



Maintenance of the IERS EOP and ITRF2005 Consistency

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Before the ITRF2005 release, the IERS reference EOP series, based on the combination of astro-geodetic techniques products were independently computed from the ITRF. This led to the existence and increase of significant inconsistencies between the terrestrial reference frame and EOP. For the first time the ITRF2005 includes consistent Earth Orientation Parameters (EOP) and time series of station positions. The next step is to continue the computation of both products on a regular basis ensuring their optimal consistency. A new approach is now under investigation at the IERS EOP Product Center. In this paper, we present the strategy that will be applied as well as the first results obtained.