

Birmingham, UK March 11-14, 2003

3GPP Work Plan – Cover page

Version 2003, February 19th

Introduction

This cover sheet contains 3 parts:
 Part 1: Specific comments for this version
 Part 2: General recurrent information
 Part 3: History

The last version of the Work Plan and all the related documents (cover page, PDF views, etc) are available at:
ftp://ftp.3gpp.org/information/work_plan

For comments on a specific line, contact the MCC support for the WG or TSG responsible of the given task (to know who at MCC is responsible of a given WG or TSG, look at:
http://www.3gpp.org/About_3GPP/structure.htm).

For comment on a Feature, contact the feature’s responsible MCC support.
 For general comments, contact the Work Plan manager at: alain.sultan@etsi.fr, mentioning in the e-mail subject “General comment on the Work Plan”.

Specific comments for this version

Main changes between version 15 January and 19 February 2003

Updates have been received from RAN WGs coming from decisions taken during RAN#15. CN5 and SA5 issues have been "cleaned up". Other minor editorial corrections have been performed. Following lines starting with "New:" have been added:

| ID | Unique ID | Name | Release | Reso | Modif | Qtr 3, 2000 | | | Qtr 4, 2000 | | | Qtr 1, 2001 | | | Qtr 2, 2001 | |
|----|-----------|---|---------|------|-------|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|
| | | | | | | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
| 9 | 1216 | Improvements of Radio Interface | NA | RP | No | | | | | | | | | | | |
| 16 | 24007 | New: UMTS-850 | | R4 | No | | | | | | | | | | | |
| 26 | 9 | RAN improvements | NA | RP | No | | | | | | | | | | | |
| 32 | 23007 | New: FS of the improved access to UE measurement data for CRNC to support TDD R | | R3 | No | | | | | | | | | | | |

| ID | Unique ID | Name | Release | Reso | Modif | Qtr 1, 2000 | | | Qtr 2, 2000 | | | Qtr 3, 2000 | | | Qtr 4, 2000 | | |
|-----|-----------|--|---------|------|-------|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|--|
| | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | |
| 146 | 50063 | Flexible Layer One for GERAN | TBD | GP | No | | | | | | | | | | | | |
| 162 | 53079 | New: GERAN BTS Conformance test for the Flexible Layer One | | G3 | No | | | | | | | | | | | | |

| ID | Unique ID | Name | Release | Reso | Modif | 2002 | | Qtr 1, 2003 | | | Qtr 2, 2003 | | | Qtr 3, 2003 | | |
|-----|-----------|--|---------|-------|-------|------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 909 | 51101 | New: Single Antenna Receiver Interference Cancellatio | Rel6 | G1 | No | | | | | | | | | | | |
| 910 | 50500 | New: Support of Conversational Services in A/Gb mo | Rel6 | GP | No | | | | | | | | | | | |
| 911 | 50501 | New: Creation of a TR | | GF | No | | | | | | | | | | | |
| 912 | 50502 | New: Stage 2 | | GF | No | | | | | | | | | | | |
| 913 | 50503 | New: Radio Channel Support | | GP | No | | | | | | | | | | | |
| 914 | 50504 | New: Definition of radio resource management functionality | | iP;G2 | No | | | | | | | | | | | |
| 915 | 50505 | New: PS Handover | | GP | No | | | | | | | | | | | |
| 916 | 50506 | New: Modifications to FLO | | iP;G2 | No | | | | | | | | | | | |

Following lines starting with "Delete:" have been deleted:

| | | | | | | | | | |
|----------|--------------|------------------------------|----|----|----|--|--|--|--------------|
| 06/11/00 | 50305 | Downlink delayed TBF release | No | G2 | No | | | | Mon |
| | Wed 31/10/01 | 100% | | | | | | | |
| 06/11/00 | 50306 | Add transparent RLC Concept | No | G2 | No | | | | Mon |
| | Fri 08/02/02 | 100% | | | | | | | |
| | 50307 | Handover concept | No | G2 | No | | | | Mon 06/11/00 |
| | Fri 08/02/02 | 100% | | | | | | | DELETE ! |

All the following lines containing "new:" in their title have been added:

| ID | Unique ID | Name | Release | Splittable | Resource Name | Modified | Qtr 1, 2000 | | | Qtr 2, 2000 | | | Qtr 3, 2000 | | |
|-----|-----------|--|---------|------------|---------------|----------|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 73 | 32021 | IMS Phase 2 | Rel6 | No | WG SA1 | Yes | | | | | | | | | |
| 76 | 11034 | New: Identity portability in IMS | | No | WG CN1 | No | | | | | | | | | |
| 77 | 11035 | New: IMS Local services | | No | WG CN1 | No | | | | | | | | | |
| 78 | 11036 | New: IMS Group management (e.g. chat) | | No | WG CN1 | No | | | | | | | | | |
| 79 | 11037 | New: IMS Conferencing | | No | WG CN1 | No | | | | | | | | | |
| 80 | 11038 | New: PSS alignment to IMS | | No | WG CN1 | No | | | | | | | | | |
| 81 | 11039 | New: IMS Messaging | | No | WG CN1 | No | | | | | | | | | |
| 82 | 11040 | New: Additional SIP Capabilities support not covered by Rel-5 | | No | WG CN1 | No | | | | | | | | | |
| 83 | 11041 | New: Review additional SIP Capabilities against IMS | | No | WG CN1 | No | | | | | | | | | |
| 99 | 14012 | New: Mp (MRFC - MRFP) interface protocol definitions | Rel6 | No | WG CN4 | No | | | | | | | | | |
| 100 | 31022 | IMS Messaging | Rel6 | No | WG SA1 | No | | | | | | | | | |
| 102 | 31024 | CRs to existing 22-series specifications | | No | WG SA1 | No | | | | | | | | | |
| 103 | 31033 | New: CRs to 22.140 & 22.228 | | No | WG SA1 | No | | | | | | | | | |
| 104 | 31034 | New: IMS Messaging; Stage 1 22.340 | | No | WG SA1 | No | | | | | | | | | |
| 108 | 31036 | New: Study of subscriber and operators relationship in IMS and re | Rel6 | No | WG SA1 | No | | | | | | | | | |
| 117 | 42009 | Multimedia Messaging (MMS) enhancements | Rel6 | No | WG T2 | No | | | | | | | | | |
| 118 | 42010 | Definition of service requirements | | No | WG SA1 | No | | | | | | | | | |
| 119 | 31031 | New: Definition of service requirements charging | | No | WG SA1 | No | | | | | | | | | |
| 126 | 1142 | DELETE Charging and OAM&P | NA | No | WG SA5 | No | | | | | | | | | |
| 127 | 32030 | New: Overall architectural aspects of IP flow based bearer level charging | | No | WG SA2 | Yes | | | | | | | | | |
| 140 | 50056 | Enhanced A/Gb feasibility study | TBD | No | TSG GERAN | No | | | | | | | | | |
| 141 | 50057 | Feasibility study on A/Gb enhancements | | No | TSG GERAN2 | No | | | | | | | | | |
| 143 | 50084 | New: Identification of the different building blocks for the provision of conversati | | No | TSG GERAN | No | | | | | | | | | |
| 144 | 50093 | New: Outline of impact and feasibility of these building blocks and their different | | No | TSG GERAN | No | | | | | | | | | |
| 190 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | No | WG SA1 | No | | | | | | | | | |
| 194 | 34700 | New: Codec Work to Support Speech Recognition Framework for | | No | WG SA4 | No | | | | | | | | | |
| 209 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | No | WG SA1 | No | | | | | | | | | |
| 210 | 31020 | Technical Report | | No | WG SA1 | No | | | | | | | | | |
| 211 | 31035 | New: CRs to implement WLAN | | No | WG SA1 | No | | | | | | | | | |
| 255 | 32033 | New: Handling of early UEs | Rel6 | No | WG SA2 | Yes | | | | | | | | | |
| 256 | 32031 | New: Feasibility Study | | No | WG SA2 | Yes | | | | | | | | | |
| 257 | 32032 | New: Stage 2 | | No | WG SA2 | Yes | | | | | | | | | |
| 273 | 35010 | Rel-6 OAM&P | Rel6 | No | WG SA5 | No | | | | | | | | | |
| 276 | 35013 | Rel6 User Equipment Management | | No | WG SA5 | No | | | | | | | | | |
| 277 | 35020 | New: UEM requirements and architecture; Stages 1 and 2 | | No | WG SA5 | No | | | | | | | | | |
| 278 | 35021 | New: UEM protocol specification; Stage 3 | | No | WG T2 | No | | | | | | | | | |
| 279 | 33012 | New: New:Release 6 User Equipment Management: Security aspects | | No | WG SA3 | Yes | | | | | | | | | |
| 282 | 35016 | New: Charging Management | Rel6 | No | WG SA5 | No | | | | | | | | | |
| 283 | 35017 | New: Charging Management for Bearer level | | No | WG SA5 | No | | | | | | | | | |
| 284 | 35018 | New: Charging Management for the IMS | | No | WG SA5 | No | | | | | | | | | |
| 285 | 35019 | New: Charging Management for the Service domain | | No | WG SA5 | No | | | | | | | | | |
| 630 | 34001 | Extended Transparent End-to-End PS Streaming Se | Rel5 | No | WG SA4 | No | | | | | | | | | |
| 631 | 34002 | Stage 1 | | No | WG SA1 | No | | | | | | | | | |
| 632 | 31032 | New: Interaction with other services | | No | WG SA1 | No | | | | | | | | | |
| 928 | 54001 | New: MS Conformance Testing of Dual Transfer Mo | NA | No | TSG GERAN | No | | | | | | | | | |

The naming of all groups has been changed as follow:

For TSGs:

TSG CN -> NP

TSG RAN -> RP

TSG SA -> SP

TSG T -> TP

TSG GERAN -> GP

For WGs:

WG [CN/RAN/SA/T/GERAN][1/2/3/4/5] -> [N/R/S/T/G][1/2/3/4/5]

Detailed changes

The detailed changes are provided in the "notes" field of the modified WIs.

General recurrent information

This paragraph contains recurrent information provided to the reader not familiar with the 3GPP Work Plan.

General description

The Work Plan is a living document, aiming at providing co-operations between all the 3GPP TSGs and WGs to help them reaching common targets.

These targets are called “**Features**”, and are new or substantially enhanced functionality which represents added value to the existing system. A feature should normally embody an improved service to the customer and / or increased revenue generation potential to the supplier. The features are divided into “**Building Blocks**”, a BB being a set of technical functionality which would generally be expected to reside in a single system element, i.e. a single physical or logical entity or a single protocol. The Building Blocks are divided into “**Work Tasks**”, a WT being by definition handled by a single Working Group. The output of a work task is the creation of one or more new Technical Specifications (or Reports) and / or Change Requests to existing TSs / TRs.

These definitions are extracted from SP-000109.

This tree structure is established to ease the monitoring of the 3GPP work progress for R00, and to make explicit the purpose of the work assigned to one WG in the global system.

A **Work item** is a generic term to refer to a *feature, building block or work task*, i.e. all the lines of the Work Plan are work items. A full description of the a work item can be found in the 3GPP Working Procedures, available at http://www.3gpp.org/About_3GPP/3gpp_wp.zip.

The Work Plan is provided in the form of a Gantt chart: the left part contains the names and attributes of the Work Items, the right part contains a calendar view reflecting the work progress (blue and grey lines apply to foreseen tasks, black lines for completed tasks).

The indentation of WI names reflects the hierarchical level in the tree structure (Features, Building Blocks, and Work Tasks).

A "Tracking Gantt" is used (since version 2001, July the 11th) instead of the "simple" Gantt used before. This means that below each Gantt line (horizontal blue line in the right part of the document), there is a thin horizontal black line showing the previously foreseen start and end dates. This enables tracking the slipping of dates. This is reset after each plenary.

Attributes applicable to a WI

From the Work Plan perspective, a WI is fully characterised by the following set of attributes:

1. Unique ID
2. Name
3. Release (based on the completion date). It applies to non-splitable features. If the feature is splitable, it applies to each individual Building Block composing the feature, provided that the Building Blocks are non-splitable. It does not apply to Feasibility Studies, Testing nor Charging Activities.
4. Splitable: defines whether the WI has to be considered as a single block or if it can be realised onto different releases
5. Acronym
6. Resource name: defines the responsible WG or TSG
7. Modified (see next section)
8. Modified since last TSG (see next section)
9. Start
10. Finish
11. % completed
12. Impacted TS and TR
13. Approval Level: MCC<CHAIR<WG<TSG. Each level can delete the proposal from the levels below. Only TSG Approved Wis are officially approved. All the other Wis are proposals, more or less stable according to the approval level.
14. Last modif, containing the date of the last modification. Note: this field has been recently added. The value has been initialised to April, 1st.
15. Hyperlink (to the proposed/approved WI coversheet)

16. WI rapporteur name
17. WI rapporteur e-mail
18. MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
19. Notes (free field).

The fields Start, Finish and % completed are calculated for summary tasks.
For better readability, only some of these attributes are shown in the PDF views.

How the changes on the Work Plan are tracked?

The changes are tracked at two level: a global one, stressing out the overall changes of the Work Plan, and a more detailed one, making use of the “notes” field.

Global level

The global level is a text of some paragraphs listing the main changes. For readability reasons, the global level is not part of the MS Project Work Plan but is contained in this present Work Plan cover page.

The global level shall at least:

- ?? Report creation and deletion of Features and Building Blocks. It is not requested to mention the creation and deletion of Work Tasks (but this can be done if judged relevant by the MCC responsible person).

The global level is updated before each set of plenary meetings.

Detailed level

The detailed level is a set of comments provided in the “notes” field text of each modified WI (a WI is identified by its Unique ID).

Even at the “detailed level”, not all the modifications have to be mentioned: some fields are by nature subject to constant updates (e.g. “% completed”), so it would be a waste of time to keep track of these changes.

The fields subject to change tracking are the following ones:

- ?? Name
- ?? Release
- ?? Splitable (defines whether the WI has to be considered as a single block or if it can be realised onto different releases)
- ?? Acronym
- ?? Resource name (defines the responsible WG or TSG)
- ?? Finish date

The other ones -listed below- are not subject of change tracking. Change tracking on these ones is up to the MCC responsible person. These are:

- ?? % completed
- ?? Impacted TS and TR
- ?? Level of Approval (MCC<CHAIR<WG<TSG).
- ?? Hyperlink (to the proposed/approved WI coversheet)
- ?? WI rapporteur name
- ?? WI rapporteur e-mail
- ?? MCC responsible: defines who in MCC is responsible in monitoring the overall Feature.
- ?? Notes (free field).
- ?? Start date

The detailed level is updated each time a line is modified or created. In addition, a new field called “last modif” has been created (initialised to April, 1st) to provide the date of the latest modification of the WI.

History

This section is reset after each plenary meeting.

