

Sixth meeting

22 - 24 April 1985

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INTERGOVERNMENTAL OCEANOGRAPHIC
COMMISSION (of Unesco)



INTERNATIONAL HYDROGRAPHIC
ORGANIZATION



Sixth Meeting of the GEBCO Sub-Committee on Geographical Names
and Nomenclature of Ocean Bottom Features

International Hydrographic Bureau, Monaco
22-24 April 1985
(as opportunity permitted)

SUMMARY REPORT

GEBCO SUB-COMMITTEE ON GEOGRAPHICAL NAMES
AND NOMENCLATURE OF OCEAN BOTTOM FEATURES

—
Sixth Meeting, Monaco, IHB Headquarters
22-24 April 1985
(as opportunity permitted)
—

SUMMARY REPORT

Dr. Robert L. FISHER, Chairman of the Sub-Committee, opened the meeting at 09.00 on Monday 22 April and welcomed the participants. He reported that he had received apologies for absence from Dr. Robin K.H. FALCONER ; he also said that he had received a long and detailed telex message from Dr. FALCONER containing a number of recommendations and comments. He would reply on behalf of the Sub-Committee.

The Chairman welcomed Dr. Richard RANDALL, Commodore Sergei VAL'CHUK and Mr. William WATSON, who were attending as observers.

A full list of participants is given in Annex 2.

Vice Admiral Orlando A.A. AFFONSO expressed the pleasure it gave him to be host at the meeting.

The Sub-Committee had before it a number of letters and documents listing various geographical names of undersea features, for review.

The Chairman expressed particular appreciation to the IHB for the very comprehensive draft working document "List of Geographical Names of Undersea Features shown on the GEBCO 5th Edition and on the Small-Scale IHO International Chart Series" which had been prepared by the Secretary of the Sub-Committee.

The Secretary stated that on this draft working document all the GEBCO geographical names have been listed with their approximate geographical co-ordinates. Geographical names have also been extracted from all the Small-Scale IHO International Chart Series (1:3.5M and 1:10M) and the reference INT numbers added in column 4 of the List.

The Chairman then said that each submission would be considered and a decision taken as to whether it should be accepted for inclusion in a final version of the above List. At the same time, any existing errors located would be rectified and notified to the Secretary of the Sub-Committee. The Dominion Hydrographer, Canada, would be invited to incorporate these additions and amendments in the GEBCO 5th Edition when the sheets were next taken in hand for reprinting. He stressed that names would only be accepted if the corresponding features appear clearly on the appropriate sheets. Names of features known to exist but not so shown would have to await their depiction on the GEBCO (6th Edition). In the meantime, however, proposals regarding them will be kept on record at the IHB.

After discussion of several hundred geographical names plotted for inspection of the Sub-Committee, agreement was reached to accept a large proportion for depiction on the GEBCO 5th Edition when next reprinted.

All new and amended names accepted as a result of the review are listed in Annex 1,

Dr. Richard RANDALL, of BGN, presented a number of comments on possible improvement of the GEBCO and Small-scale IHO INT Chart Series nomenclature compilation. The Sub-Committee agrees with, and accepts, specifically the following :

1. All names proposed by the USSR should be spelled by single romanization system.
2. Names proposed by the USSR should be checked against BGN records. Any conflicts should be worked out according to evidence of pertinent factors, e.g. prior application.
3. In the names list, perhaps greater use of cross references should be made. (Reason : such cross references would make the "List" more compatible with other sources that may carry other feature names). Cross references also should include "former" names.

Dr. RANDALL further said that he would :

- a) act to revise pertinent UN documents to reflect these considerations ;
- b) collaborate as UN/USBGN representative in all aspects to develop mutually acceptable and maximally beneficial results.

It gave the Sub-Committee particular pleasure and satisfaction to name a newly discovered and delineated significant undersea feature in the Southwest Indian Ocean the "ERIC SIMPSON Fracture Zone" after their late friend and valued colleague.

The Chairman closed the meeting at 19.15 on wednesday 24 April 1985.

