

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/SCUFN25_Docs.htm
- Membership ->

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Dr. Hans Werner SCHENKE, DE (Chair)	IOC	<input checked="" type="checkbox"/>
Ms. Lisa A. TAYLOR, USA (Vice-Chair)	IHO	<input checked="" type="checkbox"/>
LCdr. Felipe Barrios, Chile	IHO	<input checked="" type="checkbox"/>
Cpt. Ana Angelica ALBERONI, Brazil	IHO	<input checked="" type="checkbox"/>
Dr. Yasuhiko OHARA, Japan	IHO	<input checked="" type="checkbox"/>
Lic. Walter REYNOSO Peralta, Argentina	IHO	<input checked="" type="checkbox"/>
Cdr. Muhammad BASHIR, Pakistan	IHO	
Dr. Vaughan STAGPOOLE, New Zealand	IOC	<input checked="" type="checkbox"/>
Prof. Lin Shaohua, China	IOC	<input checked="" type="checkbox"/>
Dr. Hyun-Chul Han, Rep. of Korea	IOC	<input checked="" type="checkbox"/>
Mr. Norman Z. CHERKIS, USA	IOC	
Dr. Ksenia DOBROLYOBOVA, Russia	IOC	<input checked="" type="checkbox"/>
Ing. en Chef Michel HUET, IHB	Secretary	<input checked="" type="checkbox"/>

10 members out of 12 participated

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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)**

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

Actions from the previous meeting: **104**

during the intersessional period 2011-2012
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*

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• UFN Proposals

- **ACCEPTED**
- **ADOPTED**
- **NOT ACCEPTED**
- **PENDING**

SCUFN XXIV-Report to GEBCO GC XXVIII

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:

<u><i>Xiaozheng Seamount</i></u>	accepted
<u><i>Kaifeng Seamount</i></u>	accepted
<u><i>Caifan Seamount</i></u>	accepted
<u><i>Qingyuan Seamounts</i></u>	pending
<u><i>Ruiyun Seamount</i></u>	pending
<u><i>Risheng Guyot</i></u>	accepted
<u><i>Ritan Hill</i></u>	accepted
<u><i>Yuetan Ridge</i></u>	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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SCUFN XXIV-Report to GEBCO GC XXVIII

Proposals submitted by USA

Dotson-Getz Trough

accepted

Pine Island Trough

accepted

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SCUFN XXIV-Report to GEBCO GC XXVIII

Proposals submitted by New Zealand

Ballance Seamount

accepted

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• 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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- 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>

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- 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**

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- 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

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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

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Generic Feature Type	Geometry (primary)	Geometry (secondary)	Geometry (tertiary)		
ABYSSAL HILL	POINT	POLYGON			
ABYSSAL HILLS	POLYGON	MULTIPOINT	MULTIPOLYGON		
ABYSSAL PLAIN	POLYGON				
APRON	POLYGON				
ARCHIPELAGIC APRON	POLYGON				
BANK	POINT	POLYGON			
BANKS	POLYGON	MULTIPOINT	MULTIPOLYGON		
BASIN	POLYGON				
BORDERLAND	POLYGON				
CALDERA	POINT	POLYGON			
CANYON	LINestring	POLYGON			
CANYONS	POLYGON	MULTILINestring	MULTIPOLYGON		
CAP	POINT				
CHANNEL	LINestring	POLYGON			
CONE	POLYGON				
CONTINENTAL MARGIN	POLYGON				
CONTINENTAL RISE	POLYGON				
CONTINENTAL SHELF	POLYGON				
CONTINENTAL SLOPE	POLYGON				
DEEP	POINT	POLYGON			
DEEPS	POLYGON	MULTIPOINT	MULTIPOLYGON		

