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FOURTH UNITED NATIONS CONFERENCE ON THE
STANDARDIZATION OF GEOGRAPHICAL NAMES
Geneva, 24 August to 14 September 1982
Item 12 (c) of the provisional agenda*

POLICIES, PROCEDURES AND CO-OPERATIVE ARRANGEMENTS FOR THE NAMING OF FEATURES BEYOND A SINGLE SOVEREIGNTY: UNDERSEA FEATURES

Report of the Working Group on Maritime and Undersea Features of the United Nations Group of Experts on Geographical Names **

Paper presented by the Working Group on Maritime and Undersea Features of the United Nations Group of Experts on Geographical Names

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* E/CONF.74/1.

** Prepared by Dr. Richard R. Randall, Executive Secretary, United States Board on Geographic Names, Washington, D.C., United States of America, Convenor of the Working Group.

GE.82-66226

In accordance with paragraph 29 of the report of the 9th session of the UN Group of Experts regarding the dissemination of names nations have applied to undersea features, there is attached to this paper a list of undersea feature names submitted by Greece. The list contains 31 names, each of which is identified on a proposal form with locational and other data.

These names and associated information are distributed to interested nations for approval and application as desired. Questions concerning the names should be addressed to Greece.

Other nations involved in naming undersea features are encouraged also to distribute names approved and applied by appropriate national authorities.

UNDERSEA FEATURE NAME PROPOSAL

	No.	Name proposed	Ocean or Sea	Co-ordinates	
				Lat.(N)	Long.(E)
	16	AMORGOS-LEROS RIDGE	AEGEAN	37°02'	26°30'
	11	ANDROS CHIOS RIDGE	"	38° 7'	25°30'
	19	ARGOLIKOS BASIN	"	36°06'	23°30'
	9	EVVOIA-LESVOS RIDGE	"	38°37'	25° 5'
	27	HELLENIC TRENCH	E. MEDITERRANEAN	35°30'	22°00'
	12	IPEIROS CONTINENTAL	IONION	39°20'	20°06'
	21	KRITI TROUGH	AEGEAN	35°49'	25°51'
	23	KRITI-RODOS RIDGE	"	35°28'	27°02'
	17	KYKLADES PLATEAU	"	37°13'	24°53'
	10	LESVOS BASIN	"	38°55'	26°17'
	7	LIMNOS PLATEAU	"	39°44'	25°27'
*	26	MEDITERRANEAN RIDGE	E. MEDITERRANEAN	34°00'	24°00'
	20	MESSINA ABYSSAL PLAIN	IONION	35°40'	18°15'
	18	MYRTOON BASIN	AEGEAN	37°04'	24°
*	3	NORTH AEGEAN TROUGH	"	39°49'	24°25'
*	13	NORTH IKARIA BASIN	"	37°53'	26°15'
	5	NORTH SKYROS BASIN	"	39°10'	24°55'
*	30	PELOPONNISOS CONTINENTAL MARGIN	IONION	37°00'	21°25'
	22	PELOPONNISOS-KRITI RIDGE	AEGEAN	36°00'	23°11'
	24	PLINIUS TRENCH	"	34°07'	25°31'
*	29	PTOLEMY MOUNTAINS	"	34°29'	24°40'
	28	RODOS BASIN	"	35°55'	28°30'
	15	SAMOS-KOS PLATEAU	"	37°17'	26°52'
	2	SAMOTHRAKI PLATEAU	"	40°43'	25°00'
	8	SKYROS-LESVOS RIDGE	"	39°00'	25°08'
	14	SOUTH IKARIA BASIN	"	37°22'	26°11'
	6	SOUTH SKYROS BASIN	"	38°40'	24°41'
*	4	SPORADES LIMNOS RIDGE	"	39°40'	24°37'
	25	STRAVON TRENCH	"	34°18'	27°00'
	1	THERMAIKOS PLATEAU	"	40° 5'	22°57'
	31	ZAKYNTHOS BASIN	IONION	37°23'	20°20'

* Reproduced as sample hereafter.

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea E.MEDITERRANEAN Name proposed MEDITERRANEAN RIDGE

Location of midpoint: Lat. 34° 00' (N) (S), Long. 24° 00' (E) (W);

155,57 kilometers in 180°30' direction from CHANIA

Description: Kind of feature: RIDGE

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc. – use additional co-ordinates for extremities of lineal features): Size = 206,600 km2: shape are-like dimensions 837 NM

min. depth = 1268 m. max. depth = 3428 m. Steepness+ min. 0,2% max. 14%

Associated features: HELLENIC TRENCH

Chart reference:

Shown and named on chart (map) I.B.C.M.

