



Proba-V QWG#13 (PVCC - ESA/TEC)

TEC-SPS

22/04/2020

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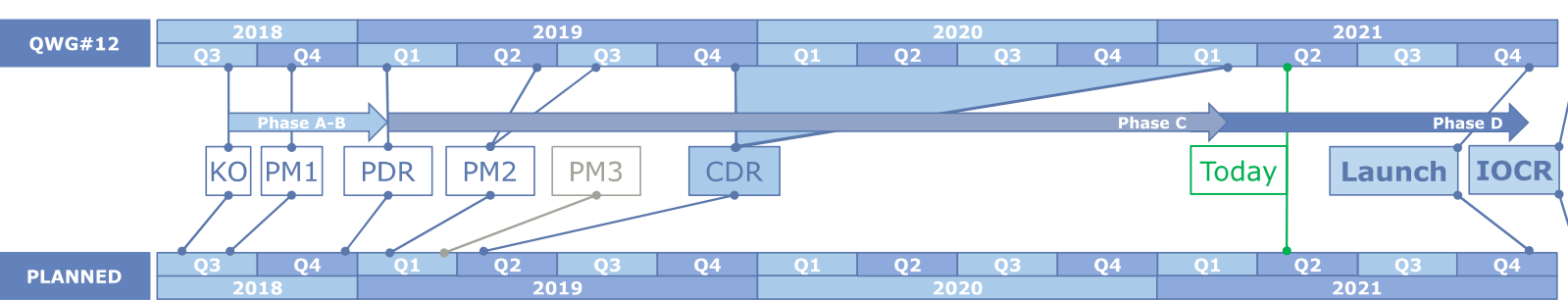


European Space Agency

ProbaV-CC - Status & Schedule



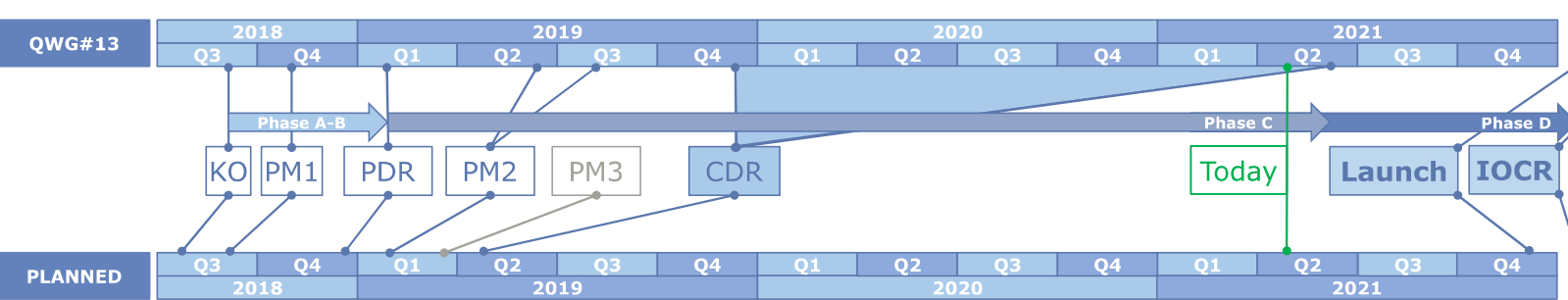
Proba-V CC Activity Overall Schedule



ProbaV-CC - Status & Schedule (Delay!)



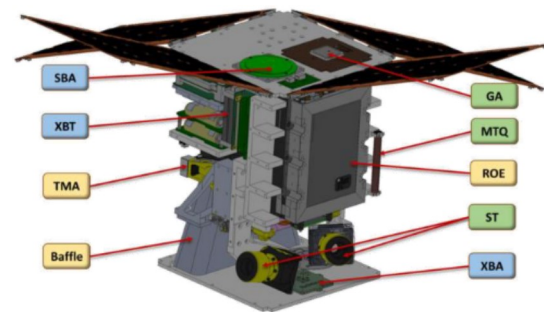
Proba-V CC Activity Overall Schedule



ProbaV-CC – Running and Upcoming Activities



- ✓ **Phase ABC ongoing** (started Q2-2019 to be finished by ~~Q1-2020~~ -> Q2-2021 , **1+ years Delay**)
- ✓ **CDR ongoing** (started Q4-2019 to be finished by ~~Q1-2020~~ -> Q2-2021 , **2+ years Delay**)
- ✓ **Phase C CCN “Bridging” Activities** (finished by ~~Q2-2020~~ -> Q1-2021, **1 year Delay**)
 - Bridge between Phase A/B/C and Phase D/E1
 - Phase C CCN complementary activities in order to:
 - Done:
 - Reach CDR level on GS (PDGS+FOS)
 - Reach CDR level on OBSW and AOCS SW
 - Missing:
 - Perform STM qualification (STM Vibe Test Issues)
 - Perform Structural and Thermal validation
- ✓ **Phase D** (finished by ~~Q2-2021~~ -> Q3-2021, **2 months Delay**)
 - QAR: (~~Q3-2021~~ -> Q4-2021 , **2 months Delay**)
 - **Baffle machining issues**
 - Impact on ProbaV and ProbaV-CC Overlapping



ProbaV-CC ESA Ownership Impact



✓ **Launcher Selection**

- European/VEGA Launcher CLSP
- If no QAR by Q3-2021 or not Launch within Q1-2022, revisit the VEGA option

✓ **ITU process**

- API/A and API/B in place



Conclusion



- ✓ **Important delay on Phase D and QAR**
- ✓ **ESA concern of ASL not on time for QAR and the impact on launch and mission objectives**