Content of this package:

1) Master:

Work_Plan_3GPP_030219.mpp MASTER - Work Plan in MS Project 98 format
(contains all WI attributes and Gantt view)

Work_Plan_3GPP_030219_MSP2000.mpp Work Plan in MS Project 2000 format
(contains all WI attributes and Gantt view)

2) Cover page:

Work_plan_cover_030219.doc Cover page - contains explanations and
informations on last changes

3) Work Plan in different formats, useful if you don't have MS Project:

Work_Plan_3GPP_030219.xls Work Plan in Excel format (contains most of
the WI attributes but not the Gantt chart)

Work_Plan_3GPP_030219.pdf PDF view of Work Plan (contains the Gantt
chart)

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|----|----------|--|--------|------|--------|-------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 1 | 2044 | VERSION 2003 February 19th | Rel | | No | | | | | | | | | | | | | |
| 2 | 1462 | "CTRL + a" to display all the 3GPP fields | | | No | | | | | | | | | | | | | |
| 3 | 2058 | Content of Rel4 and Rel5 frozen. Rel6 and after not frozen. | Rel | | No | | | | | | | | | | | | | |
| 4 | 0 | | Rel | | No | | | | | | | | | | | | | |
| 5 | 96 | | | | No | | | | | | | | | | | | | |
| 6 | 2 | Evolutions of the transport in the UTRAN | NA | RP | No | ETRAN | | | | | | | | | | | | |
| 7 | 4 | Evolutions of the transport in the CN | NA | N4 | No | CNTRSP | ◆ | | | | | | | | | | | |
| 8 | 14011 | Preferred Framing Protocol for bearer independent CS archite | Rel6 | N4 | No | PPF | ◆ | | | | | | | | | | | |
| 9 | 1216 | Improvements of Radio Interface | NA | RP | No | RInImp | ◆ | | | | | | | | | | | |
| 10 | 1470 | Improvement of inter-frequency and inter-system measurem | Rel6 | R1 | No | RInImp-lfls | ◆ | | | | | | | | | | | |
| 11 | 24004 | Base station classification | Rel6 | R4 | No | RInImp-B | ◆ | | | | | | | | | | | |
| 12 | 1476 | FDD Base station classification | Rel6 | R4 | No | RInImp-BS | ◆ | | | | | | | | | | | |
| 13 | 1507 | Terminal Power Saving features | Rel6 | R2 | No | RInImp-TPS | ◆ | | | | | | | | | | | |
| 14 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | R1 | No | RInImp-MIM | ◆ | | | | | | | | | | | |
| 15 | 24006 | Improving Receiver Performance Requirements for the FDD UE | Rel6 | R4 | No | RInImp-UEF | ◆ | | | | | | | | | | | |
| 16 | 24007 | UMTS-850 | | R4 | No | RInImp-UM | ◆ | | | | | | | | | | | |
| 17 | 24003 | FS for the viable deployment of UTRA in additional and divers | Rel6 | R4 | No | RInImp-UM | ◆ | | | | | | | | | | | |
| 18 | 24005 | FS on UE antenna efficiency test methods performance require | Rel6 | R4 | No | RInImp-UEA | ◆ | | | | | | | | | | | |
| 19 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel6 | R1 | No | RInImp-FCS | ◆ | | | | | | | | | | | |
| 20 | 1506 | FS on Radio link performance enhancements | Rel6 | R1 | No | RInImp-Rlp | ◆ | | | | | | | | | | | |
| 21 | 24001 | FS on UTRA WideBand Distribution Systems | Rel6 | R4 | No | RInImp-WD | ◆ | | | | | | | | | | | |
| 22 | 21000 | FS on Improvement of inter-frequency and inter-system measur | Rel6 | R1 | No | RInImp-lfls | ◆ | | | | | | | | | | | |
| 23 | 21003 | FS for the analysis of OFDM for UTRAN enhancements | Rel6 | R1 | No | RInImp-FSC | ◆ | | | | | | | | | | | |
| 24 | 21004 | FS on Uplink Enhancements for Dedicated Transport Channels | Rel6 | R1 | No | RInImp-FSL | ◆ | | | | | | | | | | | |
| 25 | 21005 | FS on Analysis on Higher Chip Rates for UTRA TDD evolutions | Rel6 | R1 | No | Rin-imp-FS | ◆ | | | | | | | | | | | |
| 26 | 9 | RAN improvements | NA | RP | No | RANimp | ◆ | | | | | | | | | | | |
| 27 | 20999 | Beamforming Enhancements | Rel6 | R1 | No | RANimp-BF | ◆ | | | | | | | | | | | |
| 28 | 624 | RAB support enhancement | Rel6 | R2 | No | RANimp-R/ | ◆ | | | | | | | | | | | |
| 29 | 23005 | Improvement of RRM across RNS and RNS/BSS | Rel6 | R3 | No | RANimp-RF | ◆ | | | | | | | | | | | |
| 30 | 23006 | FS on the evolution of the UTRAN architecture | Rel6 | R3 | No | RANimp-F | ◆ | | | | | | | | | | | |
| 31 | 22001 | FS for the Early Mobile Handling in UTRAN | Rel6 | R2 | No | RANimp-FS | ◆ | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|----|--------------|---|-------------|-----------|-----------|------------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 32 | 23007 | FS of the improved access to UE measurement data for CRNC t | | R3 | No | | | | | | | | | | | | | |
| 33 | 1652 | Emergency call enhancements | Rel6 | N1 | No | EMC1 | | | | | | | | | | | | |
| 34 | 1653 | For IP & PS based calls | Rel6 | N1 | No | EMC1-PS | | | | | | | | | | | | |
| 35 | 1314 | Service Requirements for IP-based emergency calls | | S1 | No | | | | | | | | | | | | | |
| 36 | 1315 | SIP emergency calls and packet emergency calls signalling flowsl | | N1 | No | | | | | | | | | | | | | |
| 37 | 1316 | Stage 2 for emergency calls and packet emergency calls in general | | S2 | No | | | | | | | | | | | | | |
| 38 | 1317 | Distinction of emergency call types to different emergency services | | N1 | No | | | | | | | | | | | | | |
| 39 | 1646 | Stage 3 for emergency calls and packet emergency calls in general | | N1 | No | | | | | | | | | | | | | |
| 40 | 2224 | Conformance Test Aspects - Emergency call enhancements | | T1 | No | | | | | | | | | | | | | |
| 41 | 2225 | Testing Stage 3 for emergency calls and packet emergency calls in general | | T1 | No | | | | | | | | | | | | | |
| 42 | 1826 | Terminal interfaces | NA | T2 | No | TI | | | | | | | | | | | | |
| 43 | 32023 | Location Services enhancements 2 | Rel6 | S2 | No | LCS2 | | | | | | | | | | | | |
| 44 | 32024 | Improvement on Le interface | | S2 | No | | | | | | | | | | | | | |
| 45 | 32001 | Enhanced support for user privacy and subscriber data handlin | | S2 | No | | | | | | | | | | | | | |
| 46 | 32025 | Enhanced inter-GMLC interface | | S2 | No | | | | | | | | | | | | | |
| 47 | 32012 | Support of the Presence Service Architecture | | S2 | No | | | | | | | | | | | | | |
| 48 | 32026 | New events for triggered location reports | | S2 | No | | | | | | | | | | | | | |
| 49 | 32029 | FS on applicability of GALILEO for LCS | | S2 | No | | | | | | | | | | | | | |
| 50 | 20001 | UE positioning | Rel6 | RP | No | LCS2-UEp | | | | | | | | | | | | |
| 51 | 2457 | UE positioning enhancements - other methods | | R2 | No | LCS2-UEpc | | | | | | | | | | | | |
| 52 | 22002 | FS on Enhancements to OTDOA Positioning using advanced blanking methods | | R2 | No | LCS2-UEpc | | | | | | | | | | | | |
| 53 | 50541 | Uplink TDOA location determination for GSM/GPRS | Rel6 | GP | No | UTDOA | | | | | | | | | | | | |
| 54 | 50542 | Addition of U-TDOA in the CS domain | Rel6 | GP | No | UTDOA-CS | | | | | | | | | | | | |
| 55 | 50543 | Addition of U-TDOA in the PS domain | Rel6 | GP | No | UTDOA-PS | | | | | | | | | | | | |
| 56 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTR/ | Rel6 | R2 | No | LCS-Rel4F | | | | | | | | | | | | |
| 57 | 22002 | RAN aspects | | R2 | No | LCS-Rel4Pc | | | | | | | | | | | | |
| 58 | 2127 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 59 | 1800 | (U)SIM toolkit enhancements | NA | T3 | No | USAT1 | | | | | | | | | | | | |
| 60 | 1802 | UICC API | NA | T3 | No | USAT1-AP | | | | | | | | | | | | |
| 61 | 43001 | Java API Test specification | | T3 | No | | | | | | | | | | | | | |
| 62 | 43003 | Java API Test specification (TS 43.019 Rel-5) | Rel5 | T3 | No | | | | | | | | | | | | | |
| 63 | 1571 | Security enhancements | NA | S3 | No | SEC1 | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|----|----------|--|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 64 | 2026 | Enhanced HE control of security (including positive authenticat | Rel6 | S3 | No | | | | | | | | | | | | | |
| 65 | 2027 | Stage 2 | | S3 | No | | | | | | | | | | | | | |
| 66 | 2028 | FS on Network impacts | | N4 | No | | | | | | | | | | | | | |
| 67 | 33006 | Network domain security | Rel6 | S3 | No | SEC1-NDS | | | | | | | | | | | | |
| 68 | 33007 | IP network layer security (NDS/IP) | Rel6 | S3 | No | SEC1-NDS | | | | | | | | | | | | |
| 69 | 33003 | Rel-6 MAP application layer security | Rel6 | S3 | No | SEC1-MAF | | | | | | | | | | | | |
| 70 | 33004 | Main aspects | | S3 | No | SEC1-MAP | | | | | | | | | | | | |
| 71 | 33005 | Security signalling flows for the Ze interface | | N4 | No | SEC1-MAP | | | | | | | | | | | | |
| 72 | 32021 | IMS Phase 2 | Rel6 | S1 | No | IMS2 | | | | | | | | | | | | |
| 73 | 32027 | Stage 2 of IMS Phase 2 | Rel6 | S2 | No | | | | | | | | | | | | | |
| 74 | 11031 | IMS Stage-3 Enhancements | Rel6 | N1 | No | IMS-CCR-E | | | | | | | | | | | | |
| 75 | 11034 | Identity portability in IMS | | N1 | No | | | | | | | | | | | | | |
| 76 | 11035 | IMS Local services | | N1 | No | | | | | | | | | | | | | |
| 77 | 11036 | IMS Group management (e.g. chat) | | N1 | No | | | | | | | | | | | | | |
| 78 | 11037 | IMS Conferencing | | N1 | No | | | | | | | | | | | | | |
| 79 | 11038 | PSS alignment to IMS | | N1 | No | | | | | | | | | | | | | |
| 80 | 11039 | IMS Messaging | | N1 | No | | | | | | | | | | | | | |
| 81 | 11040 | Additional SIP Capabilities support not covered by Rel-5 | | N1 | No | | | | | | | | | | | | | |
| 82 | 11041 | Review additional SIP Capabilities against IMS | | N1 | No | | | | | | | | | | | | | |
| 83 | 2048 | Interworking between IMS and IP networks | Rel6 | N3 | No | IMS-CCR-I | | | | | | | | | | | | |
| 84 | 13004 | Interworking for 3GPP_SIP and IETF_SIP | | N3 | No | | | | | | | | | | | | | |
| 85 | 13005 | Interworking for IPv6 to IPv4 | | N3 | No | | | | | | | | | | | | | |
| 86 | 2047 | Interworking between IMS and CS networks | Rel6 | N3 | No | IMS-CCR-I | | | | | | | | | | | | |
| 87 | 13002 | ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking) | | N3 | No | | | | | | | | | | | | | |
| 88 | 13003 | ITU-T dependency on Q.2150.3 (SCTP) | | N3 | No | | | | | | | | | | | | | |
| 89 | 32005 | IMS Local services | Rel6 | S2 | No | | | | | | | | | | | | | |
| 90 | 32019 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 91 | 13011 | Mm interface (CSCF to external IP multimedia network) | Rel6 | N3 | No | | | | | | | | | | | | | |
| 92 | 11017 | CN1 part | | N1 | No | | | | | | | | | | | | | |
| 93 | 13013 | Mg interface (BGCF to MGCF - interworking with CS) | Rel6 | N3 | No | | | | | | | | | | | | | |
| 94 | 14002 | Mg interface (BGCF to MGCF - interworking with CS) | Rel6 | N1 | No | | | | | | | | | | | | | |
| 95 | 14001 | Mn interface (IM-MGW to MGCF) enhancements | Rel6 | N4 | No | IMS-CCR-M | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|--|-------------|-----------|-----------|----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 96 | 14012 | Mp (MRFC - MRFP) interface protocol definitions | Rel6 | N4 | No | IMS-CCR-M | | | | | | | | | | | | |
| 97 | 31022 | IMS Messaging | Rel6 | S1 | No | IMSM | | | | | | | | | | | | |
| 98 | 31023 | TR on support of messaging in the IMS | | S1 | No | IMSM-TR | | | | | | | | | | | | |
| 99 | 31034 | Stage 1 22.340 | | S1 | No | IMSM-TS | | | | | | | | | | | | |
| 100 | 31024 | CRs to existing 22-series specifications | | S1 | No | IMSM-CR | | | | | | | | | | | | |
| 101 | 31033 | CRs to 22.140 & 22.228 | | S1 | No | IMSM-CR | | | | | | | | | | | | |
| 102 | 32700 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 103 | 31025 | IMS Group Management | Rel6 | S1 | No | IMSGM | | | | | | | | | | | | |
| 104 | 31026 | TS on IMS group management | | S1 | No | | | | | | | | | | | | | |
| 105 | 31036 | Study of subscriber and operators relationship in IMS and relat | Rel6 | S1 | No | | | | | | | | | | | | | |
| 106 | 33012 | Lawful Interception in the 3GPP Rel-6 architecture | | S3 | No | | | | | | | | | | | | | |
| 107 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | S2 | No | | | | | | | | | | | | | |
| 108 | 11032 | Interoperability and Commonality between IMS using differe | Rel6 | N1 | No | IMSCOOP | | | | | | | | | | | | |
| 109 | 32028 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 110 | 11033 | Stage 3 | | N1 | No | | | | | | | | | | | | | |
| 111 | 1365 | Support of Push Services | Rel6 | S1 | No | PUSH | | | | | | | | | | | | |
| 112 | 31004 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 113 | 32000 | TR on feasibility study | | S2 | No | | | | | | | | | | | | | |
| 114 | 32701 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 115 | 42009 | Multimedia Messaging (MMS) enhancements | Rel6 | T2 | No | MMS6 | | | | | | | | | | | | |
| 116 | 42010 | Definition of service requirements | | S1 | No | | | | | | | | | | | | | |
| 117 | 31031 | Definition of service requirements charging | | S1 | No | | | | | | | | | | | | | |
| 118 | 42011 | Technical realization | | T2 | No | | | | | | | | | | | | | |
| 119 | 42012 | OMA dependencies | | T2 | No | | | | | | | | | | | | | |
| 120 | 42013 | MMS formats and codecs | | S4 | No | | | | | | | | | | | | | |
| 121 | 42005 | Rel-6 MExE enhancements | Rel6 | T2 | No | MEXE6 | | | | | | | | | | | | |
| 122 | 42006 | MExE Rel-6 Improvements and Investigations | | T2 | No | MEXE6-ENI | | | | | | | | | | | | |
| 123 | 42007 | MExE Run-Time Independent Framework Feasibility Study | | T2 | No | MEXE6-RTI | | | | | | | | | | | | |
| 124 | 2062 | Subscription Management | Rel6 | S5 | No | SM | | | | | | | | | | | | |
| 125 | 2499 | Support of Presence Capability | Rel6 | S1 | No | PRESNC | | | | | | | | | | | | |
| 126 | 2501 | Stage 1 | | S1 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|-------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 128 | 2503 | Stage 3 | | N1 | No | | | | | | | | | | | | | |
| 129 | 2504 | Security issues | | S3 | No | | | | | | | | | | | | | |
| 130 | 2505 | USIM issues | | T3 | No | | | | | | | | | | | | | |
| 131 | 2506 | UE issues | | T2 | No | | | | | | | | | | | | | |
| 132 | 31028 | Presence Service Enhancements | Rel6 | S1 | No | PRES1 | | | | | | | | | | | | |
| 133 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | S2 | No | | | | | | | | | | | | | |
| 134 | 32014 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 135 | 2528 | Stage 3 work for CN1 | | N1 | No | EMC-NOSIM | | | | | | | | | | | | |
| 136 | 50056 | Enhanced A/Gb feasibility study | TBD | GP | No | AGbEnFS | | | | | | | | | | | | |
| 137 | 50057 | Feasibility study on A/Gb enhancements | | G2 | No | AGbEnFS- | | | | | | | | | | | | |
| 138 | 50080 | Requirements for the support of conversational services | | GP | No | | | | | | | | | | | | | |