ANNEX I

RESULT OF REVIEW BY THE SUB-COMMITTEE OF LETTERS AND DOCUMENTS
LISTING GEOGRAPHICAL NAMES OF UNDERSEA FEATURES

1. Letter from Dr. Robert L. FISHER (Chairman) to the Secretary of the Sub-Committee, dated 12 February 1985, together with completed "Undersea feature name proposal forms" .

Accepted names :

BAHAMA Ridge	30°00'N - 75°25'W to 26°30'N - 74°40'W	5.08
BLAKE Ridge	31°15'N - 74°45'W to 28°50'N - 72°45'W	5.08
BERLANGA Ridge	8°30'N - 95°W	5.07
O'GORMAN Fracture Zone (East and west)	14°30'N -109°30'W to 15°30'N - 98°30'W	5.07
RESEARCHER Ridge	15°N - 50°W	5.08
ROYAL Trough	16°10'N - 49°20'W	5.08
PRINCESSE ALICE Bank	38°N - 29°15'W	5.08
BULLARD Fracture Zone	57°53'S - 7°W	5.16

2. Revisions or changes proposed and approved by the Sub-Committee

MONACO Basin : It was noted that "Fosse de Monaco" appears on the GEBCO 1st, 2nd, 3rd and 4th Editions but on the 5th Edition it had been shown as MONACO Basin. It was decided that the main feature would be named the CANARY Basin and that the deepest part thereof would be named the MONACO Deep (32°N - 24°43'W).

ASQUITH Bank (Mr. Watson to submit a Name Proposal Form)	8°45'S - 47°10E	5.09
DUTOIT Fracture Zone	53°S - 25°10E to 46°S - 30°10E	5.09 and 5.13
MANDELA Fracture Zone (Proposal that it be renamed JABARU Fracture Zone - to be cleared with appropriate authorities)	52°15'S - 15°05'E	5.16
MELVILLE Bank	38°29'S - 46°46'E	5.09
PATTON Escarpment (amend spelling)	32°20'N - 120°00'W	5.07
RODRIGUES Ridge (amend spelling)	19°30'S - 61°50'E	5.09
SHIMADA Seamount (amend spelling)	16°52'N - 117°31'W	5.07

No decision was taken on the feature named MINERVE Reef (22°40'S - 133°35'W) on 5.11 and EBRILL Reef (same position) by ACUF/BGN in the 1981 Gazetteer. Further investigation should be made as to :

- i) which name has precedence by date ;
- ii) the significance of the feature ; and
- iii) whether it is in French waters.

The Secretary to reply to Mr. Arthur A. STAFF Jr., of the General Instrument Corporation, rejecting his proposal for a feature to be named the "JEFFREY STAFF Seamount.

3. Letter from Dr. Johannes ULRICH to the IHB dated 29 December 1982, enclosing completed "Undersea feature name proposal form" for SONNE Seamount : Accepted.

SONNE Seamount 15°07'N - 156°40'W 5.07

4. Letter from Dr. Jacqueline MAMMERICKX to Dr. R.L. FISHER dated 21 March 1985)
(proposal also considered by ACUF/BGN.

EMPEROR Seamounts	: -TENJI Guyot	49°00'N - 168°25'E	5.02
JIMMU Guyot		46°00'N - 169°25'E	5.06
SUIKO Guyot		44°30'N - 170°20'E	5.06
SOGA Guyot		43°20'N - 170°00'E	5.06
SHOWA Guyot		43°00'N - 170°30'E	5.06
GODAIGO Guyot		41°50'N - 170°35'E	5.06
NINIGI Guyot		41°44'N - 170°12'E	5.06
NINTOKU Guyot		41°00'N - 170°40'E	5.06
JING Guyot		38°50'N - 171°15'E	5.06
OJIN Guyot		38°00'N - 170°30'E	5.06
KOKO Guyot		35°15'N - 171°35'E	5.06
TOBA Guyot		33°15'N - 171°40'E	5.06
GOSANJO Guyot		32°55'N - 171°35'E	5.06
GOSHIRAKAWA Guyot		32°40'N - 171°40'E	5.06
KAMMU Guyot		32°10'N - 173°00'E	5.06

above to be shown on sheet 5.06 if space permits.

