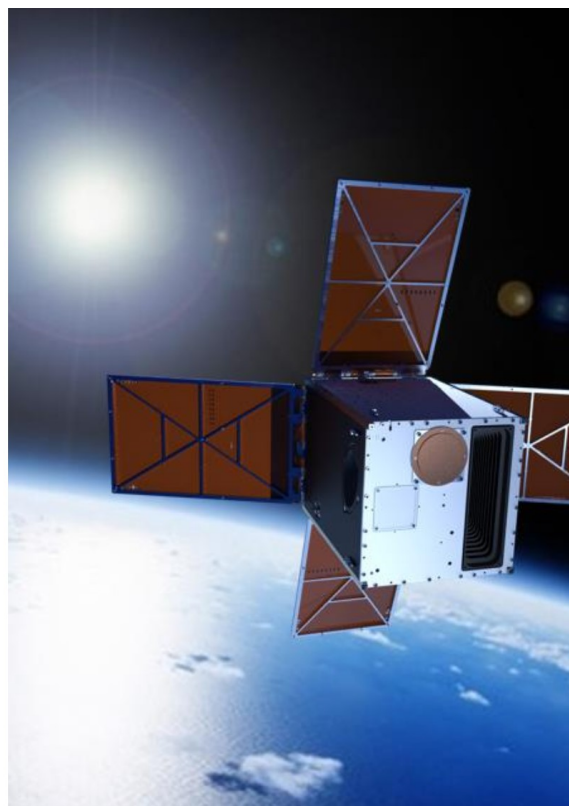




22/04/2021

PVCC Status April 2021

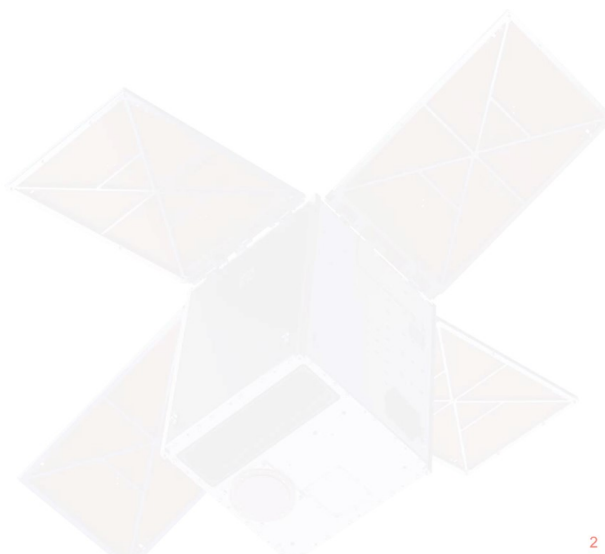
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Q1 2021



- Phase D KO in February
- Launch services selection autorisation to proceed
- Equipment procurement
- Payload removed from the box and tested at OIP
- Frequency coordination ongoing
 - API-B published on 20/04/2021
- Ground station licencing
 - Canadian operators coordination ongoing
- Tasking interface
 - Initial version of the front-end ready for user feedback



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Difficulties



Baffle

- Baffle received from supplier not compliant to the specifications due to manufacturing issues
- Back-up supplier identified for remachining of the baffle

Facilities availability

- CSL shaker availability confirmed
 - W31/37/38
 - Currently W37 baselined
 - Alternatives under consideration but could be submitted to covid restrictions
- TVAC availability
 - TBD

