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| <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> | Suda Guyot | <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> | 22°00.63'N (summit)   | 159°22.74'E (summit)    |
|                     | 22°40.26'N            | 159°08.15'E             |
|                     | 22°47.02'N            | 159°25.37'E             |
|                     | 22°47.45'N            | 159°40.62'E             |
|                     | 22°45.14'N            | 159°49.87'E             |
|                     | 22°34.26'N            | 159°59.98'E             |
|                     | 22°16.62'N            | 160°01.07'E             |
|                     | 21°51.00'N            | 159°47.11'E             |
|                     | 21°50.23'N            | 159°17.13'E             |
|                     | 21°52.14'N            | 159°01.14'E             |
| 22°15.84'N          | 158°51.76'E           |                         |
| 22°35.29'N          | 159°01.39'E           |                         |

|                             |                 |                 |                  |                               |
|-----------------------------|-----------------|-----------------|------------------|-------------------------------|
| <b>Feature Description:</b> | Maximum Depth:  | 5300 m in depth | Steepness :      |                               |
|                             | Minimum Depth : | 1220 m in depth | Shape :          | Slightly elongated and lobate |
|                             | Total Relief :  | 4080 m          | Dimension/Size : | 50 km x 80 km                 |

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

|                              |                             |    |
|------------------------------|-----------------------------|----|
| <b>Chart/Map References:</b> | Shown Named on Map/Chart:   |    |
|                              | Shown Unnamed on Map/Chart: |    |
|                              | Within Area of Map/Chart:   | W1 |

|  |  |
|--|--|
| <b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named): | It is named after an distinguished oceanographer and the 27th chief hydrographer Kanji Suda. |
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|                         |                                |                                    |
|-------------------------|--------------------------------|------------------------------------|
| <b>Discovery Facts:</b> | Discovery Date:                | 2000                               |
|                         | Discoverer (Individual, Ship): | The Japanese survey vessel "Shoyo" |

|  |                     |  |
|--|---------------------|--|
| <b>Supporting Survey Data, including Track Controls:</b> | Date of Survey:     | Oct. – Nov. 2000<br>Feb. – Mar. 2001   |
|  | Survey Ship:        | The Japanese survey vessel "Shoyo"     |
|  | Sounding Equipment: | Multibeam echo sounder<br>Seabeam 2112 |
|  | Type of Navigation: | GPS without SA                         |

|  |  |                 |
|--|--|-----------------|
|  | Estimated Horizontal Accuracy (nm):                                      | 0.014 nm (26 m) |
|  | Survey Track Spacing:  | See Fig. 2.     |
|  | Supporting material can be submitted as Annex in analog or digital form. |                 |

|                     |   |   |
|---------------------|---|---|
| <b>Proposer(s):</b> | Name(s):  | JCUFN   |
|                     | Date:   | May 16, 2014  |
|                     | E-mail:   | chart@jodc.go.jp  |
|                     | Organization and Address:                           | Hydrographic and Oceanographic Department, Japan Coast Guard Aomi 2-5-18, Koto-ku, Tokyo, Japan |
|                     | Concurrer (name, e-mail, organization and address): |   |

|                 |  |
|-----------------|--|
| <b>Remarks:</b> |  |
|-----------------|--|

**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. Kanji Suda

**Given name:** Kanji

**Family name:** Suda

1892 Born in Gunma, Japan

1976 Deceased

### **Education**

1921 Tohoku Imperial University

### **Professional carrier:**

1921 Joined Kobe Oceanographic Observatory, Japan Meteorological Agency

1946-1958 Chief Hydrographer, Japan Hydrographic Department

1962 The first dean of the Department of Oceanography, Tokai University

**Remarks:** He was a pioneering oceanographer who published a text book “Physical Oceanography (written in Japanese)” in 1932, and a huge-volume text book, “Oceanographic Science (written in Japanese)” in 1949. He had been the Chief Hydrographer, working right after the World War II. Beginning in 1995, he made great efforts in conducting international cooperative oceanographic projects, known as NORPAC, EQUAPAC and IGY (International Geophysical Year).

