

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Melnikov seamount	Ocean or Sea:	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:	Minimum depth: 15° 26' 41.29044"N	Minimum depth: 153° 14' 3.8076"E
	Base: 15° 37' 52.9572"N	Base: 153° 1' 21.7128"E
	15° 38' 0.6864"N	153° 5' 41.9352"E
	15° 36' 38.2392"N	153° 10' 27.9192"E
	15° 35' 57.0156"N	153° 19' 34.1256"E
	15° 33' 32.7348"N	153° 24' 32.994"E
	15° 25' 46.4016"N	153° 28' 30.0252"E
	15° 24' 11.07"N	153° 27' 41.076"E
	15° 19' 58.5804"N	153° 23' 2.8176"E
	15° 18' 33.5556"N	153° 15' 19.0584"E
	15° 18' 25.8264"N	153° 6' 51.498"E
	15° 25' 7.752"N	153° 0' 4.4208"E
	15° 34' 21.6876"N	152° 58' 16.2084"E

Feature Description:	Maximum Depth:	5800 m	Steepness :	From 0-5° to more 25°
	Minimum Depth :	2123 m	Shape :	Mountain (cone)
	Total Relief :	3677 m	Dimension/Size :	52 x 38 km

Associated Features:	Seamount situated between guyots Pegasus and Pallada
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	GEBKO sheet 5.06

Reason for Choice of Name (if a person, state how associated with the feature to be named):	In honor of M.E.Melnikov (1961-2016) – leading geologist of SSC "Yuzhmorgeologia", D.Sc in Geology, world-known scientist, well-known Russian explorer of Co-rich crusts and ferromanganese nodules of the World Ocean. Is an author of more than 200 publications, including treatise over economic minerals of Magellan Seamounts, Marshall Islands and Clarion-Clipperton Zone of the Pacific Ocean. Author of more than 10 prospecting reports on Magellan Seamounts, Marshall Islands and Clarion-Clipperton Zone.
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Discovery Facts:	Discovery Date:	2000 year
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	Discoverer (Individual, Ship):	Research vessel «Gelendzhik»
Supporting Survey Data, including Track Controls:	Date of Survey:	2000, 2009
	Survey Ship:	Research vessel «Gelendzhik»
	Sounding Equipment:	EM 12 S 120 (Simrad)
	Type of Navigation:	Navstar GPS
	Estimated Horizontal Accuracy (nm):	± 0.001 mile
	Survey Track Spacing:	regular bathymetric survey
	Supporting material can be submitted as Annex in analog or digital form.	
Proposer(s):	Name(s):	T.E. Sedysheva
	Date:	2016
	E-mail:	tatsed@mail.ru
	Organization and Address:	SSC «Yuzmorgeologiya» Gelendzhik, Krymskaya str. 20
	Concurrer (name, e-mail, organization and address):	
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
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Application