Tasking interface

- External access server upgraded, delaying the access for VITO



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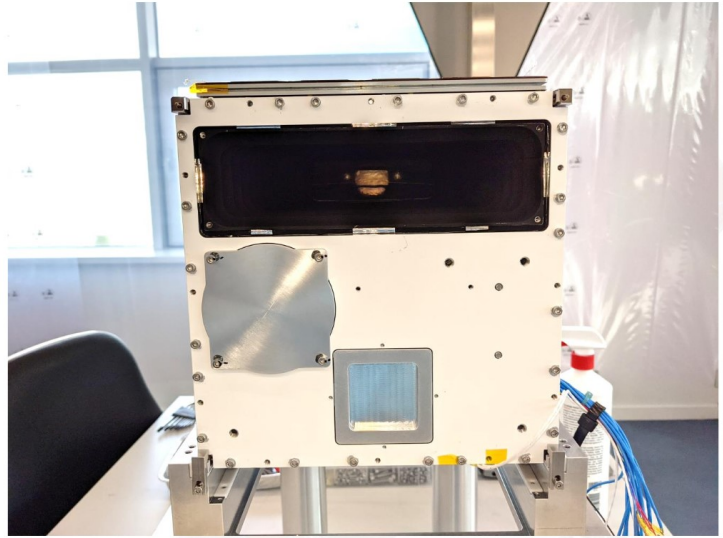
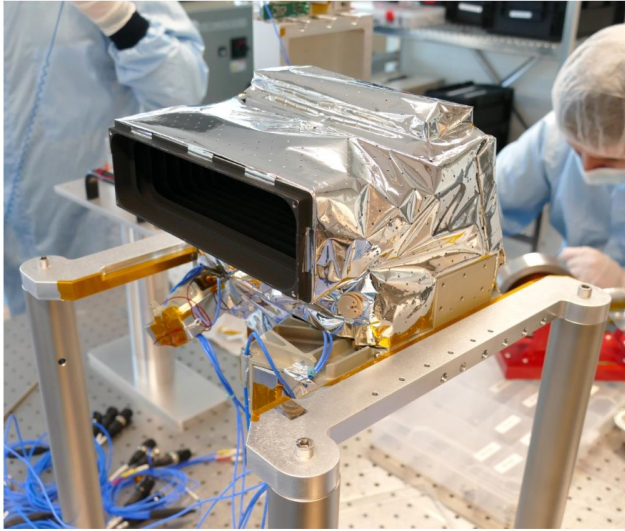
FM Schedule based on current planning assumptions for baffle and facilities availability



- STM
 - TBT test campaign W17-18
 - VIB test campaign W21
- FM
 - Assembly starts Mid-May 2021
 - FM TRR close-out
 - 30/07/2021
 - TVAC calibration (Dark current, pixel offset)
 - Mid-October 2021
 - Equalisation parameters
 - End October 2021
 - FM full functional test (including PDGS)
 - Mid-November 2021
 - QAR close-out
 - 29/11/2021
 - LRR close-out
 - Mid-December 2021
- Tasking interface
 - Review of interface by VITO in May
 - Implementation of comments in June
- RFCT in Kiruna
 - Availability of equipment in June-July, TBC by SSC
- REDU operation workshops
 - Workshop 1 – 27-29/04/2021
- Readiness for launch: January 2022
 - If Falcon 9 is not delayed until January 2022, next launch opportunity should be considered
- Launch opportunities
 - Falcon 9 – December 2021 – January 2021
 - Falcon 9 – March 2022 – April 2022
 - VEGA – Q4 2022

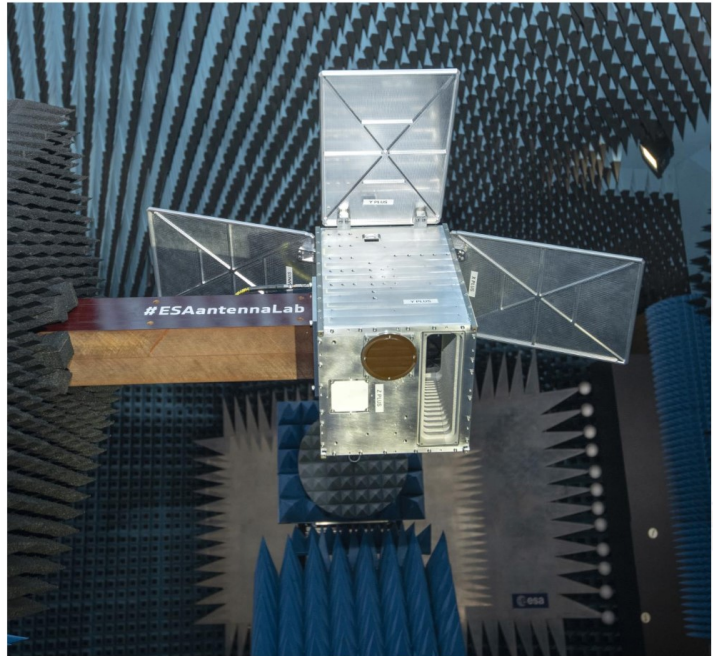
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Pictures



