

The local tie at RAEGE stations

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The International Terrestrial Reference Frame (ITRF) is based on 4 Geodetic Techniques: GNSS, VLBI, SLR and DORIS. ITRFs need an accurate determination of the vector between the Invariant Referent Points (IRP) of each technique in co-location, through what is called local tie. Classical survey techniques and GNSS observations are needed to obtain the vector that connects all IRPs of the geodetic infrastructure.

In this poster it will be presented the local tie planning at two RAEGE stations: Yebes (Spain) and Santa Maria (Azores) according to the new ITRF standards. The planning will include the new SLR station at Yebes.