

**M0 SW Declaration**

Product: Jerry

Appendices:

**M0 is hereby declared for Software**

PL-SW: Yang Yong Qiang

Yang Yong Qiang 23.02.06

SW Head: Juergen Bonfert

Juergen Bonfert 23 FEB '06  
Fu (K) PL  
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PL-Feature: Hu Chun Yan

Hu Chun Yan 23.02.06

PL-Feature: Li Kang

Li Kang 23.02.2006

PL-DL: Allan Hansen

Allan Hansen 01.03.2006



## Software Checklist

		Completed on: Initials and Date
1	Project Leader SW has been designated by the department head.	OK 2006-02-23
2	PL Features are been designated by the department head	OK 2006-02-23
3	SW quality assurance (SW QA) has been designated	OK 2006-02-23
4	Detailed Primavera project plan from M0 to M1 showing dedicated resources by name is available.	OK 2006-02-23
5	Rough Primavera project plan from M1 to M3/S4 showing dedicated resources on department level is available	OK 2006-02-23
6	All M-alpha requirements are assigned to Component Projects (Architectural Analysis of requirements completed by System Architect)	NA
7	M0 version of milestone planning for SW component projects (platform) is available and in line with product requirements	NA
8	Requirement specification (M0 quality) agreed	Some requirements to be clarified with VF 2006-02-23
9	Accessory related requirements for the SW design (incl. MMI) are available.	OK 2006-02-23
10	Requirement specification accessory related (M0 quality) agreed	Reused from Aries
11	M0 Freeze version of R&D featurelist is available	OK 2006-02-23
12	Deviations between operator requirements and "to be implemented functionality" as of R&D are agreed.	Some requirements to be clarified with VF 2006-02-23
13	Result of feasibility check on General technical service requirements is available.	OK 2006-02-23
14	Software Supplier Management: Handled according to SSMP (Software Supplier Management Process)	OK 2006-02-23
	14.1...Project Outsourcing Manager designated	OK 2006-02-23
	14.2...Make-or-Buy-Decision "Deliverables" made	OK 2006-02-23
	14.3...Start NDA process	NA
	14.4...Creation of Technical Requirements Specification "Deliverables"	NA
15	Draft project plan for application delivery (alpha, beta and gold master) is available from AS PM and in inline with product requirements	OK 2006-02-23
16	Applications: timelines & deliverables for application development environment (e.g. for specific phone functions like running Java VM on B1+ @ S25), phone emulator/SMTK) are planned within SW-component projects (CS0 status) and are aligned with PM AS	NA Sprint Planning
17	Feasibility to fulfill requirements from applications is confirmed	Some requirements to be clarified with VF 2006-02-23
18	User Interface (UI) style guide, User Interface (UI) concept: aligned version after review by R&D and TI is available	Only VF UI flow available with some part missing 2006-02-23
19	Design for all (dfa) compliance is confirmed by UE	Only VF Style guide



		available 2006-02-23
20	User Interface (UI) style guide, UI concept for accessory devices: aligned version after review by R&D and TI is available	
21	Feasibility to fulfill feature requirements on Software, HW and MMI from Customer Care is confirmed	OK 2006-02-23
22	First concept is aligned with factory, Requirements to SW from the factory are available	Reused from Aries 2006-02-23
23	Necessary test tools (Radio) and testing concept agreed with SW; availability of tools committed by SW	Reused from Aries 2006-02-23
24	EMC SW defined with SW, necessary test tools and testing concept agreed with SW; availability of tools committed by SW	OK 2006-02-23
25	Digital and Mixed Signalling HW: Hardware/Software interface and function distribution coordinated (hardware description and list of requirements on the software, port pin list is available)	OK 2006-02-23
26	Digital and Mixed Signalling HW: Product related deviations are agreed with PL SW.	OK 2006-02-23
27	Product related SW project folder is created according platform documentation standard	OK 2006-02-23
28	Result of rough estimation of CODE/RAM/EEPROM size available	Reused from Aries 2006-02-23
29	Requirements to SW from System Test are available	OK 2006-02-23
30	Risk Management Plan available	OK 2006-02-23

#### Req. critical open issues:

Description	Comment	Effort	Risk
The terminal shall handle the sending process of messages (MMS, e-mail, Instant messages, SMS, USSD) in the background without negatively effecting the applications used after the sending of the messages has been initiated by the customer.	Propose to drop, high effort and risk.	High	High
If a message can not be sent, (e.g. due to an out of coverage problem) than the messaging client shall offer the possibility to retry to the customer. The retry time must be configurable for the customer.	A lot of scenarios need to be considered.	High	Low
The actual receiving of a MMS shall take place in the background, i.e. customers shall be able to perform other tasks (e.g. browsing folders) with the device in parallel.	Propose to drop, high effort and risk.	High	High
The terminal shall enable users to select image in a message to display as original size with horizontal/vertical scrolling bar.	Propose to drop. Not support in current MMS editor.	High	Low



