

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea: [East Sea](#)

Name Proposed: [Jugam Seamount Chain](#)

Coordinates: A – of midpoint or summit: Lat. [38° 13' N](#) Long. [131° 18' E](#)
[90](#) kilometres in [NE](#) direction from [Ulleung Do](#) ('Do' means Island)

B – extremities (if linear feature):

Lat. [38° 10' N](#) to Lat. [38° 26' N](#)
Long. [131° 11' E](#) Long. [131° 43' E](#)

Description (kind of feature): [Seamount Chain](#)

Identifying or categorizing characteristics (shape, dimensions, total relief, least depth, steepness, etc.):

[Jugam Seamount Chain](#) is located in the middle part of [Ulleung Plateau](#). The feature is an elongated seamount chain in NE-SW Direction. The summit has an irregular topographic relief with 4 seamounts. General shape is a linear alignment of 4 discrete seamounts. The least depths for the summit of 4 seamounts are 879m, 952m, 1,171m and 1,245m, respectively.

Associated features:

Chart reference:

Shown with name on chart No. _____

Shown but not named on chart No. [102A](#) (scale 1:0.75 mln), [138](#) (1:0.5 mln) and [B4623](#) (Bathymetric chart, 1:0.5mln) Published by Korea

Not shown but within area covered by chart No. _____

Reason for choice of name (if a person, state how associated with the feature to be named):

[Jugam](#) is a place name of the nearest village on northernmost [Ulleung Do](#), the island nearest to [Jugam Seamount Chain](#).

Discovery facts:

Date: [Apr. ~ Nov. 1997](#) **by (ship):** [Haeyang 2000](#)

By means of (equipment): [Multi-Beam Echosounder \(SeaBeam 2100\)](#)

Navigation used: [DGPS \(Trimble DGPS 4000DS\)](#)

Estimated positional accuracy in nautical miles: [± 0.0027 miles](#)

Description of survey (track spacing, line crossings, grid network, etc.):

[The line spacing of survey tracks was less than 400 m in order to ensure 100 % coverage of our multi-beam system.](#)

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.):

[Gravity and magnetic surveys were also conducted.](#)

Supporting material (enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any):

[See attached bathymetric maps, 3-D image maps, and survey track chart.](#)

Submitted by: The Korea Committee on Marine Geographical Names, Republic of Korea

Date: April 25, 2008

Address: 1-17, 7-ga Hang-dong, Jung-gu, Incheon, 400-800, Republic of Korea

Tel : +82 32 885 3825

Fax : +82 32 885 3088

Concurred in by (if applicable):

National Authority (if any): National Oceanographic Research Institute

Address: 1-17, 7-ga Hang-dong, Jung-gu, Incheon, 400-800, Republic of Korea

Tel : +82 32 885 3825

Fax : +82 32 885 3088

Note: this form should be forwarded, when completed:

a) If the undersea feature is located in territorial waters :-

to your "National Authority of Undersea Feature Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below) ;

