

Source: Secretary

Title: Frozen contents of Release 7

Agenda item: 6.2

Document for:

| | |
|-------------|----------|
| Decision | |
| Discussion | |
| Information | X |

1 Introduction

This document provides the present status of the definition of the content of Release 7.

The intention is to freeze Release 7 features' stage 1 by June, so Stages 2 and 3 can be completed in the next nine-months period.

2 Release 7 features

IMS enhancements

It consists of:

- IMS Stage-3 IETF Protocol Alignment
- Mp (MRFC - MRFP) interface protocol definitions
- IMS Local services:

CS Video and Voice Service Improvements (other than Redial)

The Redial Solution for Voice-Video Switching is part of Release 6

For Release 7, Other solutions are being investigated.

PS domain and IMS impacts for supporting IMS Emergency calls

System enhancements for fixed broadband access to IMS

RAN Release 7 features

It consists of:

- Multiple Input Multiple Output antennas (MIMO)
- RAB support enhancement: Optimisation of DL channelisation code utilisation for 1.28 Mcps TDD
- 7.68 Mcps TDD

Rel-7 Improvements of the Radio Interface

It consists of:

- UMTS2600

- UMTS900
- UMTS2600 TDD Option
- UE Antenna Performance Evaluation Method and Requirements

Enhancement of E2E QoS**LCS enhancements 3**

It consists of:

- LCS for 3GPP Interworking WLAN
- Velocity
- GERAN's LCS/LBS Enhancements

U-TDOA positioning method in RAN**GALILEO**

It consists of:

- Extension of A-GPS to include GALILEO and other satellite navigation systems
- Work to be re-started after availability of Galileo specifications

Selective Disabling of UE Capabilities**Enhancements of Enhancements of Voice Group Call Services (VGCS) in public networks****Multi system mobile stations**

Feature name changed, previously known as "Behaviour of multi system terminals"

Combinational Services

Created during SA#26 based on work on FS on adding media to CS calls and IMS sessions

Priority Service Rel-7

The Multimedia Part is for Rel-7, the other aspects remain in Rel-6.

CAMEL Rel-7

It consists of:

- Camel Trunk Triggers

OSA Improvements Rel-7**OAM&P Rel-7**

In full: Operation, Administration, Maintenance and Provisioning

It consists of:

- Signalling Based Activation (SBA) of Trace in IMS (CN1/IETF dependency on SIP)
- CN1 task on trace activation/deactivation over SIP between IMS entities
- CN4 task on trace activation/deactivation over Cx interface

GERAN Rel-7

It consists of:

- MS Antenna Performance Evaluation Method and Requirements
- Lower 700 MHz Inclusion in the GERAN Specifications

Rel-7 OSA enhancements

Review of Network Selection Principles

Videotelephony teleservice

Voice call continuity between CS and IMS (incl. I-WLAN)