| 139 | 50084 | Identification of the different building blocks for the provision of conversational services | | GP | No | | | | | | | | | | | | | |
| 140 | 50093 | Outline of impact and feasibility of these building blocks and their different solutions | | GP | No | | | | | | | | | | | | | |
| 141 | 52081 | Identification of the different building blocks for the provision of conversational services | | G2 | No | | | | | | | | | | | | | |
| 142 | 52082 | Outline of impact and feasibility of these building blocks and their different solutions | | G2 | No | | | | | | | | | | | | | |
| 143 | 50081 | Impact on 3GPP architecture and requirement to co-ordinate with other TSGs | | GP | No | | | | | | | | | | | | | |
| 144 | 50082 | Standardisation effort | | GP | No | | | | | | | | | | | | | |
| 145 | 50083 | Dependency to other features | | GP | No | | | | | | | | | | | | | |
| 146 | 50063 | Flexible Layer One for GERAN | TBD | GP | No | FLOGGER | | | | | | | | | | | | |
| 147 | 50064 | Realisation of a Flexible Layer One | | GP | No | FLOGGER-R | | | | | | | | | | | | |
| 148 | 50065 | Technical Report | | GP | No | | | | | | | | | | | | | |
| 149 | 51002 | Architecture in 45.001 and 43.051 | | G1 | No | | | | | | | | | | | | | |
| 150 | 51003 | Multiplexing in 45.002 | | G1 | No | | | | | | | | | | | | | |
| 151 | 51004 | Channel Coding in 45.003 | | G1 | No | | | | | | | | | | | | | |
| 152 | 51005 | Performance Requirements in 45.005 | | G1 | No | | | | | | | | | | | | | |
| 153 | 51006 | Radio subsystem link control in 45.008 | | G1 | No | | | | | | | | | | | | | |
| 154 | 52071 | Requirements in 44.004 | | G2 | No | | | | | | | | | | | | | |
| 155 | 52072 | Signalling and protocol support for a Flexible Layer One | | G2 | No | FLOGGER-S | | | | | | | | | | | | |
| 156 | 52073 | Modifications to RLC/MAC in 44.060 and 44.160 | | G2 | No | | | | | | | | | | | | | |
| 157 | 52074 | Modifications to RRC in 44.118 and 44.018 | | G2 | No | | | | | | | | | | | | | |
| 158 | 52075 | Security for a Flexible Layer One | | 3, G2 | No | FLOGGER-S | | | | | | | | | | | | |
| 159 | 52076 | Ciphering in 44.160,44.118, 44.060 and 44.018 | | 3, G2 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 160 | 55077 | GERAN MS Conformance test for the Flexible Layer One | | 4;G5 | No | FLOGER-M | | | | | | | | | | | | |
| 161 | 55078 | MS Test in 51.010 | | 4;G5 | No | | | | | | | | | | | | | |
| 162 | 53079 | GERAN BTS Conformance test for the Flexible Layer One | | G3 | No | FLOGER-B | | | | | | | | | | | | |
| 163 | 55079 | GERAN BTS Conformance test for the Flexible Layer One | | G3 | No | FLOGER-E | | | | | | | | | | | | |
| 164 | 53080 | BTS Test in 51.021 | | G3 | No | | | | | | | | | | | | | |
| 165 | 50041 | Uplink TDOA feasibility study | Rel6 | GP | No | TDOAF | | | | | | | | | | | | |
| 166 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | S1 | No | MBMS | | | | | | | | | | | | |
| 167 | 2545 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 168 | 32002 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 169 | 32702 | TR on Architectural Study | | S2 | No | | | | | | | | | | | | | |
| 170 | 32703 | Stage 2 Specification Work | | S2 | No | | | | | | | | | | | | | |
| 171 | 2481 | Introduction of MBMS in RAN | | R2 | No | MBMS-RAI | | | | | | | | | | | | |
| 172 | 11030 | Support of the MBMS in CN protocols | | N1 | No | | | | | | | | | | | | | |
| 173 | 33008 | Security Aspects of Multimedia Broadcast/Multicast Service (MI | | S3 | No | MBMS | | | | | | | | | | | | |
| 174 | 50085 | Support of MBMS in GERAN | Rel6 | GP | No | MBMS-GEI | | | | | | | | | | | | |
| 175 | 50086 | Impact on the logical and physical channels | | GP | No | | | | | | | | | | | | | |
| 176 | 51085 | Simultaneous support of MBMS services | | G1 | No | | | | | | | | | | | | | |
| 177 | 51086 | Simultaneous support of MBMS and non-MBMS services | | G1 | No | | | | | | | | | | | | | |
| 178 | 52085 | Re-synchronisation at cell change | | G2 | No | | | | | | | | | | | | | |
| 179 | 50087 | Decision making process between point-to-point or pont-to-multipoint configur. | | GP | No | | | | | | | | | | | | | |
| 180 | 50088 | MBMS channel allocations procedures to multiple MSs | | GP | No | | | | | | | | | | | | | |
| 181 | 50089 | Changes to the Gb interface | | GP | No | | | | | | | | | | | | | |
| 182 | 50090 | GERAN specific changes to the lu-ps interface | | GP | No | | | | | | | | | | | | | |
| 183 | 50091 | Interaction between MBMS and lu-flex | | GP | No | | | | | | | | | | | | | |
| 184 | 50092 | Security aspects | | GP | No | | | | | | | | | | | | | |
| 185 | 55091 | MS conformance tests | | G5 | No | | | | | | | | | | | | | |
| 186 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | S1 | No | SRSES | | | | | | | | | | | | |
| 187 | 31007 | Speech Enabled Services Based on Distributed Speech Recogn | | S1 | No | DSR | | | | | | | | | | | | |
| 188 | 32999 | Stage 2 of DSR | | S2 | No | | | | | | | | | | | | | |
| 189 | 11021 | SDP protocols extension to include DSR | | N1 | No | | | | | | | | | | | | | |
| 190 | 34700 | Codec Work to Support Speech Recognition Framework for Au | | S4 | No | SRSES-Cor | | | | | | | | | | | | |
| 191 | 31008 | Generic User Profile | Rel6 | S1 | No | GUP | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|--|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 192 | 31009 | Stage 1 - Requirements | | S1 | No | | | | | | | | | | | | | |
| 193 | 42002 | Stage 2 - Data description framework | | T2 | No | | ■ | ■ | | | | | | | | | | |
| 194 | 32008 | Stage 2 - Architecture | | S2 | No | | ■ | ■ | ■ | ■ | | | | | | | | |
| 195 | 42003 | Stage 3 - Common objects | | T2 | No | | ■ | ■ | ■ | ■ | | | | | | | | |
| 196 | 14008 | Stage 3 - Network | | N4 | No | | ■ | ■ | ■ | ■ | | | | | | | | |
| 197 | 33009 | Security Aspects | | S3 | No | | ■ | ■ | ■ | ■ | | | | | | | | |
| 198 | 31010 | Digital Rights Management | Rel6 | S1 | No | DRM | ■ | ◆ | | | | | | | | | | |
| 199 | 31011 | Requirements | | S1 | No | | | | | | | | | | | | | |
| 200 | 31037 | Monitoring of Stages 2 and 3 progress (actual work to be done | | S1 | No | | ■ | ■ | | | | | | | | | | |
| 201 | 33001 | Security | | S3 | No | | ■ | ■ | | | | | | | | | | |
| 202 | 34017 | Codec Aspects | | S4 | No | | ■ | ■ | | | | | | | | | | |
| 203 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | S1 | No | WLAN | ■ | ◆ | | | | | | | | | | |
| 204 | 31020 | Technical Report | | S1 | No | WLAN-TR | | | | | | | | | | | | |
| 205 | 31035 | CRs to implement WLAN | | S1 | No | WLAN-CR | | | | | | | | | | | | |
| 206 | 32018 | WLAN Interworking – Architecture Definition | | S2 | No | | ■ | ■ | | | | | | | | | | |
| 207 | 32704 | Security | | S3 | No | | ■ | ■ | | | | | | | | | | |
| 208 | 31015 | Priority Service | Rel6 | S1 | No | PRIOR | ■ | ◆ | | | | | | | | | | |
| 209 | 31016 | Feasibility Study | | S1 | No | PRIOR-FS | | | | | | | | | | | | |
| 210 | 31017 | Stage 1 - Requirements | | S1 | No | PRIOR-SR | ■ | ■ | | | | | | | | | | |
| 211 | 31018 | Network Sharing | Rel6 | S1 | No | NTShar | | | | | | | | | | | | |
| 212 | 31019 | Technical Report | | S1 | No | NTShar-TR | | | | | | | | | | | | |
| 213 | 32016 | QoS Improvements | NA | S2 | No | QoS1 | ■ | ■ | ■ | ■ | ◆ | | | | | | | |
| 214 | 32017 | FS on Dynamic Policy control enhancements for end-to-end Qc | Rel6 | S2 | No | QoS1 | ■ | ■ | ■ | ■ | | | | | | | | |
| 215 | 33002 | Support for subscriber certificates | Rel6 | S3 | No | SEC1-SC | | | | | | | | | | | | |
| 216 | 32705 | Stage 1 | | S3 | No | | | | | | | | | | | | | |
| 217 | 32706 | Architecture review (name changed from "Stage2") | | S2 | No | | | | | | | | | | | | | |
| 218 | 15010 | Rel-6 OSA enhancements | Rel6 | S1 | No | OSA3 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ◆ |
| 219 | 15011 | Support of a Generic Network Interface Function (Stage 1) | | S1 | No | | | | | | | | | | | | | |
| 220 | 15023 | Support of a Generic Network Interface Function (Stage 3) | | N5 | No | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 221 | 15016 | User Data Management / User data security management (Stag | | S1 | No | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 222 | 15022 | User Data Management / User data security management (Stag | | N5 | No | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|---|--------|------|--------|----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 224 | 15024 | Retrieval of Visited Network capabilities | | N5 | No | | | | | | | | | | | | | |
| 225 | 15025 | Access to IP Session information | | N5 | No | | | | | | | | | | | | | |
| 226 | 15026 | Multi Media Messaging function | | N5 | No | | | | | | | | | | | | | |
| 227 | 15027 | Enhanced user privacy in LCS | | N5 | No | | | | | | | | | | | | | |
| 228 | 15028 | Policy management extensions | | N5 | No | | | | | | | | | | | | | |
| 229 | 15029 | Presence and Availability Management (from the PRESNC WI) | | N5 | No | | | | | | | | | | | | | |
| 230 | 15030 | Information Services | | N5 | No | | | | | | | | | | | | | |
| 231 | 15031 | Information Transfer | | N5 | No | | | | | | | | | | | | | |
| 232 | 15017 | Security | | S3 | No | | | | | | | | | | | | | |
| 233 | 1433 | Retrieval of Terminal capabilities | | S2 | No | OSA1-TC | | | | | | | | | | | | |
| 234 | 1434 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 235 | 1436 | Stages 2 and 3 | | N5 | No | | | | | | | | | | | | | |
| 236 | 2122 | Provisioning of the terminal capabilities | | T2 | No | | | | | | | | | | | | | |
| 237 | 32033 | Handling of early UEs | Rel6 | S2 | No | LATE_UE | | | | | | | | | | | | |
| 238 | 32031 | Feasibility Study | | S2 | No | | | | | | | | | | | | | |
| 239 | 32032 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 240 | 50401 | Addition of frequency bands to GSM | Rel6 | GP | No | TAPS | | | | | | | | | | | | |
| 241 | 50094 | Addition of frequency bands to GSM – Changes to core specs | Rel6 | G1 | No | TAPS-Spe | | | | | | | | | | | | |
| 242 | 51102 | Changes to core specs | | G1 | No | | | | | | | | | | | | | |
| 243 | 54102 | Addition of frequency bands to GSM – Changes for conformance | | G4 | No | TAPS-Cor | | | | | | | | | | | | |
| 244 | 54103 | 51.010-1 Add testing | | G4 | No | | | | | | | | | | | | | |
| 245 | 50130 | Seamless support of streaming services in A/Gb mode | Rel6 | GP | No | SSStrea | | | | | | | | | | | | |
| 246 | 51131 | Identification of requirements for streaming | | G1 | No | | | | | | | | | | | | | |
| 247 | 51133 | Requirements | | G1 | No | | | | | | | | | | | | | |
| 248 | 51132 | Performance study of cell change mechanisms | | G1 | No | | | | | | | | | | | | | |
| 249 | 51134 | Performance of NACC | | G1 | No | | | | | | | | | | | | | |
| 250 | 51135 | Performance of cell change in DTM for the PS domain | | G1 | No | | | | | | | | | | | | | |
| 251 | 51136 | Handover | | G1 | No | | | | | | | | | | | | | |
| 252 | 52131 | Reduction of service interruption times and packet loss during | | G2 | No | | | | | | | | | | | | | |
| 253 | 52133 | Optimisations of existing mechanisms/procedures | | G2 | No | | | | | | | | | | | | | |
| 254 | 52134 | Inter-system NACC | | G2 | No | | | | | | | | | | | | | |
| 255 | 52135 | PS Handover (within GERAN and between GERAN and UTRAN) | | G2 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|--|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 256 | 52136 | Dependency to other features | | G2 | No | | | | | | | | | | | | | |
| 257 | 54131 | MS conformance testing | | G4 | No | | | | | | | | | | | | | ◆ |
| 258 | 54132 | MS conformance tests | | G4 | No | | | | | | | | | | | | | ◆ |
| 259 | 33013 | GERAN A/Gb mode security enhancements | | S3 | No | | | | | | | | | | | | | |
| 260 | 34300 | Performance characterisation of default codecs for PS conv | Rel6 | S4 | No | CODCAR | | | | | | | | | | | | |
| 261 | 31029 | Study of Feature Interactions Requirements | Rel6 | S1 | No | FINTER | | | | | | | | | | | | |
| 262 | 31030 | Study on Privacy Capability | Rel6 | S1 | No | PrivCap | | | | | | | | | | | | |
| 263 | 35010 | Rel-6 OAM&P | Rel6 | S5 | No | OAM | | | | | | | | | | | | ◆ |
| 264 | 35011 | Rel6 Principles, high level Requirements and Architecture | | S5 | No | OAM-AR | | | | | | | | | | | | |
| 265 | 35012 | Rel6 Performance Management | | S5 | No | OAM-PM | | | | | | | | | | | | |
| 266 | 35013 | Rel6 User Equipment Management | | S5 | No | OAM-UEM | | | | | | | | | | | | ◆ |
| 267 | 35020 | UEM requirements and architecture; Stages 1 and 2 | | S5 | No | | | | | | | | | | | | | |
| 268 | 35021 | UEM protocol specification; Stage 3 | | T2 | No | | | | | | | | | | | | | |
| 269 | 33014 | Release 6 User Equipment Management: Security aspects | | S3 | No | OAM-UEM- | | | | | | | | | | | | |
| 270 | 35014 | Rel6 Network Infrastructure Management | | S5 | No | OAM-NIM | | | | | | | | | | | | |
| 271 | 35015 | Rel6 Trace Management | | S5 | No | OEM-Trace | | | | | | | | | | | | |
| 272 | 35016 | Charging Management | Rel6 | S5 | No | CH | | | | | | | | | | | | ◆ |
| 273 | 35017 | Charging Management for Bearer level | | S5 | No | CH-BC | | | | | | | | | | | | |
| 274 | 35018 | Charging Management for the IMS | | S5 | No | CH-IC | | | | | | | | | | | | |
| 275 | 35019 | Charging Management for the Service domain | | S5 | No | CH-SC | | | | | | | | | | | | |
| 276 | 32030 | Overall architectural aspects of IP flow based bearer level cha | | S2 | No | | | | | | | | | | | | | |
| 277 | 43004 | Rel-6 USIM toolkit enhancements | NA | T3 | No | | | | | | | | | | | | | |
| 278 | 502031 | C SIM API | Rel6 | T3 | No | USAT1-AP | | | | | | | | | | | | |
| 279 | 502032 | Specification | | T3 | No | | | | | | | | | | | | | |
| 280 | 502033 | Test specification | | T3 | No | | | | | | | | | | | | | |
| 281 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | No | | | | | | | | | | | | | |
| 282 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | T1 | No | MISTST1 | | | | | | | | | | | | ◆ |
| 283 | 1862 | Optimisation of Test Time, RF Aspects (FDD) | el Indep | T1 | No | MISTST1-O | | | | | | | | | | | | |
| 284 | 1863 | Optimisation of Test Time, RF Aspects (TDD) | el Indep | T1 | No | MISTST1-O | | | | | | | | | | | | |
| 285 | 1907 | Extensions to R99 Test cases | | T1 | No | MISTST1-E | | | | | | | | | | | | |
| 286 | 2564 | Extension to R99 Test cases - TTCN | | T1 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|-------------|--|--------|------|--------|----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 288 | 2566 | Creation of R99 TCs for TDD - TTCN | | T1 | No | | | | | | | | | | | | | |