<p>Standard vCard version that should be supported by the device is vCard2.1. vCard3.0 shall be only import supported.</p> <p>Conform following about character encoding and Transfer-encoding. in the case of conversion to vCard format:</p> <ul style="list-style-type: none"> <li>- When receiving (importing) vCard, the terminal shall support the following CHARSET Parameters: UTF-8, US-ASCII, ISO-8859-1, Shift_JIS. In addition, when CHARSET property is not present in the vCard, The vCard shall be assumed to be encoded using ISO-8859-1. For Japan, it shall be regarded as Shift_JIS.</li> <li>- When sending (exporting) vCard, When the character string other than 'IA5-ascii' is set to Property Value, CHARSET Parameter which shows character encoding must be specified. At this time, CHARSET Parameter should specify UTF-8. For Japan, CHARSET Parameter should specify Shift_JIS.</li> <li>- When Property Value becomes two or more lines, ENCODING Parameter which shows Transfer-encoding must be specified. At this time, ENCODING Parameter should specify QUOTED-PRINTABLE. The example of Format which specifies ENCODING Parameter is shown following: &lt;example&gt;:[Property name];ENCODING=QUOTED-PRINTABLE:[Property Value]</li> </ul>	<p>Propose to drop vCard v3.0 requirement. To be checked which character sets are supported for vCards in SGL platform.</p> <p>No use case in VF Simply. Can we drop it?</p> <p>Thomas(Feb 17): Should be dropped. vCard2.1 is ok.</p>	Medium	Medium
<p>The device must support distribution list within the address book for managing contacts.</p>	<p>Distribution list only supported in SG2 platform. Propose to drop this requirement.</p>	High	Medium
<p>In case an event (e.g. an incoming call, battery low) interrupts the current use case the user shall be taken back to the last screen with the same state as before the interruption.</p> <p>Related Principle: Give the user control</p> <p>Example Use Cases to check:</p> <ul style="list-style-type: none"> <li>- Calls - I receive a video call from someone not stored in my Contacts</li> <li>- Calls - I receive a video call from someone stored in my Contacts</li> <li>- Calls - I receive a voice call from someone stored in my Contacts</li> <li>- Calls - I receive a voice call from someone not stored in my Contacts</li> </ul>	<p>Not supported in SGL and SG2 platforms, very high effort and risk. Architectural design limitation. Around 10 Man months effort for redesign the architecture.</p> <p>Option in case this cannot be dropped: Implement this for few special cases, e.g. message editors.</p>	High	High



<p>The candidate word list (while in single-tap entry) shall be organised dynamically based on the user's frequency of use for each word.</p> <p>Related Principle: Encourage usage</p> <p>Example Use Cases to check:</p> <ul style="list-style-type: none"> <li>- Messaging/MMS - I add text to an MMS</li> <li>- Messaging/Postcard - I add text to a postcard</li> </ul>	<p>Propose to drop.</p> <p>2 man months efforts. Nice to drop.</p>	Medium	Low
<p>The symbol list shall contain in addition to the special characters the major emoticons ( i.e. :) , :( , :  , :D, ;).</p> <p>Related Principle: Encourage usage</p> <p>Example Use Cases to check:</p> <ul style="list-style-type: none"> <li>- Messaging/MMS - I add text to an MMS</li> <li>- Messaging/Postcard - I add text to a postcard</li> </ul>	<p>No support for multiple characters in symbol table.</p> <p>Propose to drop.</p>	Medium	Low
<p>Moving from one terminal area to another (e.g. from contacts to the log) shall be emphasised by animated screen transitions.</p>	<p>Transitions seem to be challenging work, especially partial-screen transitions.</p>	High	Medium
<p>Menu item horizontal text scrolling</p>	<p>Is there a situation in which a long text scrolls horizontally with an icon in front? Can we keep our scrolling style (end of text and beginning of text are not visible at the same time)? Missing knowledge about this part of SW, it's in low layer SW, high risk for changing it.</p>	Medium	High
<p>Text Editor</p>	<p>Main text editor differences to SGL platform:</p> <ul style="list-style-type: none"> <li>- T9 word proposals in list</li> <li>- Different keys for T9 on/off and small/cap. letters</li> <li>- Different multi-tap key mappings</li> </ul>	High	Medium
<p>Messaging</p>	<p>In SGL75 there are separate inboxes for SMS and MMS, also for Sent folder. Possible solutions for Sent folder:</p> <ul style="list-style-type: none"> <li>- Merge the two folders (4 MM)</li> <li>- Discuss with Vodafone?</li> </ul>	Medium	Medium



	Will MMS 1.1 be sufficient (1.2 requested)? Effort for update MMS client to version v1.2 is about 20 man months.	High	High
MMS Startup	Vodafone: Can we exchange the order of copy SIM to AB and date/time setting?	Medium	Medium
SyncML remote synchronization	Reimplementation of SyncML remote synchronization necessary. No sync of SIM phonebook possible yet in SGL, would this be acceptable? We don't need sync between SIM card and network-- firstly, do the sync between sim and phone, then do sync between phone and network	High	Medium
Messaging	Discuss MMS editor layout with Vodafone - can we basically keep SGL layout with stripped-down features? Missing knowledge, high risk for changing.	High	High
Change PIN	New dialog "Change PIN": Can we keep our platform solution with several dialogs for changing codes rather than a combined one?). Missing knowledge, old codes, high risk for changes.	Medium	High
Messages Settings	Secondary input language negotiable? Would require upgrade to T9 v7.x, integration layer effort, UI effort	High	Low
Call Forwarding	6 man months effort. Different divert control flow - should be negotiated with Vodafone to keep SGL solution due to risks	Medium	High

USB 1.1	Clarify whether SGL platform support USB.		
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