SCUFN XXV-Report to GEBCO GC XXX

- Report by the Chairman of the GEBCO Sub-Committee on Undersea Feature Names (SCUFN)

- The 25th Meeting of SCUFN took place from Monday 22nd to Saturday 27th October 2012 in Wellington at the Land Information New Zealand (LINZ), hosted by the New Zealand Geographic Board (NZGB)

- Formalities
  - Invitation by the Chairman in due time
  - Agenda and list of documents
    - [http://www.iho.int/mtg_docs/com_wg/SCUFN/SCUFN25/SCUFN25Docs.htm](http://www.iho.int/mtg_docs/com_wg/SCUFN/SCUFN25/SCUFN25Docs.htm)

- Membership ->
SCUFN XXV-Report to GEBCO GC XXX
-2012-

Dr. Hans Werner SCHENKE, DE (Chair) IOC
Ms. Lisa A. TAYLOR, USA (Vice-Chair) IHO
LCdr. Felipe Barrios, Chile IHO

Cpt. Ana Angelica ALBERONI, Brazil IHO
Dr. Yasuhiko OHARA, Japan IHO
Lic. Walter REYNOSO Peralta, Argentina IHO
Cdr. Muhammad BASHIR, Pakistan IHO

Dr. Vaughan STAGPOOLE, New Zeeland IOC
Prof. Lin Shaohua, China IOC
Dr. Hyun-Chul Han, Rep. of Korea IOC

Mr. Norman Z. CHERKIS, USA IOC
Dr. Ksenia DOBROLYOBOVA, Russia IOC

Ing. en Chef Michel HUET, IHB Secretary

10 members out of 12 participated

Hans Werner Schenke

11 Oct 2013
Observers: 12

Dr. Robin FALCONER (GEBCO CHAIR)
Dr. Kunio YASHIMA (GGC), Japan

4 Observers from China
3 Observers from Russia
2 Observers from Rep. of Korea
1 Observer from New Zealand

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Other participants at SCUFN

**US BGN ACUF** Secretary: Mr. Jimmy Nerantzis

could not attend

**IOC** Ocean Mapping Program:

could not attend

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Agenda

• Opening and Administrative Arrangements
• Matters remaining from Previous Meetings – 104 Action Items
• UFN Proposals Submitted during Intersessional Period
  Argentina; Brazil; China; Italy; Japan; New Zealand; Rep. of Korea; Russia; UK, and USA
• Liaison with other Geographical Name Bodies (KCGN, JCUFN, NZBG)
• Standardization of Undersea Feature Names: IHO-IOC Publication B-6
  WG Generic Terms, New Edition 4.1.0
• Gazetteer of Undersea Feature Names: IHO-IOC Publication B-8
  Web-based Map Interface, and On-line DB
• Liaison with UN Group of Experts on Geographical Names (UNGEGN)
SCUFN XXV-Report to GEBCO GC XXX

Remaining action items from
SCUFN XXIV (Beijing, 12-16 Sept. 2011)

Actions from the previous meeting: **104**

during the intersessional period 20011-2012 by SCUFN members:

completed: **74**

pending: **30**

Precisely: permanent tasks or actions

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• UFN Proposals Submitted during Intersessional Period

Argentina; Brazil; China; Italy; Japan; New Zealand; Rep. of Korea; Russia; UK, and USA
• UFN Proposals

– ACCEPTED
– ADOPTED
– NOT ACCEPTED
– PENDING
Proposals submitted by Argentina:

- **South Orkney Plateau**: accepted
- **Jane Basin**: accepted
- **Quequén Abyssal Hill**: not accepted
- **Viedma Abyssal Hills**: not accepted
- **Cánepa Seamount**: not accepted
- **El Austral Seamount**: accepted
- **Michelangelo Guyot**: not accepted

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Proposals submitted by Argentina:

- **Raffaello Seamount** not accepted
- **Da Vinci Seamount** not accepted
- **Donatello Seamount** not accepted

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Proposals submitted by:
U OF TEXAS AND BRITISH ANTARCTIC SURVEY

Barker Bank pending
requires interaction (SCUFN, proposers, Argentina)

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Proposals submitted by Italy:

OGS-Explora Mounds accepted

Iulia Mud Volcano accepted

Tergeste Mud Volcano accepted
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Proposals submitted by Brazil:

*Bahía Plateau* not accepted
*Natal Canyon* accepted
*Natal Terrace* accepted
*Tagore Seamount* accepted

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Proposals submitted by Japan:

- **Kii Seamount**: accepted
- **Mikawa Seamount**: accepted
- **Inuwashi Fracture Zone**: accepted
- **Ojirowashi Fracture Zone**: accepted
- **Owashi Fracture Zone**: accepted
- **Kokugan Fracture Zone**: accepted
- **Okushiri Ridge**: accepted

