



Study of the effects of processing strategy variations on GPS position estimates

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The GPS campaign BIHREF 2000 performed in Bosnia and Herzegovina (B&H) for the purpose of densification of EUREF network in B&H. There were about 30 points observed and processed in accordance with EUREF criteria, which after 2 September 2001 were supplemented by additional criteria, such as use of Niell dry mapping function for the tropospheric delay modeling or the application of corrections for the periodic site displacement due to ocean loading. In this contribution the results of different methods of evaluation before and after application of the supplement EUREF criteria are compared with each other, considering also the results of the EUREF 98 GPS campaign, when the points within Balcanian countries were observed. The results of the processing data in the different reference frames, i.e. ITRF97 and ITRF2000 are discussed, as well as the transformation to ETRS 89.