| 289 | 1908 | Review all other work items for impact on new or exiting 34 ser | | T1 | No | MISTST1 | | | | | | | | | | | | |
| 290 | 1340 | Facsimile | Rel4 | S1 | No | FAX | | | | | | | | | | | | |
| 291 | 1341 | Real Time Fax | | S2 | No | FAX-RT | | | | | | | | | | | | |
| 292 | 1808 | Terminal capabilities, AT commands | | T2 | No | | | | | | | | | | | | | |
| 293 | 1343 | Signalling aspects (e.g. ICM) | | N1 | No | | | | | | | | | | | | | |
| 294 | 1648 | Service provision | | N3 | No | | | | | | | | | | | | | |
| 295 | 1345 | Review whether service/stage 1 aspects need to be aligned | | S1 | No | | | | | | | | | | | | | |
| 296 | 1346 | Review whether architecture/stage 2 aspects need to be aligned | | S2 | No | | | | | | | | | | | | | |
| 297 | 1539 | Transparent End-to-End PS mobile streaming application | Rel4 | S4 | No | PSTREAM | | | | | | | | | | | | |
| 298 | 1818 | Multimedia Messaging | Rel4 | T2 | No | MMS | | | | | | | | | | | | |
| 299 | 136 | Definition of service requirements | | S1 | No | MMS | | | | | | | | | | | | |
| 300 | 1819 | Review of definition of service requirements | | T2 | No | | | | | | | | | | | | | |
| 301 | 1820 | Technical Realisation | | T2 | No | | | | | | | | | | | | | |
| 302 | 1821 | Review of definition of reference Achitecture model | | T2 | No | | | | | | | | | | | | | |
| 303 | 1822 | "Fulfill Requirements of Stage 1" | | T2 | No | | | | | | | | | | | | | |
| 304 | 1823 | Definition of MMS primitives in Stage 2 | | T2 | No | | | | | | | | | | | | | |
| 305 | 1541 | Transcoder-Free Operation | Rel4 | N4 | No | TrFO | | | | | | | | | | | | |
| 306 | 112 | OoBTC solution | | N4 | No | TRFO-OOE | | | | | | | | | | | | |
| 307 | 1512 | implementation in UTRAN | | R3 | No | TRFO-OOE | | | | | | | | | | | | |
| 308 | 896 | Impact on architecture, Principles and Terminology | | S2 | No | | | | | | | | | | | | | |
| 309 | 1657 | Codec Negotiation between UE and MSC | | N1 | No | | | | | | | | | | | | | |
| 310 | 115 | Codec Negotiation inter MSC | | N4 | No | | | | | | | | | | | | | |
| 311 | 894 | Bearer establishment inter MSC | | N4 | No | | | | | | | | | | | | | |
| 312 | 905 | Speech Transcoder: Location and Control at the UMTS Core Ne | | S2 | No | TRFO-STL | | | | | | | | | | | | |
| 313 | 124 | Transcoder at Edge | | NP | No | | | | | | | | | | | | | |
| 314 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | GP | No | GEIMP1 | | | | | | | | | | | | |
| 315 | 2311 | Gb over IP (Ip-fication of Gb) | | GP | No | GbIP | | | | | | | | | | | | |
| 316 | 2312 | Concept | | GP | No | | | | | | | | | | | | | |
| 317 | 2313 | Changes to 08.16, 08.18 | | GP | No | | | | | | | | | | | | | |
| 318 | 2314 | GERAN improvements 2 (NACC) | Rel4 | GP | No | GEIMP2 | | | | | | | | | | | | |
| 319 | 2315 | Gb enhancements | | GP | No | Gben | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 320 | 2316 | Intra BSC NACC (Network Assisted Cell Change) | | GP | No | | | | | | | | | | | | | |
| 321 | 2420 | Concept | | GP | No | | | | | | | | | | | | | |
| 322 | 2317 | Changes in 03.64 | | GP | No | | | | | | | | | | | | | |
| 323 | 2318 | Changes in 04.60 | | GP | No | | | | | | | | | | | | | |
| 324 | 2319 | Changes in 44.008 | | GP | No | | | | | | | | | | | | | |
| 325 | 0 | Start Testing | | | No | | | | | | | | | | | | | |
| 326 | 50030 | MS conformance test for Intra BSC NACC | | GP | No | GEIMP2-M | | | | | | | | | | | | |
| 327 | 50099 | Changes in 51.010 | | 5;G4 | No | | | | | | | | | | | | | |
| 328 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | GP | No | GEIMP4 | | | | | | | | | | | | |
| 329 | 2325 | Gb enhancements 2 | | GP | No | GEIMP4-G | | | | | | | | | | | | |
| 330 | 2429 | stage 2 | | GP | No | | | | | | | | | | | | | |
| 331 | 2421 | Stage 3 (changes in 44.060) | | G2 | No | | | | | | | | | | | | | |
| 332 | 2327 | Definition of enhanced countdown procedure | | G2 | No | | | | | | | | | | | | | |
| 333 | 2328 | Definition of enhanced TBF release procedure | | G2 | No | | | | | | | | | | | | | |
| 334 | 2329 | Definition of USF=FREE type polling mechanism on PDCH | | G2 | No | | | | | | | | | | | | | |
| 335 | 1222 | Low Chip Rate TDD option | Rel4 | R1 | No | LCRTDD | | | | | | | | | | | | |
| 336 | 1223 | Physical layer | | R1 | No | LCRTDD-P | | | | | | | | | | | | |
| 337 | 1224 | Layer 2 and layer 3 protocol aspects | | R2 | No | LCRTDD-L | | | | | | | | | | | | |
| 338 | 1225 | RF radio transmission/reception, system performance requirem | | R4 | No | LCRTDD-RI | | | | | | | | | | | | |
| 339 | 1227 | UE radio access capability | | R2 | No | LCRTDD-UI | | | | | | | | | | | | |
| 340 | 1228 | Iub/Iur protocol aspects | | R3 | No | LCRTDD-Iu | | | | | | | | | | | | |
| 341 | 2262 | Low chiprate TDD interworking with GERAN | | | No | | | | | | | | | | | | | |
| 342 | 2263 | Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD | | | No | | | | | | | | | | | | | |
| 343 | 1911 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 344 | 2103 | Conformance Test Aspects - Low Chip Rate TDD | | T1 | No | | | | | | | | | | | | | |
| 345 | 2217 | Testing Layer 2 and layer 3 protocol aspects | | T1 | No | | | | | | | | | | | | | |
| 346 | 2562 | Testing Layer 2 and layer 3 protocol aspects - TTCN | | T1 | No | | | | | | | | | | | | | |
| 347 | 2218 | Testing RF Radio Transmission and Reception | | T1 | No | | | | | | | | | | | | | |
| 348 | 1322 | Enable bearer independent CS architecture | Rel4 | S2 | No | CSSPLIT | | | | | | | | | | | | |
| 349 | 1323 | Enable bearer-independent call control | | N4 | No | | | | | | | | | | | | | |
| 350 | 1516 | Architecture and Stage 2 description | | S2 | No | | | | | | | | | | | | | |
| 351 | 1325 | Standardisation of protocols (control & user planes) over Nb interface | | N3 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|-------------|---|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 352 | 1326 | Standardisation of protocols over reference points between MSC server and | | N4 | No | | | | | | | | | | | | | |
| 353 | 1616 | Standardisation of detailed stage 2 description | | N4 | No | | | | | | | | | | | | | |
| 354 | 1327 | Bearer control between MSC server and MGW | | N4 | No | | | | | | | | | | | | | |
| 355 | 1328 | stage 3 - protocol issues | | N4 | No | | | | | | | | | | | | | |
| 356 | 1329 | stage 3 - parameter value issues | | N3 | No | | | | | | | | | | | | | |
| 357 | 1331 | Lawful interception | | S3 | No | | | | | | | | | | | | | |
| 358 | 1918 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 359 | 2052 | Conformance Test Aspects - Enable bearer independent CS arc | | T1 | No | CSSPLIT-TI | | | | | | | | | | | | |
| 360 | 1445 | MExE enhancements Rel-4 | Rel4 | T2 | No | MEXE | | | | | | | | | | | | |
| 361 | 1447 | MExE Security Analysis Activity | | S3 | No | MEXE-SEC | | | | | | | | | | | | |
| 362 | 2045 | Stage 3 | | S3 | No | MEXE1-SEC | | | | | | | | | | | | |
| 363 | 1448 | Terminal aspects | | T2 | No | | | | | | | | | | | | | |
| 364 | 1810 | MExE Rel4 Improvements and Investigations | | T2 | No | MEXE-ENH | | | | | | | | | | | | |
| 365 | 1812 | 3rd MExE classmark | | T2 | No | | | | | | | | | | | | | |
| 366 | 1814 | FS on Secure download mechanism and capabilities to support SDR concepts | | T2 | No | | | | | | | | | | | | | |
| 367 | 1815 | FS on Support of MP3/MPEG4 content | | T2 | No | | | | | | | | | | | | | |
| 368 | 41003 | Conformance testing of MExE capability (Feasibility study) | Rel4 | T1 | No | | | | | | | | | | | | | |
| 369 | 1631 | Tandem Free aspects for 3G and between 2G and 3G system | Rel4 | S4 | No | TFO | | | | | | | | | | | | |
| 370 | 1632 | Tandem Free AMR | | S4 | No | TFO-AMR | | | | | | | | | | | | |
| 371 | 130 | Specification | | S4 | No | | | | | | | | | | | | | |
| 372 | 907 | Impact on: | | NP | No | | | | | | | | | | | | | |
| 373 | 131 | CN | | NP | No | | | | | | | | | | | | | |
| 374 | 132 | GERAN | | GP | No | | | | | | | | | | | | | |
| 375 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | N1 | No | ASCI | | | | | | | | | | | | |
| 376 | 2232 | Stage 2 | | N4 | No | | | | | | | | | | | | | |
| 377 | 2231 | Stages 2 and 3 on A interface | | N1 | No | | | | | | | | | | | | | |
| 378 | 2403 | 700 MHz spectrum support | Rel4 | GP | No | 700SS | | | | | | | | | | | | |
| 379 | 2404 | GERAN support for the 700 MHz band | | GP | No | | | | | | | | | | | | | |
| 380 | 2405 | Signalling support | | GP | No | | | | | | | | | | | | | |
| 381 | 2406 | Physical layer definitions | | GP | No | | | | | | | | | | | | | |
| 382 | 2407 | Receiver performance and RF budget | | GP | No | | | | | | | | | | | | | |
| 383 | 2408 | GERAN MS Conformance test for 700 MHz band | | GP | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|--|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 384 | 2409 | MS test | | GP | No | | | | | | | | | | | | | |
| 385 | 2410 | GERAN BTS Conformance test for 700 MHz band | | GP | No | | | | | | | | | | | | | |
| 386 | 2411 | BTS test | | GP | No | | | | | | | | | | | | | |
| 387 | 2463 | Operator Determined Barring for Packet Oriented Services | Rel4 | NP | No | ODB | | | | | | | | | | | | |
| 388 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | S2 | No | QoS | | | | | | | | | | | | |
| 389 | 2548 | Architecture | | S2 | No | | | | | | | | | | | | | |
| 390 | 2550 | Charging and OAM&P for QoS Management | | S5 | No | QoS-OA | | | | | | | | | | | | |
| 391 | 1681 | RAB Quality of Service (re)Negotiation over Iu | | R3 | No | QoS-M | | | | | | | | | | | | |
| 392 | 1991 | RAB Quality of Service Negotiation over Iu | | R3 | No | QoS-MA | | | | | | | | | | | | |
| 393 | 2456 | RAB Quality of Service Negotiation over Iu during relocation | | R3 | No | QoS-MA | | | | | | | | | | | | |
| 394 | 1992 | RAB Quality of Service Re-Negotiation over Iu | | R3 | No | QoS-MA | | | | | | | | | | | | |
| 395 | 1553 | GERAN QoS Aspects - Handovers: maintenance of real-time QoS | | GP | No | GERQoS | | | | | | | | | | | | |
| 396 | 2306 | Handover Concept for the PS domain | | GP | No | | | | | | | | | | | | | |
| 397 | 2309 | Stable RT handover report 25.936 including header removal | | GP | No | | | | | | | | | | | | | |
| 398 | 2307 | Update of stage 2 | | GP | No | | | | | | | | | | | | | |
| 399 | 2308 | Update of relevant stage 3 specs -> RRC | | G2 | No | | | | | | | | | | | | | |
| 400 | 50010 | GERAN MS Conformance test for inter-system and intra-system | | R3 | No | GERQoS-I | | | | | | | | | | | | |
| 401 | 50011 | Handover for the PS domain | | R3 | No | | | | | | | | | | | | | |
| 402 | 50012 | Stable RT handover report 25.936 including header removal | | R3 | No | | | | | | | | | | | | | |
| 403 | 50013 | Update of stage 2 | | R3 | No | | | | | | | | | | | | | |
| 404 | 50014 | Update of relevant stage 3 specs | | R3 | No | | | | | | | | | | | | | |
| 405 | 1685 | PS-domain handover for real-time services | | R3 | No | QoS-PS | | | | | | | | | | | | |
| 406 | 2554 | RAB QoS Renegotiation at Relocation | | R3 | No | | | | | | | | | | | | | |
| 407 | 1993 | small Technical Enhancements and Improvements for Rel4 | Rel4 | neric | No | TEI4 | | | | | | | | | | | | |
| 408 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | RP | No | ET | | | | | | | | | | | | |
| 409 | 12 | QoS optimisation for AAL2 connections over Iub and Iur interfa | Rel4 | R3 | No | ET-Qo | | | | | | | | | | | | |
| 410 | 1995 | Transport bearer modification procedure on Iub, Iur, and Iu | Rel4 | R3 | No | ET-Mic | | | | | | | | | | | | |
| 411 | 401834 | Conformance Test Aspects of Rel-4 evolutions of the transport i | | T1 | No | | | | | | | | | | | | | |
| 412 | 2208 | Testing RAB support enhancements | | T1 | No | CT-RABS? | | | | | | | | | | | | |
| 413 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | N4 | No | CNTRSP | | | | | | | | | | | | |
| 414 | 859 | IP Transport of CN protocols (e.g., CAP, MAP) | Rel4 | N4 | No | SS7IP | | | | | | | | | | | | |
| 415 | 1679 | Stage 3 | | N4 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|---|-------------|-----------|-----------|----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 416 | 2018 | CAP | | N2 | No | | | | | | | | | | | | | |
| 417 | 2019 | MAP | | N4 | No | | | | | | | | | | | | | |
| 418 | 2253 | BSSAP+ | | N1 | No | SS7IP-BSS | | | | | | | | | | | | |
| 419 | 1513 | FS on Transport and control separation in the PS CN domain | Rel4 | S2 | No | | | | | | | | | | | | | |
| 420 | 1615 | Architectural impacts | | S2 | No | | | | | | | | | | | | | |
| 421 | 401216 | Rel-4 Improvements of Radio Interface | NA | RP | No | RInImp | | | | | | | | | | | | |
| 422 | 1509 | UTRA repeater specification (master) | Rel4 | R4 | No | RInImp-REF | | | | | | | | | | | | |
| 423 | 1994 | DSCH power control improvement in soft handover | Rel4 | R1 | No | RInImp-DSCH | | | | | | | | | | | | |
| 424 | 1996 | UMTS 1800 | el indep | R4 | No | RInImp-UMTS | | | | | | | | | | | | |
| 425 | 2467 | UMTS 1900 | el indep | R4 | No | RInImp-UMTS | | | | | | | | | | | | |
| 426 | 1219 | FS on High Speed downlink packet access | | R2 | No | RInImp-HSC | | | | | | | | | | | | |
| 427 | 1510 | FS on improved common DL channel for Cell-FACH state | | R2 | No | RInImp-DLC | | | | | | | | | | | | |
| 428 | 401839 | Conformance Test Spec. Rel-4 improvements in Radio Interface | | T1 | No | | | | | | | | | | | | | |
| 429 | 2212 | Testing Improved usage of downlink resource in FDD for CCTrCHs of dedicated | | T1 | No | | | | | | | | | | | | | |
| 430 | 2213 | Testing Terminal Power saving features | | T1 | No | | | | | | | | | | | | | |
| 431 | 2214 | Testing DSCH power control improvement in soft handover | Rel4 | T1 | No | | | | | | | | | | | | | |
| 432 | 2215 | Testing UMTS 1800 | el indep | T1 | No | | | | | | | | | | | | | |
| 433 | 41000 | Testing UMTS 1900 | el indep | T1 | No | | | | | | | | | | | | | |
| 434 | 2561 | Testing UMTS 1800 - TTCN | el indep | T1 | No | | | | | | | | | | | | | |
| 435 | 41001 | Testing UMTS 1900 - TTCN | el indep | T1 | No | | | | | | | | | | | | | |
| 436 | 400009 | Rel-4 RAN improvements | NA | RP | No | RANimp | | | | | | | | | | | | |
| 437 | 655 | Node B synchronisation for TDD | Rel4 | R1 | No | RANimp-NE | | | | | | | | | | | | |
| 438 | 2206 | RAB support enhancement for Rel-4 | Rel4 | R2 | No | RANimp-R/ | | | | | | | | | | | | |
| 439 | 401912 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 440 | 402102 | Conformance Test Aspects - Rel-4 RAN Improvements | | T1 | No | | | | | | | | | | | | | |