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Proposals submitted by Japan:

Kaiyo Seamount accepted
Honza Seamount accepted
Amami Caldera accepted
Okinoerabu Knoll accepted
Yanbaru Hole accepted
Yanbaru Knoll accepted
Yoron Hole accepted

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Proposals submitted by China:

Weihan Seamount accepted
Weiyuan Seamount accepted
Qianyu Guyot accepted
Zhinyu Guyot accepted
Niulang Guyot accepted
Qiaoyue Seamount accepted
Lufei Seamount pending

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Proposals submitted by China:

- **Xiaozheng Seamount** accepted
- **Kaifeng Seamount** accepted
- **Caifan Seamount** accepted
- **Qingyuan Seamounts** pending
- **Ruiyun Seamount** pending
- **Risheng Guyot** accepted
- **Ritan Hill** accepted
- **Yuetan Ridge** accepted

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Proposals submitted by Russia:

*Avos Knoll* accepted
*Filippenko Knoll* accepted
*Gals Knoll* accepted
*Shilov Knoll* accepted
*Yunona Hill* accepted
*Zadornov Knoll* accepted

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Proposals submitted by Rep. of Korea:

*Bongsudae Knoll* accepted

*Byeongpung Escarpment* accepted

*Maetdol Knoll* accepted

*Ongjin Basin* accepted

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Proposals submitted by USA

- *Dotson-Getz Trough* accepted
- *Pine Island Trough* accepted
SCUFN XXIV-Report to GEBCO GC XXVIII

Proposals submitted by New Zealand

Ballance Seamount accepted

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11 Oct 2013
• Summary:

- 137 undersea feature name proposals were considered/discussed
- 48 proposals were discussed and finally accepted
- 75 undersea feature names were adopted from the NZGB
- 7 proposals are pending
- 7 were not accepted

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• STANDARDIZATION OF UNDERSEA FEATURE NAMES: IHO-IOC PUBLICATION B-6
  – Publication B-6 New Edition Vers. 4.1.0

•WG on Definition of Generic Terms
  - created the generic terms and images web page: http://www.scufnterm.org:8080/recommend/
  - added a new generic term „Channel“ into the new B-6

•WG on preparation of the User´s guide for the preparation of undersea feature name proposals → B-6 Vers. 4.1.0

•Preparation of a bilingual UFN proposal form
  A bilingual version of the proposal form was developed by a SCUFN-Member, other bilingual versions to follow

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SCUFN XXV-Report to GEBCO GC XXX

• STANDARDIZATION OF UNDERSEA FEATURE NAMES: IHO-IOC PUBLICATION B-6
  – Publication B-6 New Edition Vers. 4.1.0

43 Generic Terms (some with genetic implications)

17 Generic Terms „in reserve“

http://scufnterm.org
SCUFN XXV-Report to GEBCO GC XXX

• GAZETTEER OF UNDERSEA FEATURE NAMES
  IHO-IOC PUBLICATION B-8

  – Continued updating of the GEBCO Gazetteer

  – Review GEBCO Gazetteer Reserve Section

  – Web-based Map Interface and On-line Name Proposal Form
GAZETTEER OF UNDERSEA FEATURE NAMES
IHO-IOC PUBLICATION B-8
– Review Reserve Section

> 50 Features in B-8 Reserve Section

Features remain in Reserve Section

Feature names deleted or moved into B-8
Gazetteer -> Geospatially Enabled Database

Available in GIS friendly formats
    Shapefiles
    Keyhole Markup Language (Google Earth)
    Web Feature Services
Enhanced management capability
Easy real-time updates
On-line definition of geometry and extent
Easy to use for on-line name proposal
Geometry of feature defined, where data permit

Ongoing process

Hans Werner Schenke
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<th>Geometry (secondary)</th>
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</tbody>
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Proposer: Zhanhai ZHANG, State Oceanic Administration, No.1 Fuxingmenwai Ave., Beijing, China (heyunxu@hotmail.com)

Date of Proposal: September 2012
Discoverer: Chinese Research Vessel Dayang Yihao
Date of Discovery: October 2009
Minimum Depth: 2200 m
Maximum Depth: 3200 m
Total Relief: 1000 m
Dimension/Size: 8 km × 8 km
Liaison with ACUF
US Board on Geographical Names
Harmonization of GEBCO and ACUF Gazetteers
Thanks to ACUF for enforcing their rules, in order to harmonize the work and products of the two committees

Liaison with the UN Group of Experts on Geographical Names (UNGEGN)

Report of UNGEGN 27 and 10th UNSCGN; Notice of UNGEGN-28
(T. Palmer, UNGEGN Liaison to IHO)

Hans Werner Schenke

11 Oct 2013
Meeting 2013:

JHOD offered to host the meeting in 2013 from 23 to 28 Sept., 2013 in Japan