

THE MARCH 13, 2013 ILPYRSKOYE EARTHQUAKE $M_w = 5.8$ (THE NORTHERN KAMCHATKA): ABNORMAL LENGTH OF FOCAL ZONE AS AN ARTIFACT

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The article describes the sequence of aftershocks of the March 13, 2013 Ilpyrskoye earthquake, $M_L = 6.2$, $M_w = 5.8$ in the region of the Karaginsky Gulf (Northern Kamchatka). The unusual features of the aftershock sequence (the linearity of aftershock distribution and large size (~ 150 km) of this group of earthquakes) were revealed using primary processing. The analysis of seismic data and recalculation of hypocenters allows qualifying these anomalies as an artifact.

Keywords: earthquake, aftershock, hypocenter, linear structure, polarization analysis, artifact.