

Preliminary analysis of the side scan sonar imagery -spreading style of the Knipovich Ridge, North Atlantic Ocean-

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Knipovich Ridge is an oblique spreading Mid Ocean Ridge that is located near the coast of svalbard. It is one of the world's slowest spreading centers. Analysis of high resolution side-scan sonar images shows unevenly distributed high and low backscatter areas which are interpreted as active volcanic centers and sedimented areas, respectively. Many faults cut across the sedimented areas, and some cut the active volcanos.