

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

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| Name Proposed: | Mingyue Seamount | Ocean or Sea: | Western 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: | 18°37.6'N (summit) | 123°50.9'E (summit) |
| | 18°40.3'N (bottom) | 123°49.5'E (bottom) |
| | 18°40.6'N | 123°50.6'E |
| | 18°41.3'N | 123°51.5'E |
| | 18°41.7'N | 123°52.5'E |
| | 18°41.4'N | 123°53.7'E |
| | 18°40.7'N | 123°54.4'E |
| | 18°37.3'N | 123°54.8'E |
| | 18°34.9'N | 123°53.4'E |
| | 18°33.2'N | 123°52.1'E |
| | 18°33.2'N | 123°50.6'E |
| | 18°36.5'N | 123°47.0'E |
| | 18°38.1'N | 123°45.4'E |
| | 18°39.5'N | 123°46.0'E |
| | 18°40.8'N | 123°47.1'E |
| | 18°40.3'N | 123°49.5'E |

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| Feature Description: | Maximum Depth: | 5519m | Steepness : | about 16.2° |
| | Minimum Depth : | 3227m | Shape : | Heart-shape |
| | Total Relief : | 2292m | Dimension/Size : | 17.5km×15.7km |

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| Associated Features: | This sea mountain lies in the northern part of Luzon Plateau, with triangle shape and top depth 3227m. |
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| Chart/Map References: | Shown Named on Map/Chart: | |
| | Shown Unnamed on Map/Chart: | GEBCO 5.07 |
| | Within Area of Map/Chart: | |

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| Reason for Choice of Name (if a person, state how associated with the feature to be named): | Mingyue means bright moon, taken from a poem <i>On a Quiet Night</i> by Li Bai in Tang Dynasty (A.D.618-907) of China. The original verse is: <i>I raised my head and looked out on the mountain moon, I bowed my head and thought of my far-off home.</i> In the well known poem, the author expressed his deep emotion for his hometown. |
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| Discovery Facts: | Discovery Date: | Sep.2004 |
| | Discoverer (Individual, Ship): | China Survey Vessel "Lisiguanghao" |

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| Supporting Survey Data, including Track Controls: | Date of Survey: | Jul.--Sep.2004 |
| | Survey Ship: | China Survey Vessel "Lisiguanghao" |
| | Sounding Equipment: | Multi-beam sounding system(EM120) |
| | Type of Navigation: | GPS |
| | Estimated Horizontal Accuracy (nm): | 0.054nm(100m) |
| | Survey Track Spacing: | 6nm |
| | Supporting material can be submitted as Annex in analog or digital form. | |

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| Proposer(s): | Name(s): | Xu Jinde |
| | Date: | 20 May.2016 |
| | E-mail: | CNHO@NGD.GOV.CN |
| | Organization and Address: | China Navy Hydrographic Office ADD: PO. Box 91,NO.19,W.3 rd Ring Road Middle, Haidian District, Beijing, China Postcode:100841 |
| | Concurren (name, e-mail, organization and address): | |

| | |
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| Remarks: | The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). 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 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 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Attachments

