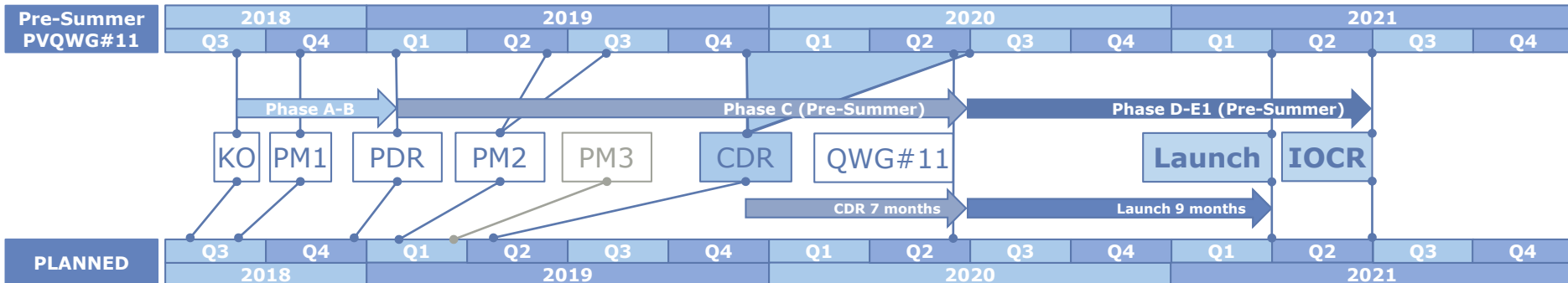


Proba-V QWG#12 (PVCC - ESA/TEC)

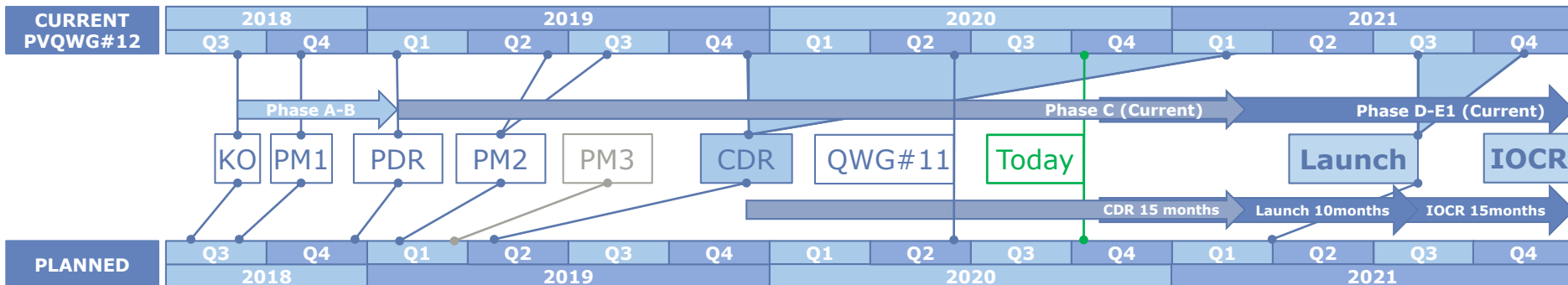
TEC-SPS

28/10/2020

ProbaV-CC - Status & Schedule



Proba-V CC Activity Overall Schedule



ProbaV-CC – Running and Upcoming Activities



- ✓ **CDR ongoing** (started Q4-2019 to be finished by ~~Q1-2020~~ -> Q1-2021)

- ✓ **Phase C CCN “Bridging” Activities** (finished by ~~Q2-2020~~ -> Q1-2021)
 - Bridge between Phase A/B/C and Phase D/E1
 - Phase C CCN complementary activities in order to:
 - Reach CDR level on GS (PDGS+FOS)
 - Reach CDR level on OBSW and AOCS SW
 - Perform STM qualification
 - Perform Structural and Thermal validation
 - Phase C CCN delayed. ASL priorities on RRF.

- ✓ **Phase D/E1** (finished by ~~Q2-2021~~ -> Q4-2021)
 - TEB ongoing
 - FRR: (May-2021)
 - Launch: (Launch widow Aug-Nov 2021)
 - ProbaV and ProbaV-CC Overlap being reduced



✓ **Launcher Selection**

- To include European/VEGA Launcher (Falcon 9 and PSLV initial options)
- To check compatibility of the current design (Critical for the PL/Instrument)
- Cost & Schedule

✓ **ITU process**

- Ideally to reuse current ASL application
- To reassess ITU status and way forward with ESOC/FAO
 - Need to restart process from scratch (initial input from ESOC/FMO)
 - Need for new RFA (Request for Frequency Assignment)
 - Process duration (>9 months) not compatible with current Launch window (Q3 2021)
- API submission to BIPT (Belgian Institute for Postal Services and Telecommunications) ([Week-18 2020](#)), API resent according to WRC2019 and Resolution-32 ([Week-22 2020](#)). Waiting for API/A publication (?).

Note: With Resolution 32, to submit the Notification to ITU once the satellite has been successfully launched, notification lasts maximum 3 years and without any possibility to extend it.

✓ FOS-REDU

- Demo of TMTCC capabilities ([Week-27 2020](#)), FOS and MCC ICD Status meeting ([Week-42 2020](#))
- Redu HW in the loop at ASL test (~~Summer/Q3~~ -> [Q1-2021](#))

✓ PDGS-VITO

- ICD from ProbaV and raw data needed for calibration and data ingestion validation already provided by VITO
- PVCC ICD to be shared by ASL
- Ingestion Validation VITO-ASL needs to be performed. According to ASL a separate VITO-ESRIN contract (?)