

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Waiatoto Channel	Ocean or Sea:	Tasman Sea
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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:	Centre 43°46.59'S	Centre 166°29.19'E

Feature Description:	Maximum Depth:	4100 metres	Steepness :	
	Minimum Depth :		Shape :	
	Total Relief :		Dimension/Size :	

Associated Features:	The feature is a channel on the outer reaches of the complex beyond Milford Basin to the southwest of the South Island of New Zealand. It continues north-westwards after merging with Moeraki Channel complex at around 43°30'S, 166°30'E in 4100 metres of water. The feature has geomorphological kinship to Waiatoto Canyon (adopted by SCUFN in 2012).
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Chart/Map References:	Shown Named on Map/Chart: (see attached inset)	West Coast Canyons© (Mackay et al., 2009)
	Shown Unnamed on Map/Chart:	Chart NZ 24
	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):	<ul style="list-style-type: none"> Altered by the New Zealand Geographic Board from the existing name recorded in scientific journals, Haast Channel, to the official name, Waiatoto Channel, as depicted on the chart West Coast Canyons©. Named after Waiatoto Canyon with which the feature has geomorphological kinship. 'Waiatoto' is a Māori word <i>lit.</i> wai: water; a: of; toto: blood.
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Discovery Facts:	Discovery Date:	First appeared on NIWA Miscellaneous chart 'West Coast Canyons' in 2009 First singlebeam surveys in 1960s, multibeam surveys from 1993, latst survey 2010
	Discoverer (Individual, Ship):	Several

Supporting Survey Data, including Track Controls:	Date of Survey:	169s to 2010
	Survey Ship:	RV L'Atalante, RV Roger Revelle, RV Tangaroa,
	Sounding Equipment:	EM12Dual, EM122, EM300
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	50m – 5km (for 1960s singlebeam data)
	Survey Track Spacing:	Not stated
	Supporting material can be submitted as Annex in analog or digital form.	

