## INTERNATIONAL HYDROGRAPHIC **ORGANIZATION**

## INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

the South China Sea

## <u>UNDERSEA FEATURE NAME PROPOSAL</u> (See **NOTE** overleaf)

Ocean or Sea:

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

Name Proposed: Penxi Canyon

		······	(Yes/No)						
Point	Line	)	Polygon	Multiple points	Multiple I	ines*	Multiple polygons*	1	ination o netries*
	Yes						polygons	geoi	Heliles
* Geometry should		<u>.</u>	hed when	providing the coording	ates below.	<u>L</u>		İ	
				Lat. (e.g. 63°32.6'N	J)		Long. (e.g.	)46°21.3'W	/)
			13°31.5′N		110°58.0′E				
			13°29.3′N		111°12.2′E				
			13°21.0′N		111°22.8′E				
			13°15.5′N		111°34.4′E				
			13°14.7′N		1	39.4'E			
Coordinates:				13°08.4′N			44.1'E		
				13°00.6′N		1	47.3'E		
			12°56.3′N				54.3'E		
				12°51.0′N			05.8'E		
			12°39			1	15.0'E		
			12 37				10.0 L		
	Ma	Maximum Depth:		4400	Steepness :		0.5 °-1.5 °		
Feature	<b></b>	Minimum Depth :		2800		Shape :		Elongated	
Description:		Total Relief :				Dimension/Size :		170km × 10km	
		otal Kellet :		1600	Dimer	nsion/Siz	ze: 17	$0 \text{km} \times 10$	)km
		otal Reliet :		1600	Dimer	nsion/Siz	ze: 17	0km × 10	)km
Associated Featu		otal Kellet :	canyo	Canyon lies in the n extends into Sou east. The length of	western s	lope of Sea Bas	the South C	hina Sea.	
Associated Featu		otal Kellet :	canyon	Canyon lies in the n extends into Sou east. The length of	western s th China S this canyo	lope of Sea Bas	the South C	hina Sea.	
	ures:	otal Kellet :	southe Shown	Canyon lies in the n extends into Sou ast. The length of Named on Map/Char	western s th China S this canyo	lope of Sea Bas on is 17	the South C in from nor 0 km.	hina Sea.	
	ures:	otal Kellet :	Shown	Canyon lies in the n extends into Sou east. The length of	western s th China S this canyo	lope of Sea Bas on is 17	the South C	hina Sea.	
	ures:	otal Kellet :	Shown	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Ch	western s th China S this canyo	lope of Sea Bas on is 17	the South C in from nor 0 km.	hina Sea.	
Chart/Map Reference Reason for Choice person, state how a	ures: nces: e of Namassociate	ne (if a	Shown Shown Within	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Ch	western s th China S this canyo t: nart:	lope of Sea Bas on is 17 GEB	the South Cin from nor 0 km.	China Sea.	This
Chart/Map Reference Reason for Choice person, state how a	ures: nces: e of Namassociate	ne (if a	Shown Shown Within	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named	western s th China S this canyo t: nart:	lope of Sea Bas on is 17 GEB	the South Cin from nor 0 km.	China Sea.	This
Associated Featu Chart/Map Reference Reason for Choice person, state how a feature to be name	ures: nces: e of Namassociate	ne (if a	Shown Shown Within A  Penxi ( to the v	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chinery Date:	western s th China S this canyo t: nart:	lope of Sea Bas on is 17 GEB elative in.	the South Coin from nor 0 km.  CO 5.06  position. Pe	Thina Sea. thwest to	This