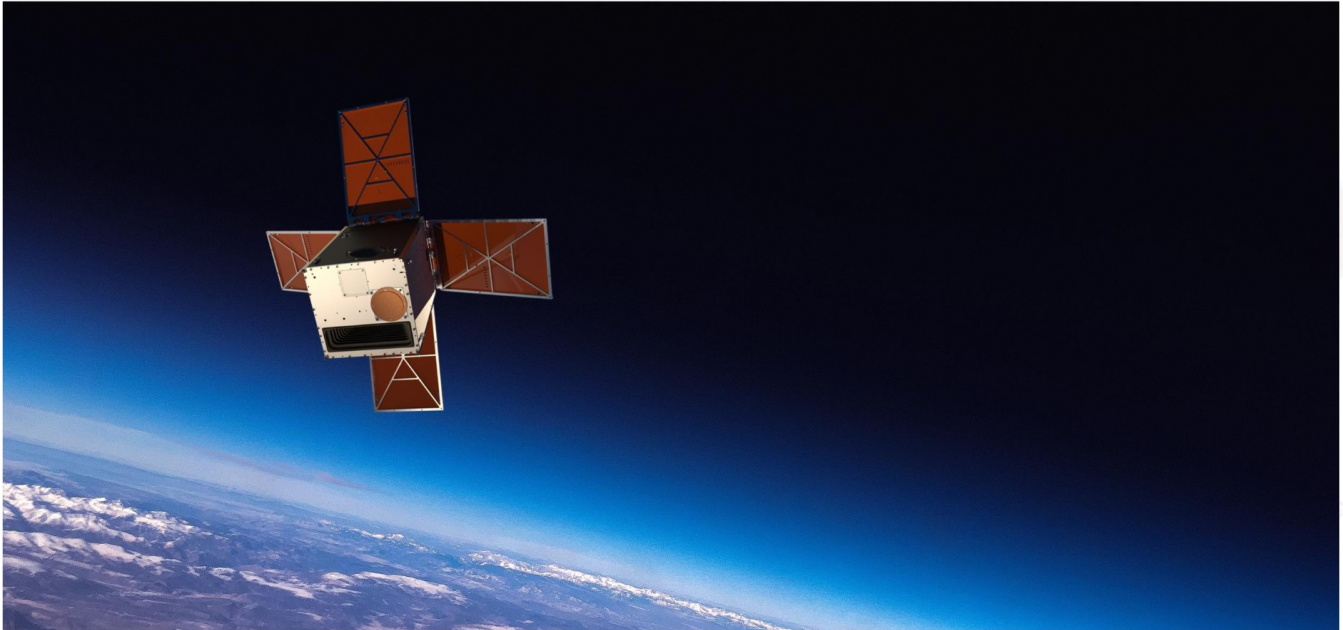
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Thank you for your attention

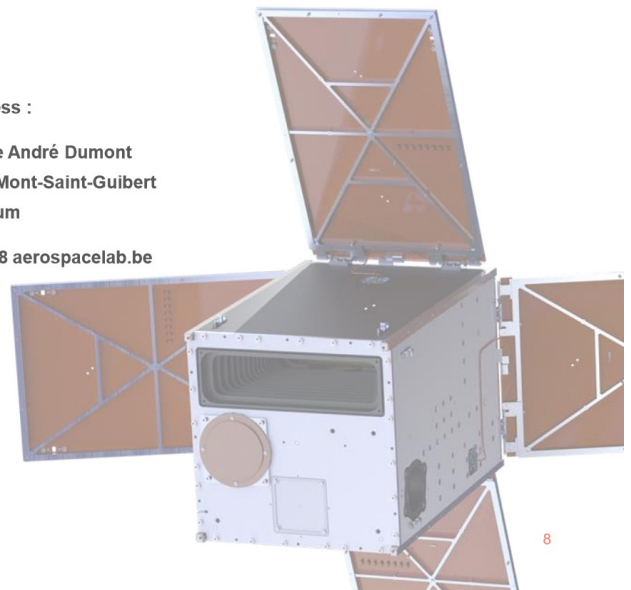
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8