

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Raicho Fracture Zone	Ocean or Sea:	Philippine Sea, Northwestern Pacific
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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.

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	22°09'N	140°20'E
	21°34'N	139°56'E
	21°12'N	139°47'E
	20°30'N	139°29'E
	20°01'N	139°11'E
	19°19'N	138°26'E

Feature Description:	Maximum Depth :	5400 m	Steepness :	
	Minimum Depth :		Shape :	
	Total Relief :		Dimension/Size :	

Associated Features:	Parece Vela Rift, Tancho Fracture Zone, Toki Fracture Zone, Parece Vela Rift Fracture Zone Province
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Raicho is the Japanese for snow grouse. A bird is relevant to the name of the nearby Oki-no-Tori Shima Island, which includes a "bird" (= "tori") within its name.
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Discovery Facts:	Discovery Date:	
	Discoverer (Individual, Ship):	

Supporting Survey Data, including Track Controls:	Date of Survey:	Oct., Nov, Dec. 1993 April, May 2001 April, May, July 2004 Oct., Nov, Dec. 2005
	Survey Ship:	S/V Takuyo (1993, 2001, 2004, 2005) S/V Shoyo (2004, 2005)
	Sounding Equipment:	SeaBeam (1993) SeaBeam 2112 (after 2001)
	Type of Navigation:	GPS with Selective Availability (1993) GPS without Selective Availability (after 2001)
	Estimated Horizontal Accuracy (nm):	0.054 nm (1993) 0.014 nm (after 2001)

Survey Track Spacing:	See Fig. 2
Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	August 11, 2011
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department of Japan 5-3-1 Tsukiji, Chuo-ku, Tokyo 104- 0045, Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	This is a response to the actions SCUFN 15/46 and 15/47.
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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 <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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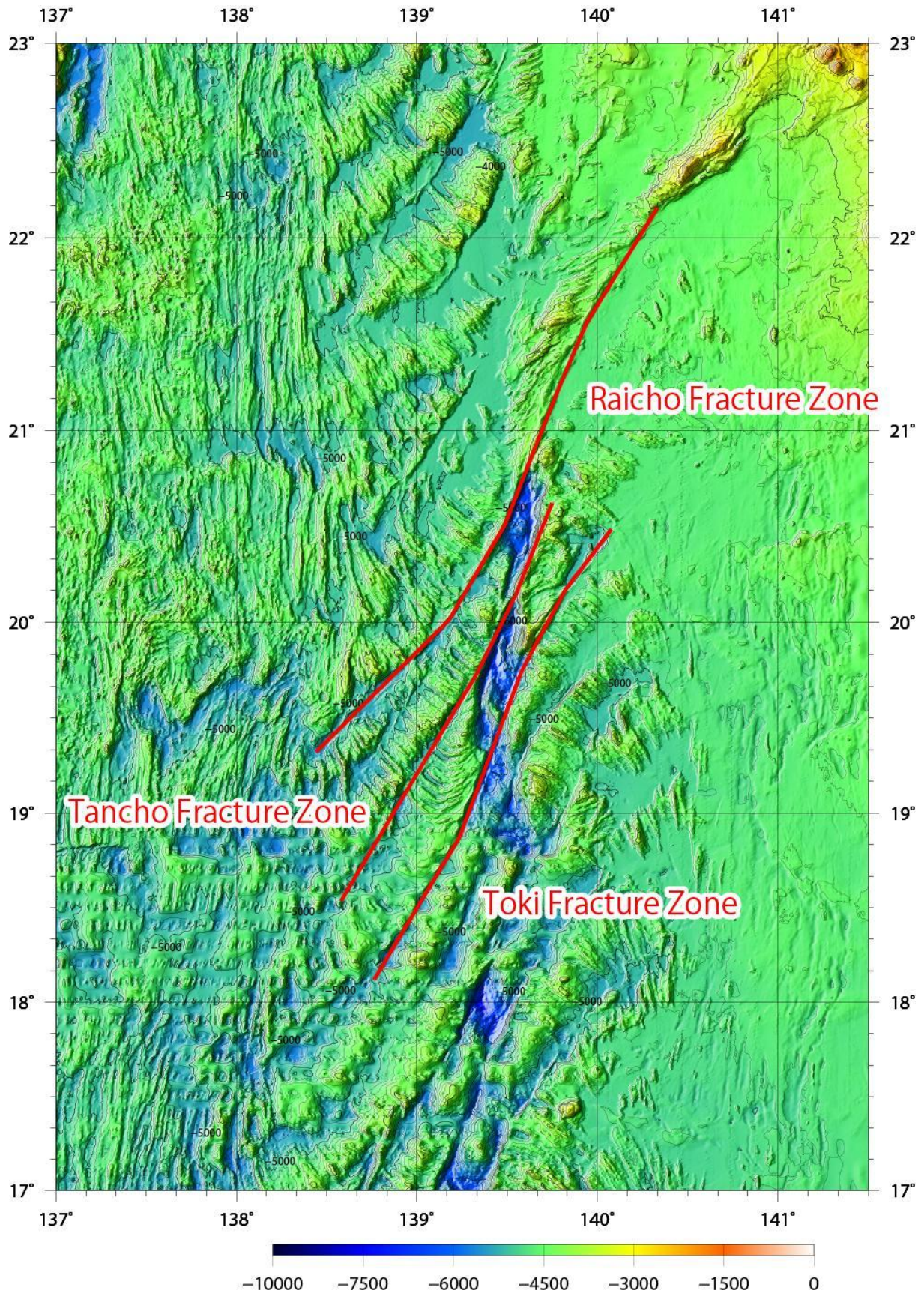


