

3GPP Work Plan – Cover page

Version 2002, March 5th

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 given WI, contact the MCC support of the given WI's responsible WG/TSG (mapping "WG/TSG to MCC support" and MCC e-mail addresses available 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 Alain Sultan 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 January 25th and version March 5th 2002

Inputs have been received from all the WGs of all TSGs (except T3) and from GERAN!

The Work Plan has been restructured so that all the completed features/building blocks now appear at the end of the Plan.

The following lines have been deleted:

- By N1:
IETF: draft-ietf-sip-100rel (Reliability of Provisional Response in SIP) (UID 2523)
- By GERAN:
2439 RLC/MAC protocol support for LCS
- By CN/CN1:
11021 SDP protocols extension to include DSR (resp. CN1)
This was duplicated with 10003 SDP protocols extension to include DSR (resp. CN)
So the second one was deleted.
- By CN4:
1280 SIP SS and relationship to Mg, Mw and Cx WG CN4

This was duplicated with 14000 SIP SS and relationship to Mg, Mw, Cx WG CN4

so the first one has been deleted.

- By SA3:
1595 FIGS Rel5 WG SA3
- 2099 New: UE triggered authentication during connections Rel4
- By T#14:
2517 UICC/USIM Transport Protocol Rel5 WG T3

1566 Enhancements to (U)SIM toolkit secure messaging Rel5 WG T3

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.

