

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Pukekura Canyon	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					

* 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:	45°45.00'S	171°08.00'E

Feature Description:	Maximum Depth:	1300 metres	Steepness :	
	Minimum Depth :		Shape :	
	Total Relief :		Dimension/Size :	

Associated Features:	The feature is an east-west aligned canyon incised into the outer continental shelf offshore from Otago Peninsula, which is on the southeast coast of the South Island of New Zealand. The old name of the associated land feature, Taiaroa Hill, was Pukekura.
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Chart/Map References:	Shown Named on Map/Chart: as Taiaroa Canyon (see attached insets)	Oamaru Chart© (Carter & Carter, 1981) Otago Chart© (Carter, 1986)
	Shown Unnamed on Map/Chart:	Chart NZ 64
	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 Taiaroa Canyon, as depicted on NZ Coastal Bathymetry Series (CBS) charts 'Oamaru' (Carter & Carter, 1981) and 'Otago' (Carter, 1986), to Pukekura Canyon. The associated land feature Taiaroa Hill was originally Pukekura, <i>lit.</i> 'red hill'.
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Discovery Facts:	Discovery Date:	First appeared on NZ Coastal Bathymetry Series (CBS) chart 'Oamaru' in 1981.
	Discoverer (Individual, Ship):	MV <i>Taranui</i> and GRV <i>Tangaroa</i>

Supporting Survey Data, including Track Controls:	Date of Survey:	1975 - 2012
	Survey Ship:	RV <i>Tangaroa</i> (2012)
	Sounding Equipment:	Em302
	Type of Navigation:	DGPS

	Estimated Horizontal Accuracy (nm):	15 m
	Survey Track Spacing:	<ul style="list-style-type: none"> • Oamaru Chart©: Sounding lines 3.0 to 10 km apart • Otago Chart©: Sounding lines 2 to 15 km apart • Multibeam coverage mostly in 2012 (RV Tangaroa)
Supporting material can be submitted as Annex in analog or digital form.		

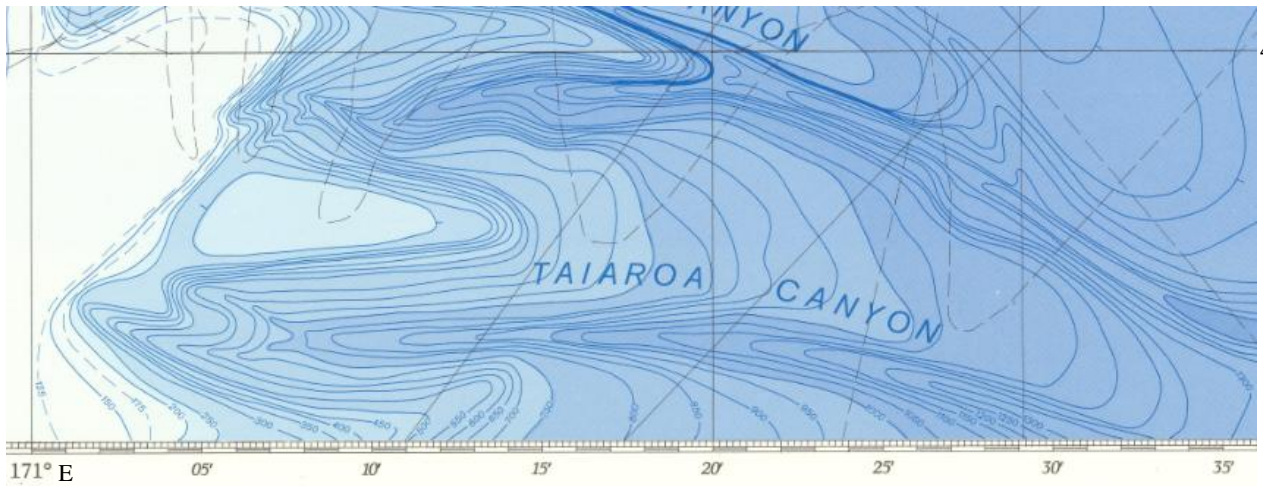
Proposer(s):	Name(s):	Mr Mark Dyer (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	9 May 2014
	E-mail:	mdyer@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurrer (name, e-mail, organization and address):	Dr 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 Pukekura Canyon as an official undersea feature name in May 2014.
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NOTE: This form should be forwarded, when completed:

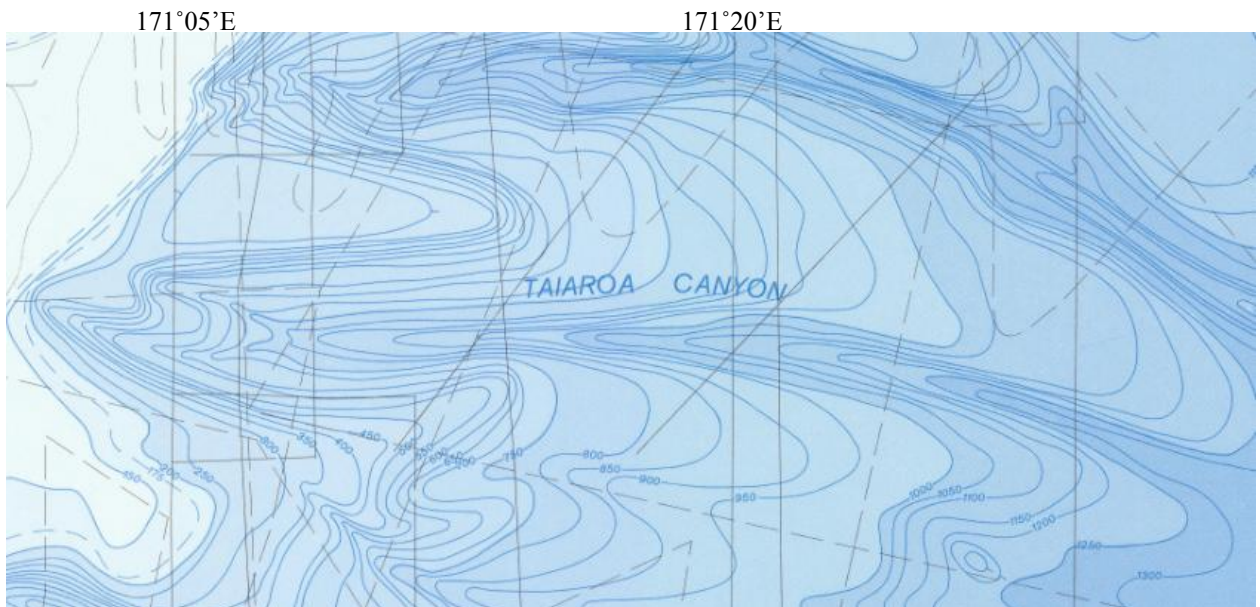
- a) **If the undersea feature is located inside the external limit of the territorial sea:-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 %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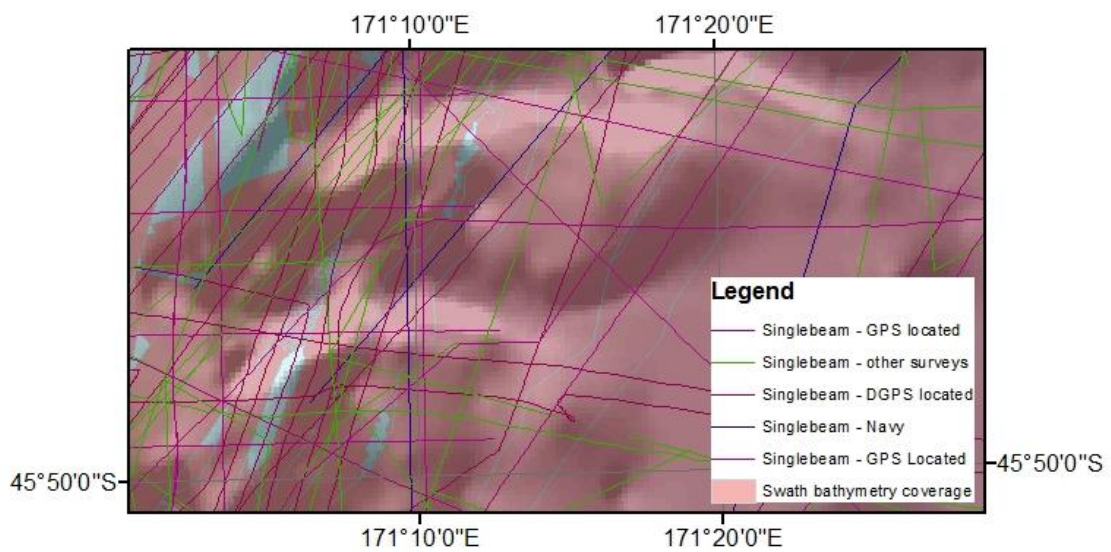


45°40'S

Oamaru Chart© (Carter & Carter, 1981)



Otago Chart© (Carter, 1986)



Numerous swath bathymetry surveys (predominantly EM302 RV *Tangaroa*, 2012)