

Combination of the Analysis Centers reprocessed "SINEX" solutions
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A test campaign using data from 1999/12/26 to 2000/05/06 (GPW weeks 1042 - 1060) was processed by 5 analysis centers (esa, mit, ngs, pdr, sio). The original combination included the station coordinates, the Earth Rotation parameters (ERPs) and the implicit apparent geocenter. In a first part, a summary of the analysis of the test campaign will be presented. The results showed that some ACs do include unremovable constraints. This had also been observed and accounted for in the combination of the weekly SINEX products.

In a second part, the results of the combination of the first IGS reprocessing starting at 2007/12/28 (GPS week 1459) and going backward in time will be presented. Very recently, 5 ACs (es1, gf1, mi1, ng1, pd1) have started contributing their solutions. The results of the weekly combination of the contributing ACs available at the time and for as many weeks as possible will be presented. Those will include the station coordinates, ERPs and geocenter estimates and residuals. Comparisons between the contributing ACs and with respect to the IGS official products will also be presented.