Absolute Calibration of SARAL/AltiKa in Gavdos

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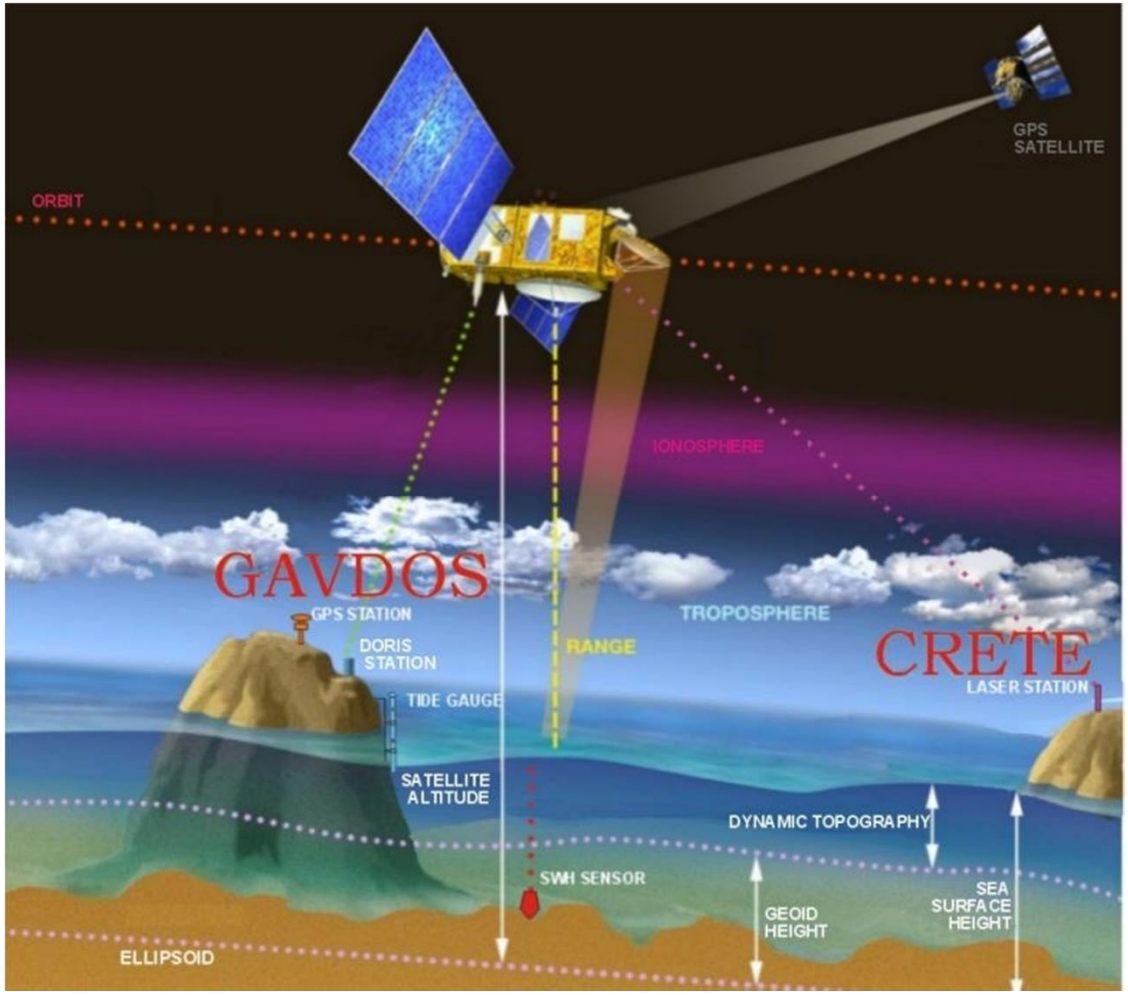
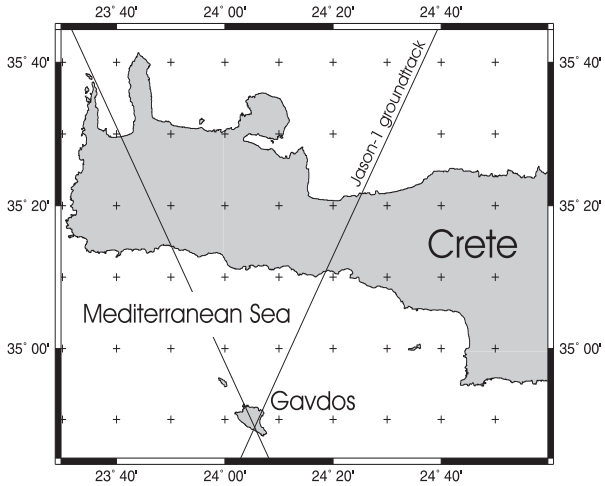
GeoMatLab

Satellite altimeter calibration

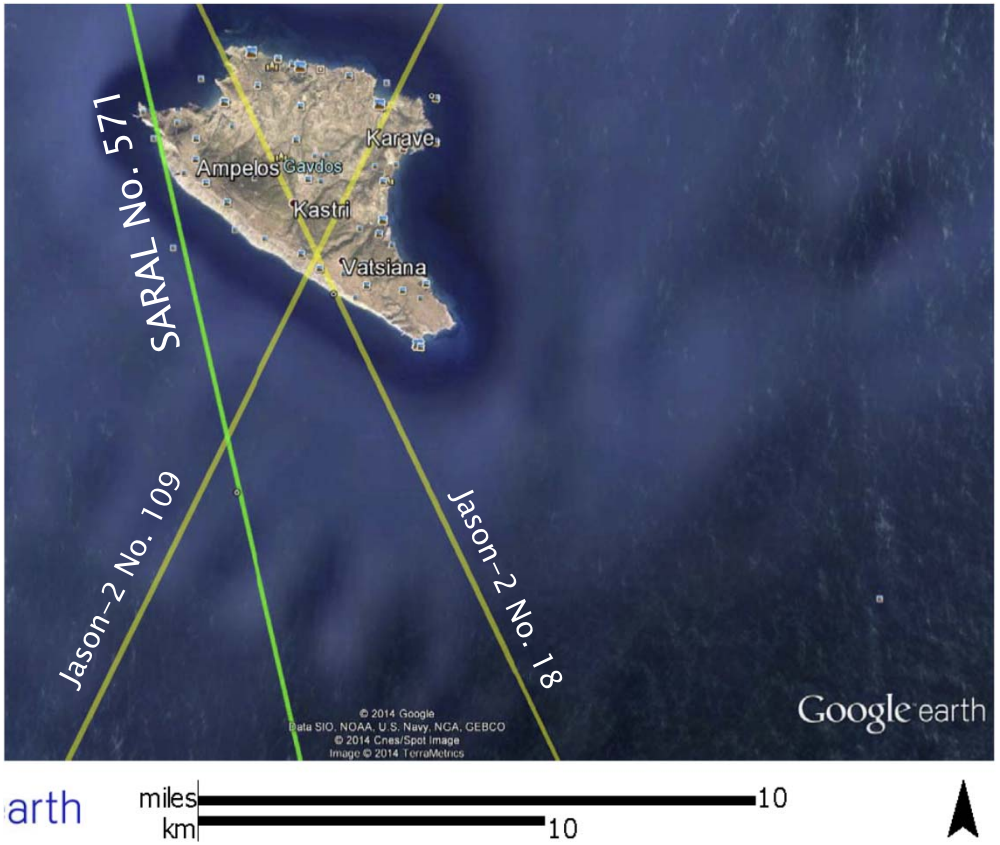


Gavdos Permanent Cal/Val Facility

Jason tracks

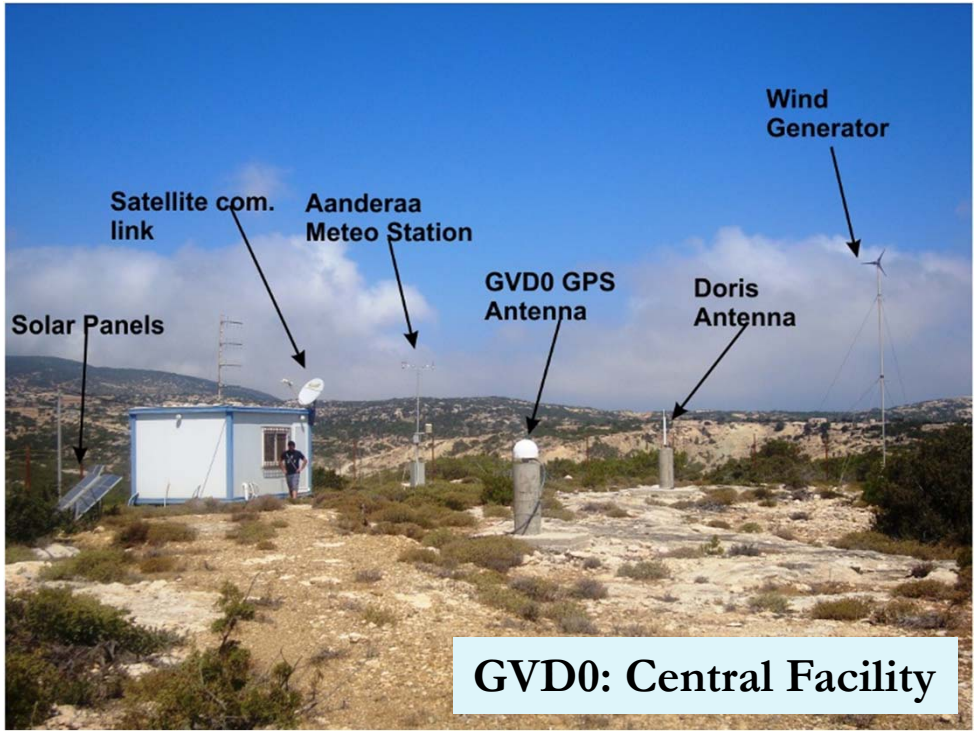


SARAL/AltiKa tracks over Gavdos



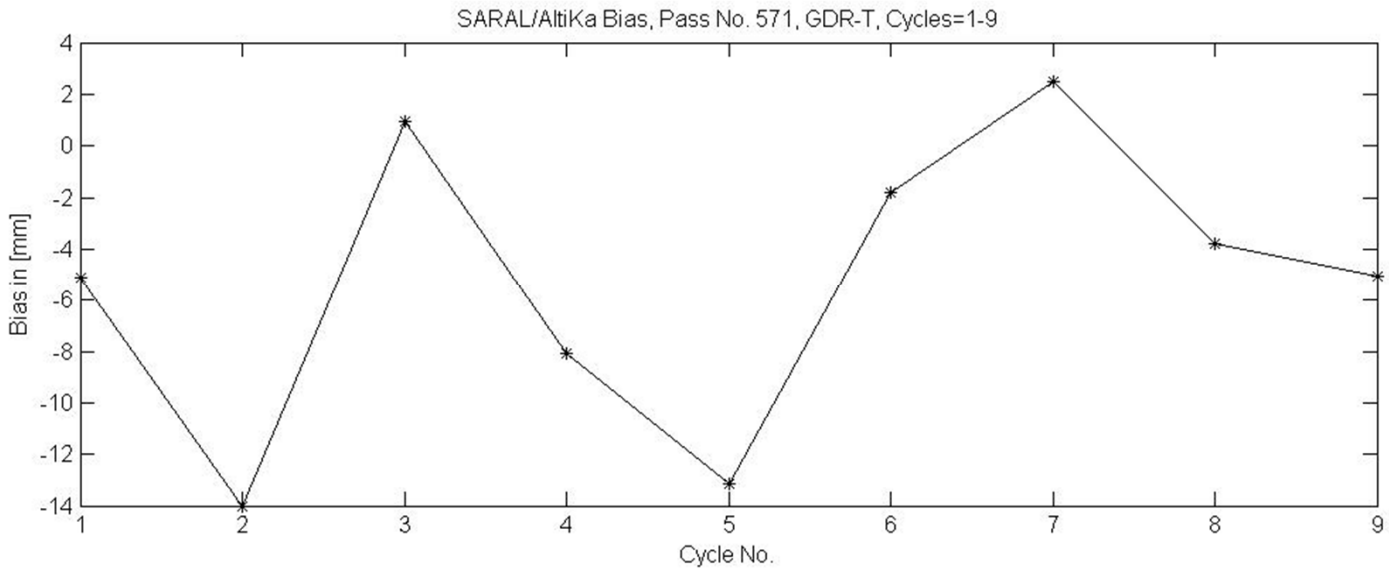
- SARAL track No. 571 passes over Gavdos island .
- Calibration as close as to 8 km from Gavdos coast

Gavdos and West Crete Facilities

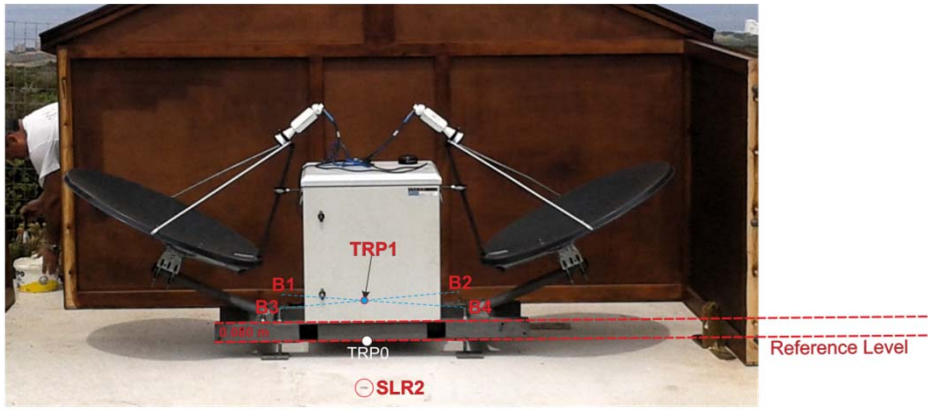


SALAR/AltiKa bias, Pass No. 571

- Ascending pass No. 571 of SARAL/AltiKa, Cycles 1 to 9, GDR-T data:
- Bias: Mean = -5.3 cm, ±2 cm



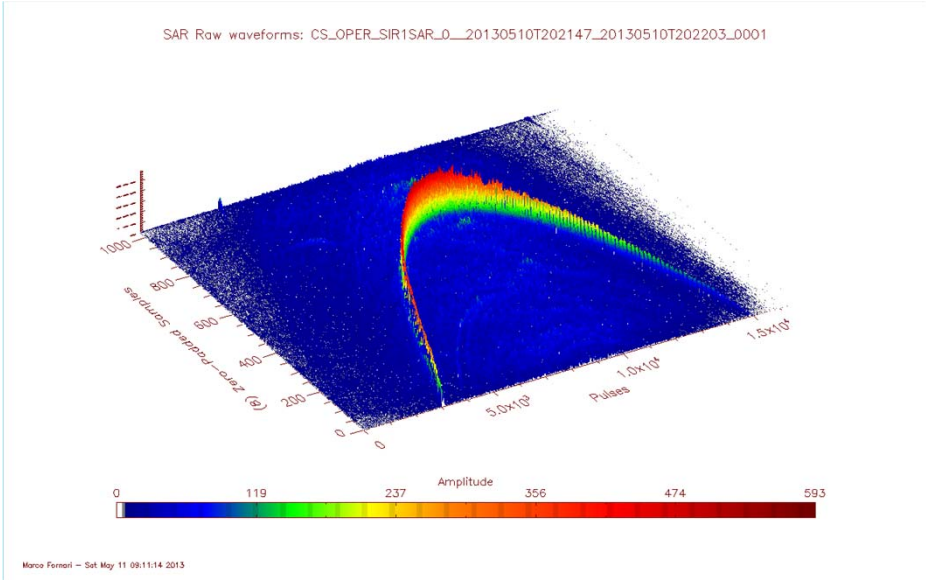
Transponder operational for ESA

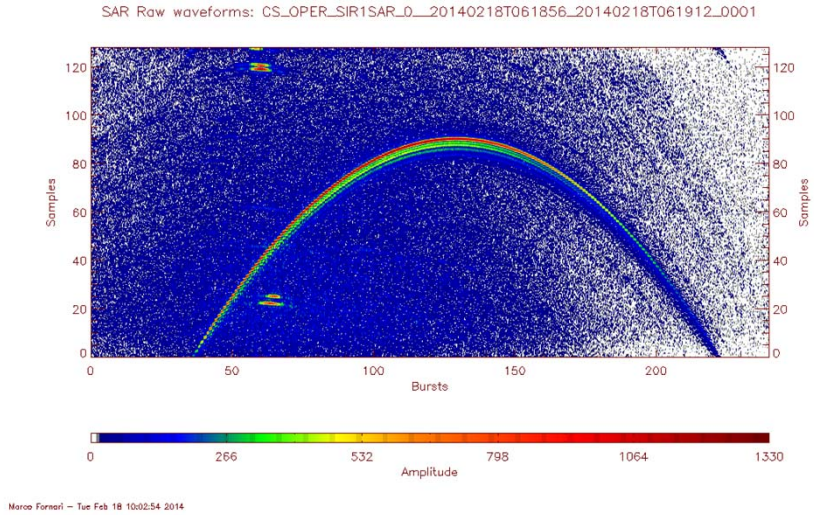


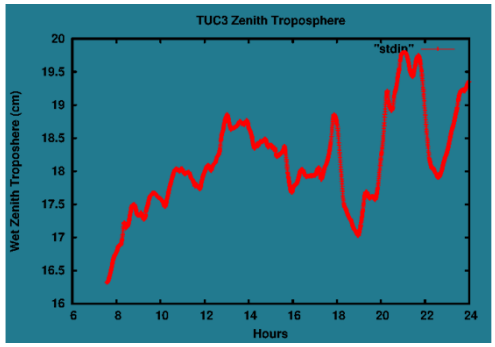
Transponder reference points for the measurements made for Cryosat-2 calibration, using the SLR2 site in Crete, Greece, on 10-May-2013 20:21:40 UTC.

Cryosat-2 transponder Cal/Val

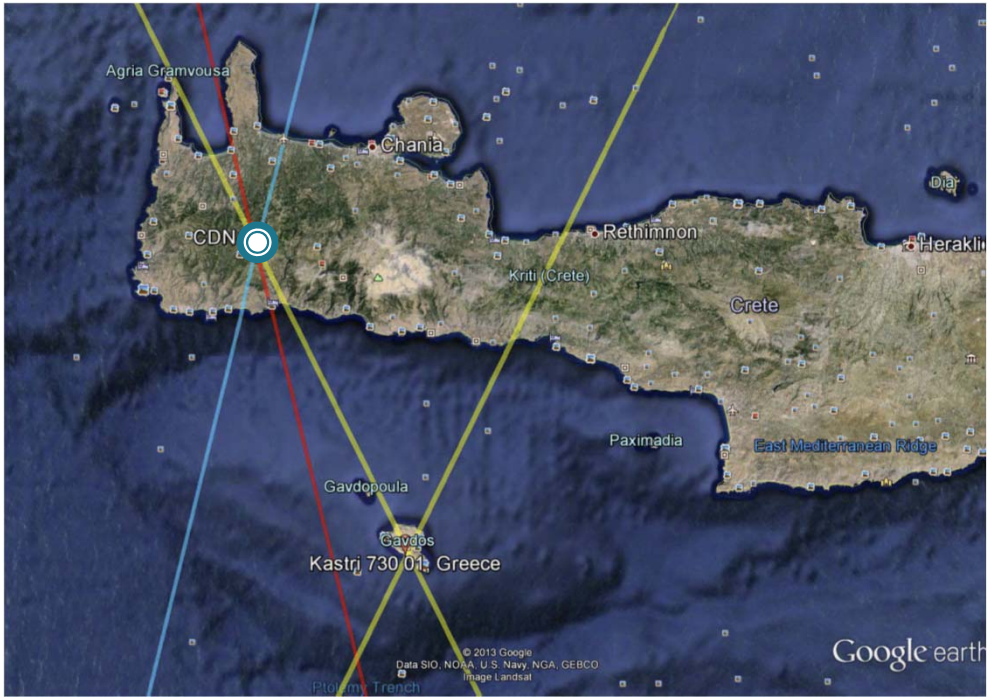
- Cryosat-2 bias: **B = 0.638m** (from FBR data)
- Time: 10-May-2013, 18-Feb-2014







Permanent Transponder site: CDN1 for ESA, operational in 2014



Jason-2 mission has been used to perform a calibration of the surrounding terrain at the new location.