

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Ōhena Knoll	<b>Ocean or Sea:</b>	South Pacific Ocean
-----------------------	-------------	----------------------	---------------------

<b>Geometry</b> that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes						

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

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
<b>Coordinates:</b>	Centre 36°25.58'S 36°27.583'S 36°22.988'S 36°22.895'S 36°25.982'S	Centre 176°56.81E 176°55.104'E 176°53.918'E 176°59.326'E 177°0.278'E

<b>Feature Description:</b>	Maximum Depth:	1700 metres	Steepness :	
	Minimum Depth :	858 metres	Shape :	Conical
	Total Relief :	842 metres	Dimension/Size :	3 km <sup>2</sup>

<b>Associated Features:</b>	The feature is a knoll in a group of knolls at the northern end of Alderman Trough in the outer Bay of Plenty region, east-northeast of the North Island of New Zealand. It is an isolated conical seamount that rises to 858 m from a depth of 1700 m, and has an area of 3 km <sup>2</sup> . Associated features are Ohena Island and Little Ohena Island.
-----------------------------	--

<b>Chart/Map References:</b>	Shown Named on Map/Chart: as Ohena Knoll (see attached inset)	Cuvier Chart© (Wright, 1989)
	Shown Unnamed on Map/Chart:	Chart NZ 14600 INT 600
	Within Area of Map/Chart:	Chart NZ 23

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Altered by the New Zealand Geographic Board in May 2014 from Ohena Knoll, as depicted on NZ Coastal Bathymetry Series (CBS) chart 'Cuvier' (Wright, 1989), to Ōhena Knoll. The correct orthography has a macron on the [O].
--	---

<b>Discovery Facts:</b>	Discovery Date:	First appeared on NZ Coastal Bathymetry Series (CBS) chart 'Cuvier' in 1989.
	Discoverer (Individual, Ship):	GRV <i>Tangaroa</i> and GRV <i>Rapuhia</i>

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	1990 to present
	Survey Ship:	RV Sonne
	Sounding Equipment:	EM120
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	15 m
	Survey Track Spacing:	Original sounding lines less than 1.6 km apart (no sounding lines shown on chart), Full multibeam coverage in 2007.
	Supporting material can be submitted as Annex in analog or digital form.	

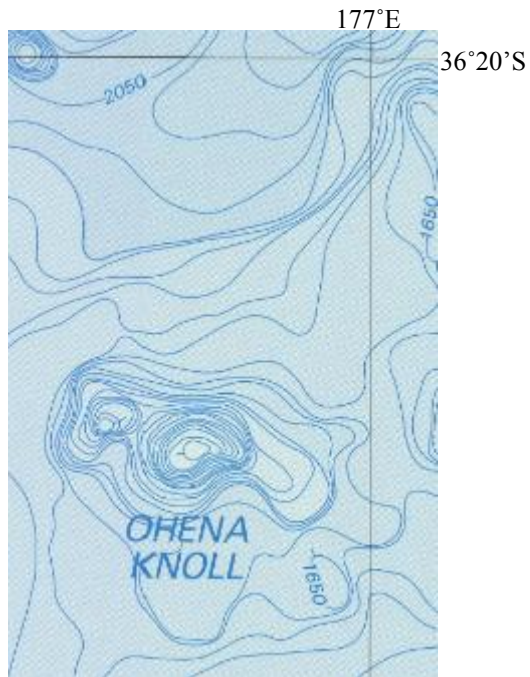
<b>Proposer(s):</b>	Name(s):	Mr Mark Dyer (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	9 May 2014
	E-mail:	mdyer@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurrer (name, e-mail, organization and address):	Dr Vaughan Stagpoole V.Stagpoole@gns.cri.nz GNS Science PO Box 30 368 Lower Hutt 5040 New Zealand

<b>Remarks:</b>	The New Zealand Geographic Board gazetted Ōhena Knoll as an official undersea feature name in May 2014.
-----------------	---

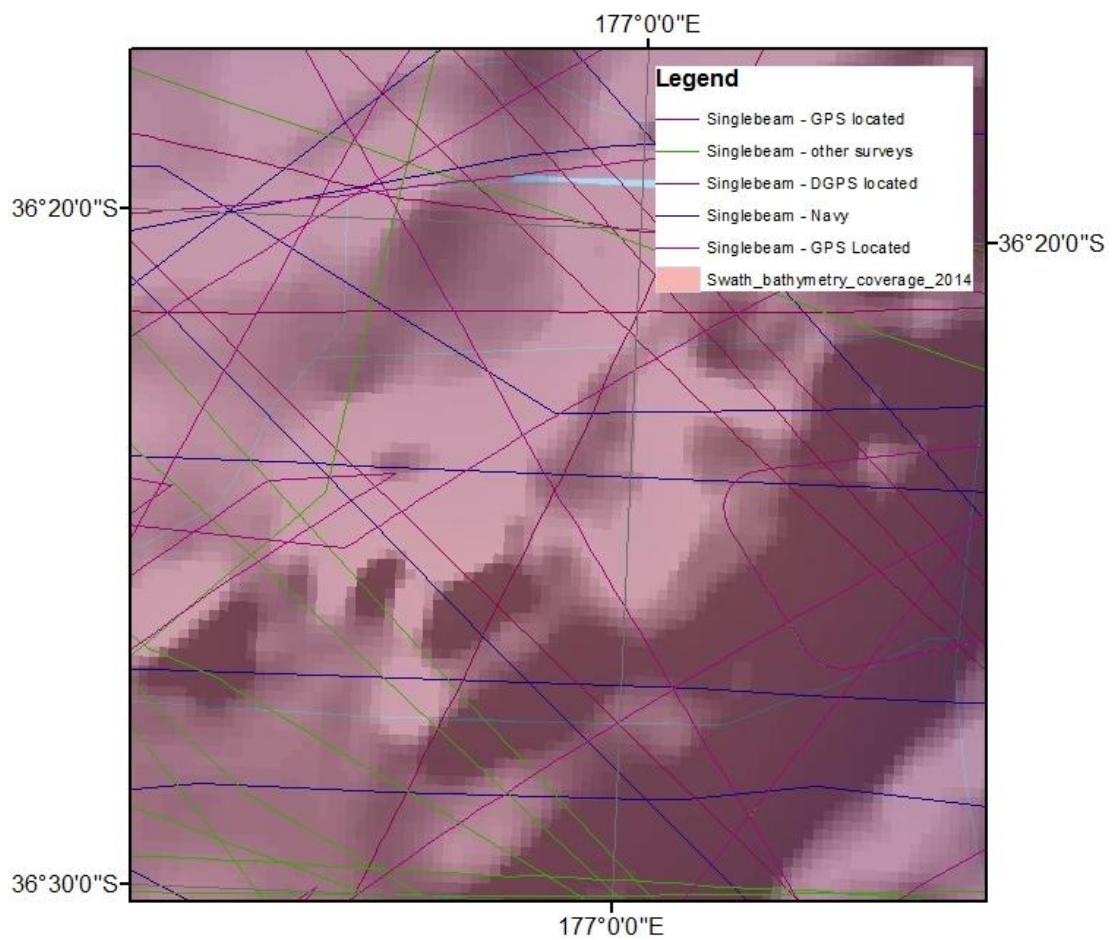
**NOTE :** This form should be forwarded, when completed:

- 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: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
--	--



Cuvier Chart© (Wright, 1989)



100% swath bathymetry converge (EM120 R/V Sonne, 2007)