

M0 MD Declaration

Product: Ruby

Sub-project leader: Armin Toth

Appendices: checklist, risklist

M0 is hereby declared for MD

MD sub-project leader

A. Toth, 21.02.06

MD Line Manager / Department Manager

J. Kicsi, 21.02.06

M0 Product is defined
Mechanics

Project leader HW / part project leader (PPL) mechanic design has been designated by the department head

Detailed Primavera project plan from M0 to M1 showing dedicated resources by name is available

Rough Primavera project plan from M1 to M3/S4 showing dedicated resources on department level is available

Product design concept (Industrial Design concept) available from PDM (technologies, sketches, renderings, materials, number of designs)

Preliminary (90%) PCB dimensions, barred areas and height profile are available

Antenna Mockup 1 for EA assessment delivered to EA

Antenna Mockup 2 for EA assessment delivered to EA

Requirements catalog achievable with available technologies / know-how by the specified S3 deadline

I3 results or catalogue of measures to achieve I3 status from relevant predevelopment projects until M1 are available.

Mechanical interface(s) to accessories defined and agreed (e.g. clip-it covers or car cradles)

Mechanical design-dependent components for Logic-, EMC-, RF- and Layout-concept agreed between HW and MD.

Mechanical design concept (Assembly concept) and accessory interfaces are defined (including shielding, PCB, acoustics, antenna, battery, display, camera, connections, ...) coordinated and agreed with involved departments and suppliers

ID data for mock ups are agreed between MD and PDM

Connection technique defined (e.g.: connectors, display) and agreed between MD and HW.

Draft Partlist for mechanics available (Status 99) for DTC measures

Standard components (especially electro mechanics) defined and availability proofed

Inputs (Schedule, Spec., ...) for PPP (preliminary product profile) for mechanic relevant components and technologies available

System-FMEA (RMEA) has been performed (Input for S0-Workshop)

Results from design acceptance tests are available and action plan coordinated

Proposal for "S"-, "Y"- and "N"-parts available

Product related second solution and second source agreed with Procurement.

- *** Risks and results from System-FMEA:**

Environmental Test requirements may not be passed due to sensitive components.

Connection to VGA camera not yet defined finally (risk for antenna performance).

Predevelopment projects not yet finalized.

Keylock with slider switch causes high risk (may not be implemented as slider - under investigation).

Completed on: Initials and Date
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
Predevelopment parallel to project development *)
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006 *)
AT, 20.02.2006
AT, 20.02.2006
AT, 20.02.2006