

Global solutions of VLBI experiments data

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Geographical Survey Institute(GSI) has performed monthly international / weekly domestic VLBI observations as 24H session and has participated in 1H session for estimation of UT1 every weekend. These observed data are analyzed in analysis center at IVS (International VLBI Service for Geodesy and Astrometry), is international organization of VLBI. Those data are accumulated and managed. We can evaluate Earth Orientation Parameter(EOP) and accurate position coordinate and velocity field of VLBI stations by global solutions of the accumulated data in IVS.

GSI has downloaded the accumulated since 1979 data and has performed global analysis. We report the analysis conditions and results of our solution, then consider for analysis in future.