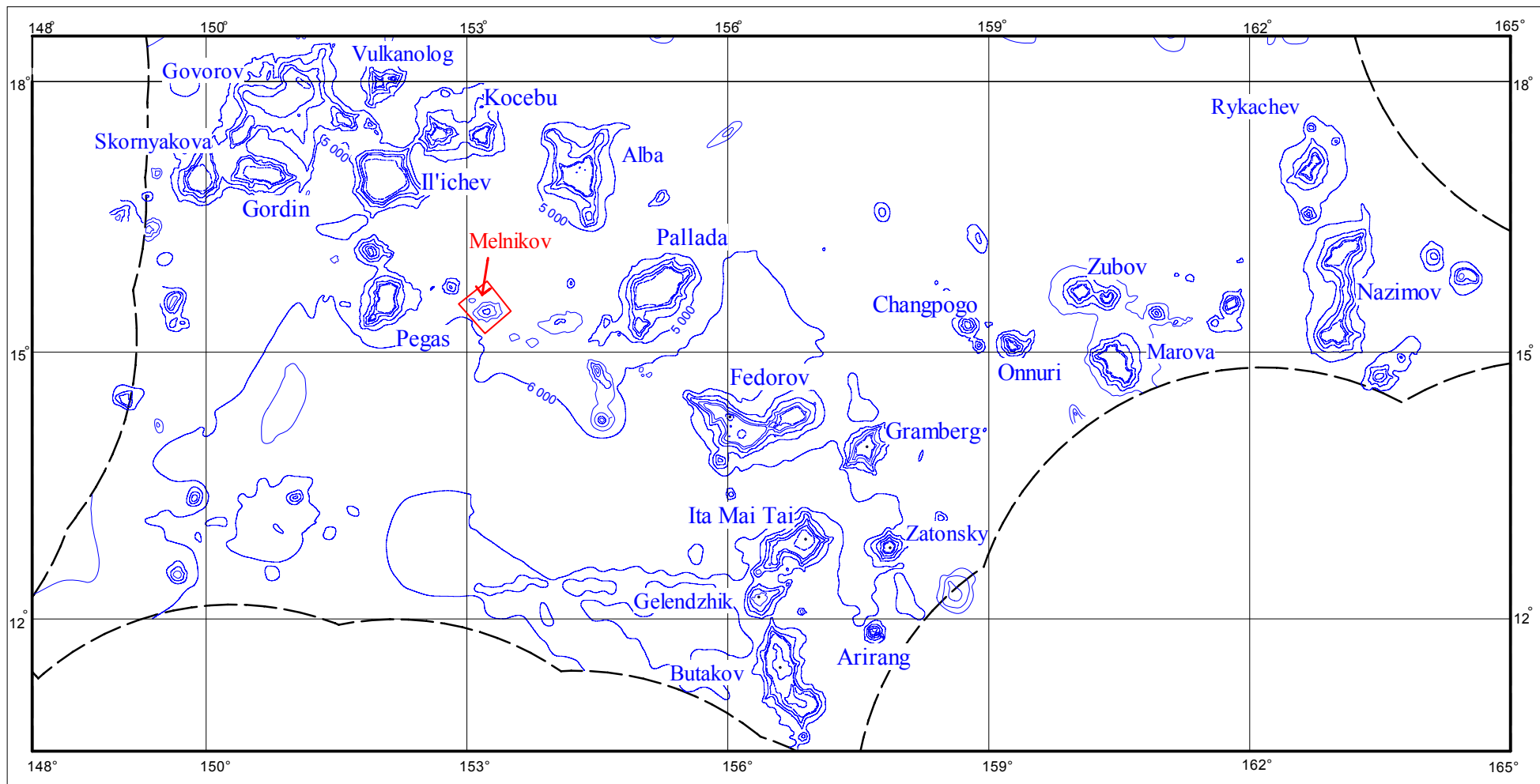


Figure 1. General location map of Melnikov seamount

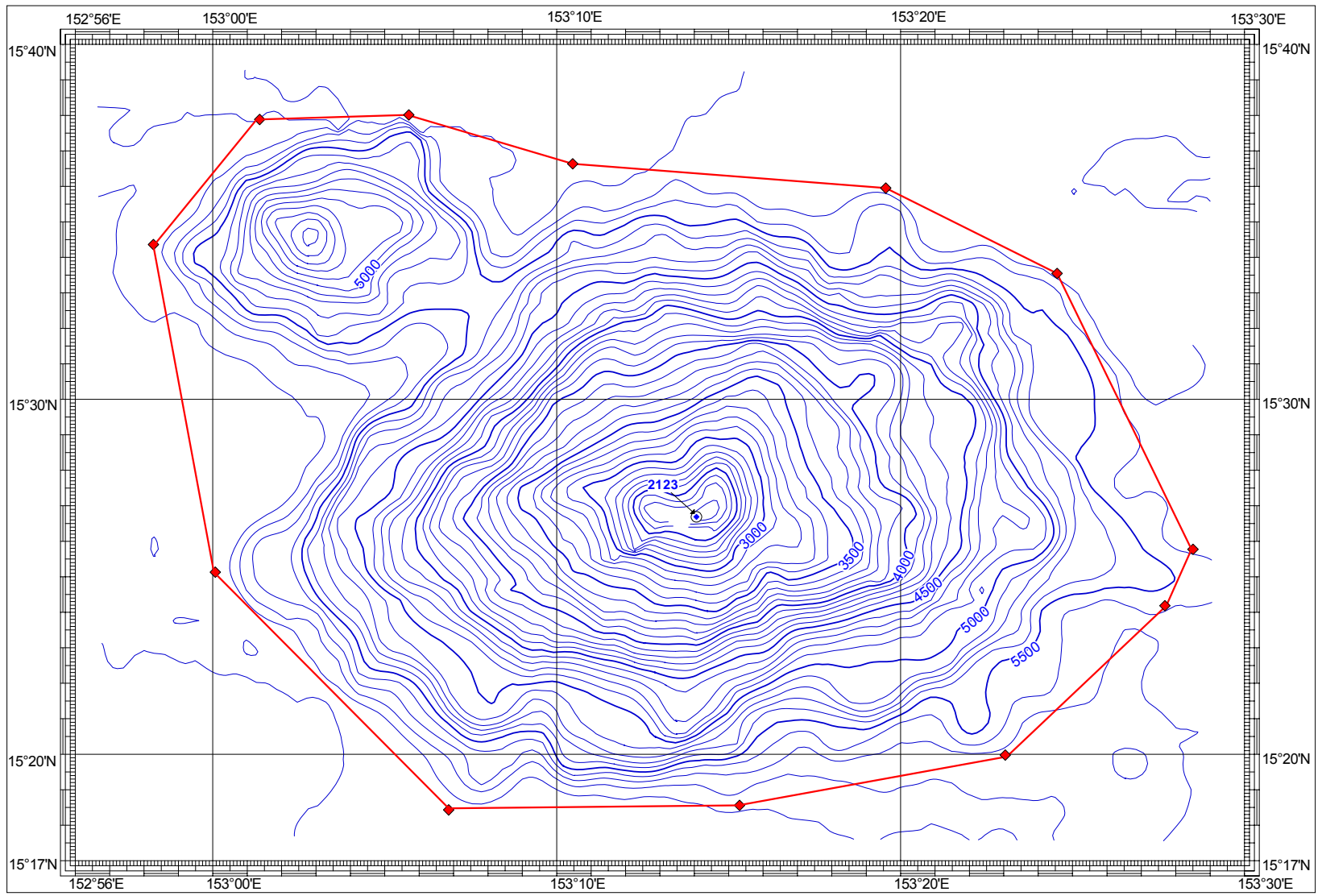


Figure 2. Bathymetric map of Melnikov seamount.
Isobath bring through 100 meter

