

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

<b>Name Proposed:</b>	Chukochen Fracture Zone	<b>Ocean or Sea:</b>	Northwest Indian 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.

<b>Coordinates:</b>	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	7°23.5'N (Center point)	59°37.9'E (Center point)
	6°22.6'N	59°12.1'E
	6°54.3'N	59°25.5'E
	7°49.2'N	59°49.3'E
	8°26.4'N	60°05.6'E

<b>Feature Description:</b>	Maximum Depth:	4700 m	Steepness :	
	Minimum Depth :	2500 m	Shape :	line
	Total Relief :	2200 m	Dimension/Size :	100 km * 25 km

<b>Associated Features:</b>	Chukochen Fracture Zone is a transform fault, running a band nearly NE to SW and perpendicular to the strike of Carlsberg Ridge.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.05
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Chinese R/V Chukochenhao carried out investigations to this fracture zone during 28 <sup>th</sup> ocean cruise. Chu Kochen is a famous Chinese geographer, meteorologist and educationalist. This feature is named after Chu Kochen, in memory of him and the R/V Chukochenhao.
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<b>Discovery Facts:</b>	Discovery Date:	April , 2012
	Discoverer (Individual, Ship):	Chinese R/V Lisiguanghao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	April , 2012
	Survey Ship:	Chinese R/V Lisiguanghao
	Sounding Equipment:	Multi-beam Echo Sounding System (Seabat8150)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	≤0.08 nm
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form: see Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources R&D Association (COMRA)
	Date:	July 1, 2017
	E-mail:	jin@comra.org
	Organization and Address:	Fuxingmenwai Street No.1, Beijing, China China Ocean Mineral Resources R&D Association
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). And the proposal has also been published in "Chinese Gazetteer of Undersea Features on the International Seabed(2016)". No.1, Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
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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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 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@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</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> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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# ANNEX