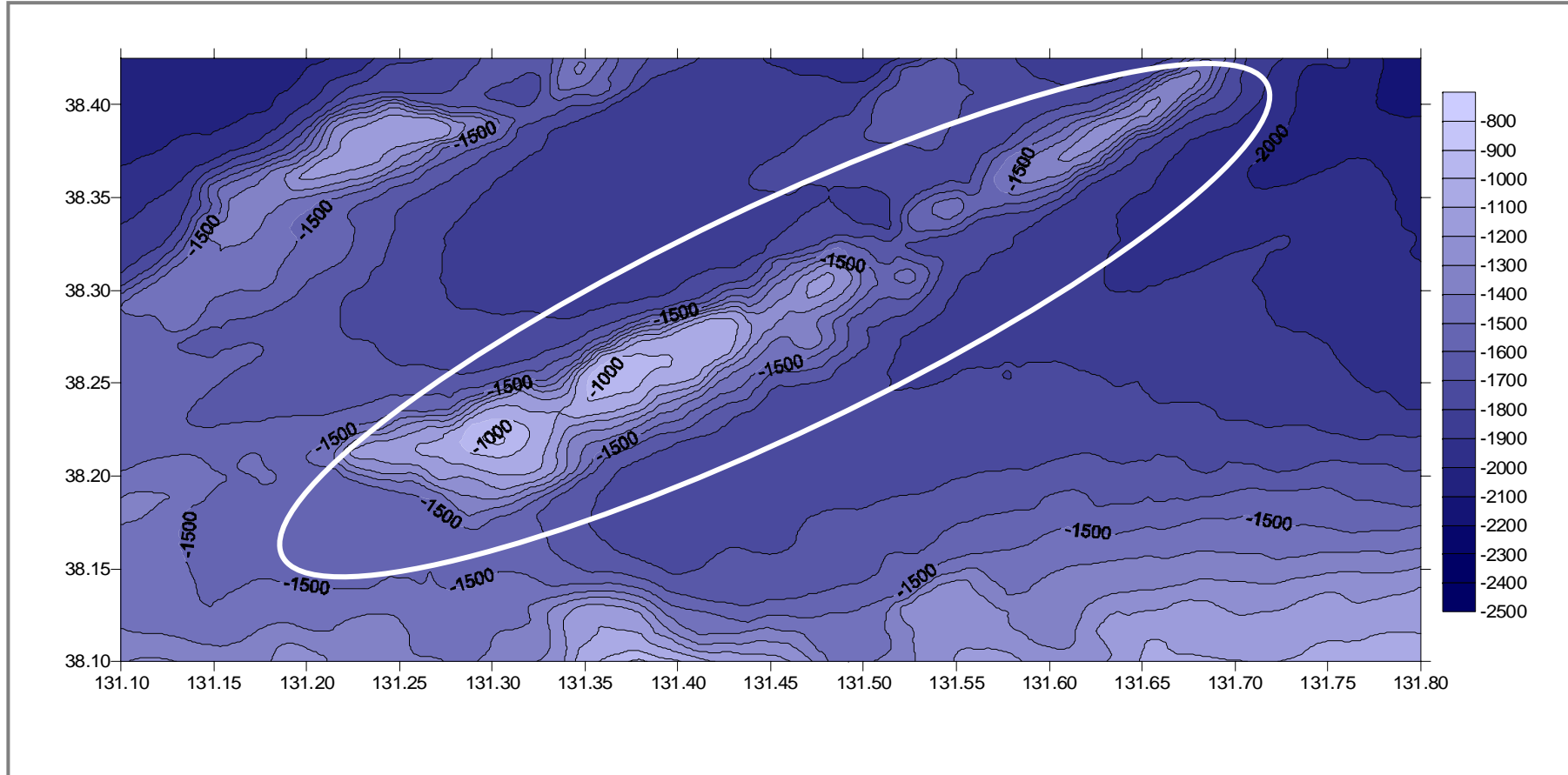
b) If the undersea feature is located in international waters :-

to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission, at the following addresses :

