

QB50

CDR

Procedures Package Panel

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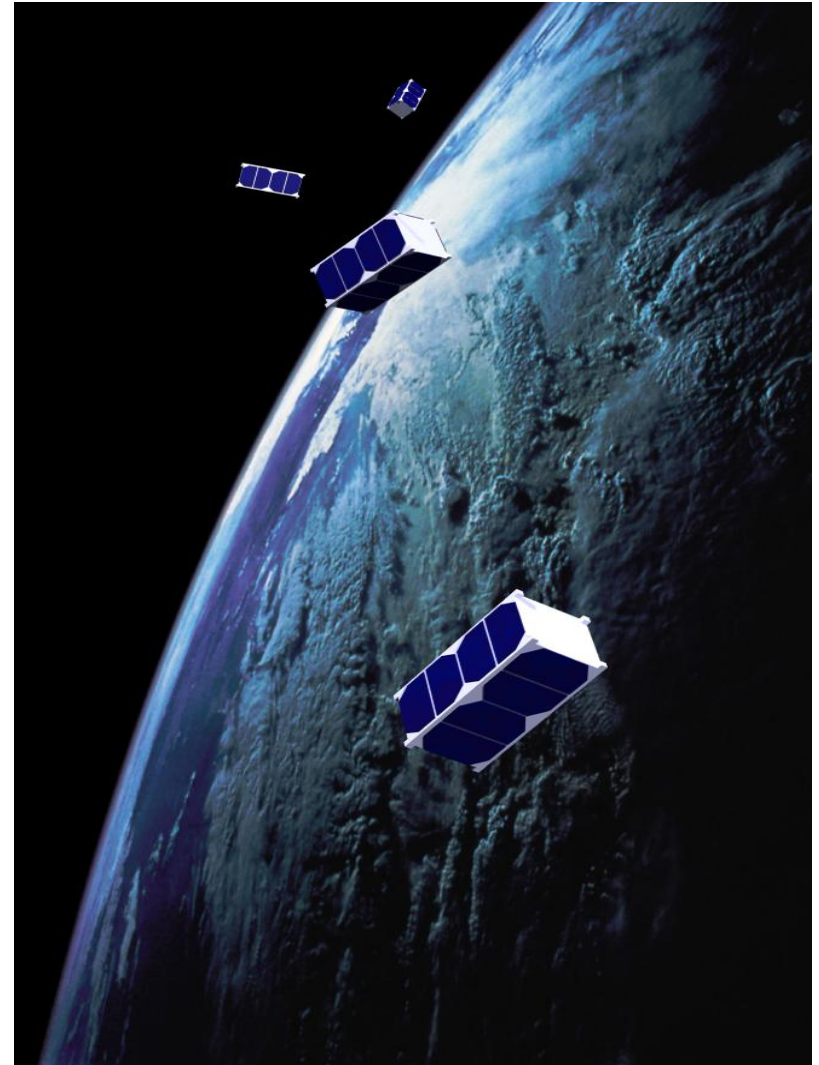
von Karman Institute for Fluid Dynamics
Rhode-Saint-Genèse (Brussels)

6th QB50 Workshop

6 June 2013

Rhode-Saint-Genèse, Belgium

*von Karman Institute
for Fluid Dynamics*



- CDR Procedure – will be available on the QB50 website by **13 June 2013**
 - Teams responsible for own CDR with an external independent reviewer. Inform VKI of reviewer – **Sept 2013**
 - Provide 2 peer reviewers from own teams – to review CDR Data Package of another QB50 team. Inform VKI by **Sept 2013**
 - VKI will assign peer review teams – **Oct 2013**
 - CDR Data Package due – **Nov 2013**
 - VKI will distribute the CDR Data Package to the CDR Review Panel
 - CubeSat will receive feedback / RIDs – **Dec 2013**
- CubeSat teams are to respond to the RIDs - **Jan 2014**
- Discussion on CDR btwn VKI and CS teams via telecon or on-site meetings - **Feb 2014**

CDR Data Package



1. CubeSat Design Overview
2. Assembly, Integration and Test Procedure
3. Compliancy Matrix
4. User Manual and Verification Plan
5. Management Plan
6. Risk Analysis and Mitigation Plan
7. Frequency Coordination Request (form on IARU website)

For Each CDR Data Package

- 1 Independent reviewer (chosen by individual CS teams)
- 2 peer reviewers (offered by the CS teams and assigned by VKI)
- 2 reviewers from Astrium
- 1 reviewer from VKI
- 2 reviewers within QB50 consortium (ISIS, MSSSL, SSC, etc)

8 Reviewers

- June 2013 – procedure on website
- Sept 2013 – provide independent reviewer and peer reviewer names
- Oct 2013 – review teams / panel assigned
- Nov 2013 – CDR Data Package due
- Dec 2013 – CS to get feedback / RIDs
- Jan 2014 – CS to respond to comments
- Feb 2014 – discussion between VKI and CS teams via telecon or meetings

- PDR summary report – very little information
- CDR more exhaustive – a full CDR Data Package + larger review panel
- Contact for any questions about CDR procedure
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Thank you for your attention!