Fig 1. Color shaded bathymetric map of the Raicho, Tancho and Toki Fracture Zones. Contours are in 200 m. The zig-zag lines delineating the features are shown in red.

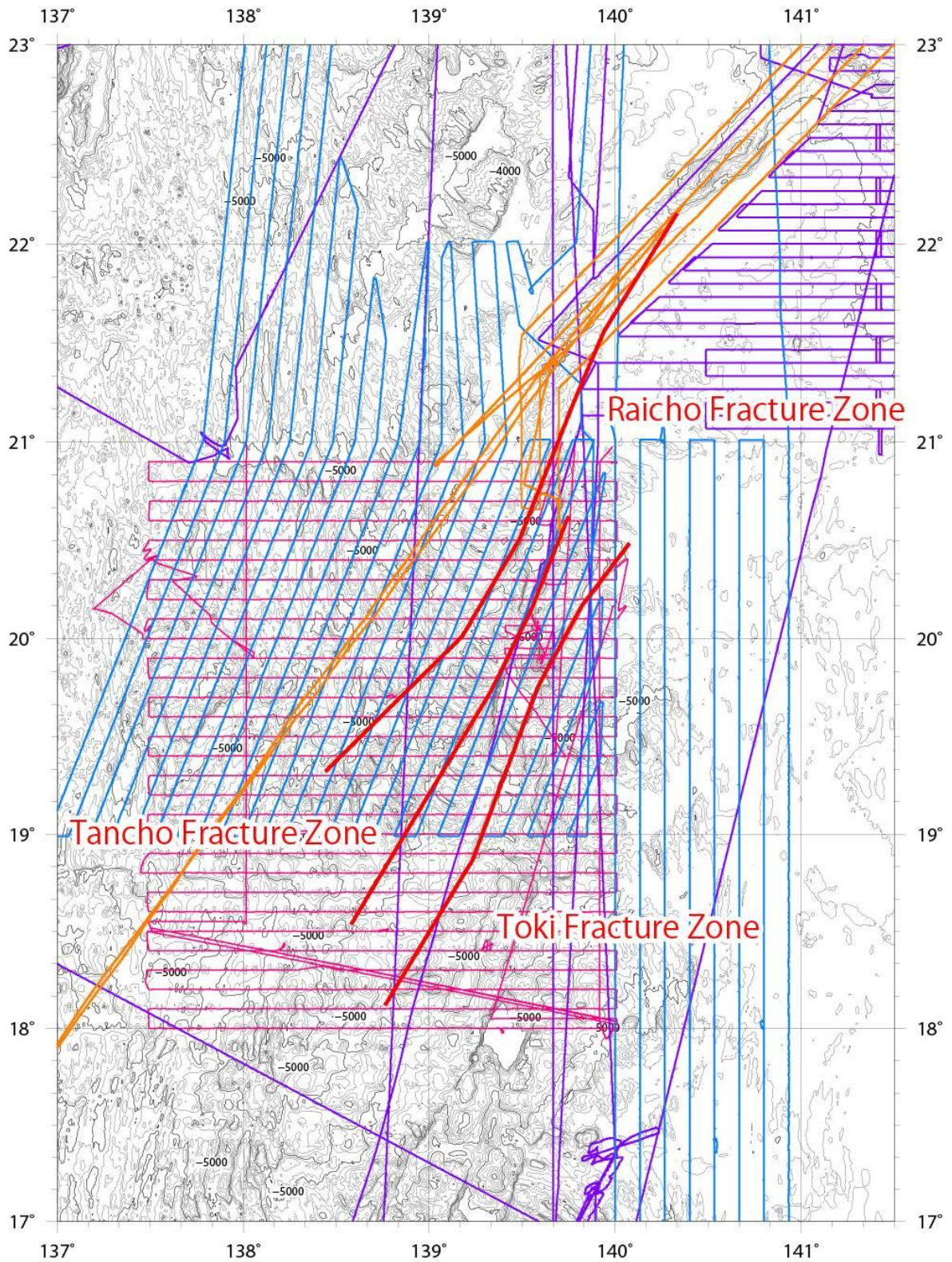


Fig 2. Bathymetric map of the Raicho, Tancho and Toki Fracture Zones. Contours are in 200 m. The zig-zag line delineating the feature is shown in red. The ship track are shown in pink (for surveys in 1993), orange (for surveys in 2001), blue (for surveys in 2004) and purple (for surveys in 2005) lines.