

Spacecraft Requirements, text and rationales

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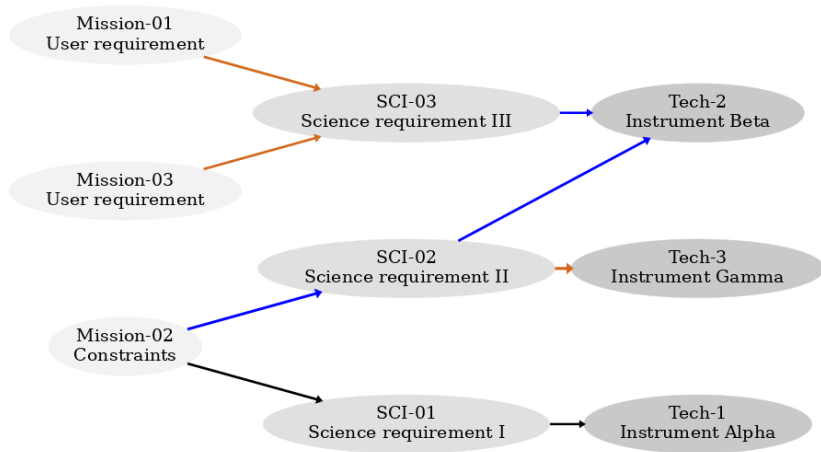
Requirement Flow

Level 1

Level 2

Level 3

Requirement Flow



1 Mission-01

User requirement

Mission level requirement A

Child links: SCI-03

1 Mission-02

Constraints

Mission level requirement B

Child links: SCI-01, SCI-02

1 Mission-03

User requirement

Mission level requirement C

Child links: SCI-03

Science requirement I

Mission shall be able to perform example measurement one

Parent links: Mission-02

Child links: Tech-1

Science requirement II

Mission shall be able to perform example measurement two

Parent links: Mission-02

Child links: Tech-2, Tech-3

Science requirement III

Mission shall be able to perform example measurement three

Parent links: Mission-01, Mission-03

Child links: Tech-2

1 Tech-1

Instrument Alpha

Technical instrument requirement Alpha

Parent links: SCI-01

1 Tech-2

Instrument Beta

Technical instrument requirement Beta

Parent links: SCI-02, SCI-03

1 Tech-3

Instrument Gamma

Technical instrument requirement Gamma

Verification plan:

test

Parent links: SCI-02