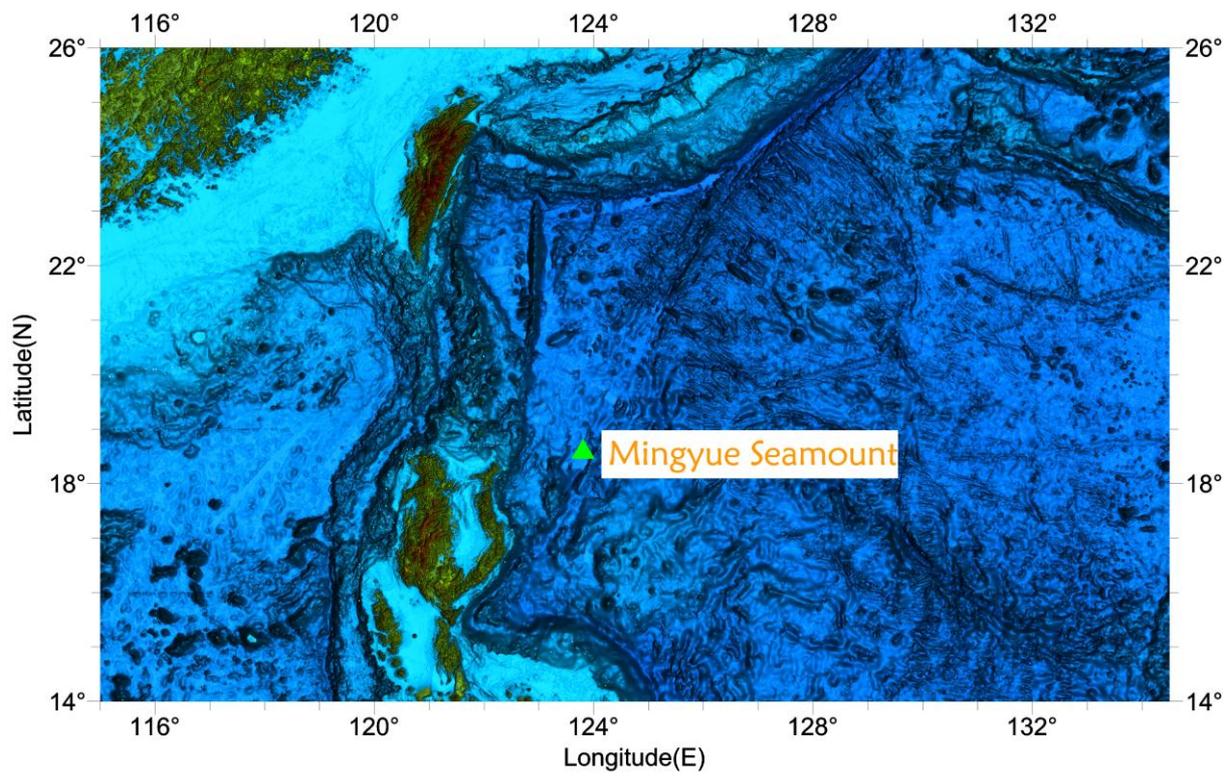


Fig.1 Index map showing the location of Mingyue Seamount

