

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Pūkākī Canyon	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					

* 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:	43°38.00'S	173°56.00'E

Feature Description:	Maximum Depth:		Steepness :	
	Minimum Depth :	130 metres	Shape :	
	Total Relief :		Dimension/Size :	

Associated Features:	The feature is a canyon offshore from Banks Peninsula on the central east coast of the South Island of New Zealand. Pūkākī Canyon trends generally northwards from Mernoo Gap towards the southern end of Hikurangi Trough and extends from a depth of 130 m, at a point where it joins Pegasus Canyon. There is no associated land or undersea feature around this location.
-----------------------------	---

Chart/Map References:	Shown Named on Map/Chart: as Pukaki Canyon (see attached insets)	Pegasus Chart© (Cullen & Brodie, 1966) Pegasus Chart© (Carter & Herzer, 1983)
	Shown Unnamed on Map/Chart:	Chart NZ 63
	Within Area of Map/Chart:	Chart NZ 14600 INT 600

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Altered by the New Zealand Geographic Board in May 2014 from Pukaki Canyon, as depicted on NZ Coastal Bathymetry Series (CBS) charts 'Pegasus' (Cullen & Brodie, 1966 and Carter & Herzer, 1983), to Pūkākī Canyon. The correct orthography has macrons on the [u], [a] and [i]. The feature is named after the HMNZS <i>Pukaki</i> , which did research in the area.
--	---

Discovery Facts:	Discovery Date:	First appeared on NZ Coastal Bathymetry Series (CBS) chart 'Pegasus' in 1966.
	Discoverer (Individual, Ship):	MV <i>Taranui</i> and GRV <i>Tangaroa</i>

Supporting Survey Data, including	Date of Survey:	166 to 2012
--	-----------------	-------------

Track Controls:	Survey Ship:	RV Tangaroa
	Sounding Equipment:	E302
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	15 m
	Survey Track Spacing:	<ul style="list-style-type: none"> • Pegasus Chart©, 1966: Lines of soundings 5 miles apart • Pegasus Chart©, 1983: Lines of soundings 4.0-10 km apart • Full multibeam coverage in 2012
Supporting material can be submitted as Annex in analog or digital form.		

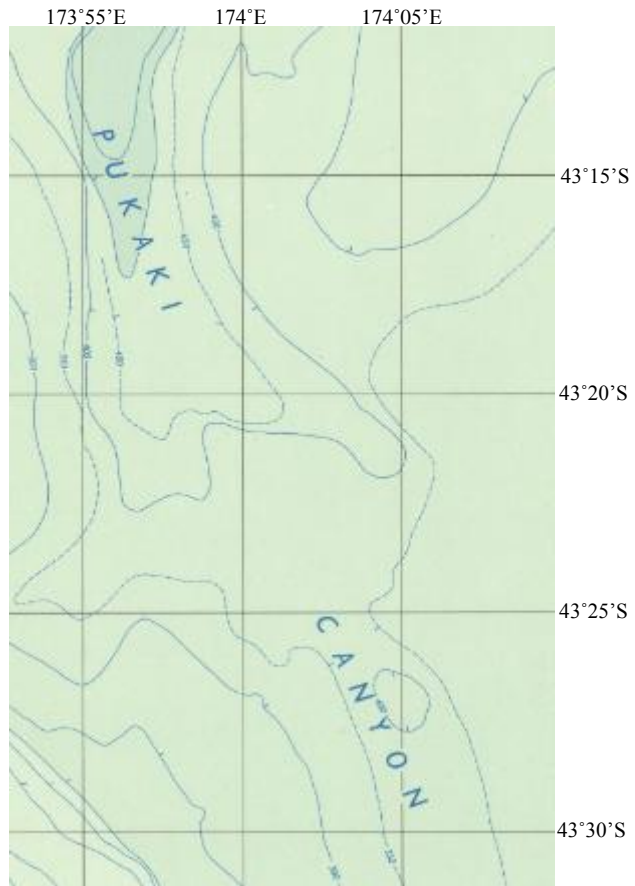
Proposer(s):	Name(s):	Mr Mark Dyer (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	9 May 2014
	E-mail:	mdyer@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurrer (name, e-mail, organization and address):	Dr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

Remarks:	The New Zealand Geographic Board gazetted Pūkaki Canyon as an official undersea feature name in May 2014.
-----------------	---

