

**GEODYNAMICAL PECULIARITIES OF STRUCTURE-FORMING
IN ARCTIC AND POLAR ATLANTIC SPREADING RIDGES**

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The paper is dedicated to peculiarities of structure-forming in rift zones of ultra-slow spreading Reykjanes, Kolbeynsey, Mohns, Knipovich and Gakkel ridges. Each of them develops in specific geodynamical environment. Analyses of information covering structure-forming in rift zones of these ridges together with experimental studies let to distinguish key geodynamical factors defining morphology and formation of structures of their rift zones.

Keywords: ultra-slow spreading, structure-forming, relief, experimental studies.