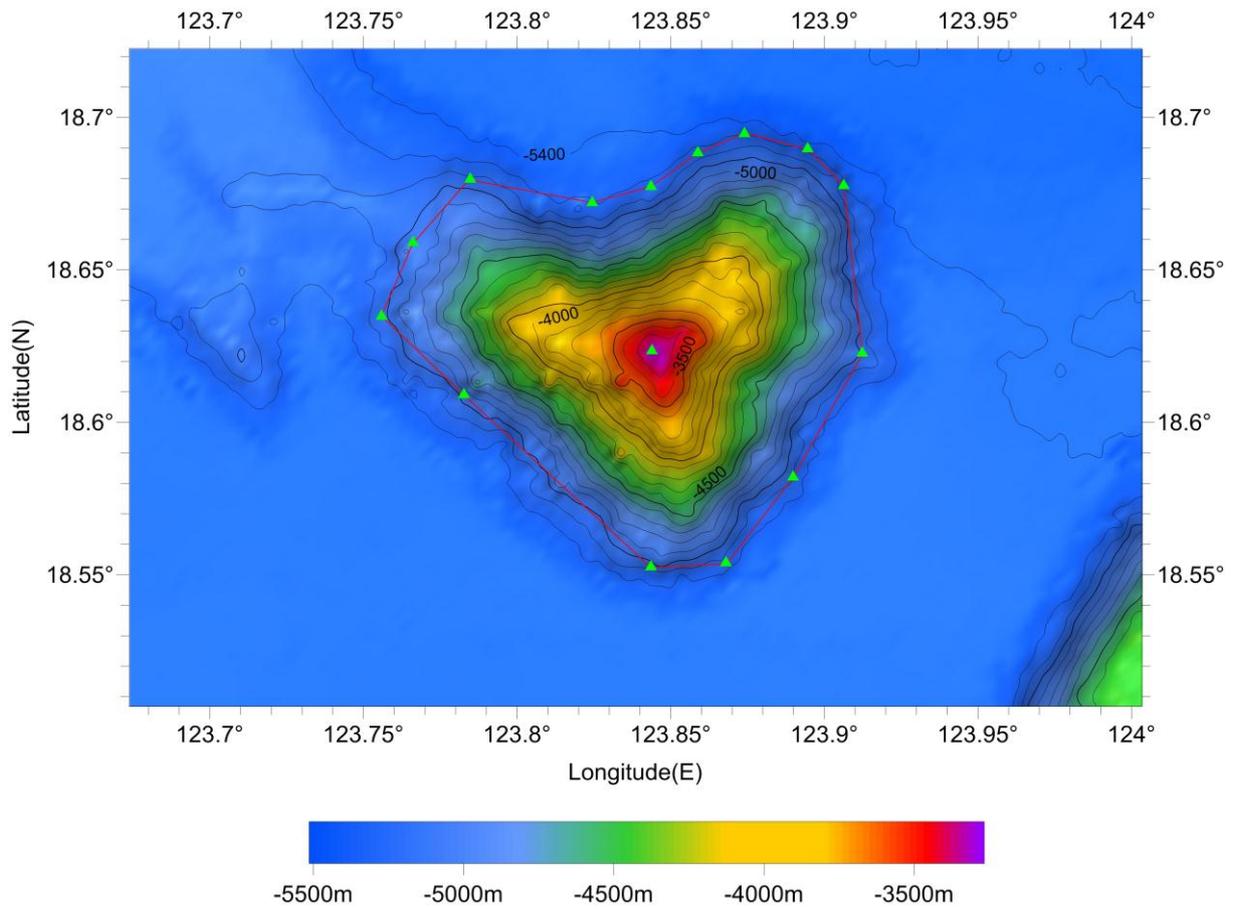


Fig.2 Bathymetric map of Mingyue Seamount(Contours are in 100 m)

