

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Māhia Seamount	Ocean or Sea:	South Pacific Ocean
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes - centre		Yes				

* Geometry should be clearly distinguished when providing the coordinates below.

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	Centre 39°40.00'S	Centre 179°15.00'E
	39° 25.32'S	179° 13.38'E
	39° 25.08'S	179° 16.56'E
	39° 38.88'S	179° 21.42'E
	39° 45.90'S	179° 17.76'E
	39° 47.40'S	179° 11.22'E
	39° 41.16'S	179° 07.20'E
39° 34.02'S	179° 06.00'E	

Feature Description:	Maximum Depth:	3400 metres	Steepness :	
	Minimum Depth :	2250 metres	Shape :	Elongated
	Total Relief :	1150 metres	Dimension/Size :	Approx. 45x22 km

Associated Features:	The feature is an isolated seamount in the Hikurangi Trough 110 km east-southeast of the central east coast of New Zealand's North Island. It rises from a depth of 3400 m to 2250 m at the summit.
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Chart/Map References:	Shown Named on Map/Chart: as	Cook Chart (Baldwin & Lewis, 1991)
	Shown Unnamed on Map/Chart:	Charts NZ 23 and NZ 26
	Within Area of Map/Chart:	Chart NZ 223

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Altered from Māhia Seamount as depicted on Oceanic Bathymetry Series (OBS) chart 'Cook' (Baldwin & Lewis, 1991). The correct orthography has a macron on the initial [a]. Māhia is a te Reo Māori word meaning literally 'to sound or resound'. The ancient name of the associated peninsula was Te Mahiamaitawhiti, <i>i/t.</i> the murmurings of home.
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Discovery Facts:	Discovery Date:	First appeared on Oceanic Bathymetry Series (OBS) chart 'Cook' in 1991
	Discoverer (Individual, Ship):	

Supporting Survey Data, including Track Controls:	Date of Survey:	Several
	Survey Ship:	RV Tangaroa
	Sounding Equipment:	EM302/300

Type of Navigation:	DGPS
Estimated Horizontal Accuracy (nm):	0.01
Survey Track Spacing:	Full coverage with multibeam
Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Dr Don Grant (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	1 August 2013
	E-mail:	dgrant@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurren (name, e-mail, organization and address):	Dr Vaughan Stagpoole GNS Science PO Box 30 368 Lower Hutt 5040 New Zealand

Remarks:	
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea :-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-**
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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