

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea North Pacific Ocean Name proposed CBF Rise

Coordinates : A - of midpoint or summit : Lat. _____, Long. _____

_____ kilometres in _____ direction from _____

and/or B - extremities (if linear feature) :

Lat. 14-00N } to { Lat. 16-00N
Long. 133-50E } to { Long. 133-50E

Description (kind of feature) : rise

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

CBF Rise is located at the junction of CBF Rift and Kyushu-Palau Ridge. It consists of two deformed-rectangular-shaped bathymetric highs. The least depth is ~ 3500 m, and the maximum relief is ~ 2000 m.

Associated features : Philippine Basin, CBF Rift

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No. _____

Not shown but within area covered by chart No. Japanese Chart No. W1004A

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

The name "Central Basin Fault" is the widely accepted name in the science community. The abbreviated version, "CBF" is also widely accepted by the science community.

Discovery facts :

Date October-November, 1995, December, 1995, March 1997, June-July, 1997, December, 2006 by (individuals or ship) The Japanese survey vessel "Takuyo" and "Shoyo"

By means of (equipment) : Multi-beam Echosounders SEABEAM 2100, SEABEAM 2112

Navigation used : GPS

Estimated positional accuracy in nautical miles : +/- 30m

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

Primary track lines were E-W with track spacing at 7 miles.

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

Seafloor samplings by a wire-line rock drill were also performed by the Japanese Continental Shelf Survey.

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

Submitted by : **Japanese Committee on Undersea Feature Names** _____

Date : **8 June 2007** _____

Address : **5-3-1 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan** _____

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : **Japanese Committee on Undersea Feature Names** _____

Address : **5-3-1 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan** _____

NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located in territorial waters :-**
to your "National Authority for Approval 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 1^{er}
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