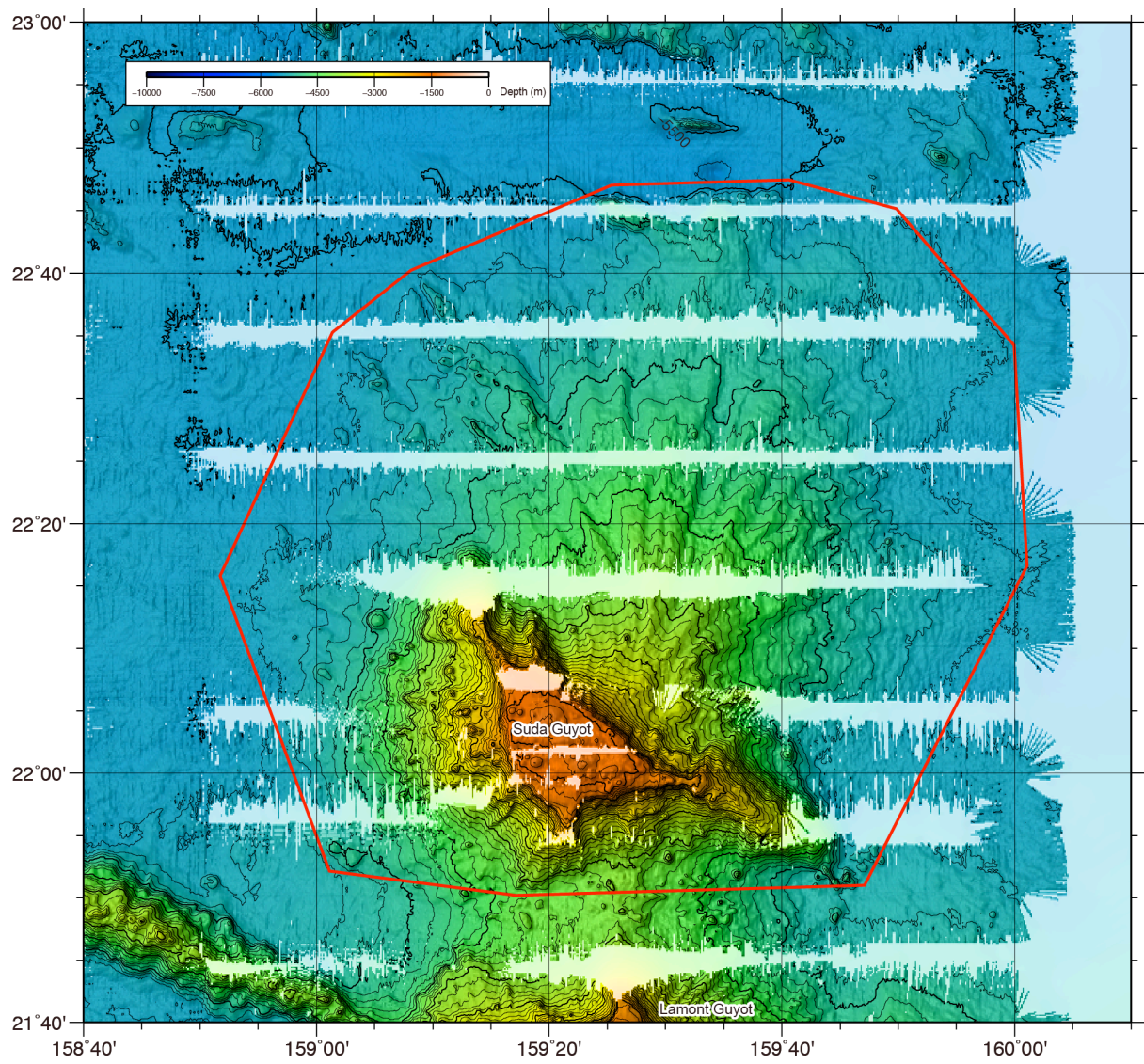


Fig.1. Bathymetric map of the Suda Guyot. The bathymetric contour interval is 100 m.

