

OCA Report Teddington October 2003 from F.Baumont

Since June 2003, the Time and Frequency group working on TWSTFT has joined one of the new "Joint Research Unit" (UMR) of Observatoire de la Côte d'Azur (OCA) : UMR GEMINI (Head : Pierre Exertier), in particular the R&D Group on Metrology (optic. and radio.) (Head : Etienne Samain).

During 2003 we have modified the mechanics of our antenna for a better and more stable pointing of the antenna. We have replaced the SSE transceiver that we had, by a 4 watt ANACOM transceiver. We have been then able to join again the transatlantic sessions. The new setting is operational since the 2nd of July, after some troubles due to a missing filter in the ANACOM transceiver equipment. We are right now on a 5 sessions per week schedule.

The automation of the TWSTFT station should be completed at the end of 2003 for the equipments and end of March 2004 for the softwares.

We are still involved in TTR5 GPS Common View and in Motorola GPS Multi Channels.