

## RTK-GPS experiment with VRS system

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GSI(Geographical Survey Institute) is planning to establish real time GPS positioning data service utilizing GEONET. We introduced a new experimental system for real time GPS data service, which is using "VRS(Virtual Reference Station)" concept. VRS is a technique to realize RTK-GPS positioning with several reference stations, which exist as far as 30km or more distant place from the rover observation site. Experimental observation was carried out from January to February 2001. The result was positive to establish the real time GPS data service for RTK-GPS positioning.

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