International Hydrographic Bureau
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

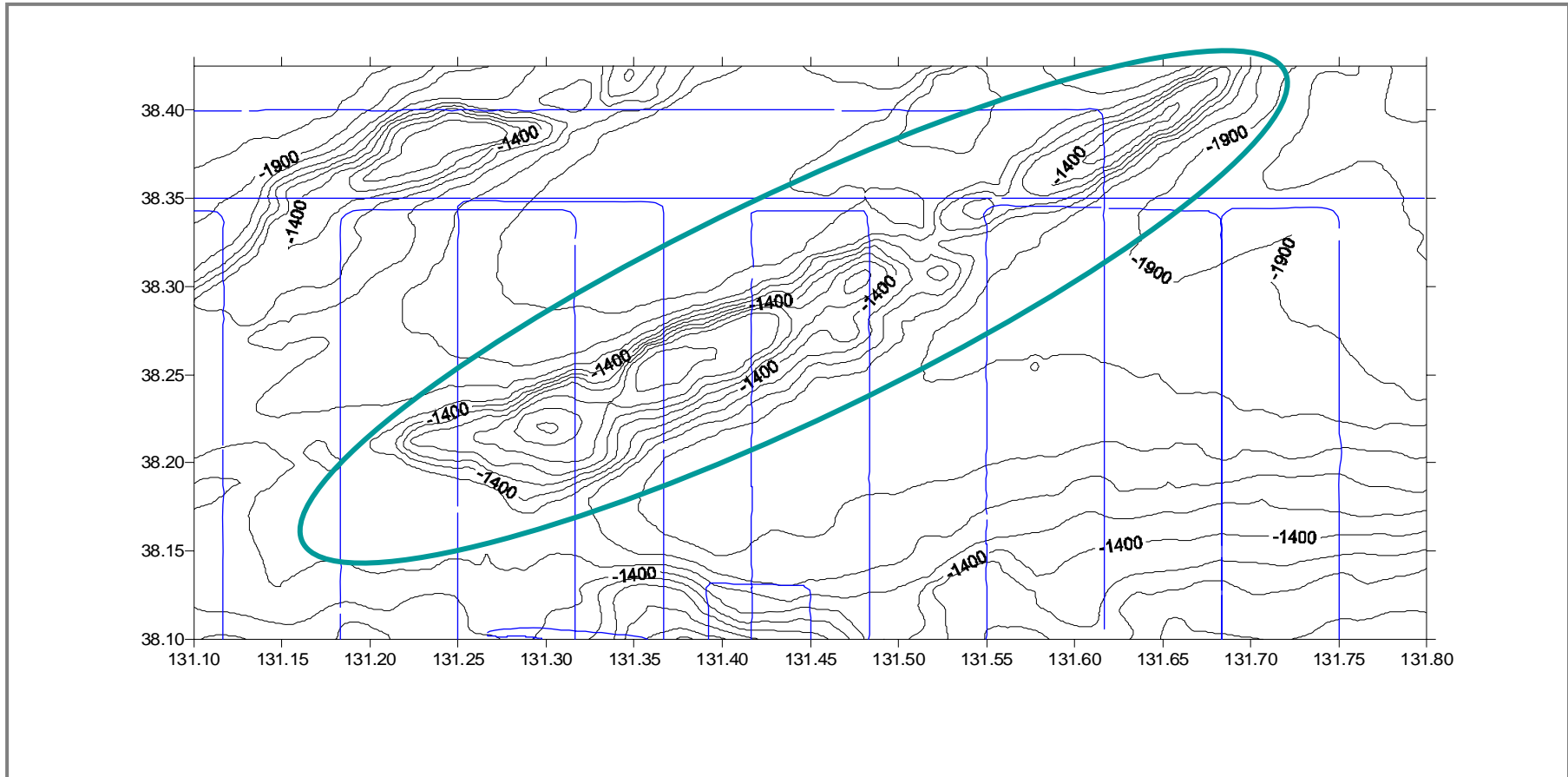
Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail: info@unesco.org

