

**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Puketuroto / Hoopers Canyon	<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*
	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 46°06.12'S	Centre 171°00.00'E

<b>Feature Description:</b>	Maximum Depth:	1300 metres	Steepness :	
	Minimum Depth :	200 metres	Shape :	
	Total Relief :	1100 metres	Dimension/Size :	

<b>Associated Features:</b>	The feature is a short canyon that leads from the Otago shelf into the centre channel of Bounty Trough, to the southeast of the South Island of New Zealand. It ranges in depth from 200 m to 1300 m. Associated features are Hoopers Inlet (locality), Hoopers Inlet (bay) and Puketuroto / Hoopers Channel.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart: as Hoopers Canyon (see attached insets)	Otago Chart© (Brodie, 1969) Otago Chart© (Carter, 1986)
	Shown Unnamed on Map/Chart:	Chart NZ 661
	Within Area of Map/Chart:	Chart NZ 14600 INT 600

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<ul style="list-style-type: none"> <li>Altered by the New Zealand Geographic Board in May 2014 from the existing recorded name, Hoopers Canyon, to the official dual name, Puketuroto / Hoopers Canyon.</li> <li>Hoopers Canyon was depicted on Oceanic Bathymetry Series (OBS) chart 'Otago' in 1969 and 1986.</li> <li>The Māori name of the associated feature, Hoopers Inlet, is Puketuroto, <i>lit.</i> puke: hill; tu: to stand; roto: inland or lake.</li> <li>The name, Hoopers Inlet, appeared on a New Zealand Crown Grants map in 1860.</li> </ul>
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<b>Discovery Facts:</b>	Discovery Date:	First appeared on Oceanic Bathymetry Series (OBS) chart 'Otago' in 1969.
	Discoverer (Individual, Ship):	HMNZS Lachlan

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	1965 - 2010
	Survey Ship:	RV Tanagroa (2012)
	Sounding Equipment:	RV Sonne EM120, 2003, NB Palmer EM120 2007; RV Tangaroa EM302, 2012; RV Roger Revelle EM122, 2010
	Type of Navigation:	EM302
	Estimated Horizontal Accuracy (nm):	15 m
	Survey Track Spacing:	<ul style="list-style-type: none"> <li>• Otago Chart©, 1969: Lines of soundings 5 to 10 miles apart</li> <li>• Otago Chart©, 1986: Sounding lines 2 km to 15 km apart</li> <li>• Almost complete swath bathymetry coverage 2003-2012</li> </ul>
Supporting material can be submitted as Annex in analog or digital form.		