| 441 | 402222 | Testing Radio access bearer support enhancements | | T1 | No | | | | | | | | | | | | | |
| 442 | 402461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | T1 | No | RABimp-Rc | | | | | | | | | | | | |
| 443 | 41006 | Testing RAB support enhancements-Robust Header Compression - TTCN | Rel4 | T1 | No | | | | | | | | | | | | | |
| 444 | 41007 | Testing of Extended Robut Header Compression | Rel4 | T1 | No | Ext-RoHC | | | | | | | | | | | | |
| 445 | 41008 | Testing of Extended Robut Header Compression - TTCN | Rel4 | T1 | No | | | | | | | | | | | | | |
| 446 | 401652 | Rel-4 Emergency call enhancements | NA | N1 | No | EMC1 | | | | | | | | | | | | |
| 447 | 1654 | For CS based calls | Rel4 | N1 | No | EMC1-CS | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|---|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 448 | 1320 | Distinction in CS domain of emergency call types to different emergency servi | | S1 | No | | | | | | | | | | | | | |
| 449 | 1999 | Distinction in CS domain of emergency calls to different emergency types | | N1 | No | | | | | | | | | | | | | |
| 450 | 402224 | Conformance Test Aspects - Emergency call enhancements | | T1 | No | | | | | | | | | | | | | |
| 451 | 2226 | Testing CS based emergency calls | | T1 | No | | | | | | | | | | | | | |
| 452 | 2563 | Testing CS based emergency calls - TTCN | | T1 | No | | | | | | | | | | | | | |
| 453 | 401826 | Rel-4 Terminal interfaces | NA | T2 | No | TI | | | | | | | | | | | | |
| 454 | 1827 | AT commands enhancements | Rel4 | T2 | No | TI-ATC | | | | | | | | | | | | |
| 455 | 1828 | Specification of AT commands for new services | | T2 | No | | | | | | | | | | | | | |
| 456 | 1829 | Wide Area Data Synchronisation | NA | T2 | No | TI-WADS | | | | | | | | | | | | |
| 457 | 1830 | Continues evolution of Synchronisation protocol | Rel4 | T2 | No | TI-SYNC-E' | | | | | | | | | | | | |
| 458 | 1832 | Terminal local model | Rel4 | T2 | No | TLM | | | | | | | | | | | | |
| 459 | 401536 | Rel-4 Location Services enhancements | NA | S2 | No | LCS1 | | | | | | | | | | | | |
| 460 | 2229 | CBS interactions | Rel4 | T2 | No | LCS1-CBS | | | | | | | | | | | | |
| 461 | 523 | LCS support in the CS domain | Rel4 | S2 | No | LCS1-CS | | | | | | | | | | | | |
| 462 | 525 | LCS support in the PS domain | Rel4 | S2 | No | LCS1-PS | | | | | | | | | | | | |
| 463 | 1642 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 464 | 1181 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 465 | 1180 | Stage 3 | | N1 | No | | | | | | | | | | | | | |
| 466 | 526 | Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GSM-GPRS) | | N1 | No | | | | | | | | | | | | | |
| 467 | 2462 | MAP impacts of LCS | | N4 | No | | | | | | | | | | | | | |
| 468 | 527 | GTP signaling for LCS | | N4 | No | | | | | | | | | | | | | |
| 469 | 401600 | UE positioning Rel-4 | NA | RP | No | LCS1-UEp | | | | | | | | | | | | |
| 470 | 1601 | lub/lur interfaces for methods Rel 99 | Rel4 | R3 | No | LCS1-UEp | | | | | | | | | | | | |
| 471 | 1602 | UE positioning enhancements - IPDL for TDD | Rel4 | R2 | No | LCS1-UEp | | | | | | | | | | | | |
| 472 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | T3 | No | UICC1 | | | | | | | | | | | | |
| 473 | 1799 | Common PCN Handset Specification (CPHS) | Rel4 | T3 | No | UICC1-CPH | | | | | | | | | | | | |
| 474 | 401800 | Rel-4 (U)SIM toolkit enhancements | NA | T3 | No | USAT1 | | | | | | | | | | | | |
| 475 | 2034 | USAT local link | Rel4 | T3 | No | USAT1-Lo | | | | | | | | | | | | |
| 476 | 401571 | Rel-4 Security enhancements | NA | S3 | No | SEC1 | | | | | | | | | | | | |
| 477 | 1587 | Evolution of GSM CS algorithms (e.g. A5/3 development and de | Rel4 | S3 | No | SEC1-CSA | | | | | | | | | | | | |
| 478 | 1588 | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | Rel4 | S3 | No | SEC1-PSA | | | | | | | | | | | | |
| 479 | 1589 | Main aspects | | S3 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|--|--------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 480 | 1618 | Impact on GTP | | N4 | No | | | | | | | | | | | | | |
| 481 | 1661 | GEA capability indication in MS CM | | N1 | No | SEC1-PSA | | | | | | | | | | | | |
| 482 | 401583 | MAP application layer security | Rel4 | S3 | No | SEC1-MAF | | | | | | | | | | | | |
| 483 | 401584 | Main aspects | | S3 | No | | | | | | | | | | | | | |
| 484 | 402025 | Other stage 3 aspects | | N4 | No | | | | | | | | | | | | | |
| 485 | 401594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | S3 | No | SEC1-VCS | | | | | | | | | | | | |
| 486 | 401142 | Rel-4 Charging and OAM&P | NA | S5 | No | OAM | | | | | | | | | | | | |
| 487 | 2089 | Rel4 Principles, high level Requirements and Architecture | Rel4 | S5 | No | OAM-AR/PI | | | | | | | | | | | | |
| 488 | 2088 | Rel4 Performance Management | Rel4 | S5 | No | | | | | | | | | | | | | |
| 489 | 2081 | Fault Management | Rel4 | S5 | No | | | | | | | | | | | | | |
| 490 | 2082 | Configuration Management | Rel4 | S5 | No | OAM-CM | | | | | | | | | | | | |
| 491 | 2083 | Rel4 Charging Management | Rel4 | S5 | No | OAM-CH | | | | | | | | | | | | |
| 492 | 2071 | UTRAN Operations and Maintenance procedures | Rel4 | S5 | No | UOAM | | | | | | | | | | | | |
| 493 | 1517 | Global Text Telephony | Indep | S2 | No | GTT | | | | | | | | | | | | |
| 494 | 1634 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 495 | 1519 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 496 | 2234 | Specification of Cellular Text telephone Modem | | S4 | No | GTT-CTM | | | | | | | | | | | | |
| 497 | 2238 | General description and C-code | | S4 | No | | | | | | | | | | | | | |
| 498 | 2237 | Minimum Performance requirements | | S4 | No | | | | | | | | | | | | | |
| 499 | 1915 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 500 | 1852 | Conformance Test Aspects - Global Text telephony | | T1 | No | | | | | | | | | | | | | |
| 501 | 34021 | Enhanced Tandem Free Operation | Rel6 | S4 | No | eTFO | | | | | | | | | | | | |
| 502 | 34022 | Packet Switched Streaming Services Rel-6 | Rel6 | S4 | No | PSSrel6 | | | | | | | | | | | | |
| 503 | 34023 | AMR-WB extension for high audio quality | Rel6 | S4 | No | AMRWB+ | | | | | | | | | | | | |
| 504 | 0 | ----- Rel-5 features listed below ----- | Rel5 | | No | | | | | | | | | | | | | |
| 505 | 625 | IP transport in the UTRAN | Rel5 | R3 | No | ETRAN-IPtr | | | | | | | | | | | | |
| 506 | 2455 | FS on Usage of SUA | Rel5 | N4 | No | SS7IP | | | | | | | | | | | | |
| 507 | 2476 | High Speed Downlink Packet Access | Rel5 | R2 | No | HSDPA | | | | | | | | | | | | |
| 508 | 2477 | Physical Layer | | R1 | No | HSDPA-Ph | | | | | | | | | | | | |
| 509 | 2478 | Layer 2 and 3 aspects | | R2 | No | HSDPA-L2: | | | | | | | | | | | | |
| 510 | 2479 | lub/lur protocol aspects | | R3 | No | HSDPA-lub | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|---|-------------|-----------|-----------|------------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 512 | 501216 | Rel-5 Improvements of Radio Interface | NA | RP | No | RInImp | | | | | | | | | | | | |
| 513 | 1471 | Base station classification | Rel5 | R4 | No | RInImp-B5 | | | | | | | | | | | | |
| 514 | 1477 | TDD Base station classification | | R4 | No | RInImp-BS0 | | | | | | | | | | | | |
| 515 | 24002 | Base Station Classification for 1.28 Mcps TDD option | | R4 | No | RInImp-BS0 | | | | | | | | | | | | |
| 516 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | R1 | No | RInImp-DS0 | | | | | | | | | | | | |
| 517 | 1217 | Hybrid ARQ II/III | Rel5 | R2 | No | RInImp-HAF | | | | | | | | | | | | |
| 518 | 1221 | FS on USTS | Rel5 | R1 | No | RInImp-UST1 | | | | | | | | | | | | |
| 519 | 1997 | FS on UE antenna efficiency test method performance requirem | Rel5 | R4 | No | RInImp-UE/ | | | | | | | | | | | | |
| 520 | 2494 | FS on the re-introduction of the downlink SIR measurement | Rel5 | R4 | No | RInImp-SIR | | | | | | | | | | | | |
| 521 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | R4 | No | RInImp-CPI0 | | | | | | | | | | | | |
| 522 | 1839 | Conformance Test Spec. improvements in Radio Interface | | T1 | No | | | | | | | | | | | | | |
| 523 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | T1 | No | | | | | | | | | | | | | |
| 524 | 2211 | Testing Hybrid ARQ II/III | Rel5 | T1 | No | | | | | | | | | | | | | |
| 525 | 500009 | Rel-5 RAN improvements | NA | RP | No | RANimp | | | | | | | | | | | | |
| 526 | 656 | RRM optimization for lur and lub | Rel5 | R3 | No | RANimp-R | | | | | | | | | | | | |
| 527 | 23000 | lur common transport channel efficiency optimisation | | R3 | No | RANimp-RF | | | | | | | | | | | | |
| 528 | 23001 | lur neighbouring cell reporting efficiency optimisation | | R3 | No | RANimp-Rf | | | | | | | | | | | | |
| 529 | 23002 | FS Introduction of direct transport bearers between SRNC and Node-B | | R3 | No | RAN-imp-R | | | | | | | | | | | | |
| 530 | 2488 | RL Timing Adjustment | Rel5 | R3 | No | RANimp-RL | | | | | | | | | | | | |
| 531 | 2489 | Separation of resource reservation and radio link activation | Rel5 | R3 | No | RANimp-Se | | | | | | | | | | | | |
| 532 | 23003 | FS SRNS Relocation Procedure Enhancement | Rel5 | R3 | No | RANimp-SR | | | | | | | | | | | | |
| 533 | 2490 | FS Improvement of Radio Resource Management across RNS a | Rel5 | R3 | No | RANimp-Imj | | | | | | | | | | | | |
| 534 | 2491 | Re-arrangements of lub transport bearers | Rel5 | R3 | No | RANimp-TT | | | | | | | | | | | | |
| 535 | 22000 | RAB support enhancement for Rel-5 | Rel5 | R2 | No | RANimp-R/ | | | | | | | | | | | | |
| 536 | 21001 | Beamforming requirements for UE | Rel5 | R1 | No | RANimp-BF | | | | | | | | | | | | |
| 537 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | R1 | No | RANimp-SS | | | | | | | | | | | | |
| 538 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | R1 | No | RANimp-NE | | | | | | | | | | | | |
| 539 | 1912 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 540 | 2102 | Conformance Test Aspects - RAN Improvements | | T1 | No | | | | | | | | | | | | | |
| 541 | 2222 | Testing Radio access bearer support enhancements | | T1 | No | | | | | | | | | | | | | |
| 542 | 23004 | UTRAN Sharing in Connected Mode | Rel5 | R3 | No | NETSHARE | | | | | | | | | | | | |
| 543 | 1273 | Provisioning of IP-based multimedia services | NA | S1 | No | IMS | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|---|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 544 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | S2 | No | IMS-CCR | | | | | | | | | | | | |
| 545 | 1633 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 546 | 1514 | Stage 2 (Architecture and Main flows) | | S2 | No | | | | | | | | | | | | | |
| 547 | 1296 | Impact on MM/CC/SM | | N1 | No | IMS-CCR-IV | | | | | | | | | | | | |
| 548 | 2233 | SIP Call Control protocol for the IMS | | N1 | No | | | | | | | | | | | | | |
| 549 | 1998 | IMS signalling flows | | N1 | No | | | | | | | | | | | | | |
| 550 | 1278 | IMS stage 3 | | N1 | No | | | | | | | | | | | | | |
| 551 | 2255 | IMS Session Handling; stage 2 | | N1 | No | | | | | | | | | | | | | |
| 552 | 10004 | Main IETF dependencies | | NP | No | | | | | | | | | | | | | |
| 553 | 2521 | IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol) | | N1 | No | | | | | | | | | | | | | |
| 554 | 2523 | IETF: draft-sip-100rel | | N1 | No | | | | | | | | | | | | | |
| 555 | 2522 | IETF: draft-sip-manyfolks-resource (Without COMET)(Integration of re | | N1 | No | | | | | | | | | | | | | |
| 556 | 2524 | IETF: draft-ietf-sip-privacy (SIP extensions for caller identity and priv | | N1 | No | | | | | | | | | | | | | |
| 557 | 2525 | IETF: draft-ietf-sip-call-auth (SIP extensions for media authorization) | | N1 | No | | | | | | | | | | | | | |
| 558 | 11000 | IETF: draft-ietf-sip-events (specific event notification) | | N1 | No | | | | | | | | | | | | | |
| 559 | 11001 | IETF: draft-ietf-sip-refer (refer method) | | N1 | No | | | | | | | | | | | | | |
| 560 | 11002 | IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP servers) | | N1 | No | | | | | | | | | | | | | |
| 561 | 11003 | IETF: draft-ietf-sip-replaces (SIP replaces header) | | N1 | No | | | | | | | | | | | | | |
| 562 | 11004 | IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP and SDP) | | N1 | No | | | | | | | | | | | | | |
| 563 | 11005 | IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SDP) | | N1 | No | | | | | | | | | | | | | |
| 564 | 11022 | IETF: draft-ietf-sip-update | | N1 | No | | | | | | | | | | | | | |
| 565 | 11023 | IETF: draft-jennings-sipping-nai (Network Asserted Identity) | | N1 | No | | | | | | | | | | | | | |
| 566 | 11024 | IETF: p-header drafts for 3GPP (Various 3GPP dependencies) | | N1 | No | | | | | | | | | | | | | |
| 567 | 1290 | Addressing | | S2 | No | | | | | | | | | | | | | |
| 568 | 1291 | Architectural issues | | S2 | No | | | | | | | | | | | | | |
| 569 | 1292 | Impact on HSS | | N4 | No | | | | | | | | | | | | | |
| 570 | 2530 | Service Examples | | S1 | No | IMS-Sex | | | | | | | | | | | | |
| 571 | 2531 | IMS Framework Report | | S1 | No | IMS-FrWk | | | | | | | | | | | | |
| 572 | 1298 | Access Security for IMS | Rel5 | S3 | No | IMS-ASEC | | | | | | | | | | | | |
| 573 | 33000 | SA3 task | | S3 | No | | | | | | | | | | | | | |
| 574 | 43000 | IMS impacts on UICC (ISIM application) | | T3 | No | | | | | | | | | | | | | |
| 575 | 11014 | SIP extensions for Integrity protection | | N1 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|--|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 576 | 2574 | Security Aspects of Requirement for Network Configuration Inc | Rel5 | S3 | No | SEC1-NCI | | | | | | | | | | | | |
| 577 | 1299 | Lawful interception | Rel5 | S3 | No | IMS-LI | | | | | | | | | | | | |
| 578 | 35007 | Charging and OAM&P for IMS | Rel5 | S5 | No | IMS-OAM | | | | | | | | | | | | |
| 579 | 2036 | Multimedia codecs and protocols for conversational PS service | Rel5 | S4 | No | IMS-CODE | | | | | | | | | | | | |
| 580 | 2039 | Codecs | | S4 | No | | | | | | | | | | | | | |
| 581 | 34020 | Transport protocols | Rel5 | S4 | No | IMS-CODEC | | | | | | | | | | | | |
| 582 | 34006 | recommendation for QoS parameter values for various media types | | S4 | No | | | | | | | | | | | | | |
| 583 | 11025 | IETF: draft-ietf-sip-digest-aka | | N1 | No | | | | | | | | | | | | | |
| 584 | 11026 | IETF: draft-ietf-sip-sec-agree | | N1 | No | | | | | | | | | | | | | |
