested from DHN (AA. Alberoni) prior to SCUFN-29.	
SCUFN28/29		Proposal for Touros [Bank] is ACCEPTED with the generic term changed to Guyot.	
SCUFN28/30		Sec. to update the Gazetteer changing Amazon Canyons to Amazon Canyon and update the fracture zones shape files (Doc. SCUFN28-04.5B refers).	
	4.6	From Japan, JHOD/JCGN/JAMSTER	
SCUFN28/31		Proposal for Deschamps Seamount is ACCEPTED.	

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/32		Proposal for Jugoya Ridge is ACCEPTED with total relief to be modified.	
SCUFN28/33		Proposal for Hangetsu Ridge is ACCEPTED.	
SCUFN28/34		Proposal for Zangetsu Seamount is ACCEPTED.	
SCUFN28/35		Proposal for Shinjuboshi Escarpment is ACCEPTED.	
SCUFN28/36		Proposal for Kazahayahoshi Escarpment is ACCEPTED.	
SCUFN28/37		Proposal for Kazahayahoshi Basin is ACCEPTED.	
SCUFN28/38		Proposal for Kazahayahoshi Seamount is ACCEPTED.	
SCUFN28/39		Proposal for Nishi-Kazahayahoshi Seamount is ACCEPTED, with polygon to be changed in the West around the 3700 m contour line.	
SCUFN28/40		Proposal for Nansei-Kazahayahoshi Seamount is ACCEPTED.	
SCUFN28/41		Proposal for Hoburehoshi Seamount is ACCEPTED.	
SCUFN28/42		Proposal for Hamuronohoshi Seamount is ACCEPTED.	
SCUFN28/43		Proposal for Tobarinohoshi Seamount is ACCEPTED.	
SCUFN28/44		Proposal for Habunohoshi Terrace is ACCEPTED.	
SCUFN28/45		Proposal for Yanbaruhoshi Seamount is ACCEPTED.	
SCUFN28/46		Proposal for Yutsumanohoshi Seamount is ACCEPTED.	
SCUFN28/47		Proposal for Tochinohoshi [Seamount] is ACCEPTED with the generic term changed to Seamounts.	
SCUFN28/48		Proposal for Hahirohoshi Seamounts is ACCEPTED.	
SCUFN28/49		Proposal for Hahirohoshi Basin is ACCEPTED.	
SCUFN28/50		Proposal for Parece Vela Knoll Province is kept PENDING and will be reconsidered definitely at SCUFN-29. Y. Ohara to provide complementary information that give evidences for adopting the generic terms (knoll, province), the polygon, additional information such as existing maps using this name already.	
SCUFN28/51		Y. Ohara to provide the Sec. with complementary information (polygon, etc.) for updating Parece Vela Basin in the Gazetteer database.	

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/52		Proposal for Konotori Fracture Zone is ACCEPTED.	
SCUFN28/53		Proposal for Rasa Ridge is ACCEPTED.	
SCUFN28/54		Proposal for Rasa Seamount is ACCEPTED.	
SCUFN28/55		Proposal for Kiyam Seamount is ACCEPTED.	
SCUFN28/56		Proposal for Matsuzaki Guyot is ACCEPTED. Y. Ohara to provide Sec. with a new shp file corresponding to a reduced polygon.	
SCUFN28/57		Proposal for Magoshichi [Guyot] is ACCEPTED with the generic term changed to Guyots.	
SCUFN28/58		Proposal for Kawakami Seamount is ACCEPTED.	
SCUFN28/59		Proposal for Iiyama Seamount is ACCEPTED. Y. Ohara to provide Sec. with a new shp file corresponding to a reduced polygon.	
	4.7	From Russian Federation, GINRAS	
SCUFN28/60		Proposal for Shkolnik Guyot is ACCEPTED.	
	4.8	From China, CCUFN	
SCUFN28/61		Proposal for Qiluo Guyot is NOT ACCEPTED. CCUFN to consider the possibility of making a new proposal at SCUFN-29 (generic term to be justified, extension, etc.).	
SCUFN28/62		Proposal for Wuyang Seamounts is NOT ACCEPTED, as the group of features belong already to the Mid-Pacific Seamounts.	
SCUFN28/63		Proposal for Huigong Spur is NOT ACCEPTED as the main part of the feature is considered being part of Allison Guyot.	
SCUFN28/64		As a consequence, proposal for [Echi] Seamount made at SCUFN27 is ACCEPTED with the specific term changed to Huigong.	
SCUFN28/65		Proposal for Echi Seamount is ACCEPTED, with the generic term changed to Ridge.	
SCUFN28/66		Proposal for Zhangbingxi Ridge is ACCEPTED.	
SCUFN28/67		Proposal for Zhengtingfang Seamounts is ACCEPTED, with adjusted polygon around the two main summits, to be provided by S. Lin .	
SCUFN28/68		Proposal for Gongzhen Knolls is ACCEPTED.	
SCUFN28/69		Proposal for Suxun Knoll is ACCEPTED.	
SCUFN28/70		Proposal for Sushi [Knoll] is ACCEPTED, with the generic term changed to Hill.	
SCUFN28/71		Proposal for Suzhe Knoll is ACCEPTED	