| ID | Unique_ID | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
|----|-----------|--|---------|-------------|-----|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1 | 2044 | VERSION 2002 March 5th | Rel | | | | | | | | | | | | | | | | |
| 2 | 1462 | "CTRL + a" to display all the 3GPP fields | | | | | | | | | | | | | | | | | |
| 3 | 2058 | Content of Rel4 frozen. Rel5 and after not frozen. | Rel | | | | | | | | | | | | | | | | |
| 4 | 0 | | Rel | | | | | | | | | | | | | | | | |
| 5 | 96 | | | | | | | | | | | | | | | | | | |
| 6 | 2 | Evolutions of the transport in the UTRAN [in progress] | NA | | | | | | | | | | | | | | | | |
| 7 | 625 | IP transport in the UTRAN | Rel5 | | | | | | | | | | | | | | | | |
| 8 | 2257 | Evolution of transport in UTRAN and GERAN | Rel5 | | | | | | | | | | | | | | | | |
| 9 | 2258 | Addition of transport mechanisms other than ATM for Iu - Identification of | | | | | | | | | | | | | | | | | |
| 10 | 2259 | Addition of transport mechanisms other than ATM for Iu - Specification of | | | | | | | | | | | | | | | | | |
| 11 | 4 | Evolutions of the transport in the CN [in progress] | NA | | | | | | | | | | | | | | | | |
| 12 | 2455 | FS on Usage of SUA | Rel5 | | | | | | | | | | | | | | | | |
| 13 | 2476 | High Speed Downlink Packet Access | Rel5 | | | | | | | | | | | | | | | | |
| 14 | 2477 | Physical Layer | | | | | | | | | | | | | | | | | |
| 15 | 2478 | Layer 2 and 3 aspects | | | | | | | | | | | | | | | | | |
| 16 | 2479 | Iub/Iur protocol aspects | | | | | | | | | | | | | | | | | |
| 17 | 2480 | RF Radio Transmission/ Reception, System Performance R | | | | | | | | | | | | | | | | | |
| 18 | 1216 | Improvements of Radio Interface [in progress] | NA | | | | | | | | | | | | | | | | |
| 19 | 1470 | Improvement of inter-frequency and inter-system measure | Rel5 | | | | | | | | | | | | | | | | |
| 20 | 1471 | Base station classification | Rel5 | | | | | | | | | | | | | | | | |
| 21 | 1476 | FDD Base station classification | | | | | | | | | | | | | | | | | |
| 22 | 1477 | TDD Base station classification | | | | | | | | | | | | | | | | | |
| 23 | 24002 | Base Station Classification for 1.28 Mcps TDD option | | | | | | | | | | | | | | | | | |
| 24 | 1217 | Hybrid ARQ II/III | | | | | | | | | | | | | | | | | |
| 25 | 1218 | Improved usage of downlink resource in FDD for CCTrCHs c | | | | | | | | | | | | | | | | | |
| 26 | 1507 | Terminal Power Saving features | | | | | | | | | | | | | | | | | |
| 27 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | | | | | | | | | | | | | | | | |
| 28 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 29 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel5 | | | | | | | | | | | | | | | | |
| 30 | 1506 | FS on Radio link performance enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 31 | 1221 | FS on USTS | Rel5 | | | | | | | | | | | | | | | | |
| 32 | 1997 | FS on UE antenna efficiency test method performance requi | Rel5 | | | | | | | | | | | | | | | | |
| 33 | 2494 | FS on the re-introduction of the downlink SIR measurement | Rel5 | | | | | | | | | | | | | | | | |
| 34 | 24001 | FS on UTRA WideBand Distribution Systems | Rel5 | | | | | | | | | | | | | | | | |
| 35 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | | | | | | | | | | | | | | | | |
| 36 | 24003 | FS for the viable deployment of UTRA in additional and div | Rel6 | | | | | | | | | | | | | | | | |
| 37 | 21000 | FS on Improvement of inter-frequency and inter-system mea | Rel5 | | | | | | | | | | | | | | | | |
| 38 | 1839 | Conformance Test Spec. improvements in Radio Interface | | | | | | | | | | | | | | | | | |
| 39 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | | | | | | | | | | | | | | | | |
| 40 | 2211 | Testing Hybrid ARQ II/III | Rel5 | | | | | | | | | | | | | | | | |
| 41 | 9 | RAN improvements [in progress] | NA | | | | | | | | | | | | | | | | |
| 42 | 656 | RRM optimization for lur and lub | Rel5 | | | | | | | | | | | | | | | | |
| 43 | 23000 | lur common transport channel efficiency optimisation | | | | | | | | | | | | | | | | | |
| 44 | 23001 | lur neighbouring cell reporting efficiency optimisation | | | | | | | | | | | | | | | | | |
| 45 | 23002 | Introduction of direct transport bearers between SRNC and Node-B | | | | | | | | | | | | | | | | | |
| 46 | 2488 | RL Timing Adjustment | Rel5 | | | | | | | | | | | | | | | | |
| 47 | 2489 | Separation of resource reservation and radio link activation | Rel5 | | | | | | | | | | | | | | | | |
| 48 | 2490 | Improvement of Radio Resource Management across RNS | Rel5 | | | | | | | | | | | | | | | | |
| 49 | 2491 | Re-arrangements of lub transport bearers | Rel5 | | | | | | | | | | | | | | | | |
| 50 | 23003 | SRNS Relocation Procedure Enhancement | Rel5 | | | | | | | | | | | | | | | | |
| 51 | 624 | RAB support enhancement | | | | | | | | | | | | | | | | | |
| 52 | 1680 | Header compression removal/stripping in the RAN | Rel5 | | | | | | | | | | | | | | | | |
| 53 | 1686 | Unequal error protection in PS domain in the RAN | Rel5 | | | | | | | | | | | | | | | | |
| 54 | 21001 | Beamforming requirements for UE | Rel5 | | | | | | | | | | | | | | | | |
| 55 | 20999 | Beamforming Enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 56 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 57 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | | | | | | | | | | | | | | | | |
| 58 | 1912 | Start Testing | | | | | | | | | | | | | | | | | |
| 59 | 2102 | Conformance Test Aspects - RAN Improvements | | | | | | | | | | | | | | | | | |
| 60 | 2222 | Testing Radio access bearer support enhancements | | | | | | | | | | | | | | | | | |
| 61 | 2461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | | | | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | | | | | | | | | | | | | | | | |
| 63 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | | | | | | | | | | | | | | | | |
| 64 | 1633 | Stage 1 | | | | | | | | | | | | | | | | | |
| 65 | 1514 | Stage 2 (Architecture and Main flows) | | | | | | | | | | | | | | | | | |
| 66 | 2233 | SIP Call Control protocol for the IMS | | | | | | | | | | | | | | | | | |
| 67 | 1998 | IMS signalling flows | | | | | | | | | | | | | | | | | |
| 68 | 1278 | IMS stage 3 | | | | | | | | | | | | | | | | | |
| 69 | 2255 | IMS Session Handling; stage 2 | | | | | | | | | | | | | | | | | |
| 70 | 10004 | Main IETF dependencies | | | | | | | | | | | | | | | | | |
| 71 | 2521 | IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol) | | | | | | | | | | | | | | | | | |
| 72 | 2522 | IETF: draft-sip-manyfolks-resource (Without COMET)(Integration | | | | | | | | | | | | | | | | | |
| 73 | 2524 | IETF: draft-ietf-sip-privacy (SIP extensions for caller identity an | | | | | | | | | | | | | | | | | |
| 74 | 2525 | IETF: draft-ietf-sip-call-auth (SIP extensions for media authoriza | | | | | | | | | | | | | | | | | |
| 75 | 11000 | IETF: draft-ietf-sip-events (specific event notification) | | | | | | | | | | | | | | | | | |
| 76 | 11001 | IETF: draft-ietf-sip-refer (refer method) | | | | | | | | | | | | | | | | | |
| 77 | 11002 | IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP servers) | | | | | | | | | | | | | | | | | |
| 78 | 11003 | IETF: draft-ietf-sip-replaces (SIP replaces header) | | | | | | | | | | | | | | | | | |
| 79 | 11004 | IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP and SDP) | | | | | | | | | | | | | | | | | |
| 80 | 11005 | IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SDP) | | | | | | | | | | | | | | | | | |
| 81 | 1290 | Addressing | | | | | | | | | | | | | | | | | |
| 82 | 1291 | Architectural issues | | | | | | | | | | | | | | | | | |
| 83 | 1292 | Impact on HSS | | | | | | | | | | | | | | | | | |
| 84 | 2530 | Service Examples | | | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 85 | 2531 | IMS Framework Report | | | | | | | | | | | | | | | | | |
| 86 | 1298 | Access Security for IMS | Rel5 | | | | | | | | | | | | | | | | |
| 87 | 33000 | SA3 task | | | | | | | | | | | | | | | | | |
| 88 | 43000 | IMS impacts on UICC | | | | | | | | | | | | | | | | | |
| 89 | 11014 | SIP extensions for Integrity protection | | | | | | | | | | | | | | | | | |
| 90 | 2574 | Security Aspects of Requirement for Network Configuration | Rel5 | | | | | | | | | | | | | | | | |
| 91 | 1299 | Lawful interception | TBD | | | | | | | | | | | | | | | | |
| 92 | 0 | (copy) GERAN support of IMS | | | | | | | | | | | | | | | | | |
| 93 | 35007 | Charging and OAM&P for IMS | Rel5 | | | | | | | | | | | | | | | | |
| 94 | 0 | (copy) End-to-end QoS | | | | | | | | | | | | | | | | | |
| 95 | 2048 | Interworking between IMS and IP networks | TBD | | | | | | | | | | | | | | | | |
| 96 | 13004 | Interworking for 3GPP_SIP and IETF_SIP | | | | | | | | | | | | | | | | | |
| 97 | 13005 | Interworking for IPv6 to IPv4 | | | | | | | | | | | | | | | | | |
| 98 | 13006 | IETF draft-wasserman-3gpp-advice | | | | | | | | | | | | | | | | | |
| 99 | 1296 | Impact on MM/CC/SM | | | | | | | | | | | | | | | | | |
| 100 | 2047 | Interworking between IMS and CS networks | TBD | | | | | | | | | | | | | | | | |
| 101 | 13002 | ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking) | | | | | | | | | | | | | | | | | |
| 102 | 13003 | ITU-T dependency on Q.2150.3 (SCTP) | | | | | | | | | | | | | | | | | |
| 103 | 14000 | SIP SS and relationship to Mg, Mw, Cx | TBD | | | | | | | | | | | | | | | | |
| 104 | 2036 | Multimedia codecs and protocols for conversational PS ser | TBD | | | | | | | | | | | | | | | | |
| 105 | 2039 | Codecs | | | | | | | | | | | | | | | | | |
| 106 | 2040 | performance characterisation of codec | | | | | | | | | | | | | | | | | |
| 107 | 34006 | recommendation for QoS parameter values for various media types | | | | | | | | | | | | | | | | | |
| 108 | 32003 | SIP message compression | TBD | | | | | | | | | | | | | | | | |
| 109 | 32004 | Stage 2 | | | | | | | | | | | | | | | | | |
| 110 | 11015 | Compression signalling | | | | | | | | | | | | | | | | | |
| 111 | 32005 | IMS Local services | TBD | | | | | | | | | | | | | | | | |
| 112 | 10001 | Stage 3 description of IMS interfaces | Rel5 | | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 113 | 1286 | Cx interface (HSS to CSCF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 114 | 14001 | MC interface (IM-MGW to MGCF) enhancements | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 115 | 11016 | Mw interface (CSCF to P-CSCF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 116 | 11017 | Mm interface (CSCF to external IP multimedia network) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 117 | 14002 | Mg interface (BGCF to MGCF - interworking with CS) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 118 | 11018 | Mr interface (CSCF to MRF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 119 | 14003 | Dx interface (I-CSCF to SLF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 120 | 13001 | Go interface (GGSN to PCF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 121 | 11019 | ISC (IMS Service Control) Interface | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 122 | 14006 | Sh interface (HSS to AS) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 123 | 11020 | Gm interface (UE to CSCF) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 124 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e. | Rel5 | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 125 | 12000 | Support of CAMEL by the IMS | Rel5 | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | [Progress bar] | | | [Progress bar] | | |
| 126 | 12001 | Stage2 work 'general' | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 127 | 12002 | Stage3 work 'CAP' | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 128 | 12003 | Stage2 work 'Si interface' | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 129 | 12004 | Stage3 work 'Si interface' | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 130 | 14004 | SDM issues for CAMEL control of IMS | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 131 | 31002 | Pre-pay/real-time charging in IMS | TBD | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 132 | 35005 | Charging | Rel5 | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | [Progress bar] | | | [Progress bar] | | |
| 133 | 32006 | Charging Implications of IMS architecture | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 134 | 35006 | Charging management for IMS (off-line & on-line) | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 135 | 10002 | Other IETF dependencies | TBD | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 136 | 11007 | IETF: draft-ietf-sip-session-timer | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 137 | 11008 | IETF: draft-agrawal-sip-h323-interwrkng-reqs | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 138 | 11009 | IETF: draft-ietf-sip-callerprefs | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 139 | 11010 | IETF: draft-ietf-sip-state | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |
| 140 | 11011 | IETF: draft-ietf-aaa-diameter | | [Progress bar] | | | | [Progress bar] | | | [Progress bar] | | | | | | | | |