Enhancement of I-WLAN Scenario 3

Access Security Enhancements

Development of UEA2 and UIA2

Security Requirement for Open Platforms in 3GPP

Performance Characterization of VoIMS over HSDPA/EUL channels


























Dynamic and interactive multimedia scenes

Combining CS and IMS Services Stage 3

| ID | Jnique_IC | Name | Release | Early | Resource Names | Modific | Acronym | Qtr 1, 2005 | | | Qtr 3, 2005 | | |
|----|-----------|---|---------|-------|----------------|---------|------------------|-------------|-----|-----|-------------|-----|-----|
| | | | | | | | | Jan | Mar | May | Jul | Sep | Nov |
| 1 | 2044 | VERSION 2005 March 25th | | No | | No | | | | | | | |
| 2 | 1462 | "CTRL + a" to display all the 3GPP fields | | No | | No | | | | | | | |
| 3 | 2058 | Content of Rel-7, not frozen. | | No | | No | | | | | | | |
| 4 | 0 | | | No | | No | | | | | | | |
| 5 | 0 | Rel-7 Features listed below | Rel-7 | No | | No | | | | | | | |
| 6 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel-7 | No | R1 | No | MIMO | | | | | | |
| 11 | 32045 | PS domain and IMS impacts for supporting IMS Emergency calls | Rel-7 | No | S2 | No | EMC1 | | | | | | |
| 18 | 32064 | Access Class Barring and Overload Protection | Rel-7 | No | S2 | No | ACBOP | | | | | | |
| 24 | 31048 | USSD message delivery and transfer to USIM | Rel-7 | No | S1 | No | USSD-USIM | | | | | | |
| 27 | 32079 | Location Services enhancements Rel-7 | Rel-7 | No | S2 | No | LCS3 | | | | | | |
| 28 | 31052 | LCS for 3GPP Interworking WLAN | Rel-7 | No | S1 | No | LCS3-IWLAN | | | | | | |
| 30 | 20030 | UE positioning Rel-7 | Rel-7 | No | RP | No | LCS3-UEpos | | | | | | |
| 32 | 50558 | LCS Enhancements Related to Location-Based Services | Rel-7 | No | GP | No | LCS3-LBS | | | | | | |
| 33 | 32029 | FS on applicability of GALILEO for LCS | Rel-7 | No | S2 | No | Galileo | | | | | | |
| 36 | 31050 | Behaviour of Multi system UEs | Rel-7 | No | S1 | No | BMSU | | | | | | |
| 37 | 31053 | Selective Disabling of UE Capabilities | Rel-7 | No | S1 | No | SDoUE | | | | | | |
| 40 | 31063 | Combinational Services | Rel-7 | No | S1 | No | IRTSD-IMSCSs1 | | | | | | |
| 44 | 31067 | All-IP Network (AIPN) | Rel-7 | Yes | S1 | No | AIPN | | | | | | |
| 47 | 32073 | Enhancement of E2E QoS | Rel-7 | No | S2 | No | QoS7 | | | | | | |
| 48 | 32074 | System enhancements for fixed broadband access to IMS | Rel-7 | No | S2 | No | FBI | | | | | | |
| 51 | 32005 | IMS Local services (CN WID needed) | Rel-7 | No | S2 | No | IMSLocal | | | | | | |
| 55 | 11052 | IMS Stage 3 IETF Protocol alignment | Rel-7 | No | C1 | No | IMSProtoc | | | | | | |
| 56 | 20028 | Rel-7 Improvements of the Radio Interface | Rel-7 | No | RP | No | RInImp | | | | | | |
| 57 | 20021 | UMTS 2.6 GHz | Rel-7 | No | R4 | No | RInImp-UMTS2600 | | | | | | |
| 58 | 20025 | UMTS 2.6 GHz TDD | Rel-7 | No | R4 | No | RInImp-UMTS2600T | | | | | | |
| 59 | 20027 | UMTS 900 MHz | Rel-7 | No | R4 | No | RInImp-UMTS900 | | | | | | |
| 60 | 20024 | UE Antenna Performance Evaluation Method and Requirements | Rel-7 | No | R4 | No | RInImp-UEAnt | | | | | | |
| 61 | 20032 | Improved support of IMS Realtime Services using HSDPA/HSUPA | Rel-7 | No | R2 | No | | | | | | | |
| 62 | 20014 | 7.68Mcps TDD option | Rel-7 | No | RP | No | VHCR TDD | | | | | | |
| 68 | 20029 | Rel-7 RAN improvements | Rel-7 | No | RP | No | RANimp | | | | | | |