JINGU Basin		39°30'N - 171°00'E	5.06
KALANIOPUU Basin		25°00'N - 180°00'	5.06
KAMEHAMEHA Basin		15°00'N - 160°00'W	5.07
LILIUOKALANI Ridge	34°00'N - 176°15'W to 28°00'N - 171°00'W		5.07
	(to replace NORTHWEST HAWAIIAN Ridge)		
DE VEUSTER Seamount		30°15'N - 177°30'E	5.06
VICTORIA Fracture Zone	8°N - 175°00'E to 2°N - 176°30'E		5.06
CIPANGU Basin		34°00'N - 149°00'E	5.06
PTOLEMY Basin		27°30'N - 156°30'E	5.06
	(note revised position)		
MERCATOR Basin		33°00'N - 165°00'E	5.06
ORTELIUS Fracture Zone		25°00'N - 162°45'E	5.06
NADESHDA Basin		30°00'N - 148°00'E	5.06
MARCUS-WAKE Seamounts	18°N-22°N to 148°E - 163°E		5.06
	(to replace MID-PACIFIC Mountains)		

MID-PACIFIC Seamounts (to replace MID-PACIFIC Mountains)	20°N - 172°E to 20°N - 168°W	5.06 & 5.07
ONTONG-JAVA Rise (to replace SOLOMON Rise)	2°00'N - 156°00'E to 8°00'S - 162°30'E	5.06
NOVA-CANTON Trough (to be extended across two features formerly labelled NOVA-CANTON Trough and NOVA Trough)	4°30'S - 179°30'W to 0°00' - 165°30'W	5.10
NORTH MAGELLAN Rise	12°30'N - 177°00'W	5.07
SCULPIN Ridge	18°00'N - 169°00'W to 13°00'N - 165°00'W	5.07
KINGMAN Basin	8°30'N - 167°30'W	5.07
KRUSENSTERN Trough	50°00'N - 165°30'E	5.02
MOCTEZUMA Trough	18°00'N - 107°00'W to 15°30'N - 107°20'W	5.07

5. ACUF/BGN Lists

a) 207th Meeting, 4 December 1981

DEL CANO Rise (to be renamed ELCANO Rise)	45°15'S - 39°30'E to 45°30'S - 47°00'E	5.09
PERNAMBUCO Seachannel	12°00'S - 33°15'W	5.12
RECIFE Plateau	8°30'S - 34°10'W	5.12
TRINDADE Seachannel	23°00'S - 32°36'W	5.12
CEARA Ridge (formerly CEARA Rise)	6°00'N - 45°00'W to 3°30'N - 41°00'W	5.08
VITORIA-TRINDADE Seamounts	20°40'S - 38°00'W to 20°30'S - 30°40'W	5.12
M.N. HILL Ridge (to be renamed MAURICE HILL Ridge)	3°30'S - 53°10'E	5.09

b) 208th Meeting, 10 November 1982

ABBOTT Seamount	31°48'N - 174°18'E	5.06
ATWATER Valley	27°30'N - 87°30'W	5.08
EMDEN Deep	10°39'N - 126°36'E	5.06
GODAIGO Seamount	41°50'N - 170°35'E	5.06
NINIGI Seamount	41°44'N - 170°13'E	5.06

c) 209th Meeting, 15 July 1983

KOMANDORSKAYA Basin (to replace KAMCHATKA Basin)	57°00'N - 167°30'E	5.02
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d) 210th Meeting, 30 September 1983

EDORAS Knoll (formerly EDORAS Bank)	56°00'N - 22°10'W	5.04
GUINEA Plateau	9°45'N - 17°30'W	5.08
KANE Gap	9°15'N - 19°30'W	5.08

