

Volume XL-3/W1

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XL www.int-arch-photogramm-remote-sens-spatial-inf-sci.net doi:10.5194/isprsarchives-XL-3-W1-87-2C 
© Author(s) 2014. This work is distribute under the Creative Commons Attribution 3.0 L

## MULTI-GNSS RECEIVER FOR AEROSPACE NAVIGATIONS

T. R. Peres<sup>1</sup>, J. S. Silva<sup>1</sup>, P. F. Silva<sup>1</sup>, D. Carona<sup>2</sup>, A. Serrador<sup>2</sup>, F. Pall <sup>1</sup> DEIMOS Engenharia, Av. D. João II, Lt 1.17.01, 10° Andar, 15° Dept. of Electronics, Telecommunications and Computer Engineering, ISEL — Ins Conselheiro Emídio Navarro, 1, 1959-007 Lisboa

Keywords: Aerial, Land, Navigation, Georeferencing, GPS/INS, Inte

Abstract. The upcoming Galileo system opens a wide range of new opportuncy System (GNSS) market. However, the characteristics of the future GNSS sign receivers. In the frame of the REAGE project, DEIMOS and ISEL have developed applications, supporting current and future GPS L1 and Galileo E1 signals, the extent, industrial) grade components. Although the REAGE project aimed at also applicable to many terrestrial applications (ground or airborne), such a Vehicle (UAV) navigation. This paper presents the architecture and features results of the validation campaign with GPS L1 and G

Conference Paper (PDF, 691 KB)

Citation: Peres, T. R., Silva, J. S., Silva, P. F., Carona, D., Serrador, A., Palhint GNSS RECEIVER FOR AEROSPACE NAVIGATION AND POSITIONING APPLICATIC Spatial Inf. Sci., XL-3/W1, 87-92, doi:10.5194/isprsarchives-

Bibtex EndNote Reference Manager