

МЕЛЕКЕСЦЕВ

**THE PECULIARITIES OF GEOMORPHOLOGY AND FORMATION HISTORY
OF THE VOLCANOLOGISTS MASSIF IN THE BERING SEA (THE NEW VERSION)**

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The paper proposes a new version of geological-geomorphological structure and formation history of the Volcanologists Massif, located in the Komandor basin of the Bering Sea. It is based on a bathymetric map, plotted in 2009 using the results from multi-beam echo-sounding from the research vessel «Zonne», as well as a partially revised material from the earlier geological-geophysical studies in this region. The paper shows that before formation of Piip Volcano, the Volcanologists Massif had been drastically transformed and destroyed by catastrophic magma-tectonic and landslide-explosive processes. The author revealed the parameters of the Volcanologists Massif, active Piip Volcano and newly discovered magmatic super flow, and estimated their age.

Keywords: Volcanologists Massif, Piip Volcano, magmatic superflow, catastrophic processes.