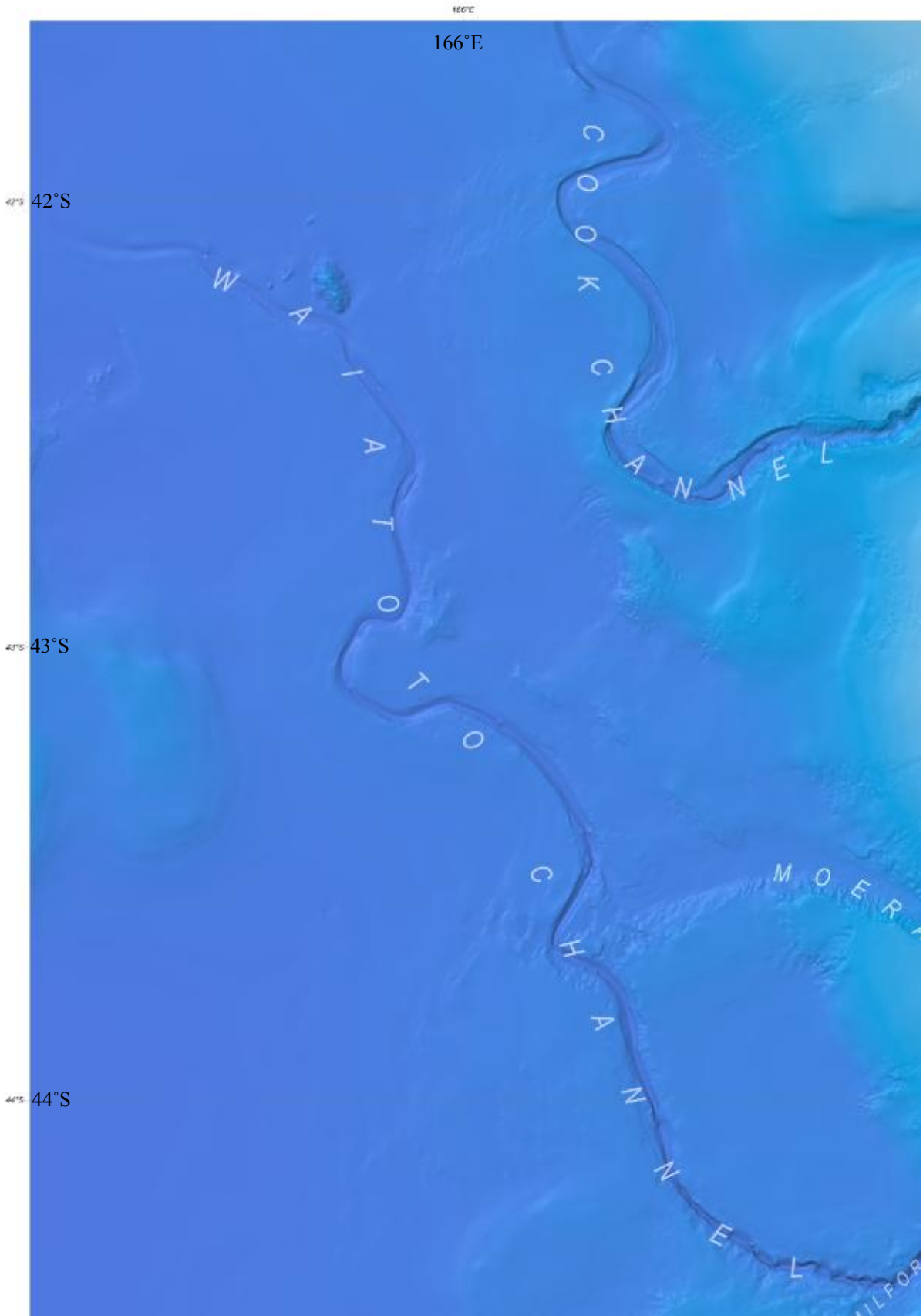
Proposer(s):	Name(s):	Mr Mark Dyer (Chairperson of the NZGB) & Mr Adam Greenland (National Hydrographer)
	Date:	9 May 2014
	E-mail:	mdyer@linz.govt.nz
	Organization and Address:	New Zealand Geographic Board PO Box 5501 Wellington 6145 New Zealand
	Concurrer (name, e-mail, organization and address):	Dr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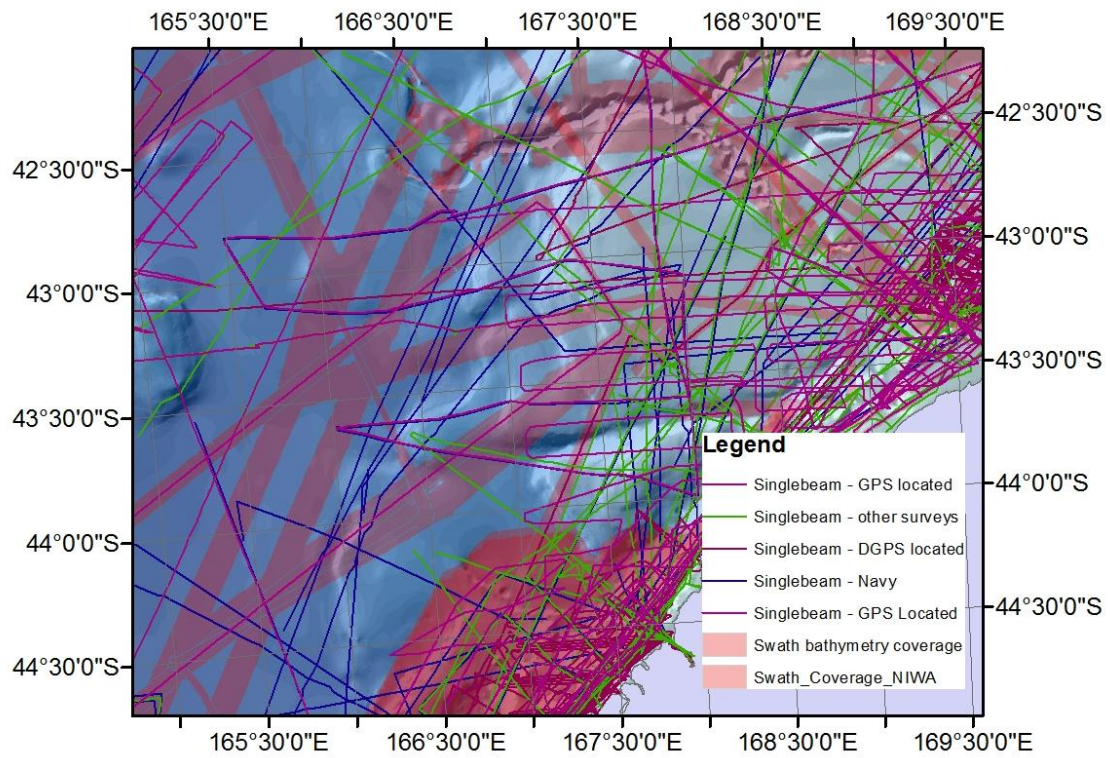
NOTE : This form should be forwarded, when completed :

- 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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West Coast Canyons© (Mackay et al., 2009)



Swath bathymetry data coverage (EM12Dual, *RV L'Atalante*, 1993; EM122, *RV Roger Revelle*, 2010; EM300, *RV Tangaroa*, 2005)