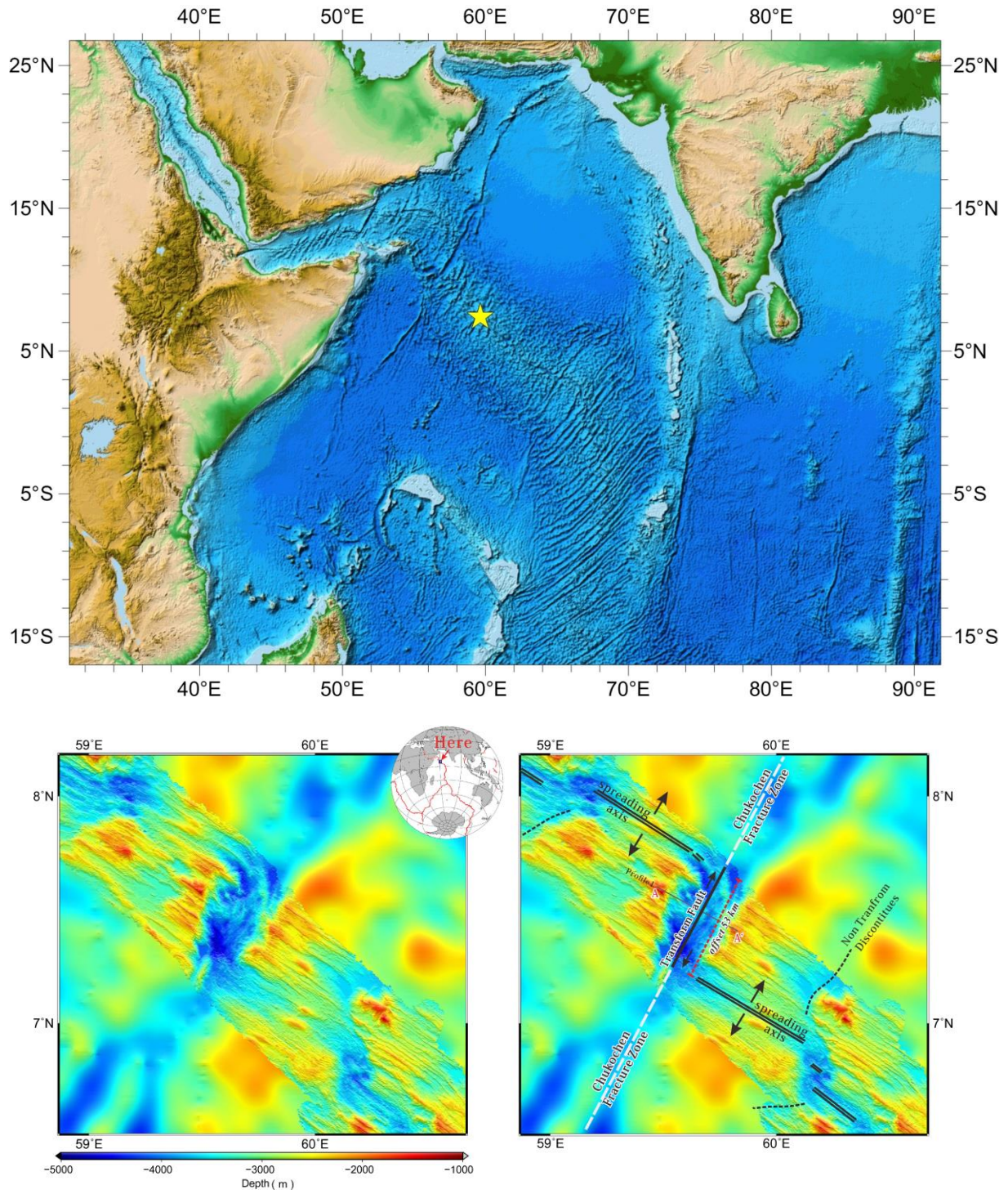


Fig. 1 Location of Chukochen Fracture Zone



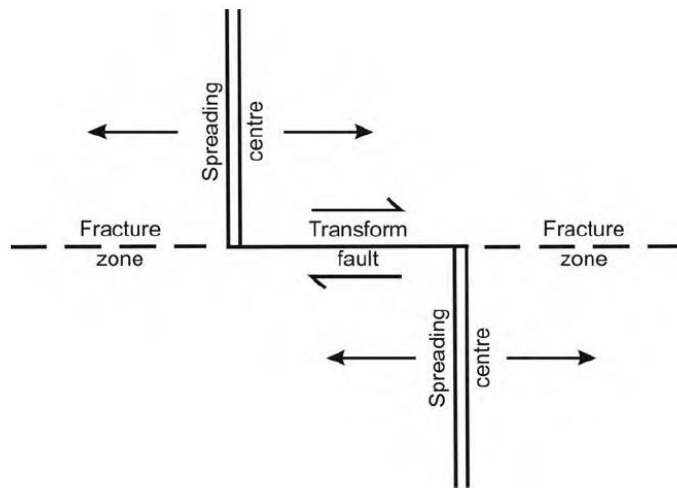
