



*Systematization of the GPS-errors and multipath-effects in B&H CEGRN05, BIHPOS and SAPOS*

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In this paper the GPS errors are systematized and multipath effects were investigated on the CERGOP stations, several future BIHPOS (Bosnia and Herzegovina Positioning System) stations as well as on the all permanent referent stations in the SAPOS-Sachsen network using WaSoft/multipath software V. 3.3. Beside of that, correlation between the coordinates determination accuracy (by different software), and multipath indexes were investigated. Also, the rover initialisation time (using SAPOS HEPS network service), was investigated dependent on multipath index of reference station.