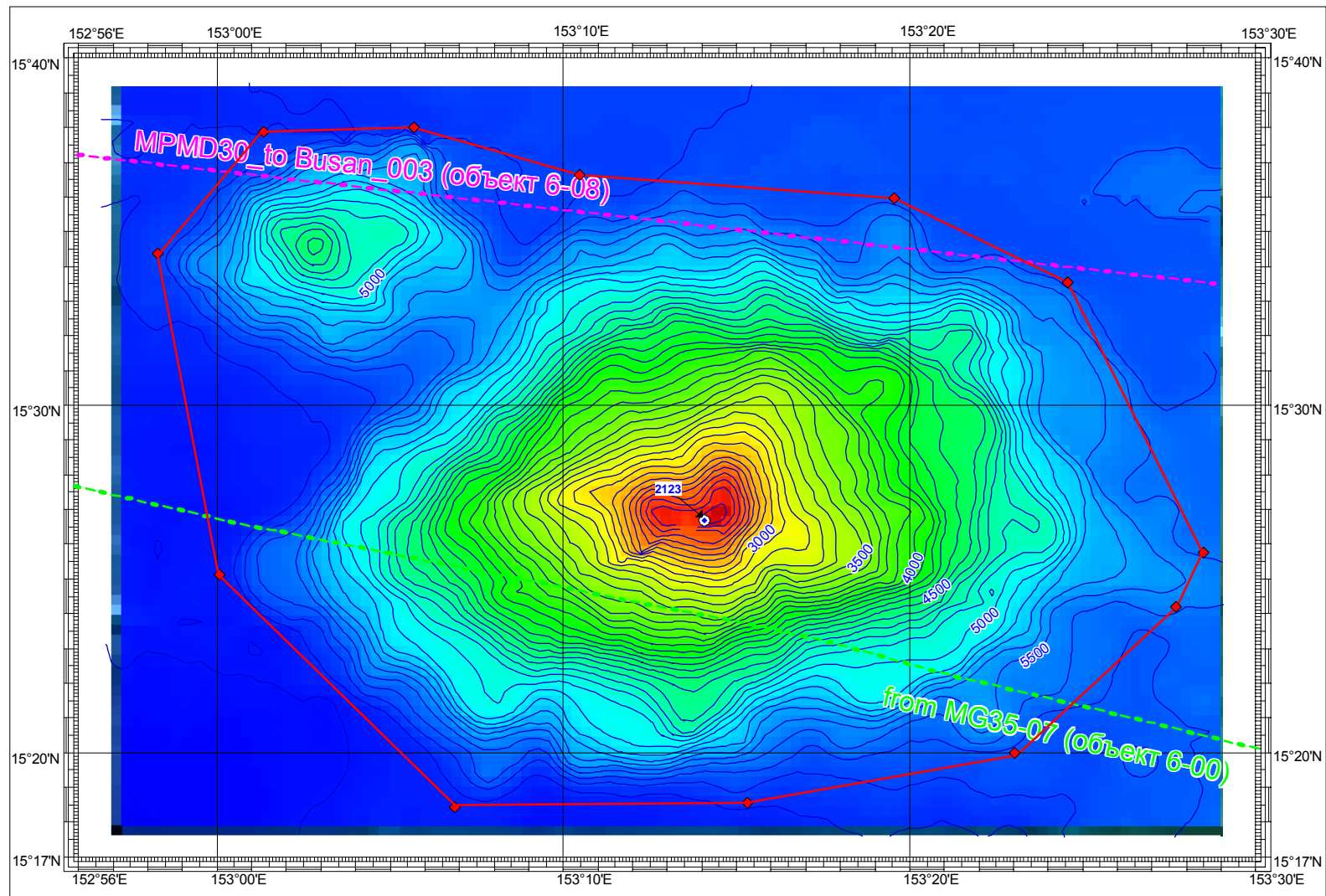


Figure 3. Bathymetric map with profile survey of Melnikov seamount.
 Isobath bring through 100 meter.
 Line of soundings Simrad EM 12 S 120 show dashed line