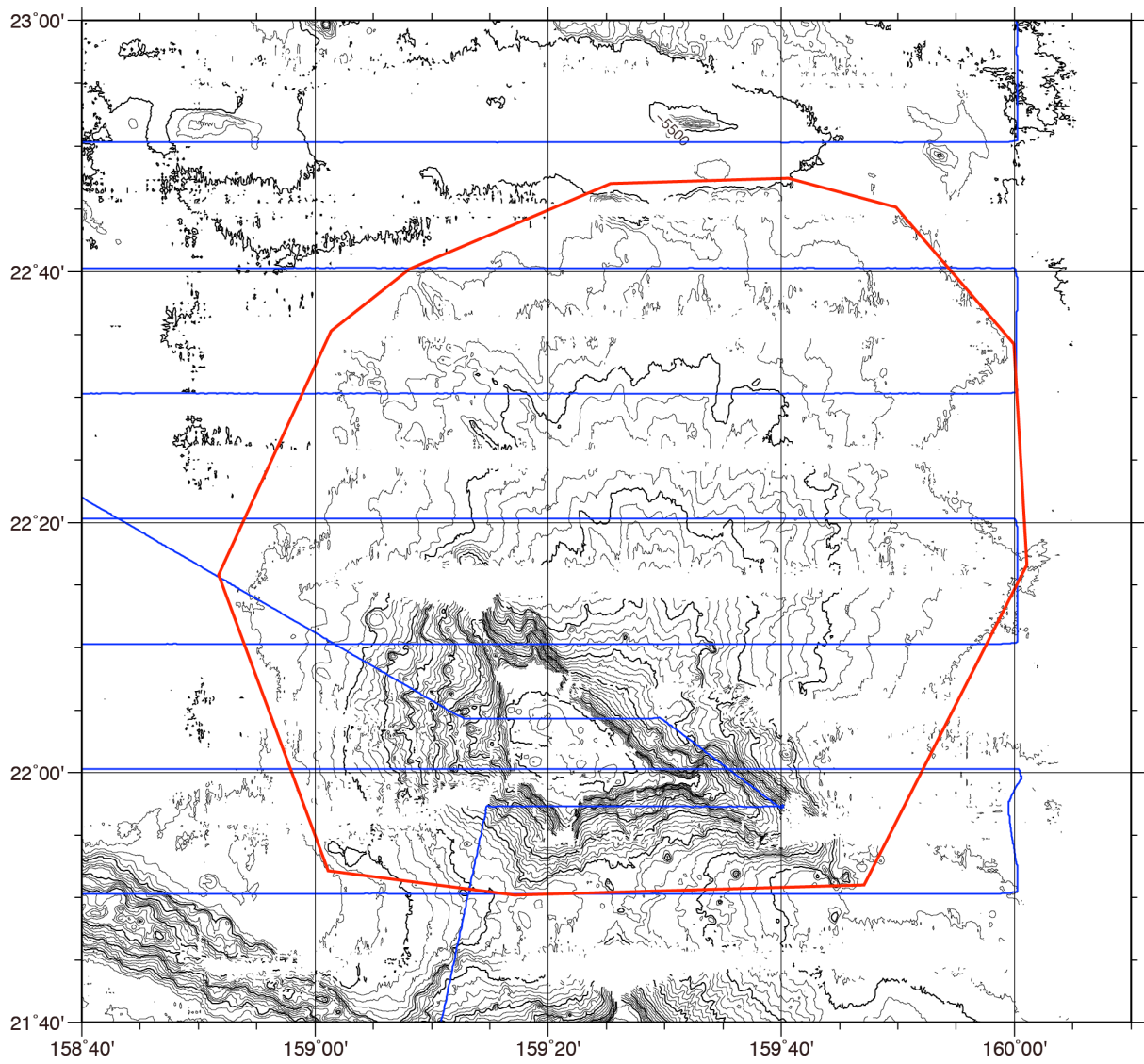


Fig.2. Bathymetric map of the Suda Guyot, showing track lines. The bathymetric contour interval is 100 m.

