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August 2010**

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1. INTRODUCTION

1.1 Purpose and Scope

This document contains the Quality report for GOCE L1b data for August 2010.

The latest version of this document is available on the GOCE Data Quality portal at:



<http://earth.esa.int/GOCE/> → “Level 1b QC” → “Monthly”

The GOCE Data Quality portal is the principal source for any quality-related information on GOCE products.

<http://earth.esa.int/GOCE/> → “Level 1b QC”.

1.2 Glossary

The following acronyms and abbreviations have been used in this report.

ABBREVIATION	MEANING
EGG	Electrostatic Gravity Gradiometer
DFACS	Drag Free and Attitude control system
SST-I	Satellite-to-satellite tracking instrument
CTR	Control Voltages
STR	Star Tracker
Trace SD	Trace Spectral Density
ICM	Inverse Calibration Matrix
GAR	Gradiometer Angular Rates
FPM	Fine Pointing Mode

2. AUGUST 2010 OVERVIEW

- Due to the telemetry module anomaly which occurred on 8th of July, no EGG and SSTI data are available for the entire month.

2.1 Instruments Quality summary tables

Aug 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Table 1 August 2010 EGG QC Status

Aug 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Table 2 August 2010 SST QC Status

-  GAP (details within Monthly Report)
-  NOT USABLE
-  Special Event
-  Nominal
-  Calibration
-  EGG in Acquisition Mode
-  Not yet released