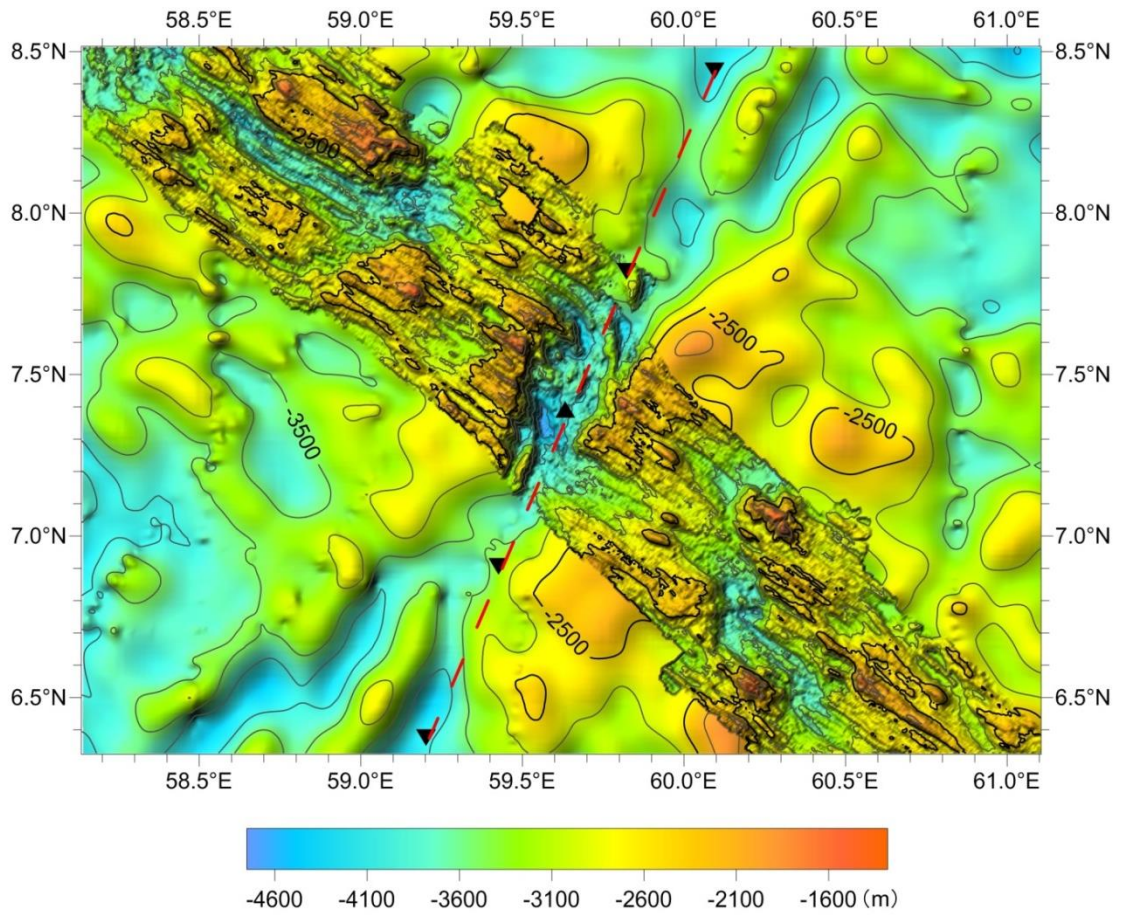


Fig. 2 Bathymetric map of Chukochen Fracture Zone (Contours are in 500 m)