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| 141 | 11012 | IETF: draft-ietf-sip-isup | | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 142 | 11013 | IETF: draft-ietf-sip-isup-header | | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 143 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | | | | | [Bar] | | | | | | | | | | | |
| 144 | 1913 | Start Testing | Rel5 | | | | | | | | [Bar] | | | | | | | | |
| 145 | 1844 | Conformance Test Aspects - Provisioning of IMS | | | | | | | | | [Bar] | | | [Bar] | | | | | |
| 146 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 147 | 34002 | Stage 1 | | [Bar] | | | | | | | | | | | | | | | |
| 148 | 34003 | Stage 2 (version Rel5 of TS 26.234) | | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 149 | 1652 | Emergency call enhancements [in progress] | NA | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 150 | 1653 | For IP & PS based calls | Rel6 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 151 | 1314 | Service Requirements for IP-based emergency calls | | [Bar] | | | | | | | | | | | | | | | |
| 152 | 1315 | SIP emergency calls and packet emergency calls signalling flows | | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 153 | 1316 | Stage 2 for emergency calls and packet emergency calls in general | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 154 | 1317 | Distinction of emergency call types to different emergency services | | [Bar] | | | | [Bar] | | | | | | [Bar] | | | | | |
| 155 | 1646 | Stage 3 for emergency calls and packet emergency calls in general | | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 156 | 2224 | Conformance Test Aspects - Emergency call enhancements | | [Bar] | | | | | | | | | | | | | | | |
| 157 | 2225 | Testing Stage 3 for emergency calls and packet emergency calls in gene | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 158 | 1517 | Global Text Telephony | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 159 | 1634 | Stage 1 | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 160 | 1519 | Stage 2 | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 161 | 2234 | Specification of Cellular Text telephone Modem | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 162 | 2238 | General description and C-code | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 163 | 2237 | Minimum Performance requirements | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 164 | 1915 | Start Testing | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 165 | 1852 | Conformance Test Aspects - Global Text telephony | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 166 | 1637 | OSA enhancements [in progress] | NA | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 167 | 1424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 168 | 1425 | Stage 1 | | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |

