INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	Tūranganui Knoll	**Ocean or Sea:**	South Pacific Ocean

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.*

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	Centre 39°02.17'S	Centre179°19.53'E
	38° 53.28'S	179° 11.88'E
	38° 55.62'S	179° 23.98'E
	39° 03.90'S	179° 29.08'E
	39° 15.15'S	179° 28.22'E
	39° 16.48'S	179° 22.75'E
	39° 10.37'S	179° 13.23'E
	39° 0.98'S	179° 09.03'E

Feature Description:	Maximum Depth:	3600 metres	Steepness :	
	Minimum Depth :	2740 metres	Shape :	Elongate and rounded
	Total Relief :	860 metres	Dimension/Size :	158 sq km

Associated Features:	The feature is a round-topped knoll on the margin of the Hikurangi Plateau approximately 100 km east-southeast from the central east coast of New Zealand's North Island. It is an isolated feature which rises to 2416 m from a depth of 3378 m and has an area of 158 sq km.

Chart/Map References:	Shown Named on Map/Chart: as Gisborne Knolls	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 Gisborne Knolls as depicted on Oceanic Bathymetry Series (OBS) chart 'Cook' (Baldwin & Lewis, 1991). Tūranganui is an indigenous Māori name meaning literally 'great standing', and is a shortened version of the Māori named of the associated land feature, Gisborne (town).

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 Equipement:	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
	Concurrer (name, e-mail, organization and address):	Dr Vaughan Stagpoole GNS Science PO Box 30 368 Lower Hutt 5040 New Zealand

Remarks:	

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