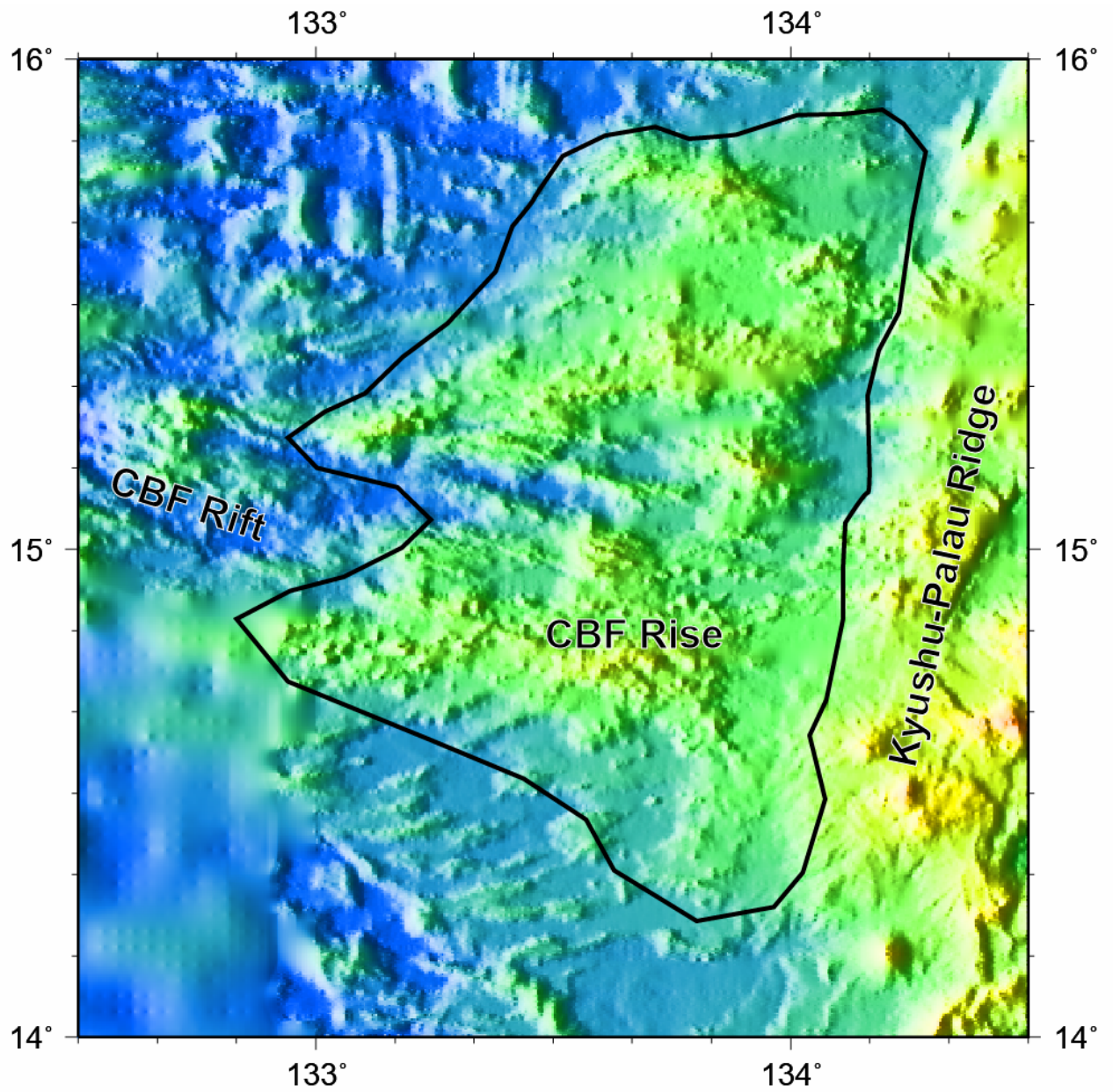


Fig. 1. Shaded color bathymetric map of the CBF Rise region. The area for CBF Rise is enclosed by thick line. Color scale is as same as the Index map shown in the proposal for Amami Sankaku Basin.

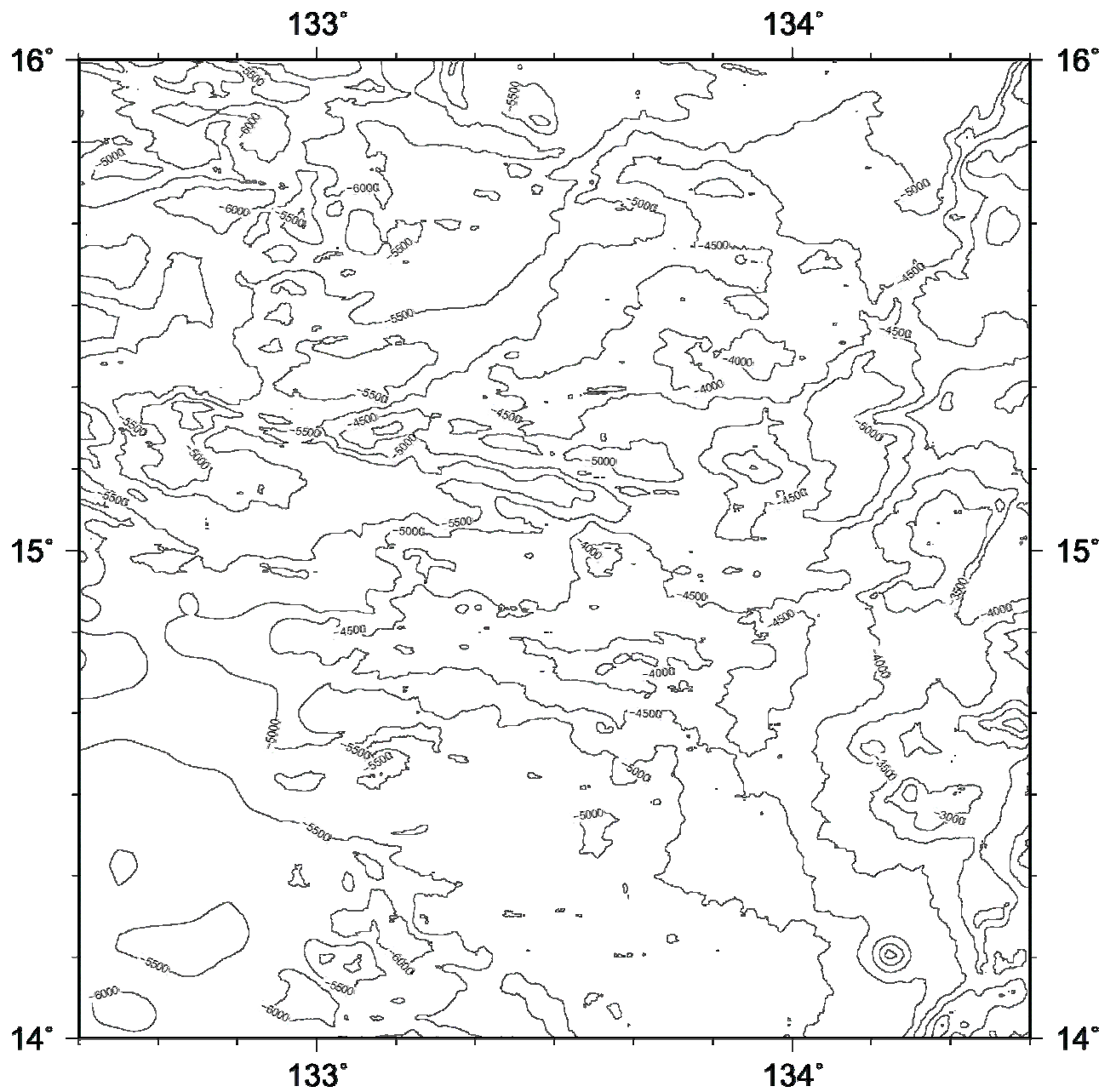


Fig. 2. Bathymetric map of the CBF Rise region. Contours in 100 m.