



Common clock check and combination of co-located space geodetic techniques during CONT14

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In order to analyze different technique data in one single analysis software, i.e. the Vienna VLBI Software (VieVS), we compute GNSS single differences between the ranges from two stations to a satellite, using phase measurements with most of the errors corrected by the c5++ software. With VieVS, we estimate site common parameters, i.e. zenith wet delays, troposphere gradients and clock parameters, applying inter-technique constraints as well as station coordinates. Applying common clock constraints depends on sharing and/or performance of the same clock during the sessions; which we assess by comparing the clock rates. For the station coordinates at the co-located sites, local tie vectors are introduced as fictitious observations. In this poster, we present the comparison results between the combination solutions and the single technique solutions in terms of station position repeatability to check combination performance during 15-day CONT14. In addition, we show a comparison of clock-rates at co-location sites.