ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Phase C

The greatest satellite application ever that will me famous

Proposal for the Swiss Space Office

Rev: 0

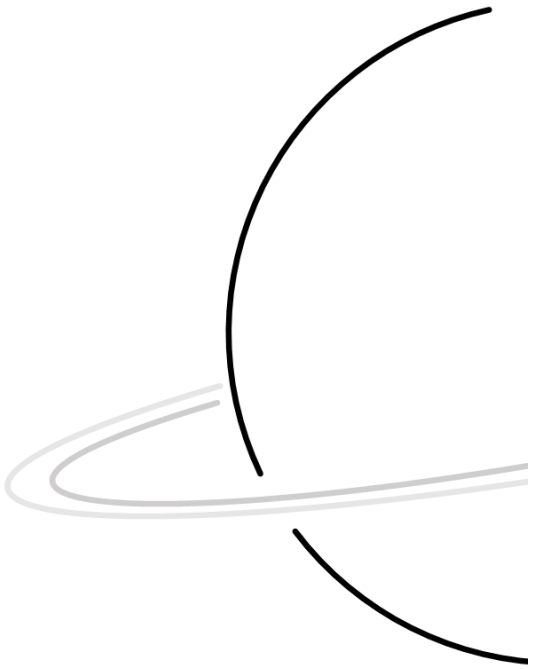
Minor Project

Prepared by:

MAX MUSTER

Checked by:

Approved by:



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26/04/2016

eSpace
SPACE
ENGINEERING
CENTER

Record of Revisions

Issue	Revision	Date	Modifications	Created/modified by
1	0	08/01/2015	First draft	Kevin Owen
1	1	26.01.2016	• Updated main class to remove warnings and added new packges • now using glossaries for abbreviations • included some ECSS standards for reference	Anton Ivanov

Contents

List of Tables

List of Figures

Acronyms

CDMS Control and Data Management Subsystem. 6

COTS Commercial Off-The-Shelf. 6

References

[RD1] The European Cooperation for Space Standardization. ECSS-E-ST-10C - System engineering general requirements. Tech. rep. 2009. URL: ecss.nl.

[RD2] The European Cooperation for Space Standardization. ECSS-E-ST-40C: Software. Tech. rep. Noordwijk, Netherlands: ESA Requirements and Standards Division, 2009.

[RD3] The European Cooperation for Space Standardization. ECSS-E-ST-70-01C: Spacecraft on-board control procedures. Tech. rep. (ECSS-E-ST-70-01C). Noordwijk, Netherlands, 2010, pp. 1–174. URL: ecss.nl.

[RD4] The European Cooperation for Space Standardization. ECSS-E-ST-70-32C: Test and operations procedure language. Tech. rep. Noordwijk, Netherlands, 2008.

1 Introduction

This is a template file for a generic eSpace report.

Here's how you can refernce ECSS standards

Systems engineering Standard in here [RD1]

Software [RD3, RD4] [RD2]

1.1 How to use acronyms

- Define your acronyms in your main file (report.tex)
- Use acronyms with `gls` command: we use Commercial Off-The-Shelf (COTS) parts in the Control and Data Management Subsystem (CDMS) design.
- Run `makeglossaries` command after definition of a new acronym

2 Example document

This section serves as example to demonstrate appearance of the template. And give information on the way it works.

2.1 File and folder hierarchy

This template has a preset folder and file hierarchy to have a clear structure. If you know what you're doing, you can play around with it but it works well as is.

2.1.1 Chapters and section and appendices

It is recommended to place all your sections as separate `.tex` files and store them in the chap folder. It is the referenced in the main doucment with `\input{chap/example}`.

Appendices work on the same princile and can be stores in the appendices folder.

2.1.2 Figures

Figures are stored in the fig folder and LaTeXwill automatically look for the image file there so you should reference it from this folder. A special function was implemented to allow the insertion of a single figure with a single line of code and have the filename, the label, the legend and the width defined.

```
\figi{cleanspace-one}{fig:cleanspace-one}{Image of CleanSpace One}{0.4\textwidth}
```

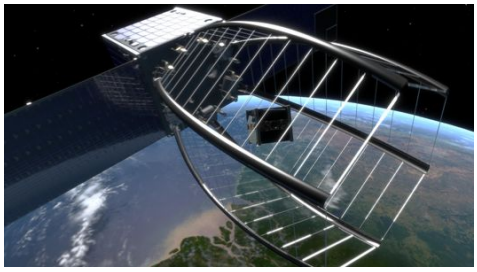

Figure 2.1: Image of CleanSpace One

2.2 Bibliography

The system has been simplified and uses Bibtex as a compiler. All documents are in `refdoc.bib`.

3 Conclusion

YOUR NAME
Lausanne, 26/04/2016

A Appendix example

A.1 A subsection

A.1.1 A subsubsection