

Various structures for activities of hotspots in the area south of the Shatsky Rise

Tsuyoshi Yoshida[1], Yukihiro Kato[2], Yasuhiko Ohara[3], Shigeru Kato[4]

[1] JHD, [2] Hydrographic Dept. of Japan, [3] Hydrographic Dept.of Japan, [4] Hydrographic Department of Japan

High-spatial-resolution bathymetric maps were obtained with the multibeam bathymetric survey system in about ten-square-degree area south of the Shatsky Rise, where the Marcus-Wake seamounts exist. The details of the various structures for the activities of the hotspots are revealed.