

|  |   |
|--|---|
| <b>INTERNATIONAL HYDROGRAPHIC ORGANIZATION</b> | <b>INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)</b> |
|--|---|

**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

|                       |              |                      |                         |
|-----------------------|--------------|----------------------|-------------------------|
| <b>Name Proposed:</b> | Oda Seamount | <b>Ocean or Sea:</b> | Northwest Pacific Ocean |
|-----------------------|--------------|----------------------|-------------------------|

|  |      |         |                 |                 |                    |                            |
|--|------|---------|-----------------|-----------------|--------------------|----------------------------|
| <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.

|                     |                       |                         |
|---------------------|-----------------------|-------------------------|
|                     | Lat. (e.g. 63°32.6'N) | Long. (e.g. 046°21.3'W) |
| <b>Coordinates:</b> | 27°55.04'N            | 152°11.20'E             |
|                     | 27°58.83'N            | 152°13.52'E             |
|                     | 27°58.86'N            | 152°19.48'E             |
|                     | 27°56.93'N            | 152°23.19'E             |
|                     | 27°51.81'N            | 152°24.79'E             |
|                     | 27°47.21'N            | 152°24.38'E             |
|                     | 27°47.90'N            | 152°17.55'E             |
|                     | 27°49.19'N            | 152°14.68'E             |
|                     | 27°53.09'N            | 152°11.07'E             |
|                     | 27°55.04'N            | 152°11.20'E             |

|                             |                 |         |                  |                    |
|-----------------------------|-----------------|---------|------------------|--------------------|
| <b>Feature Description:</b> | Maximum Depth : | 6,000 m | Steepness :      |                    |
|                             | Minimum Depth : | 3,177 m | Shape :          | Slightly elongated |
|                             | Total Relief :  | 2,823 m | Dimension/Size : | 25 km × 20 km      |

|                             |  |
|-----------------------------|--|
| <b>Associated Features:</b> |  |
|-----------------------------|--|

|                              |                             |      |
|------------------------------|-----------------------------|------|
| <b>Chart/Map References:</b> | Shown Named on Map/Chart:   | 6727 |
|                              | Shown Unnamed on Map/Chart: |      |
|                              | Within Area of Map/Chart:   | W48  |

|  |  |
|--|--|
| <b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named): | Named after a paleontologist the late Dr. Motoyoshi Oda. |
|--|--|

|                         |                                |                                     |
|-------------------------|--------------------------------|-------------------------------------|
| <b>Discovery Facts:</b> | Discovery Date:                | Oct. 1999                           |
|                         | Discoverer (Individual, Ship): | The Japanese survey vessel "Takuyo" |

|  |  |  |
|--|--|--|
| <b>Supporting Survey Data, including Track Controls:</b> | Date of Survey:  | Oct. – Nov. 1999                       |
|  | Survey Ship:   | The Japanese survey vessel "Takuyo"    |
|  | Sounding Equipment:  | Multibeam echo sounder<br>Seabeam 2112 |
|  | Type of Navigation:  | GPS with Selective Availability        |
|  | Estimated Horizontal Accuracy (nm):                                      | 0.054 nm (100 m)                       |
|  | Survey Track Spacing:  | Less than 10 nm                        |
|  | Supporting material can be submitted as Annex in analog or digital form. |  |

|                     |  |   |
|---------------------|--|---|
| <b>Proposer(s):</b> | Name(s):   | JCUFN   |
|                     | Date:  | Aug. 17, 2016   |
|                     | E-mail:  | ico@jodc.go.jp  |
|                     | Organization and Address:                              | Hydrographic and Oceanographic<br>Department, Japan Coast Guard<br>Kasumigaseki 3-1-1, Chiyoda-ku, Tokyo<br>100-8932, Japan |
|                     | Concurren (name, e-mail, organization<br>and address): |   |

|                 |   |
|-----------------|---|
| <b>Remarks:</b> | The position of the summit is located in (27°52.76'N, 152°19.40'E). |
|-----------------|---|

**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)<br>4, Quai Antoine 1er<br>B.P. 445<br>MC 98011 MONACO CEDEX<br>Principality of MONACO<br>Fax: +377 93 10 81 40<br>E-mail: <a href="mailto:info@ihb.mc">info@ihb.mc</a> | Intergovernmental Oceanographic Commission (IOC)<br>UNESCO<br>Place de Fontenoy<br>75700 PARIS<br>France<br>Fax: +33 1 45 68 58 12<br>E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> |
|--|--|

### Personal history of the late Dr. Motoyoshi Oda

**Given name:** Motoyoshi

**Family name:** Oda

1946 Born

October 2015 Deceased

#### Education

1974 PhD, Tohoku University

#### Professional carrier:

1976-1986 Assistant Professor, Tohoku University

1986-1993 Associate Professor, Kumamoto University

1993-2000 Professor, Kumamoto University

2000-2009 Professor, Tohoku University

#### Remarks:

He was a paleontologist majoring planktonic foraminifera. He contributed to paleo-oceanography in Japan, focusing on paleo-environmental study of the Western Pacific and the Kuroshio Current area. In his later career, he worked for IODP (Integrated Ocean Drilling Program, currently International Ocean Discovery Program), as a steering committee member.