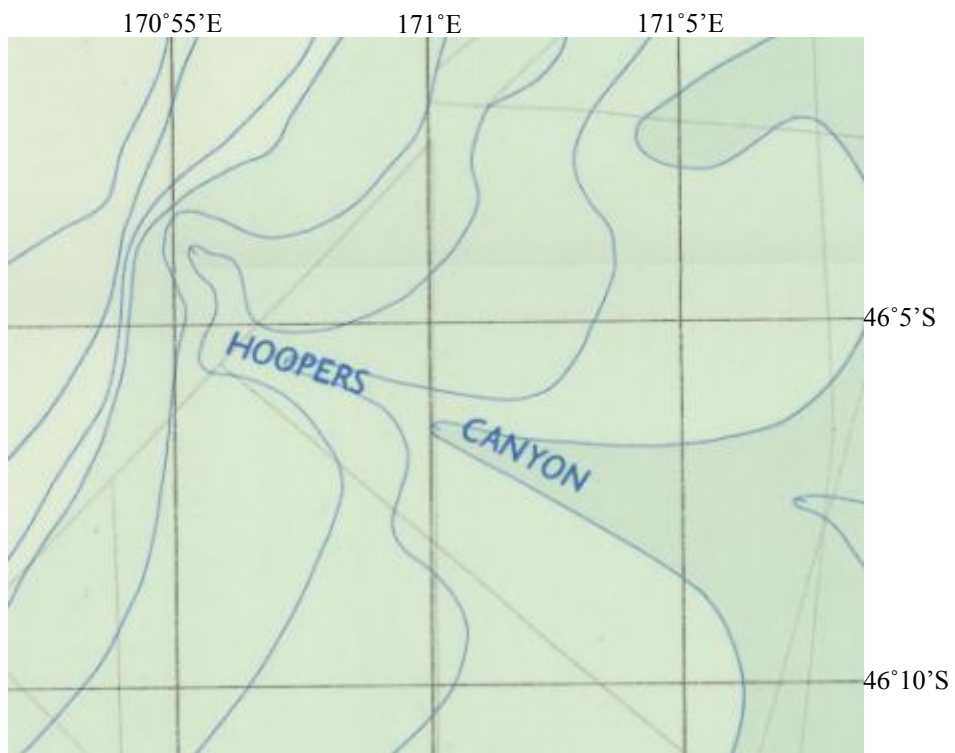
<b>Proposer(s):</b>	Name(s):	Mr Mark Dyer (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	9 May 2014
	E-mail:	mdyer@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurrer (name, e-mail, organization and address):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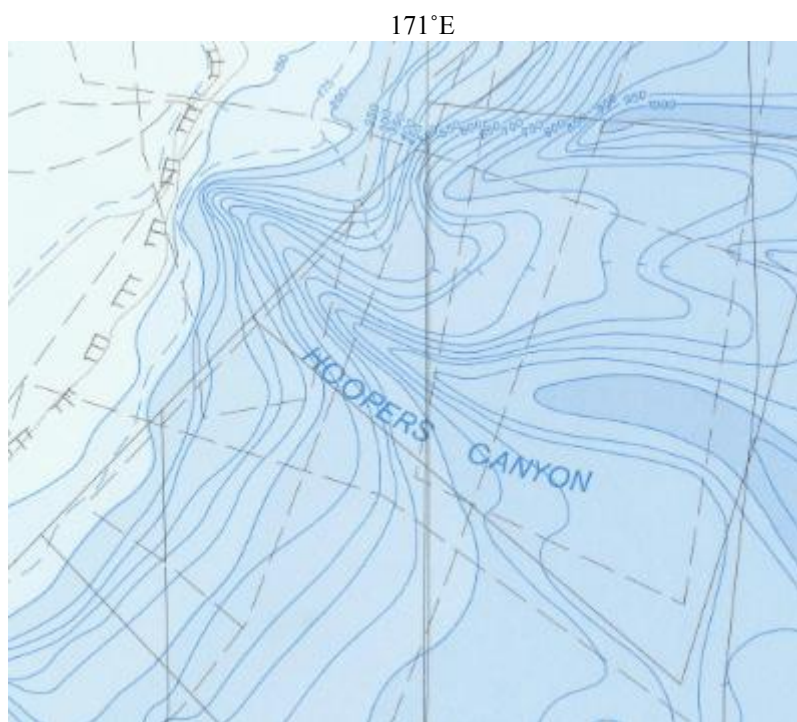
**NOTE :** This form should be forwarded, when completed :

- 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:

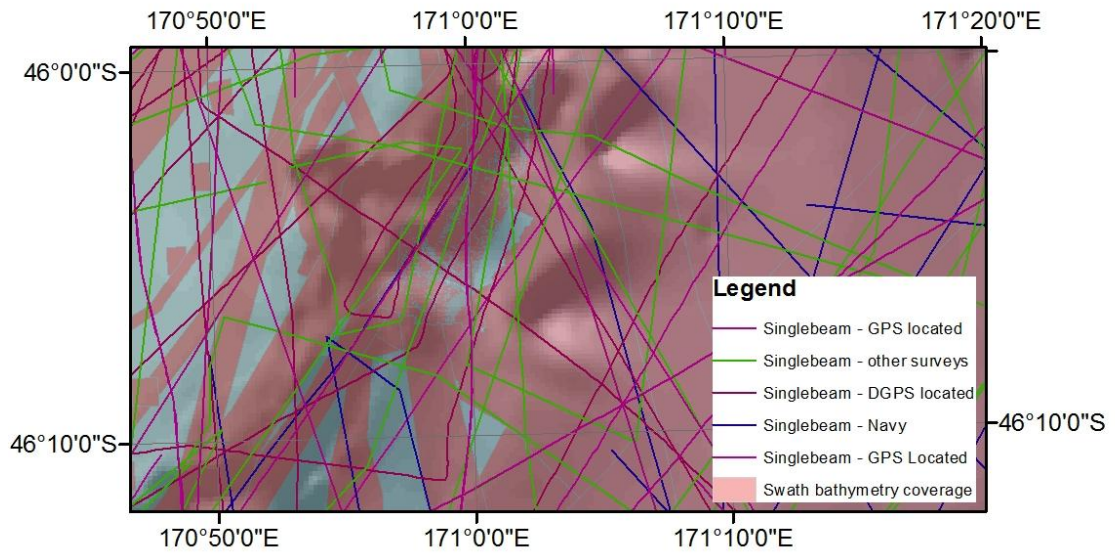
International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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Otago Chart© (Brodie, 1969)



Otago Chart© (Carter, 1986)



Swath coverage (RV Sonne EM120, 2003, NB Palmer EM120 2007; RV Tangaroa EM302, 2012; RV Roger Revelle EM122, 2010)