



LRM Processing over Ice Inland Bodies, first Analysis using Local DEM and a Comparison to ENVISAT Data.

Nicolas Picot and Francois Boy

Cnes, DCT/PO/AL, Toulouse, France (nicolas.picot@cnes.fr)

The altimeter LRM mode is used over major part of the ice inland bodies. This includes the Antarctica and the Greenland interiors. Altimeter ground processing of those data includes the MLE3 ocean1, one of the operational retracking solution implemented. This processing, based on brown model, has also been used on ENVISAT. We will compare the retracking estimates between CryoSat and ENVISAT and also compare the LRM products elevation with regards to digital elevation models like the Bamber model.

A simulator will also be used to compare the acquired altimeter waveforms with simulated one's over dedicated areas.