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/72		For most of the CCUFN proposals, S. Lin to provide new wording for “associated features”, if any, as the justifications given in the proposals are usually unhelpful.	
SCUFN28/73		Proposal for Daxitong [Seamount] is ACCEPTED, with the generic term changed to Knoll, and S. Lin to provide a polygon redefined around the main feature.	
SCUFN28/74		Proposal for Niaoluo [Knolls] is ACCEPTED, with the generic term changed to Hills, and S. Lin to provide a polygon reduced around the main hills.	
SCUFN28/75		Proposal for Xunmei Knoll is NOT ACCEPTED, as considered as not significant enough being part of the Mid-Atlantic Ridge, and in the absence of information at small scale, providing a larger context view.	
SCUFN28/76		Proposal for Chukochen Fracture Zone is kept as PENDING. Complementary information to be provided by S. Lin to assess specific and generic terms.	
SCUFN28/77		Proposal for Wocan Ridge is NOT ACCEPTED, as this feature is part of the Carlsberg Ridge.	
SCUFN28/78		Proposal for Chongya Ridge is kept as PENDING. Complementary information to be provided by S. Lin to assess the feature in the larger context of the Southwest Indian Ridge.	
SCUFN28/79		Proposal for Heming Ridge is NOT ACCEPTED. Proposer to be invited by S. Lin to consider making a new proposal for Gagua Ridge instead, as this feature is likely part of the Gagua Ridge	
SCUFN28/80		Proposal for Jinghao Seamount is ACCEPTED.	
SCUFN28/81		Proposal for Tianbao Seamount is ACCEPTED.	
SCUFN28/82		Proposal for Yang ⁴ e Ridge is ACCEPTED.	
	4.9	From Sweden, Stockholm University	
SCUFN28/83		Proposal for Oden Trough is ACCEPTED.	
	5	Liaison with Other Geographical Name Bodies	
	5.2	NZGB Undersea Names Committee, New Zealand	

⁴ Spelling of specific term changed from Yange to Yang'e (request made by Lin, email dated 24 Jan. 2016)

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/84		SCUFN Members approved the provision of already-charted feature names by NZGB and decided to use it as a test for an experimental fast-track procedure.	
SCUFN28/85		SCUFN review sub-group (V. Stagpoole, Y. Ohara W. Reynoso-Peralta, S. Lin) for already-charted feature names to provide comments on www.scufnreview.org by the end of Feb. 2016.	
SCUFN28/86		<p>If, by the end of Feb. 2016, there is a single negative comment for an undersea feature name (UFN), this UFN must be considered at the next SCUFN plenary meeting (normal route).</p> <p>If no comment is received by the leader from a member of SCUFN review sub-group prior to the deadline, it means that there is no objection. The UFN is therefore considered as approved at the sub-group level; after the deadline, the sub-group leader can task the SCUFN Sec. to add the feature, with a READY status, into the Gazetteer database (i.e. with all Gazetteer database attributes!).</p> <p>Then, SCUFN Sec. presents a formal report with all approved-UFN to the next SCUFN meeting during the inter-session period. If no concern is raised at the SCUFN meeting, all of the UFN are moved to the ADOPTED status.</p>	
SCUFN28/87		SCUFN Members and Observers (such as ACUF) to provide V. Stagpoole and Sec. with their inputs/comments on Doc. SCUFN28-05.2C by the end of Dec. 2015.	
SCUFN28/88		SCUFN Members to make some additional research and provide the Sec. with their comments by March 2016 on the proposal made by V. Stagpoole for accepting the use of dual names separated by “/”.	
	6	Standardization of Undersea Feature Names: IHO-IOC Publication B-6	
SCUFN28/89		SCUFN, as well as the GEBICO Guiding Committee, support the S-100WG recommendations, and stands ready to provide expertise on feature cataloguing.	