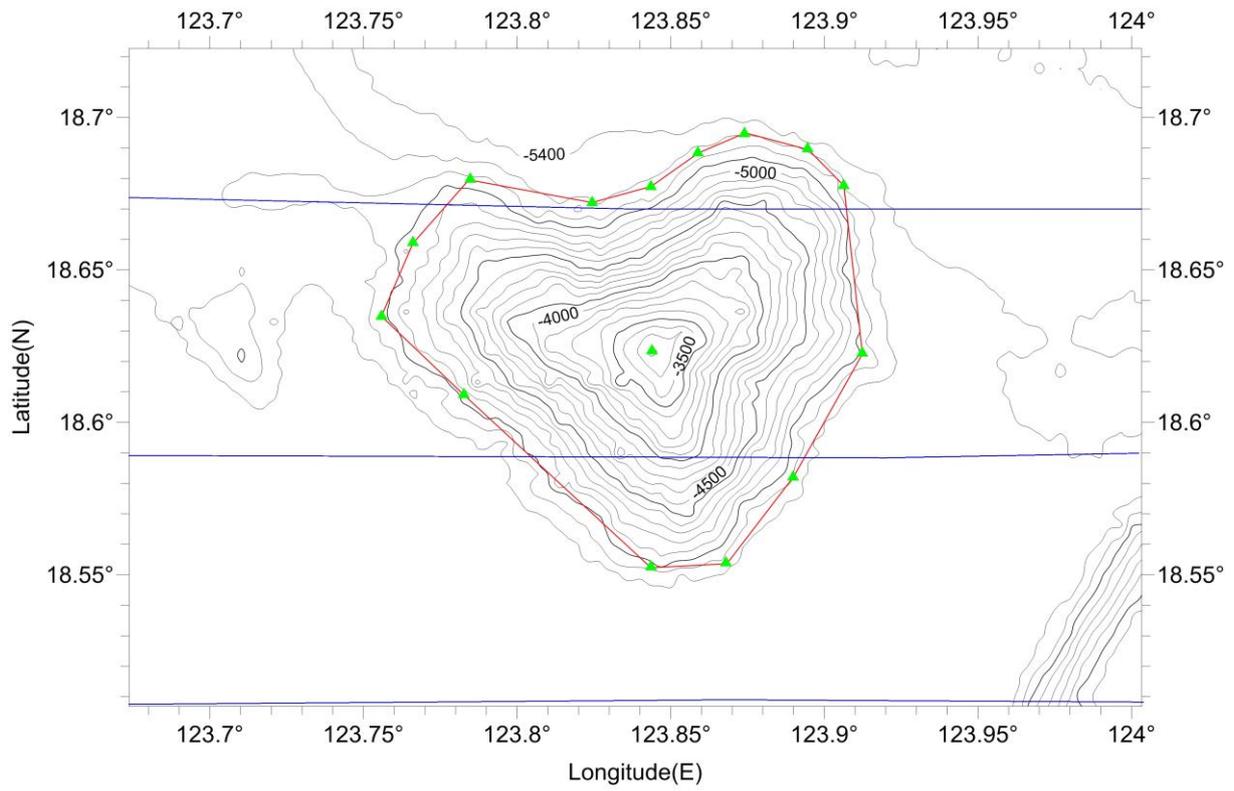


Fig.3 Bathymetric map of Mingyue Seamount, showing track lines.
(Contours are in 100 m)

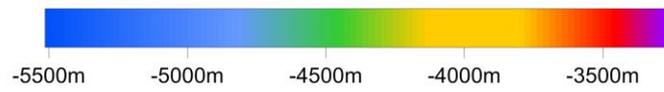
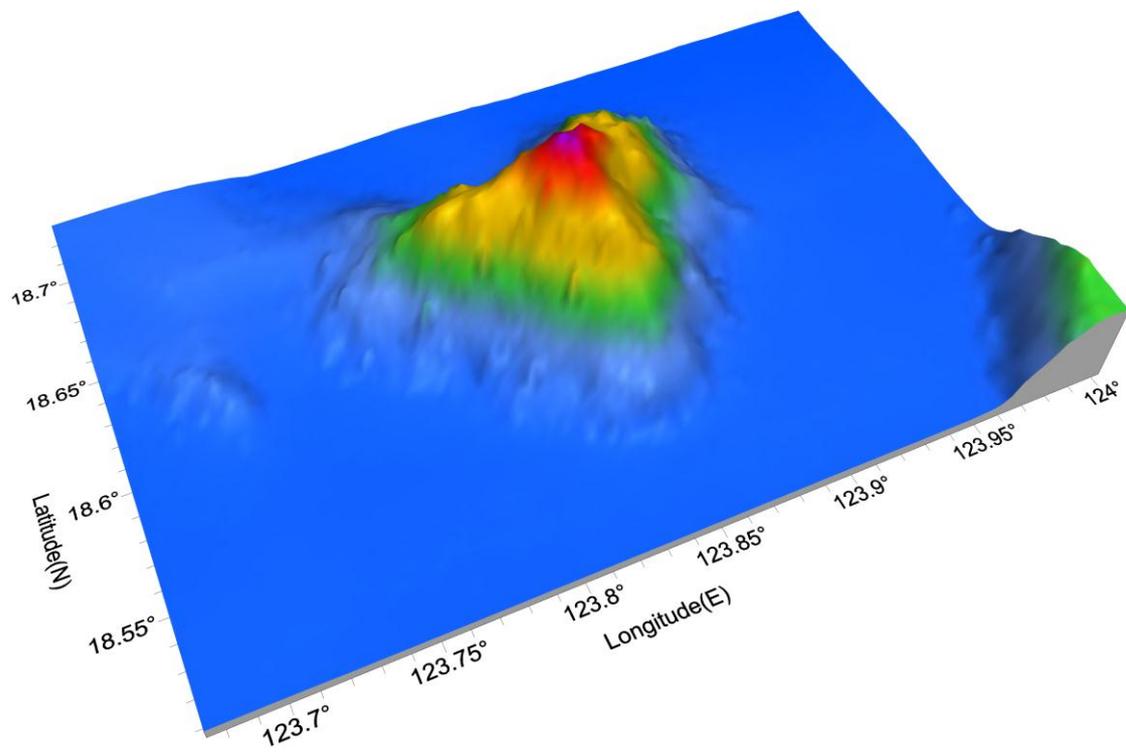


