

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea _____ Pacific _____ Name proposed Lucky Star Ridge _____

Coordinates : A - of midpoint or summit : Lat. 21°43.5'N _____ , Long. 126°49.6'E _____

_____ 611 kilometres in _____ ESE direction from Taiwan _____

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

Lat. 22°46.0'N _____

Long. 126°56.5'E _____

} to {

Lat. 21°40.0'N _____

Long. 126°47.8'E _____

Description (kind of feature) : Volcanic seamount ridge. _____

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

Minimum depth 4460 meters. Maximum depth 5900 meters. Side slopes range from 11° to 30°. The shape is round.

Associated features : _____

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No. Chart VS5014 of VSNL-IA cable route survey. _____

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) : The cable ship Tycom Reliance was recovering a cable on the feature. The hard seabed conditions broke the cable several times and it took 3 days to recover the cable. After three days the skys cleared and a bright star appeared above the stern just before we recovered the graps to the surface, which we called our Lucky Star. _____

Discovery facts :

Date October 2007 _____ by (individuals or ship) SV Fugro Gauss _____

By means of (equipment) : SYS 100 _____

Navigation used : Starfix VBS _____

Estimated positional accuracy in nautical miles : 10 meters _____

Description of survey (track spacing, line crossing, grid network, etc.) : _The survey was one line, 10 km in width for an undersea telecommunications cable. _____

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

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

Submitted by : Thomas J. Osborne_____

Date : __28 June, 2008_____

Address : _14 Beavers St. High Bridge, New Jersey 08829 USA_____

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : _____

Address : _____

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