| 585 | 32003 | SIP message compression | Rel5 | S2 | No | | | | | | | | | | | | | |
| 586 | 32004 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 587 | 11015 | Compression signalling | | N1 | No | | | | | | | | | | | | | |
| 588 | 10001 | Stage 3 description of IMS interfaces | Rel5 | NP | No | | | | | | | | | | | | | |
| 589 | 1286 | Cx interface (HSS to CSCF) | | N4 | No | | | | | | | | | | | | | |
| 590 | 14997 | Mp interface (MRFC - MRFP) enhancements | | N4 | No | | | | | | | | | | | | | |
| 591 | 11016 | Mw interface (CSCF to P-CSCF) | | N1 | No | | | | | | | | | | | | | |
| 592 | 11018 | Mr interface (CSCF to MRF) | | N1 | No | | | | | | | | | | | | | |
| 593 | 14003 | Dx interface (I-CSCF to SLF) | | N4 | No | | | | | | | | | | | | | |
| 594 | 13001 | Go interface (GGSN to PCF) | | N3 | No | | | | | | | | | | | | | |
| 595 | 11019 | ISC (IMS Service Control) Interface | | N1 | No | | | | | | | | | | | | | |
| 596 | 14006 | Sh interface (HSS to AS) | | N4 | No | | | | | | | | | | | | | |
| 597 | 14998 | Si interface (HSS to IM-SSF) | | N4 | No | | | | | | | | | | | | | |
| 598 | 11020 | Gm interface (UE to CSCF) | | N1 | No | | | | | | | | | | | | | |
| 599 | 11027 | Mi interface (CSCF to BGCF) | | N1 | No | | | | | | | | | | | | | |
| 600 | 11028 | Mj interface (BGCF to MGCF) | | N1 | No | | | | | | | | | | | | | |
| 601 | 11029 | Mk interface (BGCF to BGCF) | | N1 | No | | | | | | | | | | | | | |
| 602 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e.g. C | Rel5 | N5 | No | IMS-ONOS, | | | | | | | | | | | | |
| 603 | 12000 | CAMEL control of IMS services | Rel5 | N2 | No | IMS-CAME | | | | | | | | | | | | |
| 604 | 12001 | Stage2 work 'general' | | N2 | No | | | | | | | | | | | | | |
| 605 | 12002 | Stage3 work 'CAP' | | N2 | No | | | | | | | | | | | | | |
| 606 | 12003 | Stage2 work 'Si interface' | | N2 | No | | | | | | | | | | | | | |
| 607 | 12004 | Stage3 work 'Si interface' | | N4 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|---------------|---|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 608 | 14004 | SDM issues for CAMEL control of IMS | | N4 | No | | | | | | | | | | | | | |
| 609 | 31002 | Pre-pay/real-time charging in IMS | TBD | S1 | No | | | | | | | | | | | | | |
| 610 | 35005 | Charging | Rel5 | S5 | No | OAM-CH | | | | | | | | | | | | |
| 611 | 32006 | Charging Implications of IMS architecture | | S2 | No | | | | | | | | | | | | | |
| 612 | 35006 | Charging management for IMS (off-line & on-line) | Rel5 | S5 | No | OAM-CH | | | | | | | | | | | | |
| 613 | 10002 | Other IETF dependencies | Rel5 | NP | No | | | | | | | | | | | | | |
| 614 | 11011 | IETF: draft-ietf-aaa-diameter - should be CN4 | | NP | No | | | | | | | | | | | | | |
| 615 | 11999 | IETF: draft-johansson-aaa-diameter-mm-app - should be CN4 | | NP | No | | | | | | | | | | | | | |
| 616 | 1913 | Start Testing | Rel5 | VLST | No | | | | | | | | | | | | | |
| 617 | 1844 | Conformance Test Aspects - Provisioning of IMS | | T1 | No | IMS-TEST | | | | | | | | | | | | |
| 618 | 41004 | Testing of support for IMS - prose | Rel5 | T1 | No | | | | | | | | | | | | | |
| 619 | 41005 | Testing of support for IMS - TTCN | Rel5 | T1 | No | | | | | | | | | | | | | |
| 620 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | S4 | No | PSS-E | | | | | | | | | | | | |
| 621 | 34002 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 622 | 31032 | Interaction with other services | | S1 | No | | | | | | | | | | | | | |
| 623 | 34003 | Stage 2 (version Rel5 of TS 26.234) | | S4 | No | | | | | | | | | | | | | |
| 624 | 34019 | RTP usage model | | S4 | No | | | | | | | | | | | | | |
| 625 | 501637 | Rel-5 OSA enhancements | NA | S1 | No | OSA1 | | | | | | | | | | | | |
| 626 | 32010 | General Stage 2 for Rel5 | | S2 | No | | | | | | | | | | | | | |
| 627 | 1429 | OSA APIs for Multimedia Call Control | Rel5 | S2 | No | OSA1-CSC | | | | | | | | | | | | |
| 628 | 1430 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 629 | 15002 | (Multimedia) Call Control - Stages 2 and 3 | | N5 | No | | | | | | | | | | | | | |
| 630 | 15003 | Generic user interaction - Stage 3 | Rel5 | N5 | No | | | | | | | | | | | | | |
| 631 | 15004 | Charging - Stage 3 | Rel5 | N5 | No | | | | | | | | | | | | | |
| 632 | 15007 | Call Control Service Mapping; Multiparty Call Control SIP - Sta | Rel5 | N5 | No | | | | | | | | | | | | | |
| 633 | 15999 | WSDL APIs for SOAP/HTTP - Stage 3 | Rel5 | N5 | No | | | | | | | | | | | | | |
| 634 | 1419 | OSA security | Rel5 | S3 | No | OSA1-SEC | | | | | | | | | | | | |
| 635 | 2121 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 636 | 1421 | Stage 3 | | S3 | No | | | | | | | | | | | | | |
| 637 | 1422 | security related SCF(s) definition | | N5 | No | | | | | | | | | | | | | |
| 638 | 1423 | (possibly) changes required from supporting platforms, e.g. gsmSCF, HLR | | S3 | No | | | | | | | | | | | | | |
| 639 | 401424 | Interactions OSA - e-commerce | Rel5 | S2 | No | OSA1-ECC | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|--|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 640 | 1425 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 641 | 1529 | Stages 2 and 3 | | N5 | No | | | | | | | | | | | | | |
| 642 | 15005 | Policy Management - Stage 3 | Rel5 | N5 | No | | | | | | | | | | | | | |
| 643 | 15006 | Presence and Availability Management (PAM) - Stage 3 | Rel5 | N5 | No | | | | | | | | | | | | | |
| 644 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | S1 | No | OSA1-LCS | | | | | | | | | | | | |
| 645 | 1787 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 646 | 2124 | Stage 2 | | S2 | No | | | | | | | | | | | | | |
| 647 | 1788 | Stage 3 | | N5 | No | | | | | | | | | | | | | |
| 648 | 1638 | CAMEL phase 4 | Rel5 | S1 | No | CAMEL4 | | | | | | | | | | | | |
| 649 | 1461 | Service requirements | | S1 | No | | | | | | | | | | | | | |
| 650 | 2012 | Call Party Handling | | N2 | No | CAMEL4-CI | | | | | | | | | | | | |
| 651 | 2013 | Mid call procedure for MO and MT calls | | N2 | No | CAMEL4-MI | | | | | | | | | | | | |
| 652 | 2014 | Interactions with Optimal Routing | | N2 | No | CAMEL4-IC | | | | | | | | | | | | |
| 653 | 2015 | Inclusion of flexible tone injection | | N2 | No | CAMEL4-IF | | | | | | | | | | | | |
| 654 | 2016 | CSE control over MT SMS | | N2 | No | CAMEL4-CI | | | | | | | | | | | | |
| 655 | 2460 | Notification of GPRS mobility management to CSE | | N2 | No | CAMEL4-NI | | | | | | | | | | | | |
| 656 | 2458 | Provision of location information of called subscriber | | N2 | No | CAMEL4-LC | | | | | | | | | | | | |
| 657 | 2514 | Inclusion of ODB data in the CSE_HLR interface | | N2 | No | CAMEL4-OI | | | | | | | | | | | | |
| 658 | 2515 | Location information during an ongoing call (Handover DP) | | N2 | No | CAMEL4-HI | | | | | | | | | | | | |
| 659 | 2516 | GPRS Any Time Interrogation | | N2 | No | CAMEL4-AI | | | | | | | | | | | | |
| 660 | 2599 | Transfer of IMEI (with SW version) to CSE | | N2 | No | CAMEL4-AI | | | | | | | | | | | | |
| 661 | 12005 | Handling of partial implementations of CAMEL4 | | N2 | No | CAMEL4-SI | | | | | | | | | | | | |
| 662 | 2464 | Rel-5 MExE enhancements | Rel5 | T2 | No | MEXE5 | | | | | | | | | | | | |
| 663 | 2466 | MExE Rel-5 Improvements and Investigations | | T2 | No | MEXE5-ENI | | | | | | | | | | | | |
| 664 | 1625 | Wideband Telephony Service - AMR | Rel5 | S4 | No | AMRWB | | | | | | | | | | | | |
| 665 | 62 | Specification | | S4 | No | | | | | | | | | | | | | |
| 666 | 31005 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 667 | 32007 | Stage 2 | | S4 | No | | | | | | | | | | | | | |
| 668 | 1459 | Design Constraints | | S4 | No | | | | | | | | | | | | | |
| 669 | 1460 | General Description | | S4 | No | | | | | | | | | | | | | |
| 670 | 1626 | Feasibility Study | | S4 | No | | | | | | | | | | | | | |
| 671 | 1656 | N1 Aspects | | N1 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|-------------|---|--------|-----------|-----------|---------------|-----------------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 672 | 14005 | N4 work | | N4 | No | | | | | | | | | | | | | |
| 673 | 67 | Codec issues | | S4 | No | | | | | | | | | | | | | |
| 674 | 1627 | Codec qualification | | S4 | No | | | | | | | | | | | | | |
| 675 | 74 | Codec selection tests | | S4 | No | | | | | | | | | | | | | |
| 676 | 891 | Codec selection | | S4 | No | | | | | | | | | | | | | |
| 677 | 34007 | TFO AMR-WB | | S4 | No | AMRWB-TF | | | | | | | | | | | | |
| 678 | 890 | Other codec issues (verif., characterisation) | | S4 | No | | | | | | | | | | | | | |
| 679 | 34008 | AMR-WB and narrowband interworking | | S4 | No | AMRWB-IV | | | | | | | | | | | | |
| 680 | 34009 | Interworking with fixed broadband networks | | S4 | No | | | | | | | | | | | | | |
| 681 | 34010 | Tones and announcements | | S4 | No | | | | | | | | | | | | | |
| 682 | 34011 | WB Conferencing and WB Voice Group calls | | S1 | No | | | | | | | | | | | | | |
| 683 | 34012 | Billing, accounting and call detail record aspects | Rel5 | S5 | No | | | | | | | | | | | | | |
| 684 | 1989 | Start Testing | | VLST | No | | | | | | | | | | | | | |
| 685 | 1855 | Conformance tests (CRs to 34 series) | | T1 | No | | | | | | | | | | | | | |
| 686 | 76 | Terminal Acoustic Characteristics | | S4 | No | | | | | | | | | | | | | |
| 687 | 1628 | Definition | | S4 | No | | | | | | | | | | | | | |
| 688 | 1629 | Test specification | | S4 | No | | | | | | | | | | | | | |
| 689 | 34004 | Floating-point ANSI-C code for the AMR-WB speech codec | | S4 | No | AMRWB-FI | | | | | | | | | | | | |
| 690 | 80 | Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR | | GP | No | GAMRWB | | | | | | | | | | | | |
| 691 | 50098 | Channel coding in 45.003 | | GP | No | | | | | | | | | | | | | |
| 692 | 2266 | Signalling for the A interface | | GP | No | | | | | | | | | | | | | |
| 693 | 2267 | Signalling for lu | | GP | No | | | | | | | | | | | | | |
| 694 | 2268 | Receiver performance in TS 45.005 | | GP | No | | | | | | | | | | | | | |
| 695 | 50000 | Link Adaptation in 45.009 | | GP | No | | | | | | | | | | | | | |
| 696 | 2269 | GERAN MS conformance test for AMR-WB | | GP | No | | | | | | | | | | | | | |
| 697 | 2270 | MS test | | GP | No | | | | | | | | | | | | | |
| 698 | 2271 | GERAN BTS conformance test for AMR-WB | | GP | No | | | | | | | | | | | | | |
| 699 | 2272 | BTS test | | GP | No | | | | | | | | | | | | | |
| 700 | 2573 | Terminal local model enhancements | Rel5 | T2 | No | TLM5 | | | | | | | | | | | | |
| 701 | 1536 | Rel-5 Location Services enhancements | Rel5 | S2 | No | LCS1 | | | | | | | | | | | | |
| 702 | 1600 | UE positioning | | NA | RP | No | LCS1-UEp | | | | | | | | | | | |
| 703 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | R2 | No | LCS-128Pc | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|--|-------------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 704 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning | Rel5 | R2 | No | LCS-INTF | | | | | | | | | | | | |
| 705 | 1171 | Event based and Periodic LCS | Rel5 | S1 | No | LCS1-EBP | | | | | | | | | | | | |
| 706 | 1641 | Stage 1 | | S1 | No | | | | | | | | | | | | | |
| 707 | 1538 | Stage 2 specification | | S2 | No | | | | | | | | | | | | | |
| 708 | 1179 | Impact on MAP | | N4 | No | | | | | | | | | | | | | |
| 709 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | GP | No | LCS-GERA | | | | | | | | | | | | |
| 710 | 2437 | GERAN LCS Stage 2 (first release) | | i1;G2 | No | | | | | | | | | | | | | |
| 711 | 2438 | Gb interface support for LCS | | GP | No | | | | | | | | | | | | | |
| 712 | 2440 | L3 protocol support for LCS | | GP | No | | | | | | | | | | | | | |
| 713 | 2441 | Stage 3 specifications | | GP | No | | | | | | | | | | | | | |
| 714 | 2442 | Location Services for GERAN in lu Mode | Rel5 | GP | No | | | | | | | | | | | | | |
| 715 | 2443 | GERAN LCS Stage 2 | | i1;G2 | No | | | | | | | | | | | | | |
| 716 | 2444 | lu-ps interface support for LCS | | i1;G2 | No | | | | | | | | | | | | | |
| 717 | 2445 | lu-cs interface support for LCS | | i1;G2 | No | | | | | | | | | | | | | |
| 718 | 2446 | lur-g interface support for LCS | | i1;G2 | No | | | | | | | | | | | | | |
| 719 | 2447 | RRC protocol support for LCS | | i1;G2 | No | | | | | | | | | | | | | |
| 720 | 2448 | Additional impacts on Broadcast of LCS data on packet channels | | i1;G2 | No | | | | | | | | | | | | | |
| 721 | 2449 | Stage 3 specifications | | i1;G2 | No | | | | | | | | | | | | | |
| 722 | 50068 | GERAN MS Conformance test for LCS | | GP | No | LCS-GERA | | | | | | | | | | | | |
| 723 | 55069 | Develop LCS MS test case work plan (Release 98/99/4) | | i4;G5 | No | | | | | | | | | | | | | |
| 724 | 55070 | Develop LCS MS test cases | | i4;G5 | No | | | | | | | | | | | | | |
| 725 | 50069 | GERAN BTS Conformance test for LCS | | GP | No | LCS-GERA | | | | | | | | | | | | |
| 726 | 55071 | Develop LCS BTS test case work plan (Release 98/99/4) | | i4;G5 | No | | | | | | | | | | | | | |
| 727 | 55072 | Develop LCS BTS test cases | | i4;G5 | No | | | | | | | | | | | | | |
| 728 | 544 | LCS interoperation stage 2 aspects | | S2 | No | | | | | | | | | | | | | |
| 729 | 2434 | LCS interoperability aspects to GERAN | Rel5 | GP | No | LCS-GERA | | | | | | | | | | | | |
| 730 | 2435 | Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GER | | i2;G1 | No | LCS-GERA | | | | | | | | | | | | |
| 731 | 1183 | FS on LCS support in the IMS | | S1 | No | | | | | | | | | | | | | |
| 732 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | S5 | No | LCS1-OAM | | | | | | | | | | | | |
| 733 | 521 | New security aspects of LCS (not identified) | Rel5 | S3 | No | LCS1-SEC | | | | | | | | | | | | |
| 734 | 32011 | Specification for the Le Interface | Rel5 | S2 | No | LCS1-Le | | | | | | | | | | | | |
| 735 | 32022 | CHECK STATUS - Inter-GMLC interface | | S2 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|---|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 736 | 501571 | Rel-5 Security enhancements | NA | S3 | No | SEC1 | | | | | | | | | | | | |
| 737 | 1576 | Network domain security | Rel5 | S3 | No | SEC1-NDS | | | | | | | | | | | | |
| 738 | 1577 | Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provided by | | S3 | No | | | | | | | | | | | | | |
| 739 | 1578 | Main aspects | | S3 | No | | | | | | | | | | | | | |
| 740 | 1579 | Integration of GTP signalling security architecture | | N4 | No | | | | | | | | | | | | | |
