



Evaluation of ITRF2014/DTRF2014/JTRF2014 solutions in precise orbit determination

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Three IERS Production Centers (IGN, DGFI and JPL) delivered three independent solutions from the contributions of the four space geodetic techniques (DORIS, GNSS, SLR and VLBI). These three realizations (ITRF2014/IGN, DTRF2014/DGFI and JTRF2014/JPL) are evaluated by SLR and DORIS data processing for TOPEX, Jason-1, and Jason-2 satellites by comparison to the ITRF/DPOD2008. The DORIS post-fit residuals (global and per stations) and the SLR residuals on DORIS orbits are analyzed. We also show some orbits comparison in particular the RMS of radial differences and the mean of Z orbit differences.