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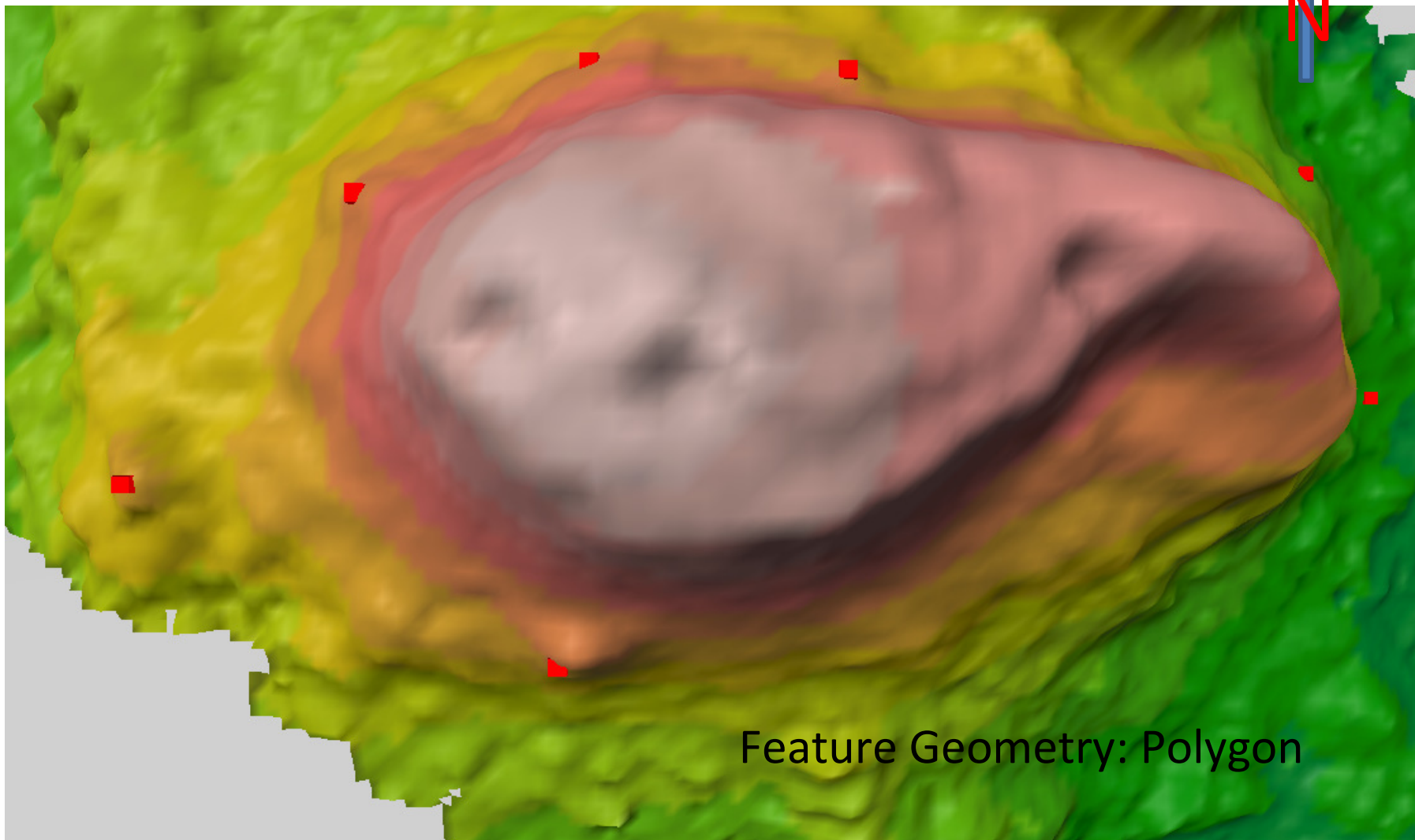
Docs: Proposal for [Weihan Seamount](#)

Position (Summit):	Lat.	00°05.20'S	Long.	101°24.20'W	Central East Pacific Ocean
Position (polygon):	Lat.	00°03.10'S	Long.	101°25.00'W	
	Lat.	00°03.30'S	Long.	101°23.70'W	
	Lat.	00°04.20'S	Long.	101°22.60'W	
	Lat.	00°05.20'S	Long.	101°22.20'W	
	Lat.	00°06.00'S	Long.	101°22.40'W	
	Lat.	00°06.70'S	Long.	101°23.10'W	
	Lat.	00°07.20'S	Long.	101°24.10'W	
	Lat.	00°07.10'S	Long.	101°25.40'W	
	Lat.	00°06.40'S	Long.	101°26.00'W	
	Lat.	00°05.60'S	Long.	101°26.60'W	
	Lat.	00°04.60'S	Long.	101°26.50'W	
	Lat.	00°03.60'S	Long.	101°25.80'W	
	Lat.	00°03.10'S	Long.	101°25.00'W	
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				

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Feature Geometry: Polygon

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Polygon **Maury Seamount**

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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)

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Meeting 2013:

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

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