

Inholland Space Lab Document #: ISL-<X>-RP-<Y>
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Work package: N/AConfiguration ID: N/ATemplate issue: 1.2

Engineering for Space 1

Phase A study for InhollandSat-2

| | Name | Affiliation | Date | Signature |
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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] | | | | |



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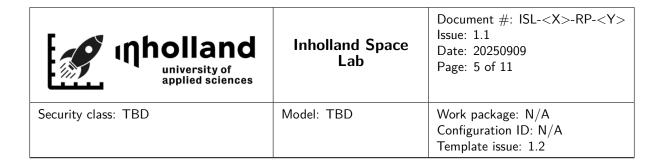
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Executive Summary



Abbreviations list

AD Applicable Document
RD Reference Document
TBD To Be Done

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1 Introduction

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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 | Туре | Applicable PBS level/item | V&V method | ECSS doc. ref- erence |
|------------|-------------|-----------|-----------------------|------|---------------------------------|---------------|-----------------------------|
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2.3 Concept designs

TBD

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

TBD

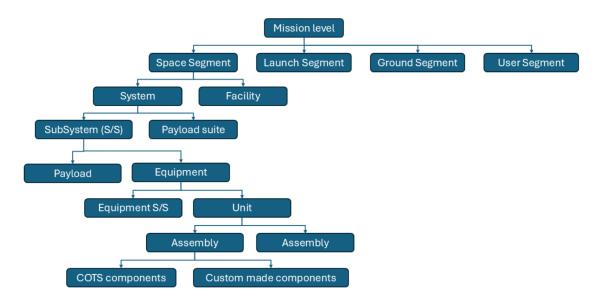
2.5 Description of system elements

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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

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3 Conclusions

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4 Recommendations

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Appendix A