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| 169 | 1529 | Stages 2 and 3 | | | | | | | | | | | | | | | | | |
| 170 | 1429 | OSA APIs for Multimedia CC | Rel5 | | | | | | | | | | | | | | | | |
| 171 | 1430 | Stage 1 | | | | | | | | | | | | | | | | | |
| 172 | 1530 | Stages 2 and 3 | | | | | | | | | | | | | | | | | |
| 173 | 1419 | OSA security | Rel5 | | | | | | | | | | | | | | | | |
| 174 | 2121 | Stage 1 | | | | | | | | | | | | | | | | | |
| 175 | 1421 | Stage 3 | | | | | | | | | | | | | | | | | |
| 176 | 1422 | security related SCF(s) definition | | | | | | | | | | | | | | | | | |
| 177 | 1423 | (possibly) changes required from supporting platforms, e.g. gsmSCF, HLF | | | | | | | | | | | | | | | | | |
| 178 | 1621 | impact on terminal | | | | | | | | | | | | | | | | | |
| 179 | 1433 | Retrieval of Terminal capabilities | Rel5 | | | | | | | | | | | | | | | | |
| 180 | 1434 | Stage 1 | | | | | | | | | | | | | | | | | |
| 181 | 1436 | Stages 2 and 3 | | | | | | | | | | | | | | | | | |
| 182 | 2122 | Provisioning of the terminal capabilities | | | | | | | | | | | | | | | | | |
| 183 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | | | | | | | | | | | | | | | | |
| 184 | 1787 | Stage 1 | | | | | | | | | | | | | | | | | |
| 185 | 2124 | Stage 2 | | | | | | | | | | | | | | | | | |
| 186 | 1788 | Stage 3 | | | | | | | | | | | | | | | | | |
| 187 | 2538 | Interaction with Rel-5 features | Rel5 | | | | | | | | | | | | | | | | |
| 188 | 2539 | Access to Presence information | | | | | | | | | | | | | | | | | |
| 189 | 2540 | Access to User Profile | | | | | | | | | | | | | | | | | |
| 190 | 2541 | Policy Management | | | | | | | | | | | | | | | | | |
| 191 | 2519 | OSA Stage 3 | Rel5 | | | | | | | | | | | | | | | | |
| 192 | 15000 | OSA evolution - Stages 2 and 3 | Rel5 | | | | | | | | | | | | | | | | |
| 193 | 15001 | Framework | Rel5 | | | | | | | | | | | | | | | | |
| 194 | 15002 | (Multimedia) Call Control | Rel5 | | | | | | | | | | | | | | | | |
| 195 | 15003 | Generic user interaction | Rel5 | | | | | | | | | | | | | | | | |
| 196 | 15004 | Charging | Rel5 | | | | | | | | | | | | | | | | |

