



Hindawi Publishing Corporation

International Journal of Navigation and Observation

International Journal of Navigation and Observation
Volume 2008 (2008), Article ID 562878, 8 pages
doi:10.1155/2008/562878

Research Article

Precise Point Positioning for TAI Compu

Gérard Petit and Zhiheng Jiang

Bureau International des Poids et Mesures, Pavillon de Breteuil, Sè
France

Received 27 July 2007; Revised 19 October 2007; Accepted 27 No

Academic Editor: Demetrios Matsakis

Abstract

We discuss the use of some new time transfer techniques for comp
uses GPS dual frequency carrier phase and code measurements
reference time scale with the precision of the carrier phase and th
two stations can then be computed by a simple difference. We sho
short-term stability than other techniques used in TAI. We prese
transfer that takes advantage of the qualities of each techni
improvement to TAI links.

Copyright © 2009 Hindawi Publishing Corporation. All rights reserv