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name: From Mediterranean Sea

If for a person, state how associated with the feature to be named

Discovery facts: Date 1961-1965; by (individuals or ship) R/V ARAGONESE

By means of (equipment): EDO Sounder

Navigation used: LORAN C, Radar

Estimated positional accuracy in nautical miles: 0,1

Description of survey (track spacing, line crossings, grid network, etc.): Track spacing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) Gravity and magnetometer field. Sackant ASW Research, La Spezia and Geofisico Sperimentale Trieste.

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any:

1) K.O. EMERY Bruce C. Heren and T.D. ALLAN 1966 "Bathymetry of the Eastern Mediterranean Sea" Deep-Sea Research V.16 pp 173-192

2) H. Wong, E.F. Zarudzki and all 1971" Some geophysical profiles in the Eastern Mediterranean" Geol.Soc. of America Bull V.82 pp 91-100

3) D. Stanley 1973 "Basin plains in the Mediterranean" Marine Geol. 15 (1975): 295-307

Names proposal form

SUBMITTED BY:

Date:

Address:

CONCURRED IN BY (if applicable):

Address

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea AEGEAN SEA Name proposed NORTH AEGEAN TROUGH

Location of midpoint: Lat. 39°49' (N) (S), Long. 24°25' (E) (W);

124 kilometers in 66° direction from VOLOS

Description: Kind of feature: ~~TROUGH~~

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc. – use additional co-ordinates for extremities of lineal features): Size: 8580 Km^2, shape = oblong dimensions E-W = 62 NM N-S = 16 NM max, depth 1611m, min. depth 544 m. Steepness = min 1.2% max. 35%.

Associated features: THERMAIKOS PLATEAU – SAMOTHRAKI PLATEAU

Chart reference:

Shown and named on chart (map) I.B.C.M.

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name: It (is situated in), the northern Aegean Sea

If for a person, state how associated with the feature to be named

Discovery facts: Date 1972; by (individuals or ship) N/O Jean Charcot

By means of (equipment): Seismic reflexion (Sparker) echo sounding (4 KHZ) magnetometer

Navigation used: Satellite Radar

Estimated positional accuracy in nautical miles: 0,1

Description of survey (track spacing, line crossings, grid network, etc.): Track spacing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.)

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any:

1) Needham et al 1973 : North Aegean Sea Trough 1972 "Jean Charcot" Cruise Geol. Soc Greece V X N° 1 p. 152 - 152

2) Bizu - Duval et al "Geology of the Mediterranean Sea Basin Ged. of Continental Margin p.695 - 721

3) M.D. Fytikos and N.P. Kolios 1979 "Preliminary Heat Flow Map of Greece" Terrestrial Heat Flow In Europe p. 197-205

4) Jacq Angelier 1978 "Tectonic evolution of the Hellenic arc. since the late Miocene Tectonophysics 49 : 23 - 36

Names proposal form

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Date:

Address:

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UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea AEGEAN SEA Name proposed NORTH IKARIA BASIN

Location of midpoint: Lat. 37°53' (N) (S), Long. 26°15' (E) (W);
140 kilometers in 185° direction from MYTILINI

Description: Kind of feature: BASIN

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc. - use additional co-ordinates for extremities of lineal features): Size = 4710, shape = oval
dimensions E-W = 69 NM, N-S = 27 NM
max. depth 1168m min. depth (400) Steepness = min. 2%, max.32%

Associated features: IKARIAN ISLAND

Chart reference:

Shown and named on chart (map) I.B.C.M.

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name: It is located North of Ikarian Island

If for a person, state how associated with the feature to be named

Discovery facts: Date 1971-72-74 by (individuals or ship) M/V Seismic Explorer, RRS SHACLETON DISCOVERY

By means of (equipment): Seismic (Air gun sleeve exploder) echo sounder

Navigation used: Satellite radar

Estimated positional accuracy in nautical miles: 0,1

Description of survey (track spacing, line crossings, grid network, etc.): Track spacing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) Seismic profils Institute of Geology and Mineral Exploration, Athens, Echo sounding Hydrographic Dept.: England

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any: 1) Morelli C. Cantar C. Pisani 1975 "Geophysical studies in the Aegean Sea and Eastern Mediterranean" Boll Geof. Teor. Applic. Vol. XVIII p. 66

2) Stanley D.J. and Perissoratis C. 1977 "Aegean Sea Ridge Barrier and Basin Sedimentation patterns" Marine Geol. V 24 pp.97-107

SUBMITTED BY:

Date:

Address:

CONCURRED IN BY (if applicable):

Address:

Names proposal form

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea IONION SEA Name proposed PELOPONNISOS CONTINENTAL MARGIN

Location of midpoint: Lat. 37° 00' (N) (S), Long. 21° 25' (E) (W);

72 kilometers in 270° direction from KALAMATA

Description: Kind of feature: MARGIN

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc - use additional co-ordinates for extremities of lineal features): size = 18,300 km2, shape = irregular dimensions = E-W = 44 NM - N-S = 43 NM - max. depth (3000) m. steepness = min. 2% - max. 60%

Associated features: PELOPONNISOS

Chart reference:

Shown and named on chart (map) I.B.C.M.