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| 197 | 15005 | Policy Management | Rel5 | | | | | | | | | | | | | | | | |
| 198 | 15006 | Presence and Availability Management (PAM) | Rel5 | | | | | | | | | | | | | | | | |
| 199 | 15007 | Call Control Service Mapping; Multiparty Call Control SIP | Rel5 | | | | | | | | | | | | | | | | |
| 200 | 15008 | Journaling | Rel5 | | | | | | | | | | | | | | | | |
| 201 | 15009 | Retrieval of Network Capabilities | Rel5 | | | | | | | | | | | | | | | | |
| 202 | 32010 | General Stage 2 for Rel5 | | | | | | | | | | | | | | | | | |
| 203 | 1638 | CAMEL phase 4 | Rel5 | | | | | | | | | | | | | | | | |
| 204 | 1461 | Service requirements | | | | | | | | | | | | | | | | | |
| 205 | 2011 | Charging notification to the CSE | | | | | | | | | | | | | | | | | |
| 206 | 2012 | Call Party Handling | | | | | | | | | | | | | | | | | |
| 207 | 2013 | Mid call procedure for MO and MT calls | | | | | | | | | | | | | | | | | |
| 208 | 2014 | Interactions with Optimal Routing | | | | | | | | | | | | | | | | | |
| 209 | 2015 | Inclusion of flexible tone injection | | | | | | | | | | | | | | | | | |
| 210 | 2016 | CSE control over MT SMS | | | | | | | | | | | | | | | | | |
| 211 | 2460 | Notification of GPRS mobility management to CSE | | | | | | | | | | | | | | | | | |
| 212 | 2459 | Enhancement of dialled services | | | | | | | | | | | | | | | | | |
| 213 | 2458 | Provision of location information of called subscriber | | | | | | | | | | | | | | | | | |
| 214 | 2514 | Inclusion of ODB data in the CSE_HLR interface | | | | | | | | | | | | | | | | | |
| 215 | 2515 | Location information during an ongoing call (Handover DP) | | | | | | | | | | | | | | | | | |
| 216 | 2516 | GPRS Any Time Interrogation | | | | | | | | | | | | | | | | | |
| 217 | 2464 | Rel-5 MExE enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 218 | 2465 | MExE Rel-5 Security Analysis | | | | | | | | | | | | | | | | | |
| 219 | 2466 | MExE Rel-5 Improvements and Investigations | | | | | | | | | | | | | | | | | |
| 220 | 1625 | Wideband Telephony Service - AMR | Rel5 | | | | | | | | | | | | | | | | |
| 221 | 62 | Specification | | | | | | | | | | | | | | | | | |
| 222 | 31005 | Stage 1 | | | | | | | | | | | | | | | | | |
| 223 | 32007 | Stage 2 | | | | | | | | | | | | | | | | | |
| 224 | 1459 | Design Constraints | | | | | | | | | | | | | | | | | |

