

519A MILESTONE/GATEWAY SUMMARY REPORT



Milestone/Gateway: Program Start
242402 VEHICLE HARDWARE

Organisation: 93000

Report Week: (2016-05-31 1
Report Author: Patrik Lundgren

Milestone/Gateway purpose

The purpose at <PS> is to start the program and set prerequisites, mission, targets and program finance and to get program funding approval up to <PC> (Program Confirmation).

Decisions to be taken

Decide program mission, targets and finance.

Start of program including program funding up to <PC>.

Decide if a separate LLF-decision is necessary prior to the <PC>-timing.

Decide program prerequisites including but not limited to:

- Decide Vehicle program plan (VPP).
- Confirm Single Model Selection (SMS).
- Confirm sourcing plan.
- Decide Quality target.
- Confirm Selection of technical systems:
 - Function Decision Alternative (FDA).
 - Preliminary selection of dimensional and systems (PS-systems) according to sign off plan.

Program Content

- DECOUPLE

- 12V Enhanced Regean
 - Body
 - Interior
 - Func Black Trim
- 48V E-KERS
 - Body
 - Interior
 - Func Black Trim

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- VEA GEN3
 - Exterior
 - Body
 - Func Black Trim
- ADAS
 - Interior
 - Exterior
- iCUP
- Face Lift
 - XC90
- PM2.5
- V-PHEV
- Legal
 - Top Tether
- CO2
 - R1234YF Refrigerant US
- Labels

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Information on made agreements

- DECOUPLE
 - 12/48V & VEA GEN3
 - Not use Std battery sudy (100mm)
 - Cable routing behind load floor supprt
 - ADAS
 - Both XC90 & S/V90
 - No changes on S/V90 soft nose & spoiler. Only lower mesh
- Face Lift
 - Only for XC90
- PM2.5
 - Only Chines market
 - Missing in-port in CCM
- V-PHEV
 - Develop so called "Flat rear floor"
- Legal
 - Top teather
 - Follow V43X concept.
 - Request from PSVL of C/O plastic covers
 - Requist from Design: Study how can the cover be smaller
- CO2
- Labels

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Key open issues

VCU1 position

- VCU1 (KERS, PHEV & BEV). different alternatives for position. Modify B&T parts? YELLOW

12/48V Power Supply

- Cable routing 48V wheel house routing not decided. for now YELLOW

VEA GEN3

- VEA GEN3 might drive non integrated end pipes. YELLOW

ADAS

- Driver Monitoring Camera position in IP speaker mesh not fully developed & approved. YELLOW
- ADAS intro V54X 519A. Unclear if main track is radar behind emblem or lwr mesh YELLOW

iCUP

- iCUP drives a 4" DIM à V526 IP without FWC. Proposal to keep plastic collide w/o LED. YELLOW

V-PHEV

- Package V-PHEV ongoing Work ongoing. Package meeting started YELLOW
- GPF package discussion initiated. YELLOW

Advanced Air Cleaner Sensor

- PM2.5 in-port in CCM is missing EE&C attention. YELLOW
- PM2.5 sensor position glove box concealing. Not logged decision. YELLOW

Face Lift

- Chrome list length Too long. Should be divided. Design to come back YELLOW

Investigation

- USB-C front tunnel ongoing but USB-C in 2nd row is unclear position.
- Larger tank V-PHEV: B&T Consequences not clarified

EXTRA

- V431 R-Design moved to 519A or not
- V431 8 exterior colors moved to 519A?
- New upholstery concept for R-design incl. a light version. Unclear

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Recommendations and wanted decisions

B&T UTM Recommendation: Gate open to <PC>