LORLEN Knoll (formerly LORLEN Bank)	54°10'N - 19°50'W	5.04
SAHARAN Seamounts (amend spelling)	25°30'N - 20°00'W	5.08
TAGUS Basin (to replace TAGUS Abyssal Plain)	37°50'N - 11°40'W	5.08

e) 211th Meeting, 13 December 1983

FRYER Guyot	20°30'N - 148°00'E	5.06
HEMLER Guyot	19°40'N - 151°40'E	5.06
LOWRIE Guyot	19°40'N - 150°47'E	5.06
VOGT Guyot	19°50'N - 149°00'E	5.06

f) 212th Meeting, 3 April 1984

CARDNO Guyot (formerly, Smt.)	13°00'S - 5°40'W	5.12
LABRADOR Trough	56°45'N - 60°20'W to 54°20'N - 56°00'W	5.04
ALGOL Seamount	2°15'S - 84°30'W	5.11

g) 213th Meeting, 18 June 1984

COOK Canyon (replaces COOK Trough)	51°20'N - 128°40'W	5.03
MORESBY Seachannel (replaces MORESBY Channel)	46°40'N - 138°10'W to 50°N - 135°W	5.03
MORESBY Canyon	50°40'N - 132°35'W to 53°15'N - 130°35'W	5.03
CROUGH Seamount	24°45'S - 121°45'W	5.11
GARDAR Ridge	58°00'N - 25°30'W	5.04

h) 214th Meeting, 25 September 1984

ANTALYA Canyon	36°40'N - 30°45'E	5.05
LYNCH Seamount	32°45'N - 54°15'W	5.08
NAVARIN Canyon	60°45'N - 179°15'E	5.02
PERVENETS Canyon	59°30'N - 178°00'W	5.03
TOBA Guyot	33°15'N - 171°40'E	5.06

i) 215th Meeting, 9 January 1985

DAVIS Sill	65°30'N - 57°00'W	5.04 & 5.17
DESBARRES (DesBarres) Canyon	44°00'N - 53°27'W	5.08
EWING Seamount	20°20'N - 174°10'E	5.06
HERALD Valley	71°15'N - 174°20'E	5.03 & 5.17
JACQUELINE Guyot	19°20'N - 176°40'E	5.06
LAMONT Guyot	21°32'N - 159°32'E	5.06

SCRIPPS Guyot	23°50'N - 159°23'E	5.06
SHEPARD Guyot	19°10'N - 179°45'W	5.07
STETSON Guyot	19°40'N - 176°05'E	5.06
AMUNDSEN Trough	70°30'N - 123°00'W	5.03 & 5.17
GUSTAF ADOLF Trough (to replace PRINCE GUSTAF ADOLF Sea)	78°35'N - 106°00'W	5.17
LAURENTIAN Trough	47°40'N - 60°00'W	5.04
MELVILLE Trough (to replace VISCOUNT MELVILLE Sound)	74°00'N - 108°30'W	5.17
NORTH TOKELAU Basin (not Trough)	4°30'S - 167°30'W	5.10

j) 216th Meeting, 27 March 1985

MAIKO Seamount	34°02'N - 145°55'E	5.06
MIAMI Guyot	21°40'N - 161°55'E	5.06
OGASAWARA Trough (move the name SITTIO-OZIMA Ridge westward on to charted ridge : 33°15'N - 139°30'E to 26°00'N - 141°00'E)	28°00'N - 141°20'E	5.06
PERNAMBUCO Plateau (coordinates from Names not yet accepted by ACUF/BGN) (see also RECIFE Plateau, 8°30'S - 34°10'W, from the 207th Meeting)	9°30'S - 32°30'W	5.12
TAKUYO-DAISAN Seamount	34°12'N - 144°18'E	5.06
TOWNSEND CROMWELL Seamount	29°50' - 179°04'E	5.06
WILDE Guyot	21°07'N - 163°30'E	5.06