Jugam Seamount Chain



Bathymetric contour map of Jugam Seamount Chain(Contour interval : 100 m)

Jugam Seamount Chain



The track lines in survey area

Jugam Seamount Chain

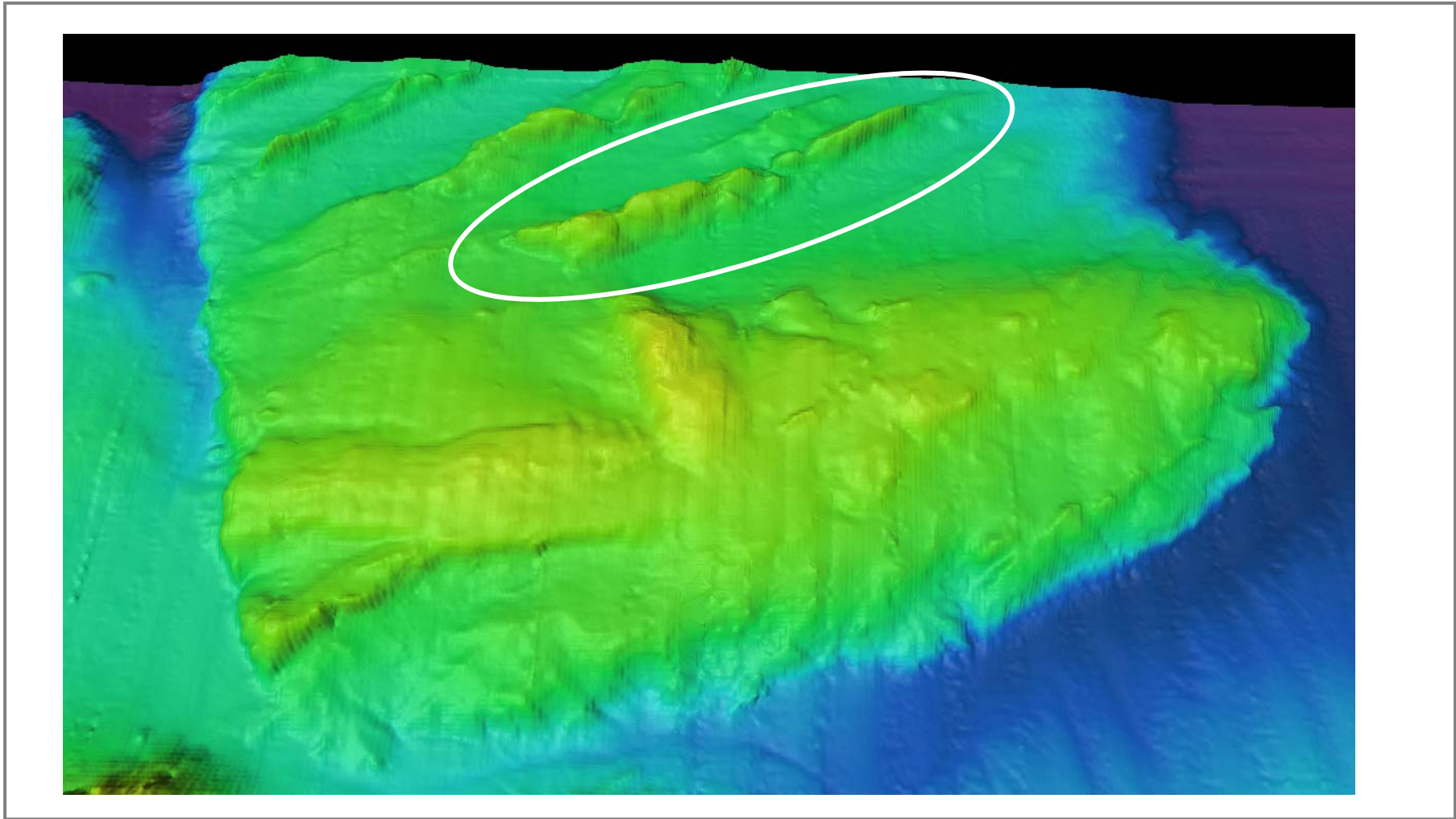


