

GOLDS-UFSC Documentation

GOLDS-UFSC Documentation SpaceLab, Universidade Federal de Santa Catarina, Florianópolis - Brazil

GOLDS-UFSC Documentation

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Project Chief:

Eduardo Augusto Bezerra

Authors:

Gabriel Mariano Marcelino André Martins Pio de Mattos Eduardo Augusto Bezerra

Contributing Authors:

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Introduction

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1.1 Mission Description

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1.2 Mission Objectives

Mission Requirements

Mission Schedule

Overall Description

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4.1 General Diagrams

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4.2 General Behaviour

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4.3 Power Budget

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4.4 Link Budget

Subsystems

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5.1 On-Board Data Handling

OBDH

5.2 Telemetry, Tracking and Command Module

TTC

5.3 Electrical Power System

EPS

5.4 Attitude Determination and Control System

ADCS

5.5 Mechanical Structure

.

5.6 Payloads

5.6.1 Environmental Data Collection

EDC

Ground Segment

Operation Planning