| 741 | 1580 | User plane protection in core network (e.g., provided by IPsec) | | S3 | No | | | | | | | | | | | | | |
| 742 | 1581 | Main aspects | | S3 | No | | | | | | | | | | | | | |
| 743 | 1582 | Integration of GTP signalling security architecture | | N4 | No | | | | | | | | | | | | | |
| 744 | 2576 | IP network layer security (NDS/IP) | | S3 | No | SEC1-NDS- | | | | | | | | | | | | |
| 745 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN Nodes | Rel5 | S2 | No | IUFLEX | | | | | | | | | | | | |
| 746 | 2244 | Overall System Architecture | | S2 | No | | | | | | | | | | | | | |
| 747 | 20000 | Stage 3: RAN node selecting CN node | | R3 | No | | | | | | | | | | | | | |
| 748 | 2248 | N1 work | | N1 | No | | | | | | | | | | | | | |
| 749 | 2249 | N4 work | | N4 | No | | | | | | | | | | | | | |
| 750 | 50067 | GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes | Rel5 | GP | No | IDCRAN-GI | | | | | | | | | | | | |
| 751 | 51068 | Stage 2 (changes to) | | G1 | No | | | | | | | | | | | | | |
| 752 | 51069 | 43.051 Introduction of support for IDNNS in GERAN lu mode | | G1 | No | | | | | | | | | | | | | |
| 753 | 52070 | Stage 3 (changes to) | | G2 | No | | | | | | | | | | | | | |
| 754 | 52077 | 48.016 Use of Gb interface concepts when a network applies IDNNS | | G2 | No | | | | | | | | | | | | | |
| 755 | 52078 | 48.018 Include MSC/VLR identity in CS IMSI paging | | G2 | No | | | | | | | | | | | | | |
| 756 | 2320 | GERAN improvements 3 (new transport layer on interface A) | Rel5 | GP | No | GEIMP3 | | | | | | | | | | | | |
| 757 | 2321 | Evolution of the transport for A | | GP | No | GEIMP3-EI | | | | | | | | | | | | |
| 758 | 2322 | Definition of a new A/Ater interface Transport Layer option based on the lu In | | GP | No | | | | | | | | | | | | | |
| 759 | 2323 | Adaptation of the Layer 3 BSSMAP procedures as required | | GP | No | | | | | | | | | | | | | |
| 760 | 501142 | Rel-5 Charging and OAM&P | NA | S5 | No | OAM | | | | | | | | | | | | |
| 761 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | S5 | No | OAM-AR/PI | | | | | | | | | | | | |
| 762 | 35003 | Rel5 Performance Management | Rel5 | S5 | No | OAM-PM | | | | | | | | | | | | |
| 763 | 35004 | Rel5 Charging Management | Rel5 | S5 | No | OAM-CH | | | | | | | | | | | | |
| 764 | 35001 | Rel5 Network Infrastructure Management | Rel5 | S5 | No | OAM-NIM | | | | | | | | | | | | |
| 765 | 2392 | GERAN enhancements for streaming services 1 (RLC enhar | Rel5 | GP | No | | | | | | | | | | | | | |
| 766 | 2394 | Concept | | GP | No | | | | | | | | | | | | | |
| 767 | 2395 | RLC protocol enhancement (SDU Discard) | | GP | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|-------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 768 | 2396 | GERAN enhancements for streaming services 2 (usage of E | Rel5 | GP | No | | | | | | | | | | | | | |
| 769 | 2398 | Usage of ECSD Concept | | GP | No | | | | | | | | | | | | | |
| 770 | 2399 | Stage 2 | | GP | No | | | | | | | | | | | | | |
| 771 | 2400 | Stage 3 | | GP | No | | | | | | | | | | | | | |
| 772 | 2401 | RLC PDU formats | | GP | No | | | | | | | | | | | | | |
| 773 | 2402 | MAC header | | GP | No | | | | | | | | | | | | | |
| 774 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | P;R3 | No | GERUEV1 | | | | | | | | | | | | |
| 775 | 2413 | Evolution of lu ps | | P;R3 | No | GERUEV1- | | | | | | | | | | | | |
| 776 | 2414 | Identification of GERAN requirements on lu ps | | P;R3 | No | | | | | | | | | | | | | |
| 777 | 2415 | Update of specifications | | P;R3 | No | | | | | | | | | | | | | |
| 778 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | P;R3 | No | GERUEV2 | | | | | | | | | | | | |
| 779 | 2417 | Evolution of lu cs | | P;R3 | No | GERUEV2- | | | | | | | | | | | | |
| 780 | 2418 | Identification of GERAN requirements on lu cs | | P;R3 | No | | | | | | | | | | | | | |
| 781 | 2419 | Update of specifications | | P;R3 | No | | | | | | | | | | | | | |
| 782 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | S2 | No | E2EQoS | | | | | | | | | | | | |
| 783 | 2557 | E2E QoS Concept and Architecture | | S2 | No | | | | | | | | | | | | | |
| 784 | 2558 | E2E QoS interworking | | N3 | No | E2EQoS-IW | | | | | | | | | | | | |
| 785 | 2559 | QoS Management (Provisioning and Monitoring) | Rel5 | S5 | No | E2EQoS-O | | | | | | | | | | | | |
| 786 | 2569 | Messaging enhancements Rel-5 | Rel5 | T2 | No | MESS5 | | | | | | | | | | | | |
| 787 | 2571 | Multimedia Messaging (MMS) enhancements | | T2 | No | MESS5-MI | | | | | | | | | | | | |
| 788 | 31000 | Definition of service requirements | Rel5 | S1 | No | MESS5-SR | | | | | | | | | | | | |
| 789 | 42000 | Technical realization | | T2 | No | | | | | | | | | | | | | |
| 790 | 42008 | WAP Forum dependency: MM1 stage 3 | | T2 | No | | | | | | | | | | | | | |
| 791 | 34018 | MMS formats and codecs | | S4 | No | | | | | | | | | | | | | |
| 792 | 2572 | Enhanced Messaging Service (EMS) enhancements | | T2 | No | MESS5-EM | | | | | | | | | | | | |
| 793 | 31001 | Definition of service requirements | | S1 | No | | | | | | | | | | | | | |
| 794 | 42001 | Technical realization | | T2 | No | | | | | | | | | | | | | |
| 795 | 50001 | GERAN Inter BSC NACC improvements over the Gb Interfac | Rel5 | GP | No | GERNACC | | | | | | | | | | | | |
| 796 | 14501 | Modification of core network protocols for GERAN Inter BSC NA | | I4;S2 | No | GERNACC | | | | | | | | | | | | |
| 797 | 32502 | Stage 2 - Concept | | I4;S2 | No | | | | | | | | | | | | | |
| 798 | 14502 | Stage 2 - 23.060 change - Definition of Inter BSC NACC | | I4;S2 | No | | | | | | | | | | | | | |
| 799 | 14503 | Stage 3 (changes to TS 29.060) | | N4 | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|-------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 800 | 50002 | Modification of Gb protocols for GERAN Inter BSC NACC over G | | GP | No | GERNACC | | | | | | | | | | | | |
| 801 | 50003 | Stage 3 (changes to TS 48.018) | | GP | No | | | | | | | | | | | | | |
| 802 | 50033 | Enhanced Power Control | Rel5 | GP | No | EPC | | | | | | | | | | | | |
| 803 | 50034 | Realization of Enhanced power control and signaling support | | GP | No | | | | | | | | | | | | | |
| 804 | 50035 | GERAN MS Conformance test for Enhanced Power Control | | GP | No | | | | | | | | | | | | | |
| 805 | 50036 | GERAN BTS Conformance test for Enhanced Power Control | | GP | No | | | | | | | | | | | | | |
| 806 | 50037 | 8PSK AMR HR | Rel5 | GP | No | 8PSK-AH | | | | | | | | | | | | |
| 807 | 50038 | Definition of channel coding, performance requirements and si | | GP | No | | | | | | | | | | | | | |
| 808 | 50061 | Concept | | GP | No | | | | | | | | | | | | | |
| 809 | 52004 | Changes to 44.018 | | G2 | No | | | | | | | | | | | | | |
| 810 | 51025 | Changes to 45.001 | | G1 | No | | | | | | | | | | | | | |
| 811 | 51026 | Changes to 45.002 | | G1 | No | | | | | | | | | | | | | |
| 812 | 51027 | Changes to 45.003 | | G1 | No | | | | | | | | | | | | | |
| 813 | 51028 | Changes to 45.005 | | G1 | No | | | | | | | | | | | | | |
| 814 | 52005 | Changes to 24.008 | | G2 | No | | | | | | | | | | | | | |
| 815 | 52006 | Changes to 48.058 | | G2 | No | | | | | | | | | | | | | |
| 816 | 50039 | GERAN MS Conformance test for 8PSK HR | | GP | No | | | | | | | | | | | | | |
| 817 | 50040 | GERAN BTS Conformance test for 8PSK HR | | GP | No | | | | | | | | | | | | | |
| 818 | 13000 | Service Change and UDI Fallback | Rel5 | N3 | No | SCUDIF | | | | | | | | | | | | |
| 819 | 501800 | Rel-5 USIM toolkit enhancements | NA | T3 | No | USAT1 | | | | | | | | | | | | |
| 820 | 43002 | Test specification for USIM toolkit security mechanims | | T3 | No | | | | | | | | | | | | | |
| 821 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | T3 | No | USAT1-Inf | | | | | | | | | | | | |
| 822 | 2497 | Stage 1 | | T3 | No | | | | | | | | | | | | | |
| 823 | 2496 | Stage 2 and 3 | | T3 | No | | | | | | | | | | | | | |
| 824 | 2518 | Test specification | | T3 | No | | | | | | | | | | | | | |
| 825 | 501802 | (U)SIM API | NA | T3 | No | USAT1-AP | | | | | | | | | | | | |
| 826 | 5043001 | Java API Test specification | | T3 | No | | | | | | | | | | | | | |
| 827 | 30001 | small Technical Enhancements and Improvements for Rel5 | Rel5 | neric | No | TEI5 | | | | | | | | | | | | |
| 828 | 31013 | Technical Report on UE Functionality Split | Rel5 | S1 | No | UESPLIT | | | | | | | | | | | | |
| 829 | 2520 | User Equipment Management | NA | S5 | No | UEM | | | | | | | | | | | | |
| 830 | 35000 | FS on User Equipment (UE) Management | Rel5 | S5 | No | OAM-UEM | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|--------------|---|--------|-----------|-----------|-----------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 832 | 50102 | Update of stage 2 specifications | | GP | No | | | | | | | | | | | | | |
| 833 | 32097 | Concept document 23.060 (changes to) | | S2 | No | | | | | | | | | | | | | |
| 834 | 50103 | Flow Control | | GP | No | | | | | | | | | | | | | |
| 835 | 50104 | Modification of BSSGP protocol | | GP | No | | | | | | | | | | | | | |
| 836 | 52095 | Stage 3 (changes to 48.018) | | G2 | No | | | | | | | | | | | | | |
| 837 | 50058 | Multiple TBF in A/Gb mode | Rel5 | GP | No | MULTBF | | | | | | | | | | | | |
| 838 | 50059 | Multiple TBF in A/Gb mode | | GP | No | MULTBF- | | | | | | | | | | | | |
| 839 | 50060 | Multiple TBF Concept paper | | GP | No | | | | | | | | | | | | | |
| 840 | 51001 | Multiple TBF Stage 2 (43.064) CRs | | G1 | No | | | | | | | | | | | | | |
| 841 | 50062 | Multiple TBF Stage 3 (44.060) CRs | | G2 | No | | | | | | | | | | | | | |
| 842 | 50106 | Multiple TBF in A/Gb mode – MS testing | | GP | No | | | | | | | | | | | | | |
| 843 | 54101 | MS conformance tests | | G4 | No | | | | | | | | | | | | | |
| 844 | 2345 | Alignment of 3G functional split and lu | Rel5 | GP | No | GER3GAL | | | | | | | | | | | | |
| 845 | 2346 | GERAN user / control plane | | GP | No | GER3GAL- | | | | | | | | | | | | |
| 846 | 2347 | Alignment with UMTS bearer concept | | GP | No | | | | | | | | | | | | | |
| 847 | 50300 | Enhanced power control | | GP | No | | | | | | | | | | | | | |
| 848 | 2423 | Stage 2 | | GP | No | | | | | | | | | | | | | |
| 849 | 2348 | Adoption of the UTRAN PDCP | | GP | No | | | | | | | | | | | | | |
| 850 | 50043 | Development of RLC / MAC | | GP | No | | | | | | | | | | | | | |
| 851 | 50044 | Development of GERAN RRC | | GP | No | | | | | | | | | | | | | |
| 852 | 50045 | Ciphering and integrity protection concept paper | | GP | No | | | | | | | | | | | | | |
| 853 | 50046 | Multiple TBF or equivalent Concept paper | | GP | No | | | | | | | | | | | | | |
| 854 | 50047 | Paging concept | | GP | No | | | | | | | | | | | | | |
| 855 | 50048 | Dedicated Physical subchannels, includes traffic and control channels | | GP | No | | | | | | | | | | | | | |
| 856 | 50049 | lu support and broadcast concept | | GP | No | | | | | | | | | | | | | |
| 857 | 50050 | Impact of using RLC instead of LAPDm concept | | GP | No | | | | | | | | | | | | | |
| 858 | 50051 | Contention resolution, mobile station identity, and access concept | | GP | No | | | | | | | | | | | | | |
| 859 | 50052 | PDCP concept | | GP | No | | | | | | | | | | | | | |
| 860 | 50053 | Downlink delayed TBF release | | GP | No | | | | | | | | | | | | | |
| 861 | 50054 | Add transparent RLC Concept | | GP | No | | | | | | | | | | | | | |
| 862 | 50055 | Handover concept | | GP | No | | | | | | | | | | | | | |
| 863 | 2424 | Physical layer alignment with UMTS bearer concept | | GP | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|-------------|---|-------------|-------------|-----------|------------------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 864 | 2356 | PDTCH/TCH in 45.003 | | GP | No | | | | | | | | | | | | | |
| 865 | 2357 | Control channels in 45.003 | | GP | No | | | | | | | | | | | | | |
| 866 | 2358 | Receiver performance in 45.005 for PDTCH/TCH and control channels | | GP | No | | | | | | | | | | | | | |
| 867 | 2359 | lu rg interface | | P;RP | No | GER3GAL | | | | | | | | | | | | |
| 868 | 2425 | Inter BSS interface | | P;RP | No | | | | | | | | | | | | | |
| 869 | 2360 | Identification of requirements | | GP | No | | | | | | | | | | | | | |
| 870 | 2361 | Stage 2 | | GP | No | | | | | | | | | | | | | |
| 871 | 2362 | Adoption of relevant parts from lur | | GP | No | | | | | | | | | | | | | |
| 872 | 2363 | Complementation with GERAN specifics | | GP | No | | | | | | | | | | | | | |
| 873 | 2364 | Stage 3 | | GP | No | | | | | | | | | | | | | |
| 874 | 2426 | Inter BSS-RNS interface | | P;RP | No | | | | | | | | | | | | | |
| 875 | 2365 | Identification of requirements | | !P;R3 | No | | | | | | | | | | | | | |
| 876 | 2366 | Stage 2 | | !P;R3 | No | | | | | | | | | | | | | |
| 877 | 2367 | Adoption of relevant parts from lur | | !P;R3 | No | | | | | | | | | | | | | |
| 878 | 2368 | Complementation with GERAN specifics | | !P;R3 | No | | | | | | | | | | | | | |
| 879 | 2369 | Stage 3 | | !P;R3 | No | | | | | | | | | | | | | |
| 880 | 2370 | Voice over GERAN PS and CS concept | | P;R3 | No | | | | | | | | | | | | | |
| 881 | 2371 | Architecture for A, lu cs and lu ps | | !P;R3 | No | | | | | | | | | | | | | |
| 882 | 2372 | Transcoder position/operation | | GP | No | | | | | | | | | | | | | |
| 883 | 2373 | Handover | | !P;R3 | No | | | | | | | | | | | | | |
| 884 | 2374 | RTP payload | | !P;R3 | No | | | | | | | | | | | | | |
| 885 | 2375 | Codec renegotiation concept | | !P;R3 | No | | | | | | | | | | | | | |
| 886 | 2376 | LA | | GP | No | | | | | | | | | | | | | |
| 887 | 2388 | GERAN MS Conformance test for GERAN interface evolution | | GP | No | | | | | | | | | | | | | |
| 888 | 2389 | MS test | | GP | No | | | | | | | | | | | | | |
| 889 | 2390 | GERAN BSS Conformance test for GERAN interface evolution | | GP | No | | | | | | | | | | | | | |
| 890 | 2391 | BSS test | | GP | No | | | | | | | | | | | | | |
| 891 | 2330 | GERAN support for IMS | Rel5 | GP | No | GERIMS | | | | | | | | | | | | |
| 892 | 2331 | GERAN Header adaptation | | 2;RP | No | GERIMS-HI | | | | | | | | | | | | |
| 893 | 2332 | Definition of compression and removal modes for PDCP protocol | | !2;RP | No | | | | | | | | | | | | | |
| 894 | 2333 | Conceptual description in stage 2 | | !2;RP | No | | | | | | | | | | | | | |
| 895 | 2334 | Necessary changes on stage 3 regarding header removal | | !2;RP | No | | | | | | | | | | | | | |

