



DEVELOPMENT SPRINT REVIEW

CALENDAR WEEK 16.21

HIGHLIGHTS: Supplier reviews with each development squad completed: critical systems identified and actions derived.

Issue management reactivation to be completed this sprint.

Program Management Control Suite, as well as Issue Management Tool, rolled out.

LOWLIGHTS: Technical input car clinic moved to next sprint due to attachment to VTS Workshop.

VTS Workshop not possible this sprint.

BLOCKER: NVH CAE Package till SVC3, deprioritized for this sprint.

DVP Update, deprioritized for this sprint.

OVERALL PROJECT SVC2

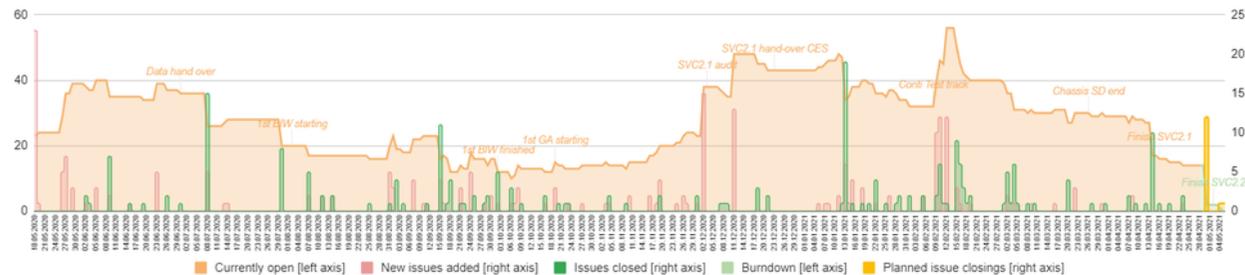
HIGHLIGHTS: Successful testing on Continental test track at Regensburg.

Audit of SVC2.2 took place at Roding → see QUAL.

OBC B-02 sample in SVC2.1.

Burndown chart 28.04.2021

SVC2 Issues since project start



LOWLIGHTS: Misunderstanding on connecting the PV body panels on SVC2.2

BLOCKER: None

RESTART

HIGHLIGHTS: NEVS onboarding.

LOWLIGHTS: None

BLOCKER: VTS alignment and release topic taken over, but lacking time driving the topic properly.

HIGHLIGHTS:

SOP: New Commodity Manager Info and E/E.
New Commodity Manager Body Structure.

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS:

SVC2: Optimization of the procedure for the handover inspection at Roding and product audit for the SVC2.2; → Handover SVC 2.2 was on 26.04.2021 (Roding).

SVC3: Definition of processes and swimlanes for Product-Development (Project- / Dev.-Handbook).

LOWLIGHTS: None

BLOCKER: None

HIGHLIGHTS:

Restart: Concentrate on hiring for the sprint - ongoing.

LOWLIGHTS: None

BLOCKER: None

BODY CLOSURE

HIGHLIGHTS:

NEVS manufacturing process working well. First-stage, big open questions/assumptions clarified.

SVC2.2 fix: front window seems to operate correctly now.

Last week with minimum resources.

Window regulator supplier RFQ follow up completed.

LOWLIGHTS: New team: lots of preparation required (consolidating 3+ yrs and decisions of history for new engineers).

Difficult to complete remaining Prio 1/2 RFQs atm (average 1-2hours per RFQ).

BLOCKER: SVC2 still takes time. No simultaneous working SVC2 & SVC3.

Resource. No new applications.

HIGHLIGHTS:

SVC3/Series: FE extension/restyling CAD updates complete, but need to be checked for feasibility and compatibility.

Front/Rear Lighting Concept Development shows lamps feasible for internals.

LOWLIGHTS: None

BLOCKER: None

BODY STRUCTURE

HIGHLIGHTS:

SVC3: Request data of body structure are available including production information:

- RPS.
- Contact surfaces.
- Tolerance definition.

NEVS Body Structure Shop team works well.

LOWLIGHTS: None

BLOCKER: None

INFOTAINMENT

HIGHLIGHTS:

SVC2: SVC 2.1 End-2-End testing was performed on the infotainment system and is good for the tour.

SVC3: Head-unit and speakers nomination moving closer

In discussion with suppliers to have an embedded amplifier in the head unit, instead of external.

LOWLIGHTS: SVC2: In End-2-End testing on OBC was not performed.

BLOCKER: None

HIGHLIGHTS:

SVC3: Good alignments with NEVS about assembly sequence.

Good progress on the compressor bracket.

Packaging for new heater confirmed by CAD team.

LOWLIGHTS: SVC2: New damping elements did not work. New solution is already ordered.

BLOCKER: None

HIGHLIGHTS:

SVC3: Regen brake strategy decided.

Great process planning review with NEVS. Overall manufacturing concept is the same we had. Good design suggestions. 1 blocking point to be addressed.

LOWLIGHTS: SVC3: MTS depending on tech decisions to be finished.

2 colleagues affected by Indian travel restrictions.

BLOCKER: None

HIGHLIGHTS:

SVC3: BOM (Cost/Weight) Updates but need to be transferred.
LABCAR Frame designed.

LOWLIGHTS: SVC2: Sim-fuse testing has not taken place yet (parked).

SVC3: EE / BIW Interfaces, Grounding, Retainers, Grommet Positions, Brackets (due 30/04).
Recruiting.

BLOCKER: SVC3: Bench budget.

DT Response.

HIGHLIGHTS:

SVC2: Successful.

HVAC Working in SVC2.2 (Regensburg), waiting for final software release.

Testing on SVC2.2 at Nürnberg was successful.

Brake booster issue fixed temporarily.

Parts ordered to fix permanently.

LOWLIGHTS: SVC3: Requirement tool selection still ongoing, required for VCU.

Recruiting.

BLOCKER: SVC2: OBC precharge error hard to solve.

VIRTUAL VEHICLE COMPETENCE CLUSTER

HIGHLIGHTS: 2 new CAD-Engineers starting in May.

LOWLIGHTS: 12 Tasks in backlog: SVC2 update

BLOCKER: None

HIGHLIGHTS:

SVC3:

Exterior: summing up all surface-driven and technical-driven issues for the next styling loop.

Loop 02 planned for mid-June.

Interior: styling CAS is being evaluated by Engineering ESP.

Styling loop 02 planned for July/August.

OpenNext! mentorship ongoing: developing 2 projects with the community. Lockable trunk box for sharing and a phone holder.

LOWLIGHTS: None

BLOCKER: None

PROCESS OWNER COMPETENCE CLUSTER

HIGHLIGHTS:

Recruiting documentation BOM.

Recruiting documentation VTS.

Regular meeting with PO's.

LOWLIGHTS: None

BLOCKER: Low feedback from responsible change request drivers.