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Local tie between VLBI and GPS at Tsukuba site and contribution to ITRF2008

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<http://vldb.gsi.go.jp/sokuchi/vlbi/ja/>

There are two space geodetic stations; VLBI and GPS about 300 meters apart at Geographical Survey Institute in Tsukuba, Ibaraki pref. In the past, two local tie surveys have been conducted in 2001 and 2008. This time, the data of the survey in 2008 was analyzed and the coordinates of VLBI, GPS and several pillars were calculated in the geocentric coordinate. In this presentation, overview of the local tie survey, calculation, comparison with the result of 2001 and contribution to ITRF2008 will be reviewed.