Fig.4 3-D bathymetric map of Mingyue Seamount

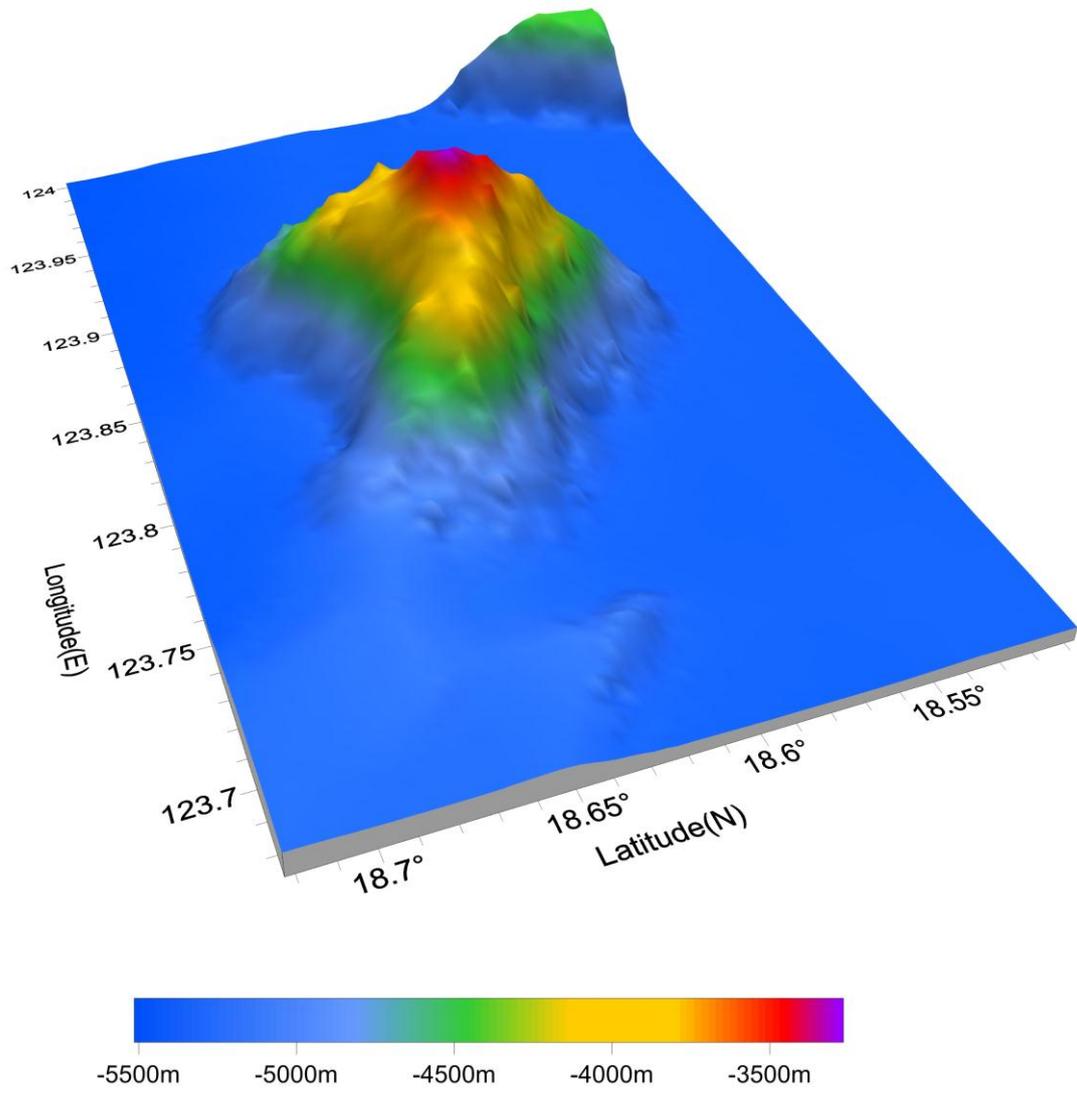


Fig.5 3-D bathymetric map