CryoVEx11 GrandTour
Final Meeting

Veit Helm, AWI
Overview

- Status of processing and deliverables
- CR analysis
- Runway calibration
- Summary/Remarks
Data received from DTU: 9\textsuperscript{th} Aug. 2011
Total amount of data: 1.2 Tb
Processing status: Delivered in Nov. 2011 (proc. version ASIRAS\_04\_03)
Problems: all solved
Runway Calibration: possible – ALS data received from DTU in Nov. 2011
Final Report: AWI contribution delivered to ESA/DTU in Nov. 2011
Table shows all successful CR overpasses including time shifts

Note: none of the Austfonna CR were hit

<table>
<thead>
<tr>
<th>CR</th>
<th>Profile</th>
<th>Closest approach</th>
<th>Time</th>
<th>Time shift</th>
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CR Analysis

- Profile: A110415_01
- CR East: 83.6196 -62.872033
- CR West: 83.618 -62.908
- Positions ca. 4h after flight measured from Field party
- Both CR were hit several times
Best fit of simulated hyperbola to raw data
CR Analysis

CR East

CR West

Power echo of: A20110415_01 - 20:51:34

- - - - ASIRAS CR

- - - - ASIRAS SURF.

CR Height 1.07 m
Dist. to 11CRE 5.90 m

Range bins of echo - 46012
Runway Analysis

Profile | Start time | Stop time | Time shift (s) | Offset (m) | Stddev (m) | ALS qual. | ASIRAS qual.
--- | --- | --- | --- | --- | --- | --- | ---
A110417_01 | 69905 | 69935 | 0.00 | 3.53 | 0.04 | Good | Good
AWI processed L1B product as requested by ESA (Processor version ASIRAS_04_02/03)

ASIRAS Data delivered in Nov. 2011 to ESA

Runway calibration possible (only one overpass)

CR pass successful