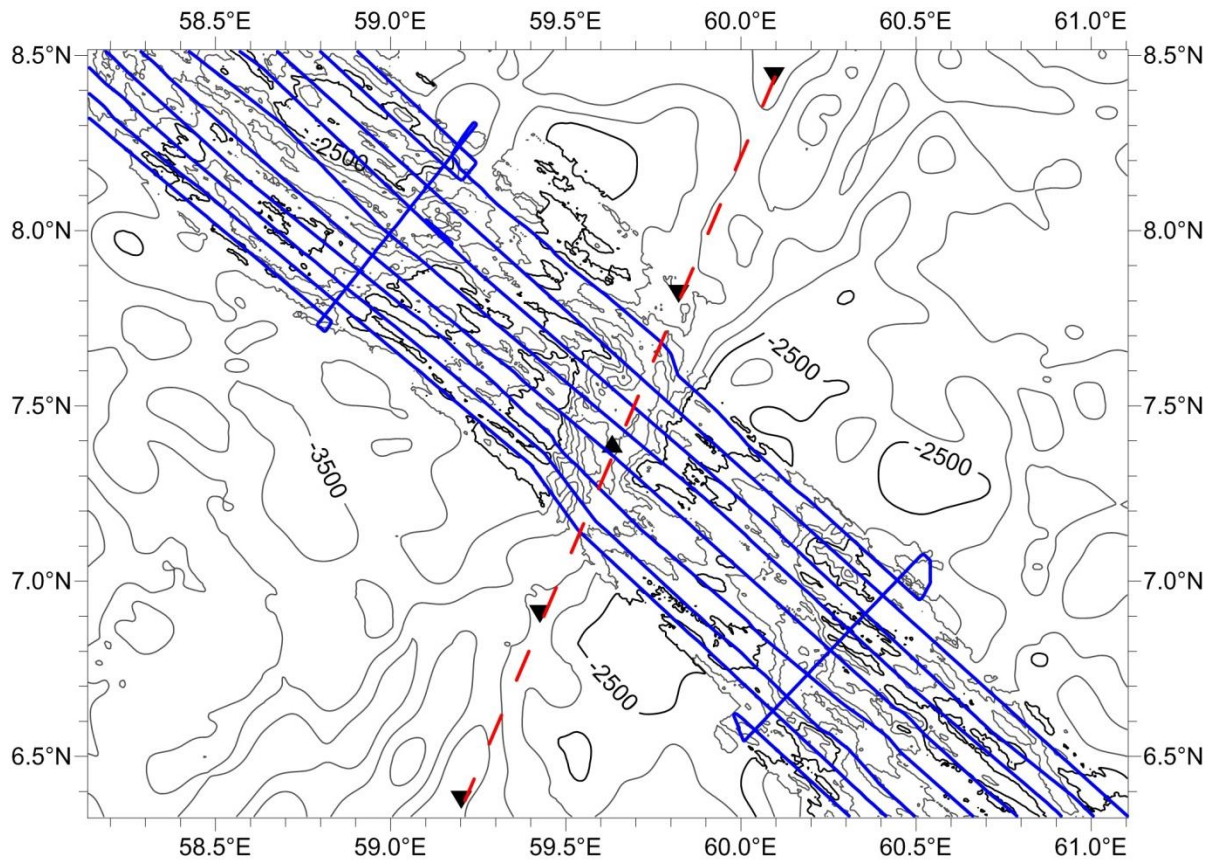


Fig. 3 Bathymetric and survey line map of Chukochen Fracture Zone (Contours are in 500 m, blue ones are survey lines)

