

NETWORK STATUS AND ENHANCEMENT

Hervé FAGARD¹, Alain ORSONI²

¹ *Institut Géographique National, Service de Géodésie et Nivellement, Saint-Mandé, France.
Fax : + 33 1 43 98 84 50, e-mail : herve.fagard@ign.fr*

² *Institut Géographique National, Service de Géodésie et Nivellement, Toulouse, France.
Fax : + 33 5 61 28 25 95, e-mail : alain.orsoni@cnes.fr*

ABSTRACT – After presenting a quick overview of the network, including collocations with other space geodesy techniques and tide gauges, we will see how and why, fifteen years after the start of its deployment, it is still evolving.

First, the renovation action which was decided at the end of 1999 is now well under way, as half of the stations currently meet the new antenna stability requirements. A few examples of stability improvement are presented, as well as a schedule of the past and pending renovations.

Then we will present the planned station transfers or new deployments, which aim at answering the following needs: improve even further the global orbits coverage by filling a few remaining holes, increase the number of collocations with tide gauges, and satisfy some of the proposals for new stations that have been received in the frame of the DORIS pilot experiment.