

Source: Secretary

Title: Status and Content of Release 6

Agenda item: 5.2

Document for:

Decision	
Discussion	
Information	X

1 Introduction

This document provides a complete list of the features that are currently expected to be included within Release 6 and is accurate as of 1st October 2002.

At the end of this document is included a Gantt Chart showing the progress made in completing Release 6 and the expectations for the completion of the outstanding work.

Features foreseen to belong to Release 6

Note: Feasibility Studies and Study Items are not listed here.

Improvements of Radio Interface

Will include:

- Multiple Input Multiple Output antennas (MIMO).
- Improving Receiver Performance Requirements for the FDD UE.
- FDD BS classification.
- Improvement of inter-frequency and inter-system measurements

RAN improvements

Will include:

- Improvement of RRM across RNS and RNS/BSS.
- Beamforming Enhancements

MMS (Multimedia Messaging Service) Enhancements

Discussions on-going on the Rel-6 enhancements.

Security enhancements

Will include:

- Enhanced HE control of security (including positive authentication reporting)
- A5/3 – GSA3 Algorithm
- Protocol definition for automatic distribution of MAP security keys (Ze-interface)

Multimedia Broadcast/Multicast Service (MBMS)**Enable bearer independent CS architecture Rel-6**

- Preferred Framing Protocol

Network Sharing**Push Services****Wireless LAN / UMTS interworking****MExE Enhancements Rel-6****LCS enhancements 2**

Will include:

- Enhancements on Le interface
- Interactions with 3GPP Generic User Profile
- Enhanced User Privacy
- GMLC - GMLC interface
- Relationship between Location Services and Presence service
- New events for triggered location reports
- UE positioning enhancements: Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods

IMS Phase 2

will include:

- Identification portability (was number portability) in IMS
- IMS local services
- Specification of the interface at Sr
- Radio optimisation impacts on PS domain architecture
- IMS Messaging
- IMS Group management
- IMS Conferencing
- IMS to PS interworking
- Enhancements on IMS/CS interworking
- Service continuity IMS to UMTS/GSM CS
- PSS alignment to IMS
- IMS Messaging
- Additional SIP Capabilities Support
- Emergency Calls in IMS
- Commonality and Interoperability between IMSs
- Mn (MGCF – IM-MGW) interface protocol definitions
- Mp (MRFC – MRFP) interface protocol definitions
- Performance evaluation of multimedia codecs for conversational services

Generic User Profile**Digital Rights Management****Speech Recognition and Speech Enabled Services****Priority Service****Rel-6 OSA enhancements****Emergency call enhancements Rel-6**

Will include:

- Emergency calls from UEs without UICC/(U)SIM in Networks containing an IMS.
- Emergency call enhancements for IP & PS based calls with (U)SIM.

OAM Improvements

Will include Trace Management.

Support for Subscriber Certificates**Charging Management****UICC/(U)SIM enhancements and interworking**

will include:

- "C SIM API".
- Enhancement of UICC-Terminal interface communication speed.

Subscription Management**Presence****QoS Improvements**

Will include "Dynamic Policy control enhancements for end-to-end QoS".