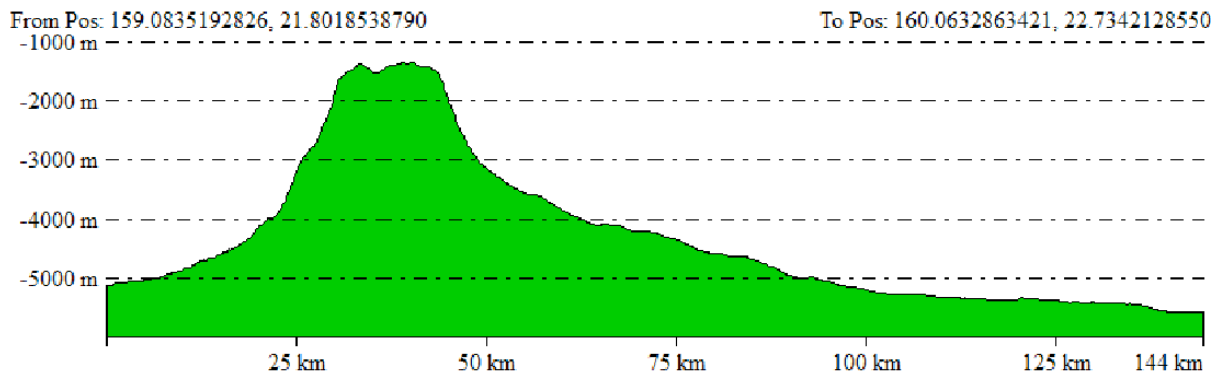
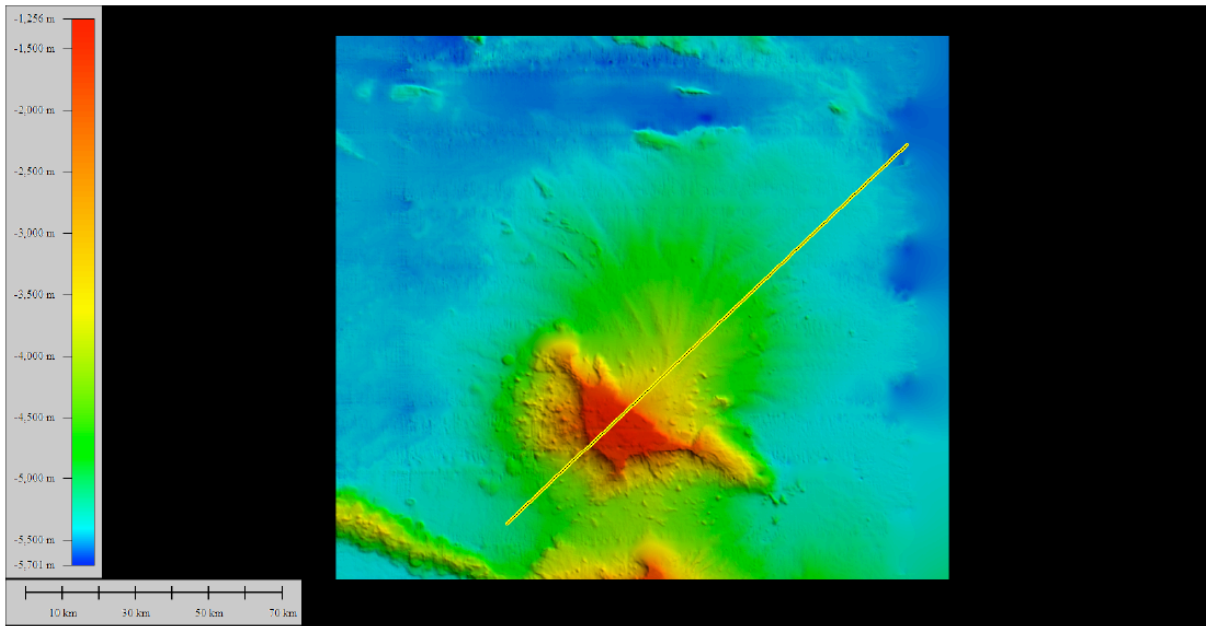
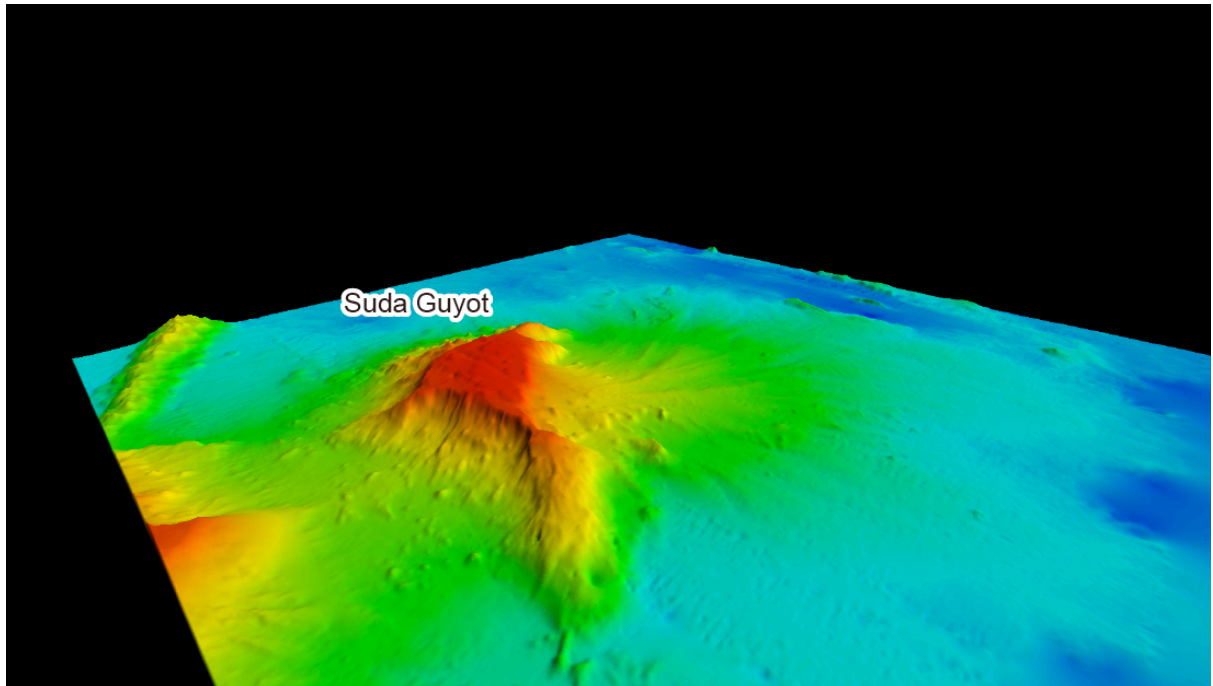


Fig.3. 3D image of the Suda Guyot with a bathymetric profile.