



Operational production of multi-technique EOP values and Geodetic Excitation Functions at ASI-CGS

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ASI-CGS routinely generates geodetic excitation functions from its own estimation of EOP values (SLR, GPS, VLBI), stacked and compared with the atmospheric excitation functions available at the IERS SBAAM. In particular, the daily geodetic excitation functions from SLR EOP are produced every Tuesday, as an operational product, along with the operational weekly ASI SLR solution. The estimated geodetic excitation function time series available are presented, analysed and compared to the relevant atmospheric excitation functions, deriving, whenever possible, quantitative indicators on the quality of the estimates. The similarities and the discrepancies between the atmospheric and geodetic series, as well as between the different geodetic technique series, will be analysed and commented, evaluating in particular the degree of correlations between the time series.