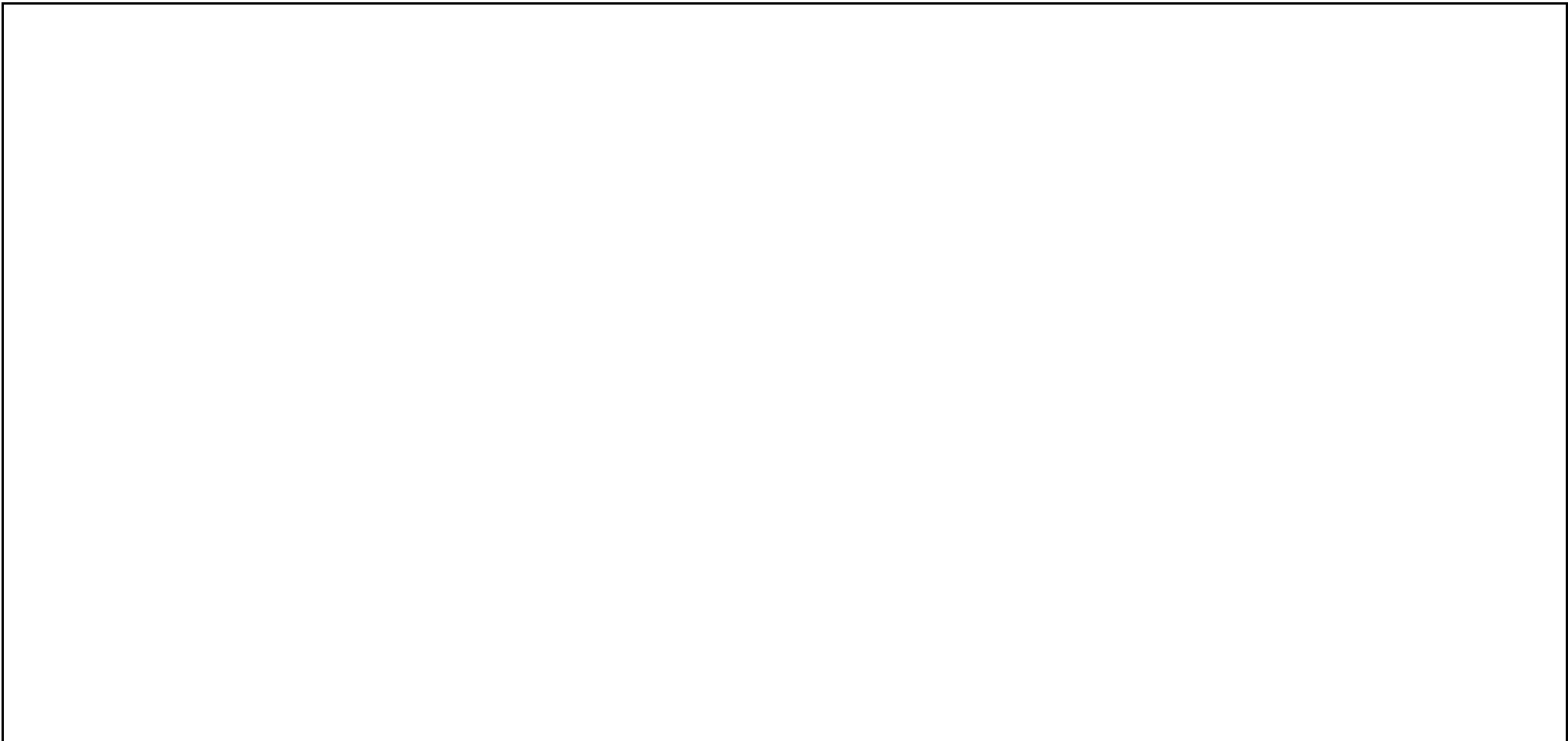
PS Streaming**GERAN Enhancements**

Will include:

- Enhanced A/Gb feasibility study
- Seamless support of streaming services in A/Gb mode
- Flexible Layer One for GERAN
- Addition of frequency bands to GSM
- Uplink TDOA feasibility study
- Support of the Multimedia Broadcast Multicast Service (MBMS) in GERAN

ID	Unique_ID	Name	Release	Resource No	Qtr 1, 2002			Qtr 2, 2002			Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	2044	VERSION 2002 September 26th	Rel																
2	1462	"CTRL + a" to display all the 3GPP fields																	
3	2058	Content of Rel4 and Rel5 frozen. Rel6 and after no	Rel																
4	0		Rel																
5	96																		
6	2	Evolutions of the transport in the UTRAN	NA	TSG RAN															
7	4	Evolutions of the transport in the CN	NA	WG CN4															
8	1216	Improvements of Radio Interface	NA	TSG RAN															
25	9	RAN improvements	NA	TSG RAN															
31	1652	Emergency call enhancements	Rel6	WG CN1															
40	1826	Terminal interfaces	NA	WG T2															
41	32023	Location Services enhancements 2	Rel6	WG SA2															
52	1800	(U)SIM toolkit enhancements	NA	WG T3															
59	1571	Security enhancements	NA	WG SA3															
66	1861	Miscellaneous UE Conformance Testing Activities	NA	WG T1															
74	32021	IMS Phase 2	Rel6	WG SA1															
99	1365	Support of Push Services	Rel6	WG SA1															
103	42009	Multimedia Messaging (MMS) enhancements	Rel6	WG T2															
108	42005	Rel-6 MExE enhancements	Rel6	WG T2															
111	1142	Charging and OAM&P	NA	WG SA5															
112	2062	Subscription Management	Rel6	WG SA5															
113	2499	Support of Presence Capability	Rel6	WG SA1															
120	31028	Presence Service Enhancements	Rel6	WG SA1															
121	2527	Emergency calls without UICC/SIM in netw. with IM	Rel6	WG SA2															
124	50056	Enhanced A/Gb feasibility study	TBD	TSG GERAN															
132	50063	Flexible Layer One for GERAN	TBD	TSG GERAN															
151	50041	Uplink TDOA feasibility study	Rel6	TSG GERAN															
152	35009	Trace Management	Rel6	WG SA5															

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					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
153	2544	Multimedia Broadcast and Multicast Service	Rel6	WG SA1	█														
172	31006	Speech Recognition and Speech Enabled Service	Rel6	WG SA1	█									◆					
176	31008	Generic User Profile	Rel6	WG SA1	█														
182	31010	Digital Rights Management	Rel6	WG SA1	█									◆					
188	31012	FS on WLAN-UMTS Interworking	Rel6	WG SA1										◆					
192	31015	Priority Service	Rel6	WG SA1										◆◆					
195	31018	Network Sharing	Rel6	WG SA1	█									◆					
197	32016	QoS Improvements	NA	WG SA2							█			◆					
199	33002	Support for subscriber certificates	Rel6	WG SA3	█									◆					
202	1637	OSA enhancements - To be merged with next one	NA	WG SA1	█									◆					
211	15010	Rel-6 OSA enhancements	Rel6	WG SA1	◆ █														
225	50401	Addition of frequency bands to GSM	Rel6	TSG GERAN							█			◆					
230	50130	Seamless support of streaming services in A/Gb m	Rel6	TSG GERAN							◆			◆					
237	34300	Performance characterisation of default codecs for	Rel6	WG SA4										█					



Project: 3GPP_Work Plan Date: Wed 02/10/02	Critical		Baseline Milestone		Rolled Up Split	
	Critical Split		Milestone		Rolled Up Task Progress	
	Critical Progress		Summary Progress		Rolled Up Baseline	
	Task		Summary		Rolled Up Baseline Milestone	
	Split		Rolled Up Critical		Rolled Up Milestone	
	Task Progress		Rolled Up Critical Split		External Tasks	
	Baseline		Rolled Up Critical Progress		Project Summary	
	Baseline Split		Rolled Up Task			