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name: From Peloponnisos mainland

If for a person, state how associated with the feature to be named

Discovery facts: Date 1974-75 - 76; by (individuals or ship) N/O BANNOCK, N/O TRIDENT, N/O DECTRA; N/O MARSILI

By means of (equipment): echo sounder 3,5 KHZ, Air Gun, Sparker

Navigation used: Sattelite, Radar, Loran C

Estimated positional accuracy in nautical miles: 0,1

Description of survey (track spacing, line crossings, grid network, etc): Track spacing, line crossing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc) dredge samples cores, magneties, gravity C.S. M.P. PERPIGNAN GRANCE

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any: 1) J. VITTORI 1978, "Caracteres structuro-sedimendaires de la couverture plio-quaternaire au niveau des pentes et des fosses Helleniques du Peloponnèse" Thèse 3ème Cycle Université Paul Sabatier de Toulouse.

Names proposal form

SUBMITTED BY:

Date:

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Address:

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea AEGEAN SEA Name proposed PTOLEMY MOUNTAINS

Location of midpoint: Lat. 34° 29' (N) (S), Long. 24° 40' (E) (W);

130 kilometers in 153° direction from CHANIA

Description: Kind of feature: MOUNTAINS

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc. - use additional co-ordinates for extremities of lineal features): Size = 580 km2, shape = oblong, dimensions = N-S = 21 NM, E-W = 10 NM, min. depth = 975, max. depth = 14700 (2000), steepness = min. 4%, max. 23%

Associated features: KRITI ISLAND

Chart reference:

Shown and named on chart (map) I.B.C.M.

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name:

If for a person, state how associated with the feature to be named From the ancient Pioneer geographer PTOLEMY

Discovery facts: Date 1964; by (individuals or ship) R/V ARAGONESE

By means of (equipment): EDO sounder, boomer

Navigation used: Loran C. Radar

Estimated positional accuracy in nautical miles:

Description of survey (track spacing, line crossings, grid network, etc.): Track spacing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) Askania Graf gravimeter, magnetometer, La Spezia Italy NATO

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any: 1) K.O. Emery, B.C. Heezen and T.D. Allan 1966 "Bathymetry of the Eastern Mediterranean Sea" Deep-Sea Research V, 13 pp 137-192

2) P.D. Rabinowitz and W.B.F. Ryan 1970 "Gravity anomalies and crustal shortening in the Eastern Mediterranean Tectonophysics 10 (1970) 585-608

3) H.K. Wong, E.E.K. Zarudzki and all 1971 "Sowe Geophysical profiles in the Eastern Mediterranean" Geol. Soc. America bull v.82 pp 91-100

SUBMITTED BY:

Date:

Address:

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Names proposal form

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea AEGEAN SEA Name proposed SPORADES LIMNOS RIDGE

Location of midpoint: Lat. 39° 40' (N) (S), Long. 24°37' (E) (W);

148 kilometers in 77° direction from V O L O S

Description: Kind of feature: RIDGE

Identifying or categorizing characteristics (size, shape, dimensions, least depth, steepness, etc. - use additional co-ordinates for extremities of lineal features): Size: 2070 Km^2 shape = oblong dimensions = E-W = 51 NM N-S = 16 NM min depth 65 m max. dept 312 m, Steepness min = 0,09%

Associated features: NORTH AEGEAN TROUGH

Chart reference:

Shown and named on chart (map)

Shown but not named on chart (map)

Not shown but within area covered by

Reason for choice of name: From Sporades and Limnos island

If for a person, state how associated with the feature to be named

Discovery facts: Date 1972; by (individuals or ship) M/V Seismic Explorer

By means of (equipment): Seismic (Air-gun-sleeve exploder)

Navigation used: Satellite - Radar

Estimated positional accuracy in nautical miles: 0,1

Description of survey (track spacing, line crossings, grid network, etc.): Track spacing

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.): Seismic Profiling - Institut of Geology and Mineral Exploration Athens Greece

Supporting material: Enclose, if possible, a sketch map of the survey area, profiles of the feature, etc. Reference to prior publication, if any: N. Stanley D.J. and Perissoratis C. 1977 Aegean Sea Ridge and Basin Sedimentation patterns Marine Geol. V24 p. 97-107

Names proposal form

SUBMITTED BY:

Date:

Address:

CONCURRED IN BY (if applicable):

Address: