



## **GOCE Data Quality and improvements**

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Since the launch of GOCE in March 2009 the PDGS and science team are in charge of assessing and understanding the quality of the observations acquired by the gradiometer and satellite-to-satellite tracking payloads, improving it through calibration efforts as well as by evolutions in the ground processing algorithms, and finally making sure the official Level 1b and Level 2 data products provided by ESA are (re-)processed with updated algorithms to ensure that the mission science return is optimized. This paper details the effort that has been done in data quality analysis as well as an analysis of the long-term data quality stability.