#### List of selected publications:

**Oda, M.**, Planktonic foraminiferal biostratigraphy of the Late Cenozoic sedimentary sequence, Central Honshu, Japan, *Science Reports of the Tohoku University, 2<sup>nd</sup> Ser. (Geology)*, 48, 1-72, 1977.

**Oda, M.** and M. Yamasaki, Sediment trap results from the Japan Trench in the Kuroshio domain: seasonal variations in the planktic foraminiferal flux, *Journal of Foraminiferal Research*, 35, 315-326, 2005.

Sato, K., **M. Oda**, S. Chiyonobu, K. Kimoto, H. Domitsu, and J.C. Ingle, Establishment of the western Pacific warm pool during the Pliocene: Evidence from planktic foraminifera, oxygen isotopes, and Mg/Ca ratios, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 265, 140-147, 2008.

Takayanagi, Y., T. Saito, H. Okada, K. Ishizaki, **M. Oda**, S. Hasegawa, H. Okada, and S. Manickam, Mid-Quaternary Paleoceanographic Trend in Near-shore Waters of the Northwest Pacific: A Case Study Based on an Offshore Well, *Science Reports of the Tohoku University, 2<sup>nd</sup> Ser. (Geology)*, 57, 105-137, 1987.

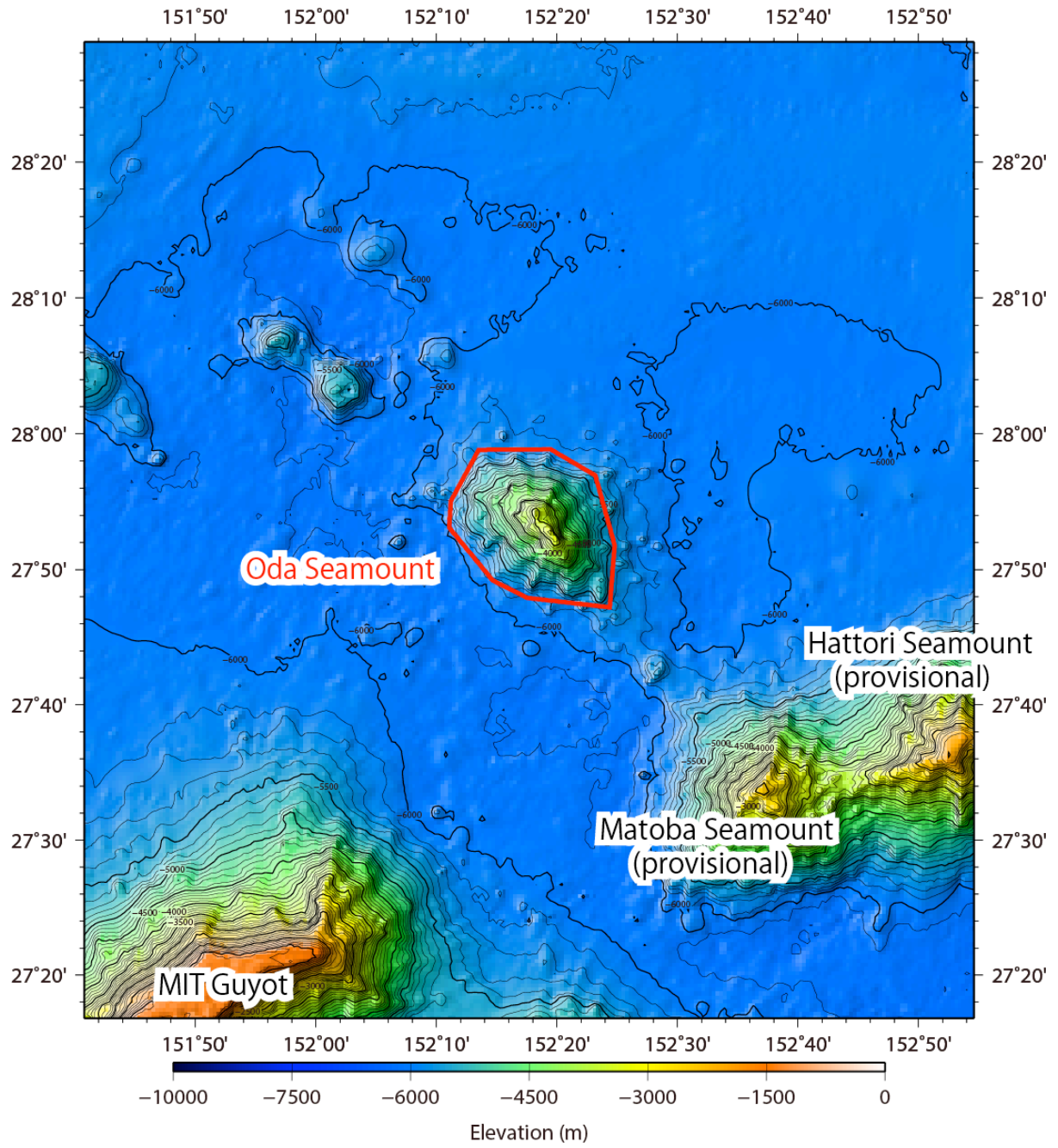


Fig. 1. Bathymetric map of the Oda Seamount. Contours are in 100 m.

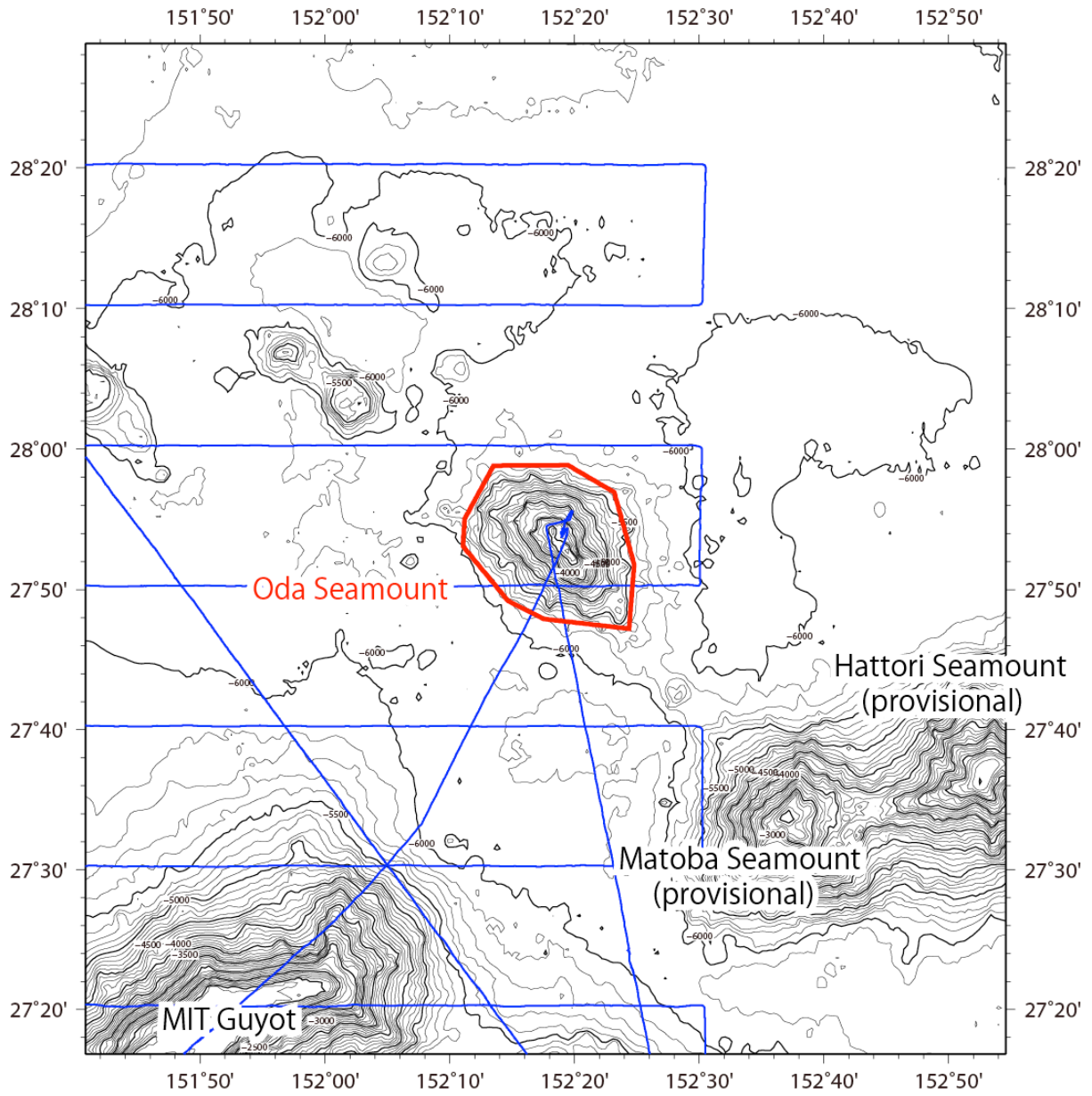


Fig. 2. Bathymetric map of the Oda Seamount, shown with track lines. Contours are in 100 m.

