

UNITED STATES BOARD ON GEOGRAPHIC NAMES

UNDERSEA FEATURE NAME PROPOSAL

NAME PROPOSED: GPL Walker Seamount

LOCATION: Main Hawaiian Islands Archipelago

Ocean or Sea: North Pacific Ocean

Coordinates:

point feature or center point:.....Lat. 18° 06.0' N Long. 158° 13.0' W
linear feature (from):.....Lat. _____ Long. _____
linear feature (to-midpoint or turning point):..... Lat. _____ Long. _____
linear feature (to):..... Lat. _____ Long. _____
areal feature - Northeast corner:Lat. _____ Long. _____
- Southeast corner:.....Lat. _____ Long. _____
- Southwest corner:.....Lat. _____ Long. _____
- Northwest corner:.....Lat. _____ Long. _____

DESCRIPTION:

Feature type: Seamount _____ **Size and shape:** ~14 km in dia @ base, Conical
Depth (max. and min.): <2900 m to 4400 m **Steepness, etc.:** varies on flank _____
Associated features: Small rift zone on SE side extending toward Dutton Seamount just to the SE.

CHART OR MAP REFERENCE:

Name and feature shown on: _____
Feature shown but not named on: Hawaii multibeam synthesis chartlet HI-15920 &
NOAA charts 19010, 504

REASON FOR CHOICE OF NAME: After Dr. George P.L. Walker, world renowned volcanologist, 1926-2005.

George Walker studied and lived near many of the most volcanically active regions in the world throughout his lifetime. He passed away in the UK following retirement from his last post at the University of Hawaii at Manoa. He did not specialize in marine studies, but was a significant contributor to the field of Hawaiian volcanology and many of his ideas certainly touched on aspects of magmatic reaction with seawater.

The GNS search page does not have a "Walker Seamount" in it. However, the SBN Seamount Catalog at Earthref.org has a Walker Seamount listed at another location. Thus, the request for the name of 'GPL Walker Smt'.

DISCOVERY FACTS:

Date: Unknown **Discoverer (individual, ship):** Unknown, unknown
Sounding equipment used: Unknown multibeam sonar system **Navigation type:** GPS, assumed
Estimated horizontal accuracy: ±100 meters? **Track spacing, crossings:** 1-3 transit swaths over seamount

SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc.

SUBMITTED BY: Dr. John R. Smith Jr. (G.P.L.W. was a dissertation committee member)
Organization and address:
Hawaii Undersea Research Laboratory, 1000 Pope Rd., MSB 303, Honolulu, HI 96822 jrsmith@hawaii.edu

Please mail to:

Executive Secretary
US Board on Geographic Names
National Geospatial-Intelligence Agency
4600 Sangamore Road Mail Stop D-167
Bethesda MD 20816-5003
USA