



Rapid solution in CZECH campaign

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Local Analysis Centre of Geodetic Observatory Pecny (LAC GOP) carries out long time processing of observations from the most of Czech GNSS permanent sites in so-called CZECH campaign. In year 2009, a new processing using rapid orbits was started. The main purpose of the processing is to check stability of involved permanent sites in reasonable time after observation (till next morning) to ensure sites' stability in national reference frame for land surveying.

Several months of parallel processing shows that stability of the rapid solution is comparable with standard post-processing.

This paper summaries comparison of rapid and post-processing solutions and tests of long time stability based on combination of these two solutions, especially to detect changes of sites' position with minimum delay.