

IDS Workshop

RECENT IMPROVEMENTS IN DORIS PROCESSING AT THE EUROPEAN SPACE OPERATIONS CENTRE

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Abstract

The Navigation Support Office of the European Space Operation Centre (ESOC) of ESA has been involved in routine processing of DORIS data since the launch of Envisat in 2002. With the ITRF2008 call for participation ESOC decided to participate in all three geodetic satellite tracking techniques: SLR, GPS and DORIS. This led to ESOC becoming a full Analysis Centre for the IDS.

This presentation gives a summary of the activities ESOC has performed for the ITRF2008 activities. The main focus of the presentation will be on the improvements ESOC has made to its IDS processing since the submission of the esawd03 time series for the ITRF2008. Besides the modelling improvements we will show the benefits of using Jason-2 data and as well show the first results obtained from including Cryosat-2.