Engineering for Space 1

Phase A study for InhollandSat-2

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Change record

Issue	Date	Total pages	Page(s) affected	Description of change
1.0	20250908	11	0–11	Copy Initial Template to LaTeX
1.1	20250909	11	0–11	Switch away from Overleaf

Applicable documents

Reference	Document title	Document #	Issue	Date
[AD01]				

Reference documents

Reference	Document title	Availability	Issue	Date
[RD01]				

Table of Contents:

Executive Summary

TBD

Abbreviations list

AD Applicable Document

RD Reference Document

TBD To Be Done

1 Introduction

TBD

2 Mission elements

TBD

2.1 Mission description

TBD

2.2 Requirements

TBD

Create at least 9 different requirements from a 'ECSS Requirement categories" perspective, and 8 different requirements from a 'Product Breakdown Structure (PBS)' perspective. Note that this can be combined, so you could only have 9 requirements in total if you find the right combinations. Also include the type (key, killer, driving, normal), the rationale, the verification method (Inspection, Demonstration, Test, Analysis, By similarity, Simulation and modeling (Design)) and if applicable, an ECSS document reference.

Reference documents

Req. ID	Description	Rationale	ECSS Req. Category	Type	Applicable PBS level/item	V&V method	ECSS doc. reference

2.3 Concept designs

TBD

2.4 System and subsystem level trade-offs leading to final concept design

TBD

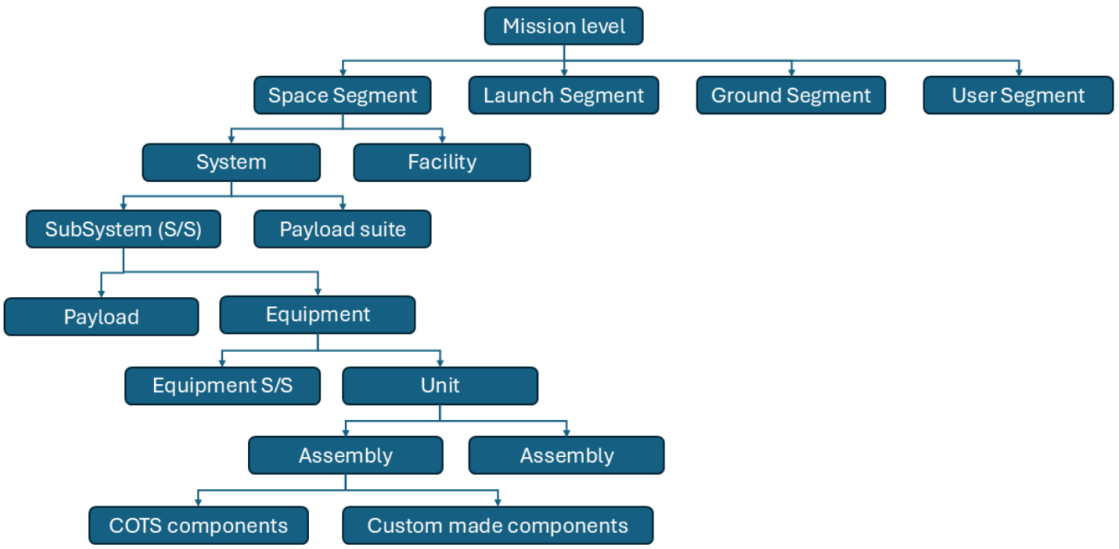
2.5 Description of system elements

TBD

2.6 Product Breakdown Structure (PBS)

TBD

Below is an example of an 8 levels PBS with generic names in the boxes. Replace the names with items from your chose concept design, and preferably also the system and subsystem that you do a trade-off for. Give the items a unique number that you can also insert in the requirements table.



2.7 Verification and Validation of requirements

TBD

3 Conclusions

TBD

4 Recommendations

TBD

Appendix A

TBD