Decision/Action	Agenda Item	Details	Status (Oct. 2015)
SCUFN28/90		CA (K. Fadaie) in liaison with CN (Lin) and Yas Ohara , to prepare the ToR of an Undersea Feature Names Project Team (scope - incl. provision for Minor Feature Names - , main tasks, work items). ToR to be circulated to SCUFN Members by Dec. 2015 , then submitted to HSSC for further consideration and guidance.	
SCUFN28/91		Han supported by V. Stagpoole to consider the proposals made in Doc. SCUFN28-06C and report back at SCUFN-29 taking into account lessons learned from SCUFN-28 experimentation and resources available at Kigam.	
SCUFN28/92		Sec. to upload on the IHO website the English-Spanish and English-Chinese version of B-6, provided respectively by W. Reynoso Peralta and Lin .	Done for B-6
SCUFN28/93		Sec. to upload on the IHO website the list or reserved-specific terms and to consider the possibility of informing national geographic boards.	
	8	Any other business	
	8.1	Open Discussion on the Promotion of SCUFN Activities (call for submissions, circular letter from parent organizations, publications, etc.)	
SCUFN28/94		V. Stagpoole, HW Schenke, Y. Ohara to prepare, by end of Feb. 2016 a paper on “new web tools help naming undersea feature”, to be published in EOS or other scientific publications, and a second one by May 2016 , for Hydro International.	
SCUFN28/95		Sec. to provide all SCUFN Members with their GEBCO Gazetteer Editors username and password so they can log in and assess the new proposed feature names in the general context.	<i>Post meeting:</i> On hold due to discussions with NOAA on the maintenance of Gazetteer
SCUFN28/96		Periodic status report on this list of decisions and actions, to be requested/distributed by the Secretary on 30 Dec. 2015 , 30 March 2016 , and 30 June 2016 .	

LIST OF ACRONYMS USED IN THIS REPORT

ACUF	Advisory Committee on Undersea Features (to the US BGN)
AWI	Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung (Germany)
B-6	IHO-IOC Publication “Standardization of Undersea Feature Names”
BGN	Board on Geographical Names (USA)
CCUFN	Sub Committee on Undersea Feature Names of China Committee on Geographical Names
DCDB	Data Centre for Digital Bathymetry (IHO)
DHN	Diretoria de Hidrografia e Navegação (Brazil)
EEZ	Exclusive Economic Zone
EWU	Ewha Womans University (Rep. of Korea)
FMI	Flanders Marine Institute (Belgium)
GEBSCO	General Bathymetric Chart of the Oceans (IOC/IHO)
GINRAS	Geological Institute of the Russian Academy of Sciences
GIS	Geographic Information System
GNS Sciences	Institute of Geological & Nuclear Sciences (New Zealand)
GST	Geodatastyrelsen (Danish Geodata Agency)
HDWG	Hydrographic Dictionary Working Group (IHO)
HO	Hydrographic Office
IBCAO	International Bathymetric Chart of the Arctic Ocean
IBCSO	International Bathymetric Chart of the Southern Ocean
IHB	International Hydrographic Bureau (IHO)
IHO	International Hydrographic Organization
INOCAR	Instituto Oceanografico de la Armada (Ecuador)
INT	INTernational (Charts – IHO)
IOC	Intergovernmental Oceanographic Commission (of UNESCO)
IRCC	Inter-Regional Coordination Committee (IHO)
JCUFN	Japanese Committee on Undersea Feature Names
JGR	Journal of Geophysical Research
JHA	Japan Hydrographic Association
JHOD	Japan Hydrographic and Oceanographic Department
KCGN	Korea Committee on Geographical Names
KHOA	Korean Hydrographic and Oceanographic Administration
KIGAM	Korea Institute of Geoscience & Mineral Resources

