
Recent and future improvements to the IERS Rapid Service / Prediction Center combined EOP solution

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Abstract

The IERS Rapid Service / Prediction Center (RS/PC) is responsible for producing Earth Orientation Parameters (EOPs) from a combination of techniques that include Very Long Baseline Interferometry (VLBI), Global Navigation Satellite System (GNSS), Satellite Laser Ranging (SLR), Atmospheric Angular Momentum (AAM), and UTGPS. The RS/PC is committed to producing high-quality EOPs in a low-latency environment to support international geodesy. With this in mind, the RS/PC has made several updates to the combined solution since the last Journées meeting, along with a future development plan to improve the robustness and accuracy of our combined EOP products. These updates include redundancy in observational contributions and modifications to the software that allow for more agile development in the future.

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