



New Geodetic VLBI Data Source and its Applications

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The International Earth Rotation and Reference Systems Service Rapid Service / Prediction Center (RS/PC) is exploring the use of new data inputs to provide possible improvements in its combination and prediction process. One of these is the series of daily, one and a half hour UT1-UTC observations from the Very Long Baseline Array (VLBA) operated by the U.S. National Radio Astronomy Observatory. Since the current daily VLBI results depend on the availability of just a few radio telescopes, (typically, Wettzell, Tsukuba, Kokee, and Ny-Ålesund) an additional independent series provides backup and a possible improvement in overall precision. The accuracy and availability of these VLBA data is assessed to determine their potential for future applications.