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| 225 | 1460 | General Description | | | | | | | | | | | | | | | | | |
| 226 | 1626 | Feasibility Study | | | | | | | | | | | | | | | | | |
| 227 | 67 | Codec issues | | | | | | | | | | | | | | | | | |
| 228 | 1627 | Codec qualification | | | | | | | | | | | | | | | | | |
| 229 | 74 | Codec selection tests | | | | | | | | | | | | | | | | | |
| 230 | 891 | Codec selection | | | | | | | | | | | | | | | | | |
| 231 | 34007 | TFO AMR-WB | | | | | | | | | | | | | | | | | |
| 232 | 890 | Other codec issues (verif., characterisation) | | | | | | | | | | | | | | | | | |
| 233 | 34008 | AMR-WB and narrowband interworking | | | | | | | | | | | | | | | | | |
| 234 | 34009 | Interworking with fixed broadband networks | | | | | | | | | | | | | | | | | |
| 235 | 34010 | Tones and announcements | | | | | | | | | | | | | | | | | |
| 236 | 34011 | WB Conferencing and WB Voice Group calls | | | | | | | | | | | | | | | | | |
| 237 | 34012 | Billing, accounting and call detail record aspects | | | | | | | | | | | | | | | | | |
| 238 | 34013 | Legal interception | | | | | | | | | | | | | | | | | |
| 239 | 14999 | Introduction of AMR-WB speech service | | | | | | | | | | | | | | | | | |
| 240 | 1989 | Start Testing | | | | | | | | | | | | | | | | | |
| 241 | 1855 | Conformance tests (CRs to 34 series) | | | | | | | | | | | | | | | | | |
| 242 | 76 | Terminal Acoustic Characteristics | | | | | | | | | | | | | | | | | |
| 243 | 1628 | Definition | | | | | | | | | | | | | | | | | |
| 244 | 1629 | Test specification | | | | | | | | | | | | | | | | | |
| 245 | 34004 | Floating-point ANSI-C code for the AMR-WB speech codec | | | | | | | | | | | | | | | | | |
| 246 | 889 | Implementation | | | | | | | | | | | | | | | | | |
| 247 | 893 | In UTRAN | | | | | | | | | | | | | | | | | |
| 248 | 34014 | Codec selection and GSM-UTRAN interworking | | | | | | | | | | | | | | | | | |
| 249 | 34015 | Radio Access Bearer optimisation | | | | | | | | | | | | | | | | | |
| 250 | 34016 | Radio Access Bearer renegotiation (impact at least on 23.018) | | | | | | | | | | | | | | | | | |
| 251 | 80 | Support of AMR-WB in GERAN | | | | | | | | | | | | | | | | | |
| 252 | 2265 | GMSK and 8PSK WB FR / HR support - Channel coding in 45.003 | | | | | | | | | | | | | | | | | |

