

## **GINs software evolutions for the Jason-2 data processing: RINEX and DORIS 2.2 formats**

Soudarin Laurent (1), Capdeville Hugues (1), Lemoine Jean-Michel (2), Pau Henri-Mathieu (1), Nhun Fat Béatrice (1)

- (1) CLS, 8-10 rue Hermès, Parc Technologique du Canal, 31520 Ramonville St-Agne, France, e-mail : [laurent.soudarin@cls.fr](mailto:laurent.soudarin@cls.fr)
- (2) CNES/GRGS, 18 avenue Edouard Belin, 31401 Toulouse, France, e-mail: [richard.biancale@cnes.fr](mailto:richard.biancale@cnes.fr)

The GRGS GINS software has been modified in order to process the Jason-2 mission. The capability of process the new DORIS/RINEX data format was also developed. The phase measurements are managed in order to form Doppler measurements. An ionospheric correction is first applied on all the 2GHz phase measurements. Then, cycle counts are obtained from the differences of phase measurements at a 10s interval.

We will present the results obtained from the two types of data. We will also show comparison of results obtained for Jason-1 and Jason-2 over common periods.