

The Domestic VLBI Connection Observation (Japan-Ties)

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

Kashima VLBI station (26m) has been the reference for geodetic VLBI observations in Japan. However Kashima 26m is an old antenna and the performance is not rated high in the world VLBI standard. As a station to replace Kashima 26m, GSI established Tsukuba VLBI station (32m) in 1998. The domestic VLBI connection observation (Japan-Ties) is intended to perform a high precision coordinates combination of Tsukuba 32m, Kashima 26m and Kashima 34m required by IVS. Based on this result the responsibility of international VLBI observation is taken over to Tsukuba 32m from Kashima 26m.