



Croatian geomagnetic repeat stations survey of 2004

M. Brkic, **D. Sugar**, I. Peti

Institute of Geomatics, Faculty of Geodesy, University of Zagreb
(Mario.Brkic@geof.hr/Fax: +385 1 4828081)

The results of the first declination, inclination and total intensity survey of the Croatian Geomagnetic Repeat Stations Network that took place in the summer of 2004 are presented. The applied measurement procedures as well as instruments used are described. Repeat station data reduced to the epoch of the 2004.5 are given. Significant differences of the reduced data to the global model are found. Croatian geomagnetic field model of the 2004.5 is represented by means of the coefficients of the second order polynomial in latitude and longitude.