

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and **NOTE** overleaf)

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

<b>Name Proposed:</b>	Taranui Seamount	<b>Ocean or Sea:</b>	South Pacific Ocean
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<b>Geometry</b> that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		X				

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

<b>Coordinates:</b>	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	41°06.930'S (centre)	179°47.810'W (centre)
	41°07.533'S	179°52.233'W
	41°04.300'S	179°52.167'W
	41°02.983'S	179°49.317'W
	41°03.733'S	179°45.817'W
	41°05.483'S	179°42.633'W
	41°08.317'S	179°41.467'W
	41°11.750'S	179°44.717'W
	41°12.517'S	179°49.350'W
	41°12.100'S	179°53.567'W
	41°11.033'S	179°54.483'W
	41°09.517'S	179°52.883'W
41°07.533'S	179°52.233'W	

<b>Feature Description:</b>	Maximum Depth:	2750 metres	Steepness :	
	Minimum Depth :	1500 metres	Shape :	Conical seamount
	Total Relief :	1250 metres	Dimension/Size :	90 km <sup>2</sup>

<b>Associated Features:</b>	
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	Chart NZ 23 (INT 640) Chart NZ 14600 (INT 600) Chart NZ 14065 (INT 65)

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<p>The feature had been informally named Mobil Seamount. The NZGB's policy and its <i>Standard for Undersea Feature Names</i>, which are based on UNCSGN<sup>1</sup> resolution X/4, is to avoid names of commercial products or their manufacturer, institutions or organisations.</p> <p>The NZGB altered Mobil Seamount to Taranui Seamount and assigned it as an official undersea feature name on 22 June 2017.</p> <p>Taranui is the Māori name for the Caspian Tern, a particularly valued indigenous species of seabird.</p>
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<sup>1</sup> United Nations Conference on the Standardization of Geographical Names

<b>Discovery Facts:</b>	Discovery Date:	1972
	Discoverer (Individual, Ship):	Mobil Oil Company

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	15 Jan - 8 May 1972
	Survey Ship:	MV Fred H. Moore
	Sounding Equipment:	Simrad EM120 (Nathaniel B. Palmer and RV Sonne), Seabeam2000 (RV Melville)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy, in nautical miles (M):	50 m
	Survey Track Spacing:	Full MBES coverage
	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:	22 August 2017
	E-mail contact:	jremnant@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 <a href="mailto:V.Stagpoole@gns.cri.nz">V.Stagpoole@gns.cri.nz</a> GNS Science PO Box 30 368 Lower Hutt 5040 New Zealand

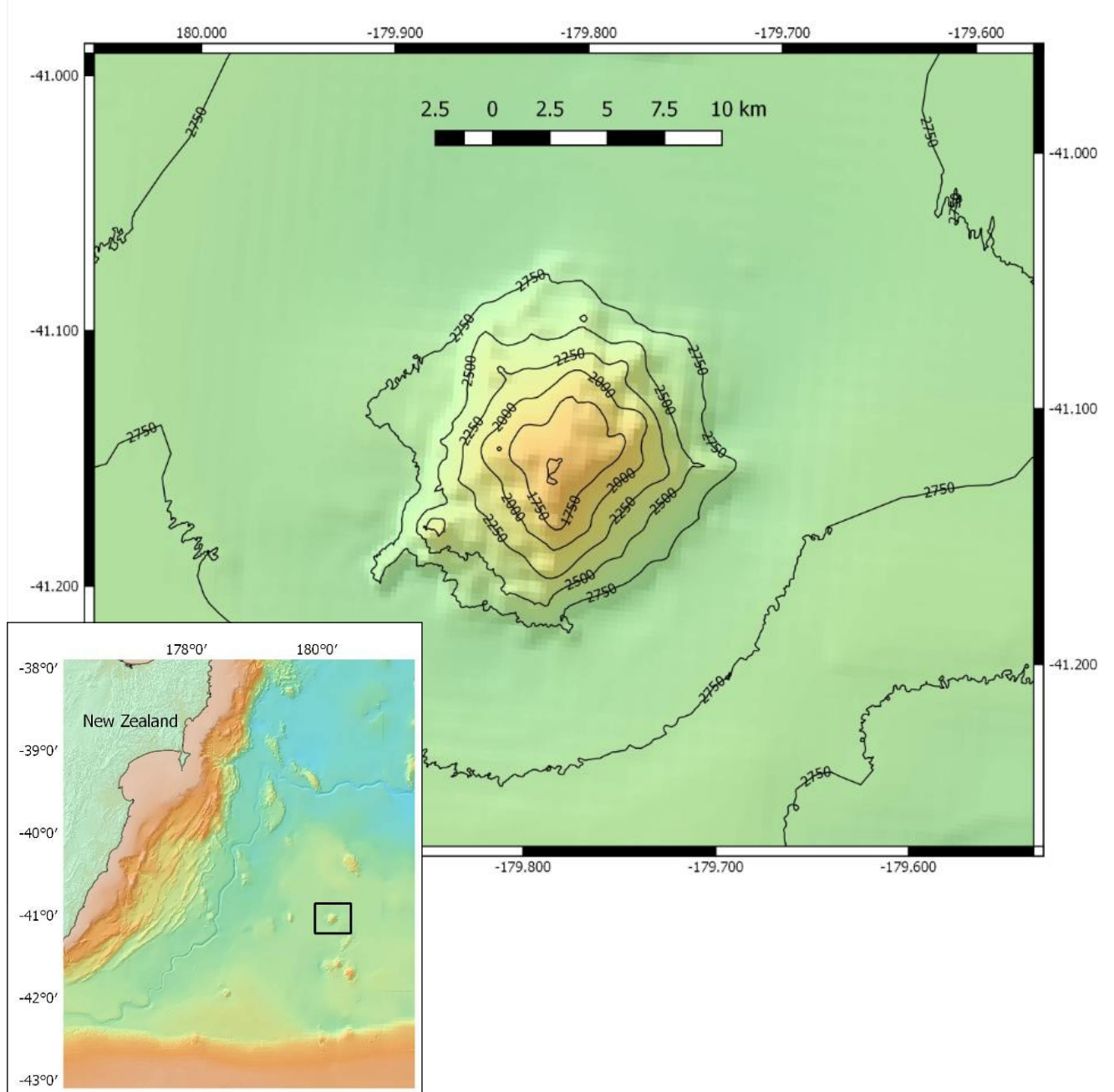
<b>Remarks:</b>	The New Zealand Geographic Board gazetted Taranui Seamount as an official undersea feature name on 22 June 2017.
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**NOTE:** This form should be forwarded, when completed:

- 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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

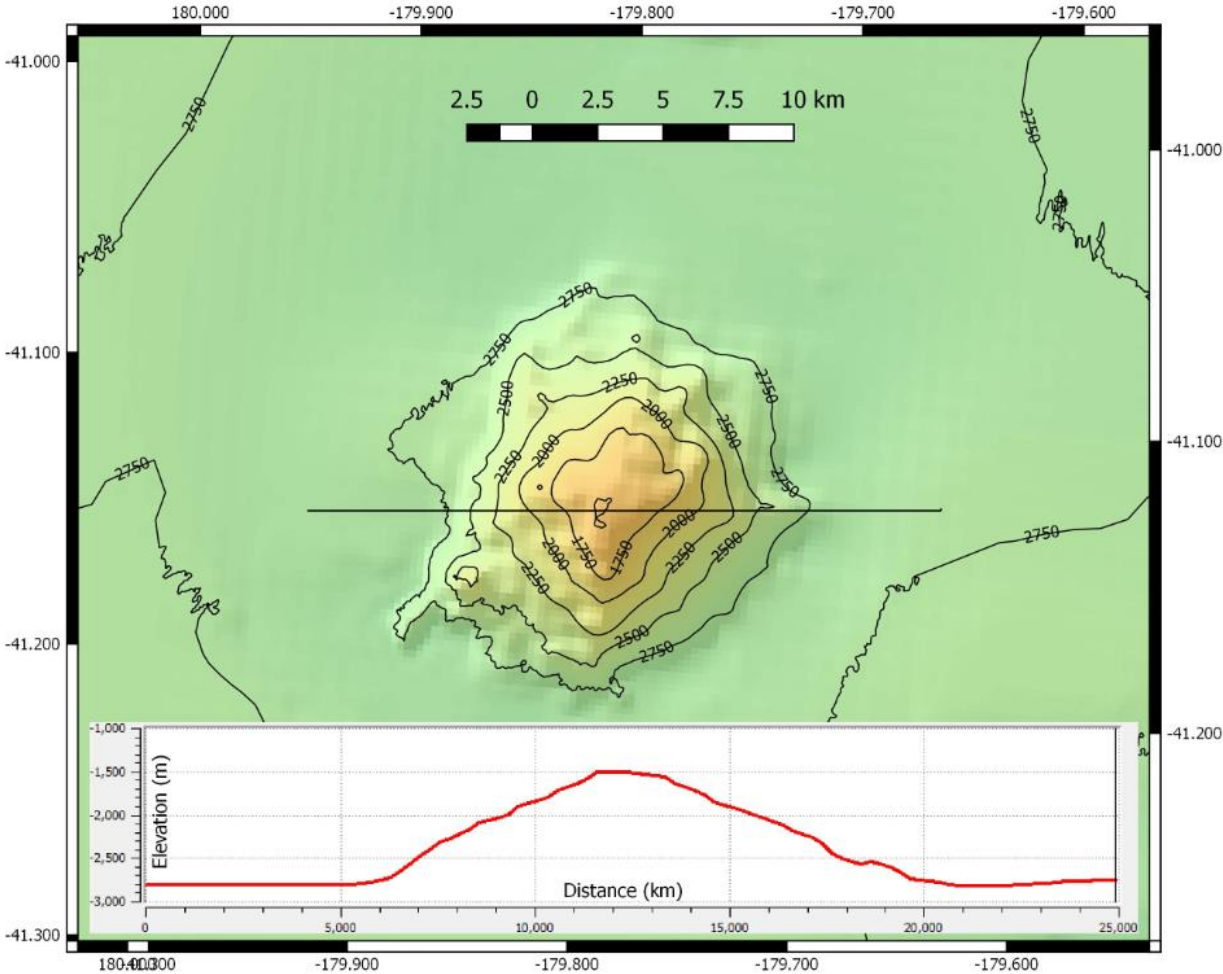
International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO 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> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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### Bathymetry contours on hillshade background