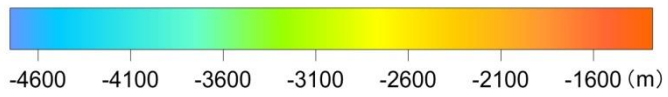
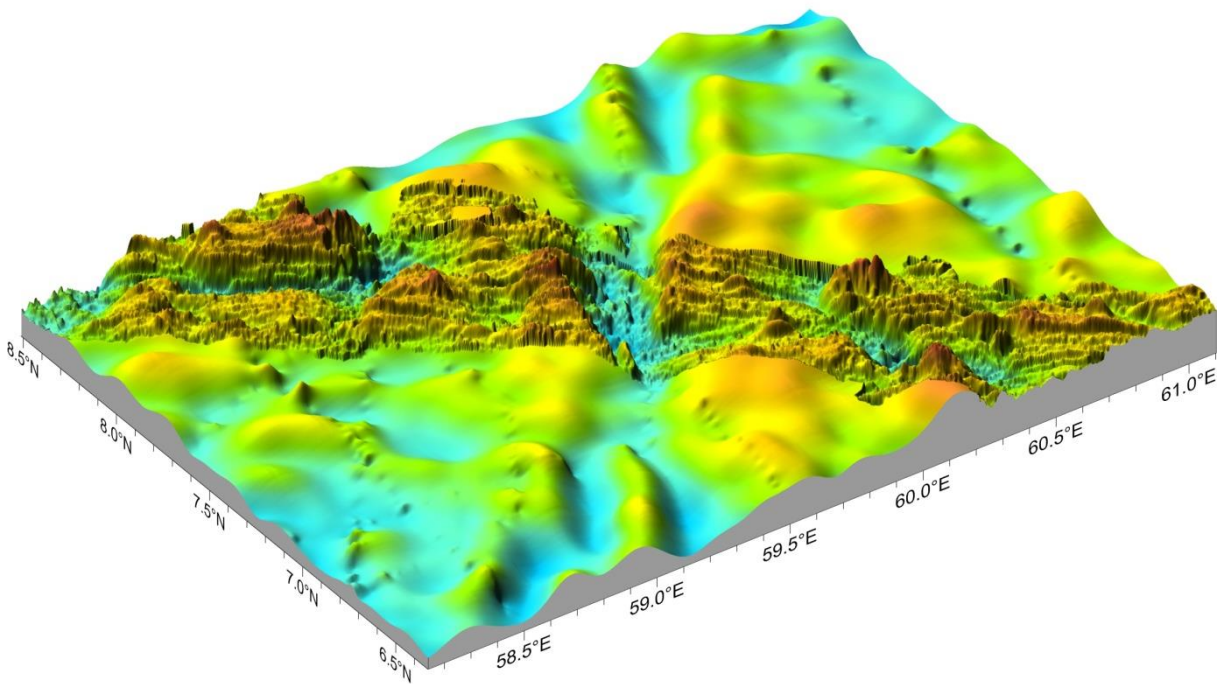
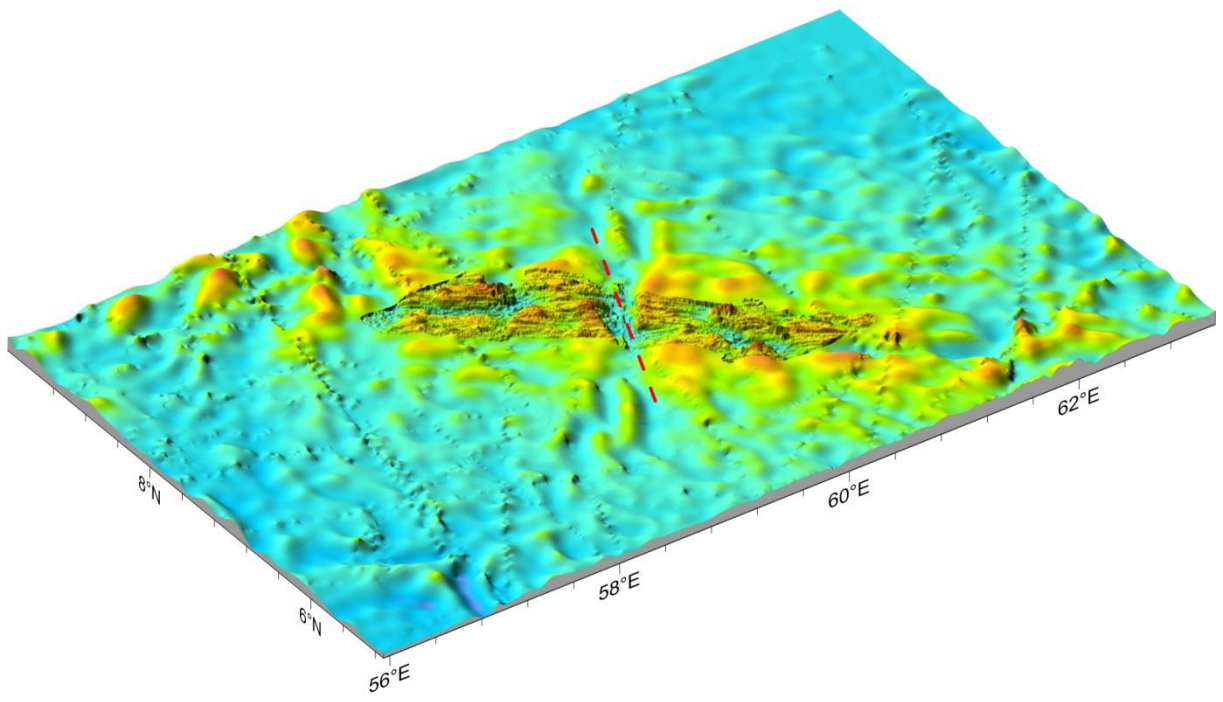