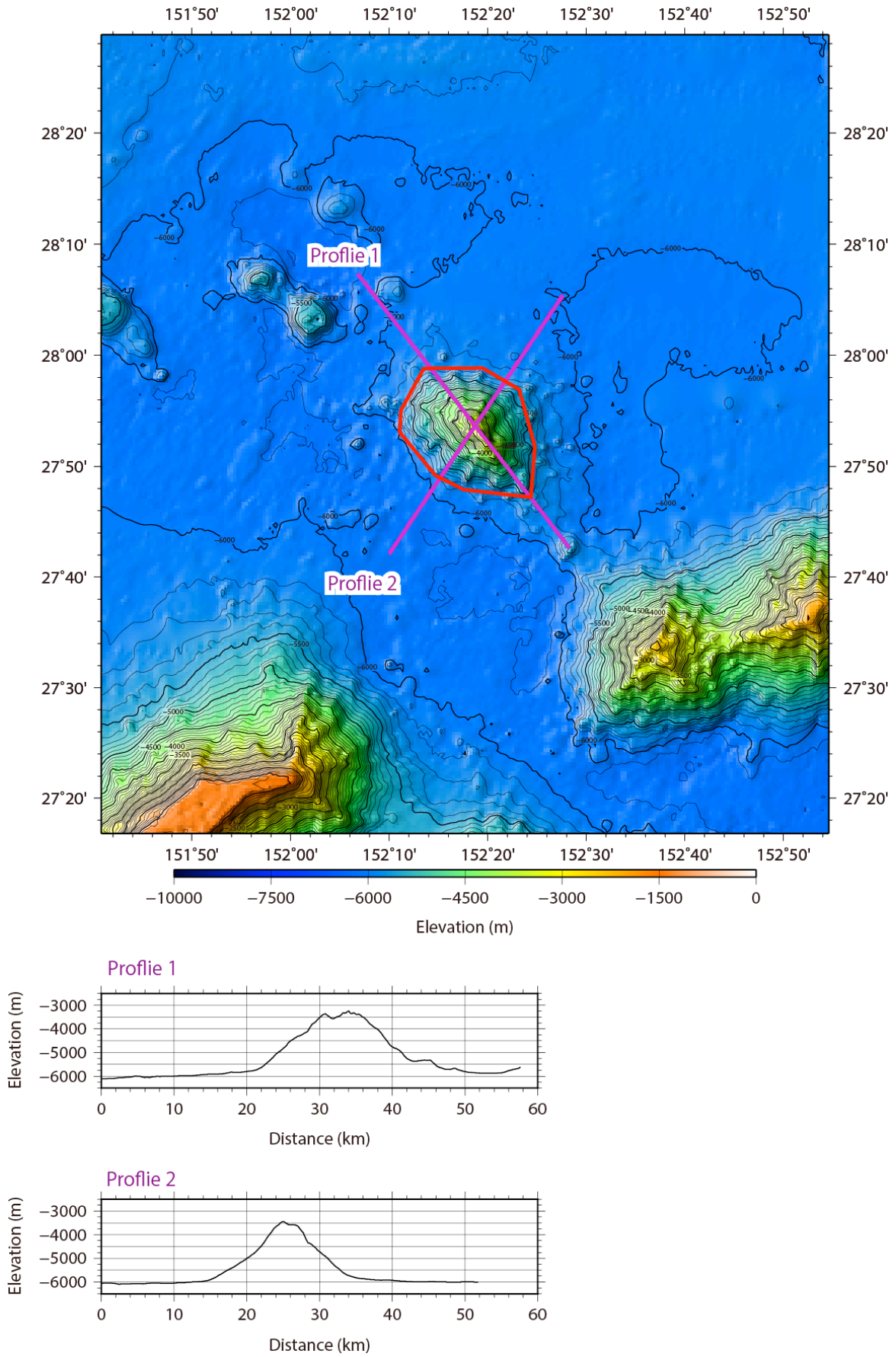


Fig. 3. Bathymetric profile across the Oda Seamount.