k) Not yet accepted by ACUF/BGN

AQUARIUS Seachannel (formerly AQUARIUS Channel)	48°15'N - 157°15'W to 53°N - 155°20'W	5.03
FERNANDO DE NORONHA Seamounts	4°00'S - 34°00'W	5.12
GRATTAN Bank (not Seamount)	9°50'S - 12°50'W	5.12
MacDONALD Guyot	19°10'N - 173°15'E	5.06
MENARD Guyot	20°50'N - 173°12'E	5.06
REVELLE Guyot	19°35'N - 179°30'E	5.06
SAGITTARIUS Seachannel (formerly SAGITTARIUS Channel)	48°45'N - 158°30'W to 53°N - 156°30'W	5.03
TAURUS Seachannel (formerly TAURUS Channel)	47°30'N - 155°W to 53°N - 154°W	5.03
Delete : PISCES Depression	48°00'N - 155°30'E	5.03

6. Proposals regarding Geographic Names for the :

- a) International Geophysical Atlases of the Atlantic and Pacific Oceans (GAPA)
- b) List of Geographical Names of Undersea Features (5th and next edition of GEBCO)

(Submission to the Sub-Committee by Dr. Galina V. AGAPOVA)

The following names have been accepted subject to a further detailed check by Dr. AGAPOVA to confirm positions (including submission of "Undersea feature name proposal forms" to the Secretary of the Sub-Committee) and also a cross-check to the ACUF/BGN lists to ensure that features have not already been named.

Atlantic Ocean

BAGRATION Seamount	15°28'S - 6°27'W	5.12
DOLGAYA Seamount	60°08'S - 34°56'W	5.16
KNIPOVICH Seamount	5°35'N - 26°54'W	5.12
KUTUZOV Seamount	15°10'S - 8°19'W	5.12
MOLODEZHAYAYA Seamount	15°08'N - 50°11'W.	5.08
STVOR Seamount	9°53'S - 5°25'W	5.12
SEDLO Seamount	40°25'N - 26°55'W	5.08
VAYDA Seamount	14°50'N - 48°07'W	5.08
VYSOKAYA Bank (not Smt)	59°43'S - 27°58'W	5.16
VERNADSKIY Fracture Zone (just south of DOLDRUMS Fracture Zone)	7°30'N - 40°W to 7°30'N - 29°30'W	5.08

Pacific Ocean

CHIRIKOV Seamount	55°00'N - 153°00'W (to be checked)	5.03
DEMINA Seamount	48°15'N - 153°30'W	5.03
DMITRI MENDELFEV Seamount	4°52'N - 154°58'E	5.06
LAZAREV Trough	65°40'S - 130°00'E	5.14 & 5.18
MOROSKO Seamount	45°10'N - 158°15'E	5.06
OBRUCHEV Rise	53°40'N - 164°E to 50°30'N - 167°40'E	5.02
SHIOKMAN Guyot	25°00'S - 82°05'W	5.11
SHULEYKIN Seamount	41°15'N - 163°30'E	5.06
SMETANIN Seamount	40°40'N - 146°50'E	5.06
TITOV Seamount	0°30'S - 176°00'W	5.10
ZHEMCHUG Canyon	57°30'N - 175°20'W	5.03
ZUBOV Seamount	18°00'N - 160°00'E	5.06

Indian Ocean

DUBININ Trough	67°10'S - 80°30'E	5.13 & 5.18
KANAEV Seamount	33°07'S - 84°50'E	5.09

Arctic Ocean

CHEREVICNY Rise	82°15'N - 151°30'W	5.17
ERMAK Plateau	81°00'N - 6°00'E	5.17
GAKKEL Ridge (replaces NANSEN Cordillera and ARCTIC MID-OCEAN Ridge)	83°N - 5°W to 81°30'N - 124°E	5.17
KNIPOVICH Ridge	75°N - 7°E to 78°30'N - 6°E	5.17
LITKE Trough	81°10'N - 14°00'E	5.17
MENDELEEV Rise (formerly MENDELEEV Ridge)	77°N - 180°W to 85°N - 170°W	5.17
MESYATSEV Seamount	72°30'N - 0°30'W	5.17
PERSEUS Rise	78°30'N - 36°00'E	5.17
SEVER Rise	79°N - 120°W to 82°N - 128°W	5.17
SOTRUDNICEST Gap	84°30'N - 153°E (to be checked)	5.17
ST ANNE Trough	78°30'N - 70°E to 83°N - 68°E	5.17
STEFANSSON Basin	81°15'N - 120°W to 84°N - 130°W	5.17
VORONIN Trough (formerly VOZONIN Trough)	79°N - 88°E to 82°N - 85°E	
<u>Position to be identified</u> : <u>KARASEV Bank</u>		• • •