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| 253 | 2266 | GMSK and 8PSK WB FR / HR support - Signalling for the A interface | | | | | | | | | | | | | | | | | |
| 254 | 2267 | GMSK and 8PSK WB FR / HR support - Signalling for lu | | | | | | | | | | | | | | | | | |
| 255 | 2268 | Receiver performance in TS 45.005 | | | | | | | | | | | | | | | | | |
| 256 | 50000 | Adaptation of subscriber data in HLR/VLR | | | | | | | | | | | | | | | | | |
| 257 | 2269 | GERAN MS conformance test for AMR-WB | | | | | | | | | | | | | | | | | |
| 258 | 2270 | MS test | | | | | | | | | | | | | | | | | |
| 259 | 2271 | GERAN BTS conformance test for AMR-WB | | | | | | | | | | | | | | | | | |
| 260 | 2272 | BTS test | | | | | | | | | | | | | | | | | |
| 261 | 1656 | N1 Aspects | | | | | | | | | | | | | | | | | |
| 262 | 14005 | N4 work | | | | | | | | | | | | | | | | | |
| 263 | 1826 | Terminal interfaces [in progress] | NA | | | | | | | | | | | | | | | | |
| 264 | 2573 | Terminal local model enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 265 | 1536 | Location Services enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 266 | 1600 | UE positioning [in progress] | NA | | | | | | | | | | | | | | | | |
| 267 | 2457 | UE positioning enhancements - other methods | | | | | | | | | | | | | | | | | |
| 268 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | | | | | | | | | | | | | | | | |
| 269 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel'4 p | Rel5 | | | | | | | | | | | | | | | | |
| 270 | 2127 | Stage 2 | | | | | | | | | | | | | | | | | |
| 271 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Position | Rel5 | | | | | | | | | | | | | | | | |
| 272 | 1171 | Event based and Periodic LCS | Rel5 | | | | | | | | | | | | | | | | |
| 273 | 1641 | Stage 1 | | | | | | | | | | | | | | | | | |
| 274 | 1538 | Stage 2 specification | | | | | | | | | | | | | | | | | |
| 275 | 1179 | Impact on MAP | | | | | | | | | | | | | | | | | |
| 276 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | | | | | | | | | | | | | | | | |
| 277 | 2437 | GERAN LCS Stage 2 (first release) | | | | | | | | | | | | | | | | | |
| 278 | 2438 | Gb interface support for LCS | | | | | | | | | | | | | | | | | |
| 279 | 2440 | L3 protocol support for LCS | | | | | | | | | | | | | | | | | |
| 280 | 2441 | Stage 3 specifications | | | | | | | | | | | | | | | | | |

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| 281 | 2442 | Location Services for GERAN in lu Mode | Rel5 | | | | | | | | | | | | | | | | | | | |
| 282 | 2443 | GERAN LCS Stage 2 | | | | | | | | | | | | | | | | | | | | |
| 283 | 2444 | lu-ps interface support for LCS | | | | | | | | | | | | | | | | | | | | |
| 284 | 2445 | lu-cs interface support for LCS | | | | | | | | | | | | | | | | | | | | |
| 285 | 2446 | lur-g interface support for LCS | | | | | | | | | | | | | | | | | | | | |
| 286 | 2447 | RRC protocol support for LCS | | | | | | | | | | | | | | | | | | | | |
| 287 | 2448 | Additional impacts on Broadcast of LCS data on packet channels | | | | | | | | | | | | | | | | | | | | |
| 288 | 2449 | Stage 3 specifications | | | | | | | | | | | | | | | | | | | | |
| 289 | 32001 | Enhanced support for user privacy and subscriber data han | Rel5 | | | | | | | | | | | | | | | | | | | |
| 290 | 544 | LCS interoperation stage 2 aspects | | | | | | | | | | | | | | | | | | | | |
| 291 | 2434 | LCS interoperability aspects to GERAN | | | | | | | | | | | | | | | | | | | | |
| 292 | 2435 | Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and C | | | | | | | | | | | | | | | | | | | | |
| 293 | 2450 | GERAN MS Conformance test for LCS | | | | | | | | | | | | | | | | | | | | |
| 294 | 2451 | MS test | | | | | | | | | | | | | | | | | | | | |
| 295 | 2452 | GERAN BTS Conformance test for LCS | | | | | | | | | | | | | | | | | | | | |
| 296 | 2453 | BTS test | | | | | | | | | | | | | | | | | | | | |
| 297 | 52003 | Uplink TDOA feasibility study | | | | | | | | | | | | | | | | | | | | |
| 298 | 1183 | FS on LCS support in the IMS | | | | | | | | | | | | | | | | | | | | |
| 299 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | | | | | | | | | | | | | | | | | | | |
| 300 | 521 | New security aspects of LCS (not identified) | Rel5 | | | | | | | | | | | | | | | | | | | |
| 301 | 32011 | Specification for the Le Interface | Rel5 | | | | | | | | | | | | | | | | | | | |
| 302 | 32012 | Support of the Presence Service Architecture | Rel5 | | | | | | | | | | | | | | | | | | | |
| 303 | 1800 | (U)SIM toolkit enhancements [in progress] | NA | | | | | | | | | | | | | | | | | | | |
| 304 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | | | | | | | | | | | | | | | | | | | |
| 305 | 2497 | Stage 1 | | | | | | | | | | | | | | | | | | | | |
| 306 | 2496 | Stage 2 and 3 | | | | | | | | | | | | | | | | | | | | |
| 307 | 2518 | Test specification | | | | | | | | | | | | | | | | | | | | |
| 308 | 1802 | UICC API | NA | | | | | | | | | | | | | | | | | | | |