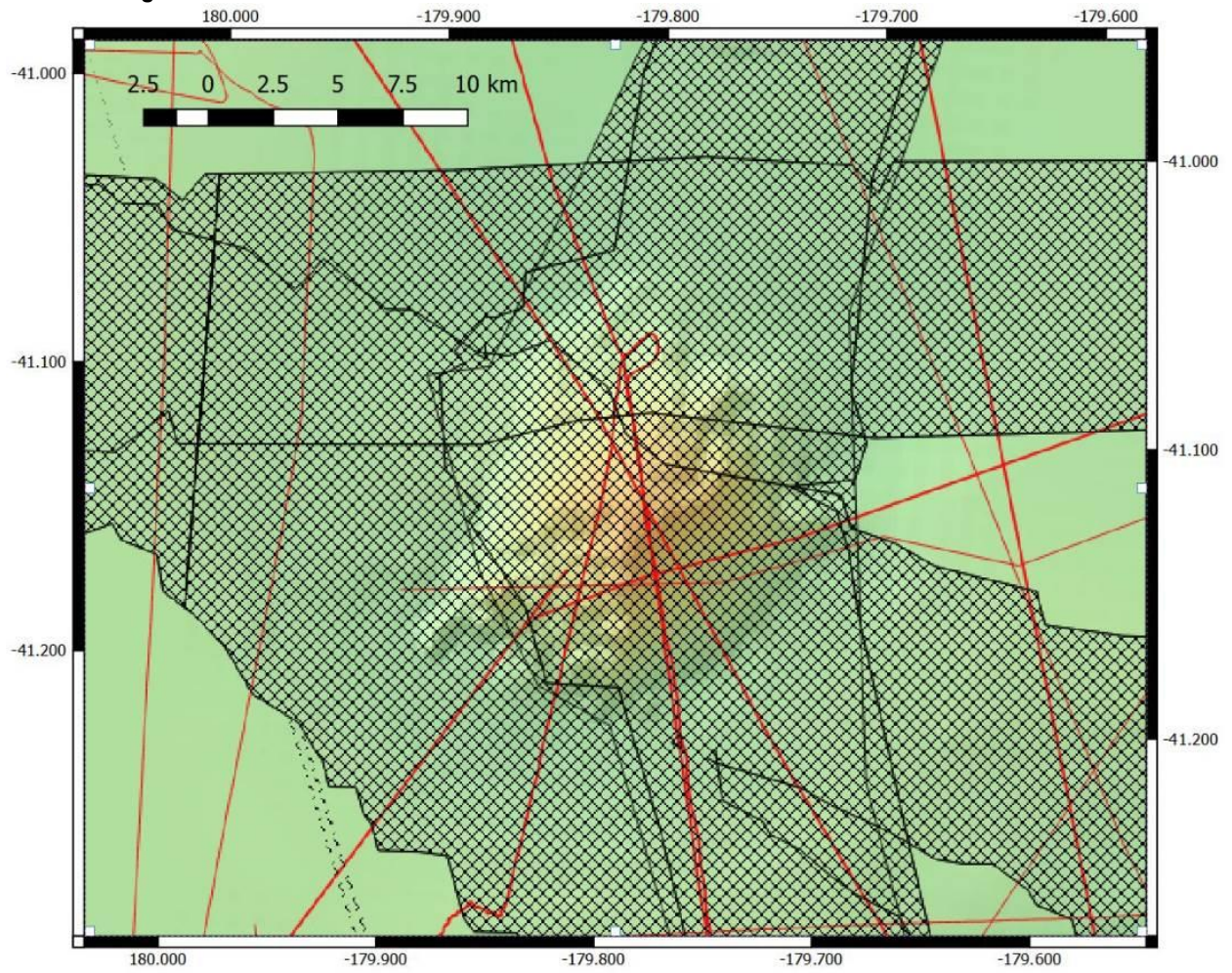
250m contours

Bathymetry of Taranui Seamount and profile of the feature. Summit elevation is 1500m





## Data coverage



## Data coverage

Cross-hatch = multibeam bathymetry coverage  
Red = single beam bathymetry data