



Improvements in EOPs and baseline estimation using the future RAEGE Network

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The New Atlantic Network of Geodynamical and Space Stations (RAEGE) will be built between Spain and Portugal (Yebes, Canary Island, and Azores Island) in the near future. In this work we analyze the integration of RAEGE in the global Very Long Baseline Interferometry (VLBI) network, which is expected to improve the determination of the EOPs (Earth Orientation Parameters) and baseline lengths. To do this, we use the Vienna VLBI Software (VieVS) with different scheduling strategies. On the other hand, we estimate the EOPs using in each analysis fewer stations to study their degradation with the Allan Standard Deviation.