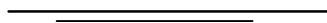
7. Telex dated 20 April 1985 from Dr. Robin K.H. FALCONER

MACQUARIE Ridge (formerly MACQUIRE Ridge Complex)	48°S - 165°E to 59°20'S - 159°30'E	5.14
MALVINAS Trough (formerly MALVINAS Chasm)	52°30'S - 50°00'W	5.16
SOUTHWEST PACIFIC Basin (5.10) (formerly SOUTHWESTERN PACIFIC Basin on 5.11 and 5.14)	23°S-170°W to 42°S-132°W to 57°S-170°E (5.11) (5.14)	5.10, 5.11 & 5.14
PUYSEGUR Trench (formerly PUYSEGUR Trough on 5.14 ; correct but reposition on 5.10)	46°15'S - 165°10'E to 49°20'S - 163°45'E	5.10 & 5.14
AUSTRALIAN-ANTARCTIC Discordance (amend typeface to sloping)	49°S - 124°E	5.14
PORCUPINE Seabight (amend typeface to sloping)	50°30'N - 13°00'W	5.04
GREAT AUSTRALIAN Bight (amend typeface to sloping)	33°00'S - 130°00'E	5.10

and some spelling corrections to the "List of Geographical Names of Undersea Features shown on the GEBCO 5th Edition and the Small-Scale IHO International Chart Series", Draft working document, March 1985.

8. Other proposals

ALJULA-FARTAK Trench	13°N - 51°10'E to 14°50'N - 52°20'E	5.05
ANDREW BAIN Fracture Zone	51°S - 28°52'E to 41°S - 35°21'E	5.09
ANNA DE KONINGH Seamount (207 metres least depth)	53°22'.3 S - 24°59'.7 E	5.13
BERING Canyon	54°08'N - 168°15'W	5.03
BRISTOL Canyon	54°55'N - 168°40'W	5.03
CARNEGIE Ridge (delete on 5.07 and reposition on 5.11 to clear ALGOL Seamount : 2°15'S - 84°30'W)	1°00'S - 89°00'W to 1°00'S - 82°00'W	5.11
ERIC SIMPSON Fracture Zone	42°S - 39°50'E to 45°S - 38°45'E	5.09
GILBERT Seamount (formerly GILBERT Seamounts)	52°50'N - 150°10'W	5.03
KRYLOV Seamount (formerly KRYLOU Seamount)	17°20'N - 29°10'W	5.08
MGU Seamount	12°23'N - 61°15'E	5.05
MOUNT ERROR Guyot	10°17'N - 56°01'E	5.05
MUIRFIELD Reef	13°10'S - 96°10'E	5.09
MUSICIANS Seamounts	26°N - 159°W to 33°30'N - 165°30'W	5.07
PRIBILOF Canyon	55°35'N - 170°00'W	5.03
SHATSKIY Rise (extend name)	31°N - 156°E to 43°30'N - 167°30'E	5.06
SHORTLAND Canyon	59°00'N - 45°00'W	5.04
UMNAK Canyon	53°45'N - 170°00'W	5.03
WALVIS Ridge (reposition of name)	35°S - 5°W - 22°S - 7°30'E	5.12
DISCOVERY II Fracture Zone (complete position)	44°30'S-41°20'E to 39°S-43°30'E	5.09
MISSISSIPPI Fan (reposition of name)	26°30'N - 89°30'W to 27°N - 87°W	5.08



ANNEX II
LIST OF PARTICIPANTS

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