| ID | Jnique_IC | Name | Release | Early | Resource Names | Modific | Acronym | Qtr 1, 2005 | | | Qtr 3, 2005 | | |
|-----|--------------|--|--------------|-----------|----------------|-----------|-------------------|-------------|-----|-----|-------------|-----|-----|
| | | | | | | | | Jan | Mar | May | Jul | Sep | Nov |
| 69 | 20026 | Optimisation of channelisation code utilisation for 1.28 Mcps TDD | Rel-7 | No | R1 | No | RANimp-RABSE-Cor | | | | | | |
| 70 | 20031 | CS and PS Call Setup Delay Improvement | Rel-7 | No | R2 | No | | | | | | | |
| 71 | 20033 | UE Performance Requirements for MBMS (TDD) | Rel-7 | No | R4 | No | MBMS-RAN-RF-TDC | | | | | | |
| 72 | 20034 | FS on Perf Eval of the UE behaviour with speeds up to 350 kmph | Rel-7 | No | R4 | No | | | | | | | |
| 73 | 20035 | 3.84 Mcps TDD Enhanced Uplink | Rel-7 | No | RP | No | EDCHTDD | | | | | | |
| 79 | 32081 | Support of SMS and MMS over generic 3GPP IP access | Rel-7 | No | S2 | No | SMSIP | | | | | | |
| 80 | 32082 | Evolution of Policy Control and Charging | Rel-7 | No | S2 | No | PCC | | | | | | |
| 81 | 31051 | Advanced Global Navigation Satellite System (A-GNSS) concept | Rel-7 | No | S1 | No | LCS3-AGNSS | | | | | | |
| 84 | 50553 | Generic Access to A/Gb Interface (GAAI) - move to Release 6 | Rel-7 | No | GP | No | GAAI | | | | | | |
| 89 | 34030 | Video Codec Performance Requirements | Rel-7 | No | S4 | No | VICPer | | | | | | |
| 90 | 13023 | DIAMETER on the GGSN Gi interface | Rel-7 | No | C3 | No | DIAMGi | | | | | | |
| 91 | 31065 | CAMEL Trunk Triggers | Rel-7 | No | S1 | No | TTCAMEL | | | | | | |
| 94 | 50118 | MS Antenna Performance Evaluation Method and Requirements | Rel-7 | No | G1 | No | APEMR | | | | | | |
| 95 | 50119 | Lower 700 MHz Inclusion in the GERAN Specifications | Rel-7 | No | GP | No | GSM710 | | | | | | |
| 96 | 32085 | 3GPP System Architecture Evolution | Rel-7 | No | S2 | No | Evol | | | | | | |
| 99 | 31049 | Enhancements of VGCS - (to be clarified) | Rel-7 | No | S1 | No | EGCS | | | | | | |
| 107 | 31071 | Rel-7 OSA Service broker | Rel-7 | No | S1 | No | OSA7-SB | | | | | | |
| 110 | 34032 | Dynamic and interactive multimedia scenes | Rel-7 | No | S4 | No | DIMS | | | | | | |
| 111 | 34033 | Performance Characterization of VoIMS over HSDPA/EUL channels | Rel-7 | No | S4 | No | PCVoIMS | | | | | | |
| 112 | 33022 | Liberty Alliance and 3GPP Security Interworking | Rel-7 | No | S3 | No | LibSec | | | | | | |
| 113 | 31054 | FS on IMS with real time services deployment | Rel-7 | No | S1 | No | IRTSD | | | | | | |
| 117 | 50552 | FS of enhanced support of Video Telephony | Rel-7 | No | GP | No | VIDGER | | | | | | |
| 118 | 20023 | FS on Evolved UTRA and UTRAN | Rel-7 | No | RP | No | RANFS-Evo | | | | | | |
| 119 | 31075 | Study on Videotelephony teleservice | Rel-7 | No | S1 | No | VidTel | | | | | | |
| 121 | 31073 | Study of Network Selection Principles | Rel-7 | No | S1 | No | NetSel | | | | | | |
| 123 | 31062 | TBC: WLAN-UMTS Interworking Phase 2 | Rel-7 | No | S1 | No | | | | | | | |
| 126 | 35041 | TBC: OAM&P Rel-7 | Rel-7 | No | S5 | No | | | | | | | |
| 130 | 14018 | TBC: Generic User Profile Phase 2 | Rel-7 | No | C4 | No | | | | | | | |
| 132 | 32078 | <i>Deleted - IMS Phase 3</i> | Rel-7 | No | S2 | No | | | | | | | |
| 133 | 701216 | <i>Deleted - Improvements of Radio Interface</i> | Rel-7 | No | RP | No | RInImp | | | | | | |

Project: 3GPP_Release-2000
Date: Mon 18/04/05

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|--------------------|--|-----------------------------|---|------------------------------|---|
| Critical |  | Milestone |  | Rolled Up Baseline |  |
| Critical Split |  | Summary Progress |  | Rolled Up Baseline Milestone |  |
| Critical Progress |  | Summary |  | Rolled Up Milestone |  |
| Task |  | Rolled Up Critical |  | External Tasks |  |
| Split |  | Rolled Up Critical Split |  | Project Summary |  |
| Task Progress |  | Rolled Up Critical Progress |  | External Milestone |  |
| Baseline |  | Rolled Up Task |  | Deadline |  |
| Baseline Split |  | Rolled Up Split |  | | |
| Baseline Milestone |  | Rolled Up Task Progress |  | | |