Fig. 4 3-D topography map of Chukochen Fracture Zone



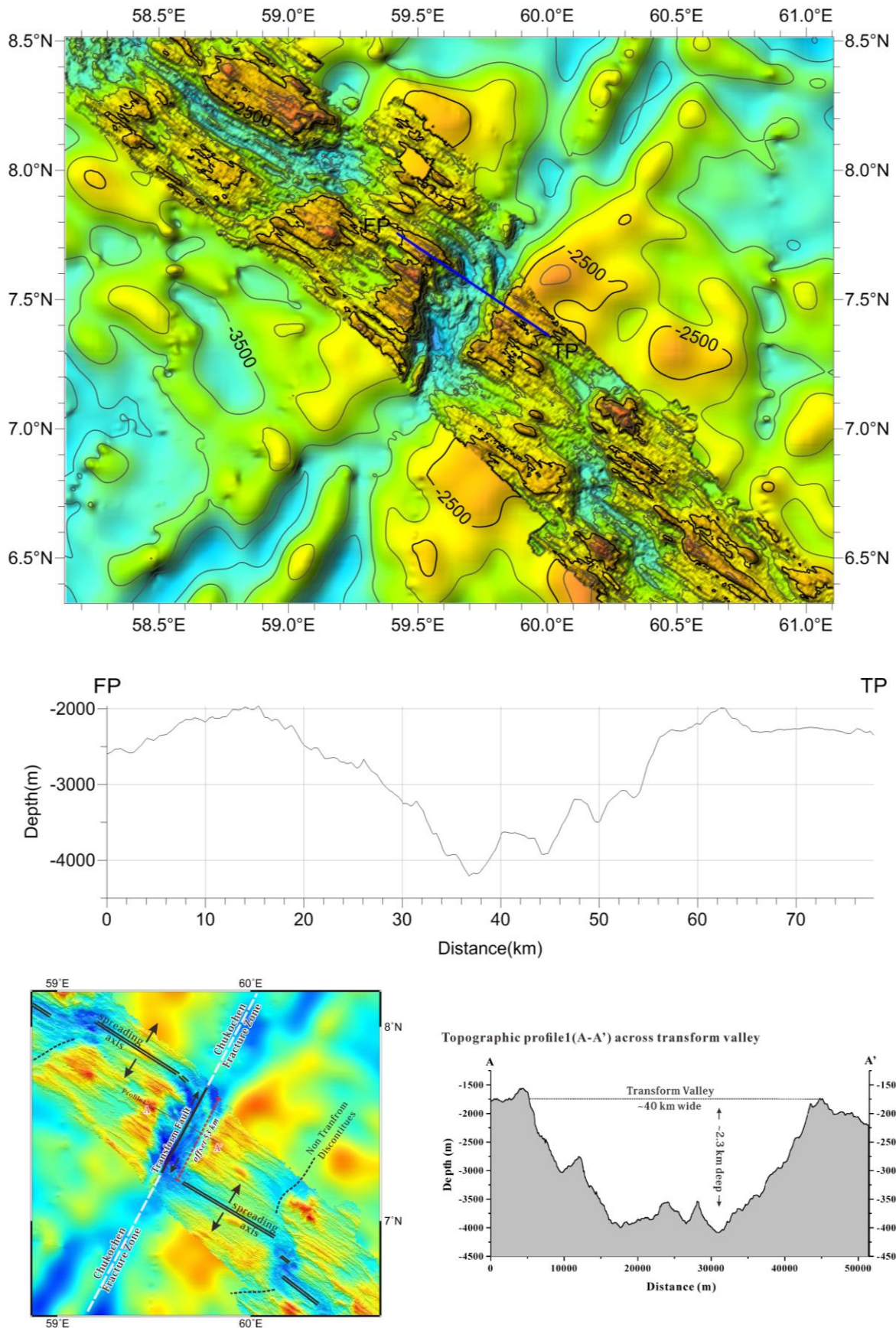


Fig. 5 profile map of Chukochen Fracture Zone