Chart/Map Reference Reason for Choice person, state how a feature to be name	ures: nces: e of Namassociate	ne (if a	Shown Shown Within A  Penxi ( to the v	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chin	western s th China S this canyo t: nart:	lope of Sea Bas on is 17 GEB elative in.	the South Coin from nor 0 km.  CO 5.06	Thina Sea. thwest to	This
Chart/Map Reference Reason for Choice person, state how a	ures: nces: e of Namassociate	ne (if a	Shown Shown Within A  Penxi ( to the v  Discove	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chinery Date: erer (Individual, Ship)	western s th China S this canyo t: nart:	lope of Sea Bas on is 17 GEB elative in.	the South Coin from nor 0 km.  CO 5.06  position. Pe	Thina Sea. thwest to	This
Chart/Map Reference Reason for Choice person, state how a feature to be name	ures: nces: e of Namassociate	ne (if a	Shown Shown Within A  Penxi (to the vice discovered) Discovered Discovered Date of	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chinery Date: erer (Individual, Ship)	western s th China S this canyo t: nart:	lope of Sea Bas on is 17  GEB  elative in.  1998 R/V	the South Coin from nor 0 km.  CO 5.06  position. Pe	china Sea.  chwest to  nxi mean	This
Chart/Map Reference Reason for Choice person, state how a feature to be name  Discovery Facts:	nces: e of Namassociated):	ne (if a ed with the	Shown Shown Within A  Penxi (to the vice of the vice o	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chin ery Date: erer (Individual, Ship) Survey: Ship:	western s th China S this canyo t: nart:	lope of Sea Bason is 17  GEB  GEB  elative in.  1998 R/V	the South Coin from nor 0 km.  CO 5.06  position. Pe Haiyang Sih	china Sea. chwest to  nxi mean	This s it is
Chart/Map Reference Reason for Choice person, state how a feature to be name  Discovery Facts:  Supporting Surve	nces: e of Namassociated):	ne (if a ed with the	Shown Shown Within A  Penxi (to the vice of the vice o	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chinery Date: erer (Individual, Ship)	western s th China S this canyo t: nart:	lope of Sea Basson is 17  GEB  elative in.  1998 R/V Mult	the South Coin from nor 0 km.  CO 5.06  position. Pe	china Sea. chwest to  maxi mean mao ding syst	This s it is
Chart/Map Reference Reason for Choice person, state how a feature to be name	nces: e of Namassociated):	ne (if a ed with the	Shown Shown Within A  Penxi ( to the v  Discove  Discove  Survey  Sounding	Canyon lies in the n extends into Sou east. The length of Named on Map/Char Unnamed on Map/Chart: Canyon is named west of South Chin ery Date: erer (Individual, Ship) Survey: Ship:	western s th China S this canyo t: nart:	lope of Sea Basson is 17  GEB  elative in.  1998 R/V Mult	the South Coin from nor 0 km.  CO 5.06  position. Pe  Haiyang Sil  1-1999  Haiyang Sil  i-beam sour	china Sea. chwest to  maxi mean mao ding syst	This s it is