Image map of Jugam Seamount Chain

Jugam Seamount Chain

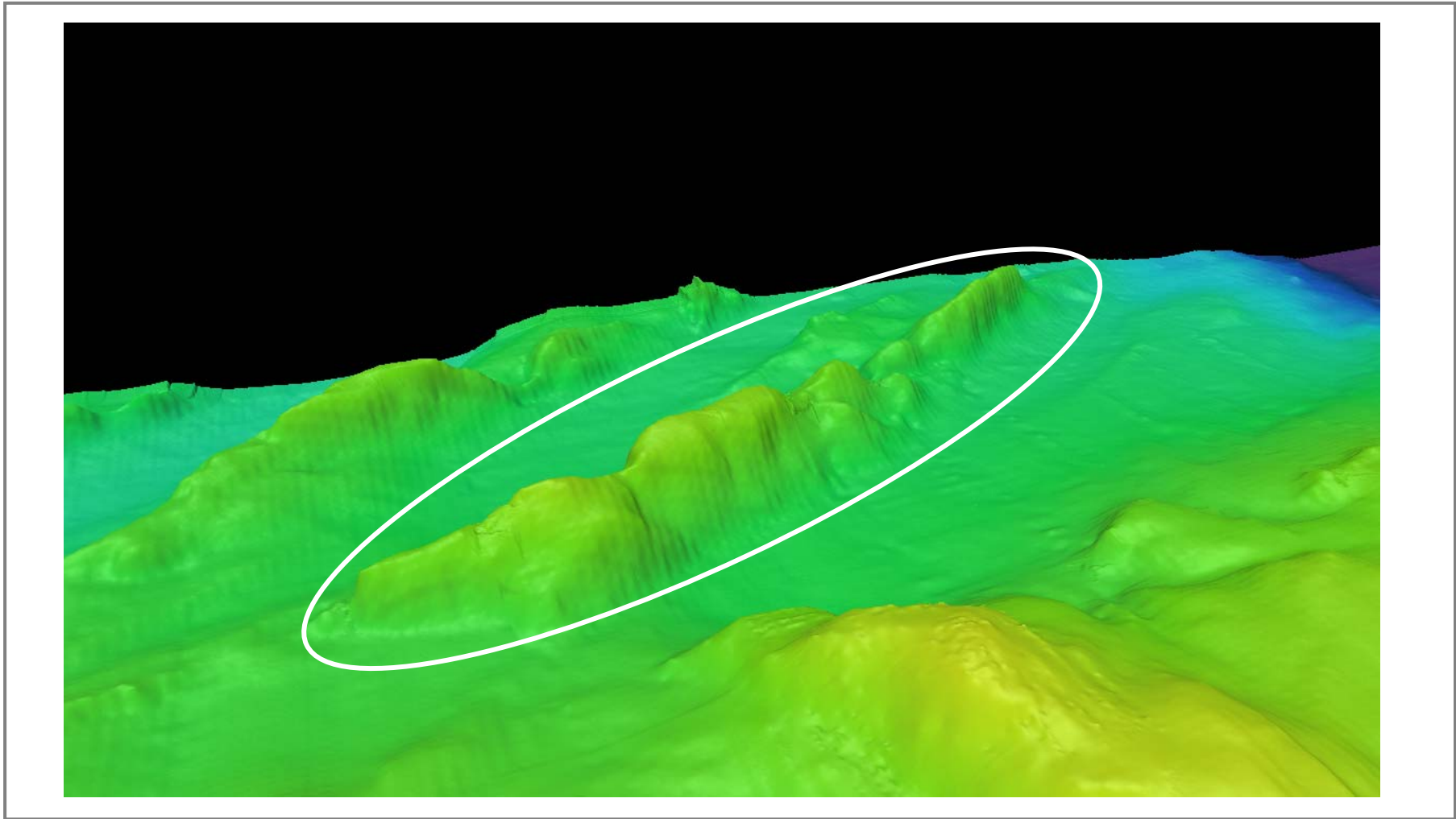


Image map of Jugam Seamount Chain

Jugam Seamount Chain

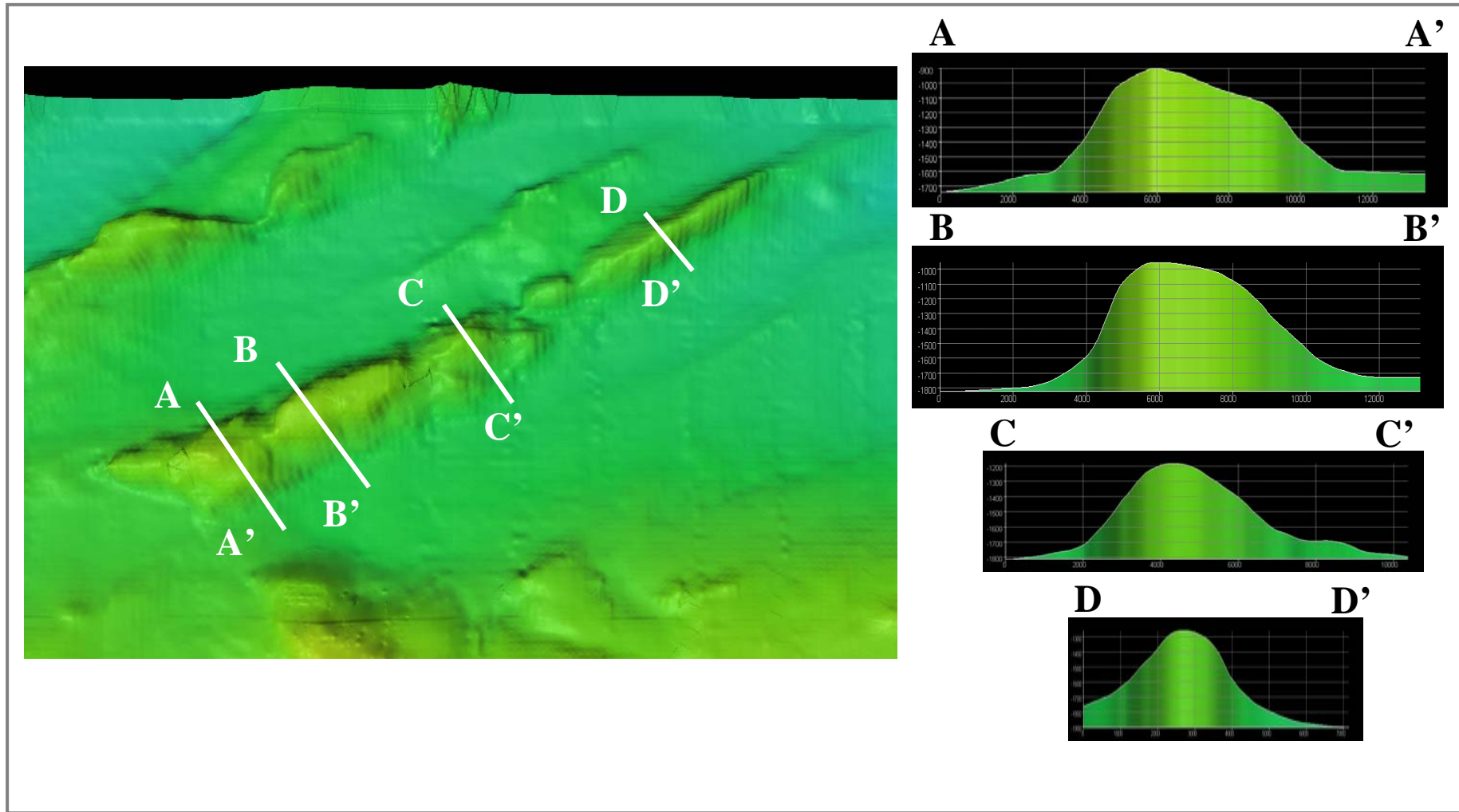


Image map and profile across Jugam Seamount Chain