MEDRF	Ministry of Economic Development of the Russian Federation
NCSGN	National Committee for Standardization of Geographical Names (China)
NGDC	National Geophysical Data Center (USA)
NMDIS	National Marine Data & Information Service (China)
NOAA	National Oceanic and Atmospheric Administration (USA)
NPI	Norwegian Polar Institute
NZGB	New Zealand Geographic Board
OBS	Oceanic Bathymetry Series
ROSREESTR	Federal Agency for State Registration, Cadastre and Cartography (Russia)
S-32	IHO Publication "Hydrographic Dictionary"
SCUFN	Sub-Committee on Undersea Feature Names (of GEBICO)
SHN	Servicio de Hidrografía Naval (Argentina)
SHOA	Servicio Hidrográfico y Oceanográfico de la Armada (Chile)
SHOM	Service hydrographique et océanographique de la marine (France)
SIO	Second Institute of Oceanography (China)
UNCSGN	United Nations Conference on the Standardization of Geographical Names
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNGEGN	United Nations Group of Experts on Geographical Names
WGS84	World Geodetic System 1984
YANDEX	State Central Scientific and Research Institute of Geodesy, Air Survey and Cartography (Russia)

ALPHABETIC INDEX OF UNDERSEA FEATURE NAMES CONSIDERED AT
SCUFN-28 OR REFERRED TO IN THIS REPORT

Note:

- Names in **bold characters** = ‘accepted/adopted at SCUFN-28’
- Names in *italics* = ‘pending from SCUFN-28’ or from earlier meetings
- Names ~~crossed-out~~ = ‘removed from the GEBCO Gazetteer’

Name	Name
Amazon Channel	Matsuzaki Guyot
<i>Aniva Seamount</i>	Maximiano Guyot
Baião Guyot	Nansei-Kazahayahoshi Seamount
<i>Bezrukov Ridge</i>	<i>Neprochnov Seamount</i>
Cabugi Seamount	Niaoluo Hills
<i>Chongya Ridge</i>	Nishi-Kazahayahoshi Seamount
<i>Chukochen Fracture Zone</i>	Oden Trough
Crean Deep	<i>Parece Vela Knoll Province</i>
Dalpaengi Knoll	<i>Peri Seamount</i>
Daxitong Knoll	Qiluo Guyot
Deschamps Seamount	Rafflesia Hill
Echi Ridge	Raja Jarom Shoals
Falkor Seamount	Rasa Ridge
Ferraz Peak	Rasa Seamount
Frevo Hills.	Rentap Shoal
Gokkal Hill	Santubong Seamount
Gongzhen Knolls	Shinjuboshi Escarpment
Guarani Guyot	Shkolnik Guyot
Habunohoshi Terrace	Sushi Hill
Hahirohoshi Basin	Suxun Knoll
Hahirohoshi Seamounts	Suzhe Knoll
Hamuronohoshi Seamount	Tāwhatiwhati Guyot
Hangetsu Ridge	Tianbao Seamount
Heming Ridge	Tobarinohoshi Seamount
Hoburehoshi Seamount	Tochinohoshi Seamounts
Huigong Seamount	Touros Guyot
Huigong Spur	Wocan Ridge
Iban Ridge	Wuyang Seamounts
Iiyama Seamount	Xunmei Knoll
Iracema Guyot	
Jinghao Seamount	
	Yanbaruhoshi Seamount
	Yang’e Ridge
José de Alencar Hill	Yutsumanohoshi Seamount
Jugoya Ridge	Zangetsu Seamount
Kawakami Seamount	Zhangbingxi Ridge
Kazahayahoshi Basin	Zhengtingfang Seamounts
Kazahayahoshi Escarpment	<i>Zhuze Seamount</i>

Name	Name
Kazahayahoshi Seamount	
Kenyalang Hill	
Kiyan Seamount	
Konotori Fracture Zone	
Magoshichi Guyots	
Maisan Hills	
Maracatu Guyot	