| ID | Unique_I | Name | Releas | Resc | Modifi | Acronym | , 2003 | | Qtr 2, 2003 | | | Qtr 3, 2003 | | | Qtr 4, 2003 | | | Qtr |
|-----|----------|--|--------|------|--------|-----------|--------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-----|
| | | | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| 896 | 2335 | GERAN Radio access bearer design for IMS | | 2;RP | No | GERIMS-R/ | | | | | | | | | | | | |
| 897 | 2422 | MuM control signalling for conversational multimedia services | | 2;RP | No | | | | | | | | | | | | | |
| 898 | 2431 | Identification of requirements | | 2;RP | No | | | | | | | | | | | | | |
| 899 | 2337 | Necessary modifications due to SIP | | 2;RP | No | | | | | | | | | | | | | |
| 900 | 2341 | GERAN MS Conformance test for support of IMS | | GP | No | GERIMS-M | | | | | | | | | | | | |
| 901 | 2342 | MS test | | G4 | No | | | | | | | | | | | | | |
| 902 | 2343 | GERAN BTS Conformance test for support of IMS | | GP | No | GERIMS-B | | | | | | | | | | | | |
| 903 | 2344 | BTS test | | G3 | No | | | | | | | | | | | | | |
| 904 | 54001 | MS Conformance Testing of Dual Transfer Mode | NA | 4;G5 | No | MSCTDTM | | | | | | | | | | | | |
| 905 | 51101 | Single Antenna Receiver Interference Cancellation (SAIC) | Rel6 | G1 | No | SAIC | | | | | | | | | | | | |
| 906 | 50500 | Support of Conversational Services in A/Gb mode via the P | Rel6 | GP | No | SCSAGB | | | | | | | | | | | | |
| 907 | 50501 | Creation of a TR | | GP | No | SCSAGB-T | | | | | | | | | | | | |
| 908 | 50502 | Stage 2 | | GP | No | SCSAGB-E | | | | | | | | | | | | |
| 909 | 50503 | Radio Channel Support | | GP | No | SCSAGB-R | | | | | | | | | | | | |
| 910 | 50504 | Definition of radio resource management functionality | | P;G2 | No | SCSAGB-R | | | | | | | | | | | | |
| 911 | 50505 | PS Handover | | GP | No | SCSAGB-P | | | | | | | | | | | | |
| 912 | 50506 | Modifications to FLO | | P;G2 | No | SCSAGB-F | | | | | | | | | | | | |



Project: 3GPP_Work Plan
Date: Wed 19/02/03

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