



LAND SURVEY OFFICE

EVRS 2007 REALIZATION IN THE CZECH REPUBLIC; FIRST APPROACH

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GEODETIC CONTROL



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- Baltic after Adjustment
 - Inaccurate gravity data (-13.85 mGal)
 - Unsuitable normal gravity field (Helmert's spheroid)
 - Outdated vertical datum (Kronstadt)
 - Mean-tide system
 - Approximate computing relations



- EVRS 2007 Realization (1)
 - New definition
 - Based on geopotential numbers
 - New vertical datum
 - GRS80 gravity field
 - Zero tide system
 - New processing
 - Modified input data (gravity, coordinates)
 - New computing relations



- EVRS 2007 Realization (2)
 - Trial computation
 - Future

More details in the poster section

Thank you for attention !