



A new model of Tidal EOP variations from VLBI data spanning 30 years

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We report on a new solution for tidal EOP variations derived from VLBI data. This solution uses approximately 6.5 million VLBI delay measurements spanning almost 30 years, and is the most precise VLBI solution to date. We compare this solution to earlier VLBI solutions, solutions from other techniques, and theoretical predictions. We give theoretical and empirical estimates of the error of the estimates. We also compare the predictions from the VLBI tidal solution with hourly VLBI and GPS measurements of EOP.