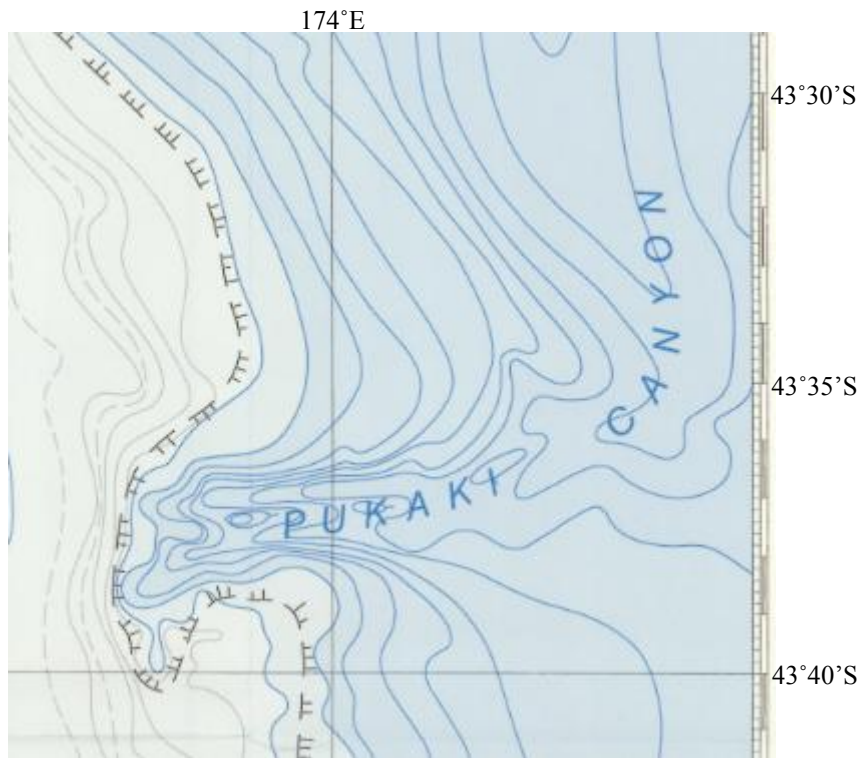
NOTE : This form should be forwarded, when completed :

- 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 :

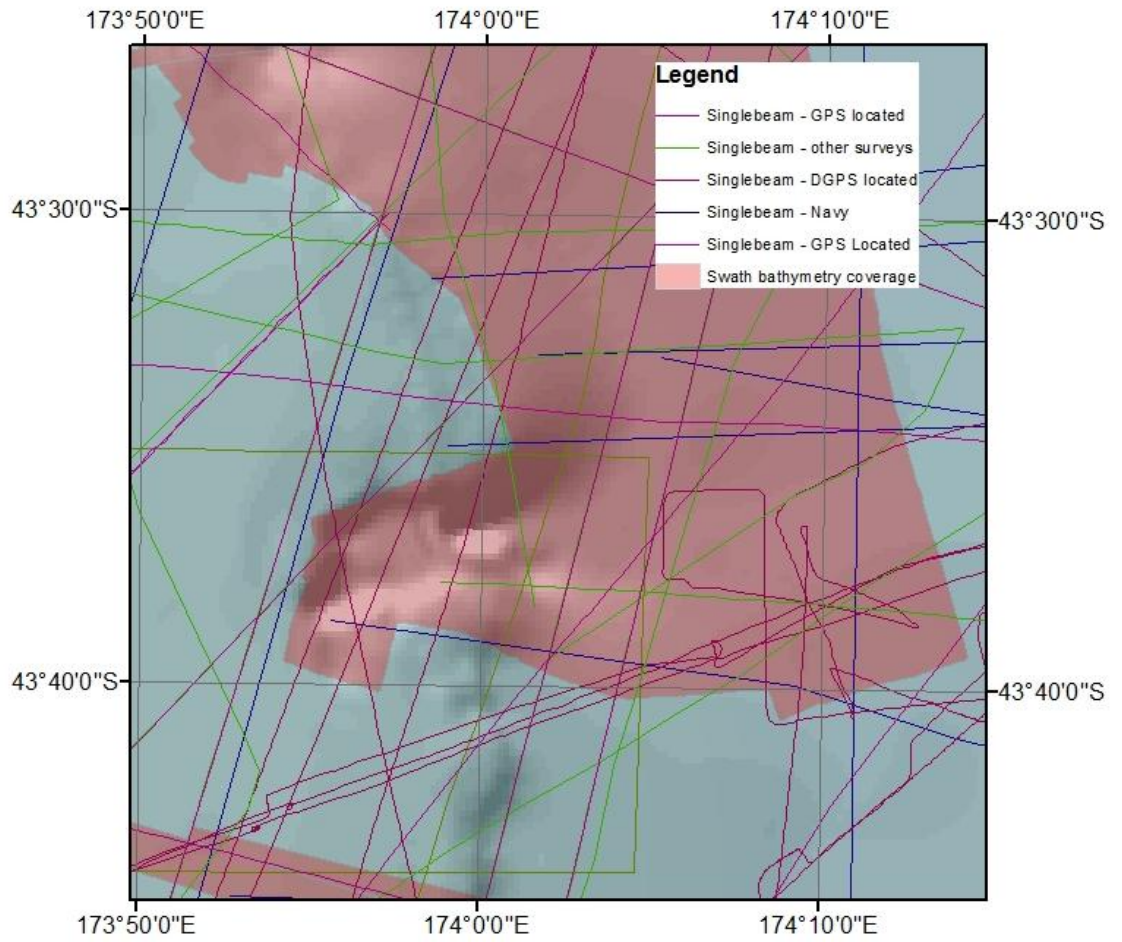
International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
--	--



Pegasus Chart© (Cullen & Brodie, 1966)



Pegasus Chart© (Carter & Herzer, 1983)



Swath bathymetry coverage (EM302 RV *Tanagroa*, 2011)