	Survey Track Spacing:	4nm				
	Supporting material can be subm	itted as Annex in analog or digital form.				
Proposer(s):	Name(s):	Zhu Benduo, Huang Wenxing				
	Date:	2016.8.10				
	E-mail:	Zhubenduo@163.com				
	Organization and Address:	Guangzhou Marine Geological Survey, China Geological Survey. No.188 Guanghai Rd., Huangpu District, Guangzhou, China.				
	The proposal has been reviewed and approved by Sub-Committee on					
Remarks:	Undersea Feature Names of China Committee on Geographical Names (CCUFN).					
	No.1, Fuxingmenwai Street, Xicheng District, Beijing, China, 100860					
	heyunxu@sina.com					

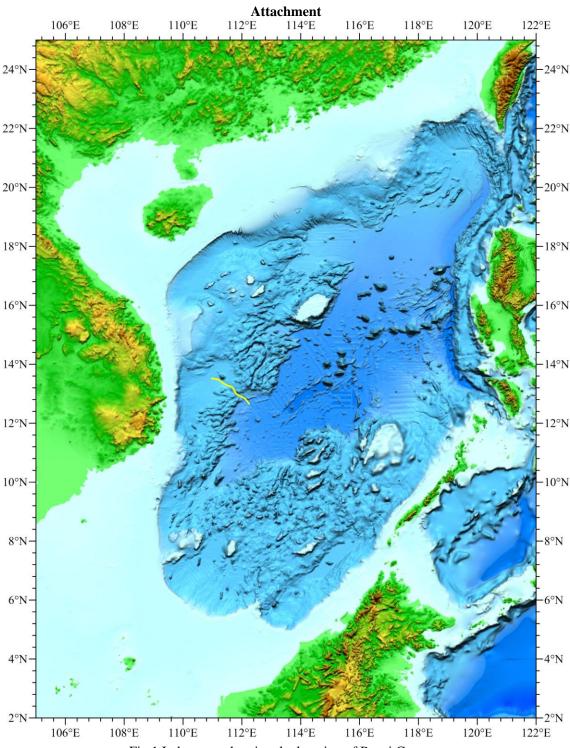
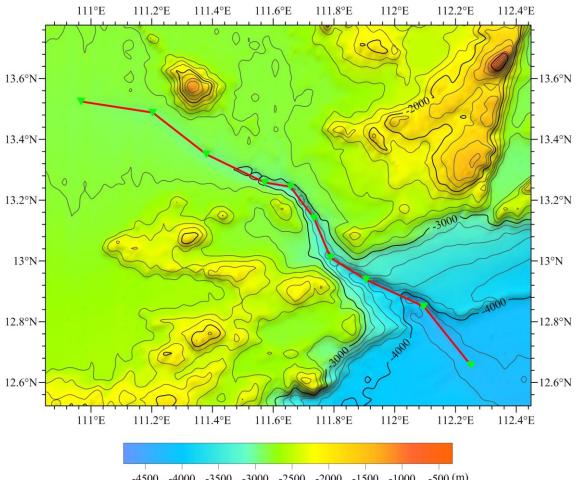


Fig.1 Index map showing the location of Penxi Canyon.



-4500 -4000 -3500 -3000 -2500 -2000 -1500 -1000 -500 (m) Fig.2 Bathymetric map of Penxi Canyon (Contours are in 200 m)

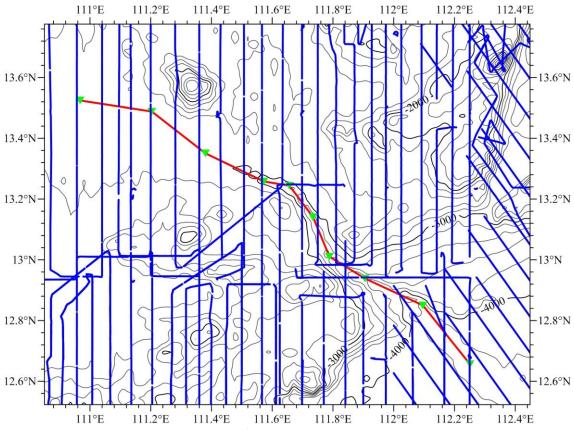
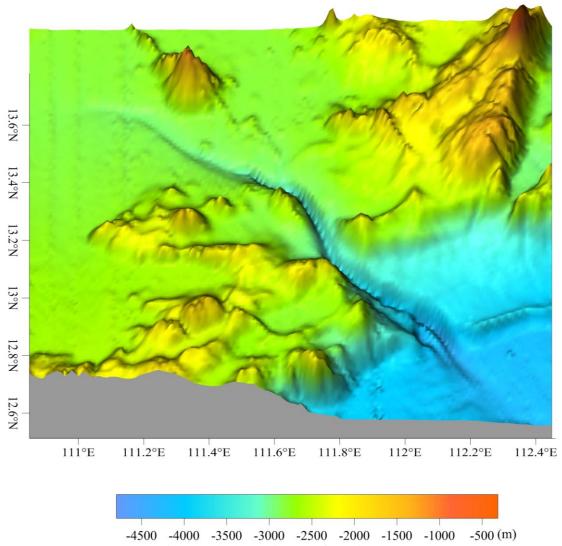


Fig.3 Bathymetric map of Penxi Canyon overlain with track lines (Contours are in 200 m, blue lines for the track lines)



-4500 -4000 -3500 -3000 -2500 -2000 -1500 -1000 -500 (m) Fig.4 3-D bathymetric map of Penxi Canyon