of Mingyue Seamount

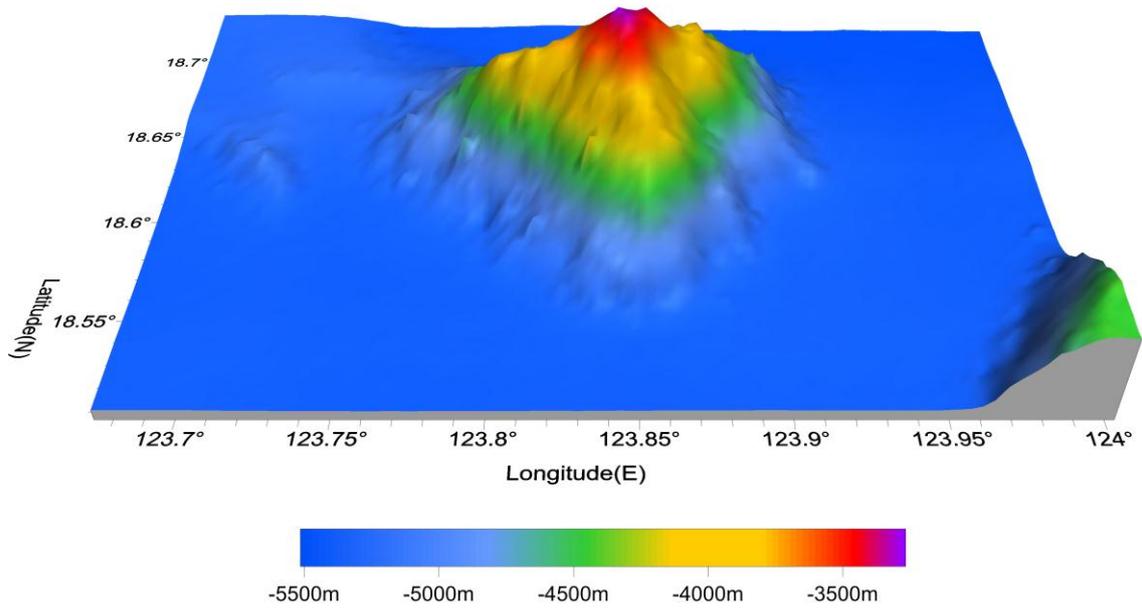


Fig.6 3-D bathymetric map of Mingyue Seamount

