

Geomagnetic repeat stations network over the territory of Slovakia

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Abstract: The paper is devoted to choosing suitable sites for repeat stations of a new geomagnetic network. Six stations are planned to be established over the territory of Slovakia. This intention is in accordance with the agreement made during Workshop on European Magnetic Repeat Station Surveys (Niemegk, February 20th and 21st, 2003). The authors proposed to choose the points used in previous ground surveys with the time series of measured geomagnetic elements as long as possible, together with the small level of disturbances. Historical and recent values of geomagnetic field measured at these repeat stations are reviewed herewith.

Key words: magnetic field, secular variations, magnetic survey

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