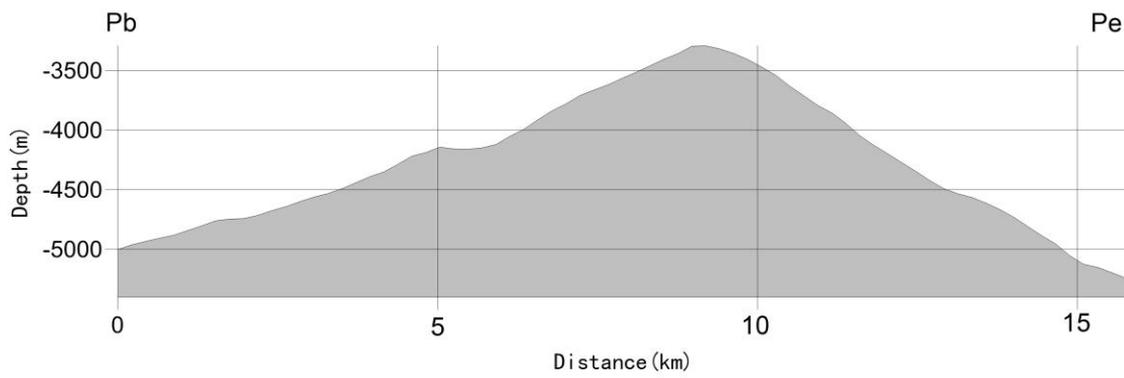
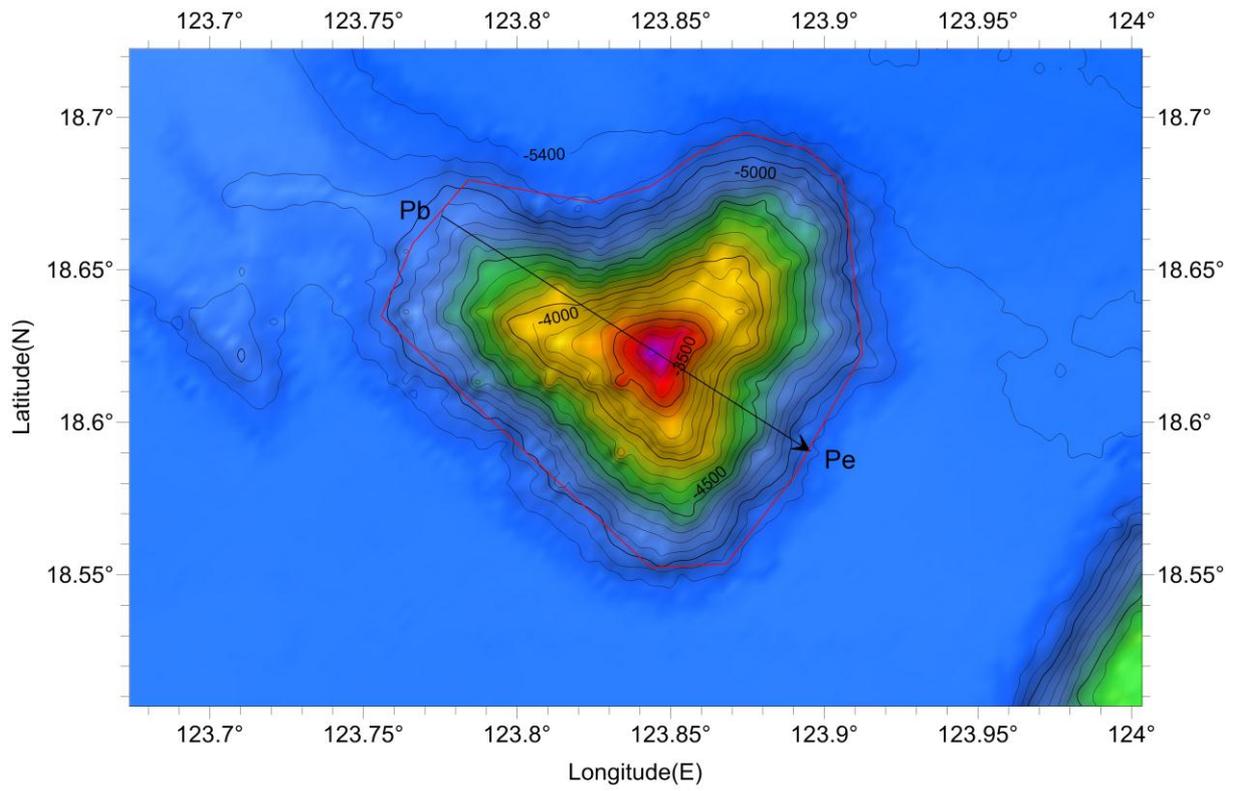


Fig.7 Profile of Mingyue Seamount