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| 309 | 2031 | C SIM API | Rel5 | | | | | | | | | | | | | | | | |
| 310 | 2032 | Specification | | | | | | | | | | | | | | | | | |
| 311 | 2033 | Test specification | | | | | | | | | | | | | | | | | |
| 312 | 1571 | Security enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 313 | 1583 | MAP application layer security | Rel4 | | | | | | | | | | | | | | | | |
| 314 | 1584 | Main aspects | | | | | | | | | | | | | | | | | |
| 315 | 2025 | Other stage 3 aspects | | | | | | | | | | | | | | | | | |
| 316 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | | | | | | | | | | | | | | | | |
| 317 | 1576 | Network domain security | Rel5 | | | | | | | | | | | | | | | | |
| 318 | 1577 | Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provide | | | | | | | | | | | | | | | | | |
| 319 | 1578 | Main aspects | | | | | | | | | | | | | | | | | |
| 320 | 1579 | Integration of GTP signalling security architecture | | | | | | | | | | | | | | | | | |
| 321 | 1580 | User plane protection in core network (e.g., provided by IPsec) | | | | | | | | | | | | | | | | | |
| 322 | 1581 | Main aspects | | | | | | | | | | | | | | | | | |
| 323 | 1582 | Integration of GTP signalling security architecture | | | | | | | | | | | | | | | | | |
| 324 | 2576 | IP network layer security (NDS/IP) | | | | | | | | | | | | | | | | | |
| 325 | 2026 | Enhanced HE control of security (including positive authent | Rel6 | | | | | | | | | | | | | | | | |
| 326 | 2027 | Stage 2 | | | | | | | | | | | | | | | | | |
| 327 | 2028 | FS on Network impacts | | | | | | | | | | | | | | | | | |
| 328 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | | | | | | | | | | | | | | | | |
| 329 | 1862 | Optimisation of Test Time, RF Aspects (FDD) | el Indep | | | | | | | | | | | | | | | | |
| 330 | 1863 | Optimisation of Test Time, RF Aspects (TDD) | el Indep | | | | | | | | | | | | | | | | |
| 331 | 1907 | Extensions to R99 Test cases | | | | | | | | | | | | | | | | | |
| 332 | 2564 | Extension to R99 Test cases - TTCN | | | | | | | | | | | | | | | | | |
| 333 | 2565 | Creation of R99 TCs for TDD - prose | | | | | | | | | | | | | | | | | |
| 334 | 2566 | Creation of R99 TCs for TDD - TTCN | | | | | | | | | | | | | | | | | |
| 335 | 1908 | Review all other work items for impact on new or exiting 34 | | | | | | | | | | | | | | | | | |
| 336 | 1365 | Support of Push Services | Rel6 | | | | | | | | | | | | | | | | |

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| 337 | 31004 | Stage 1 | | | | | | | | | | | | | | | | | | | |
| 338 | 32000 | TR on feasibility study | | | | | | | | | | | | | | | | | | | |
| 339 | 1142 | Charging and OAM&P [in progress] | NA | | | | | | | | | | | | | | | | | | |
| 340 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | | | | | | | | | | | | | | | | | | |
| 341 | 35003 | Rel5 Performance Management | Rel5 | | | | | | | | | | | | | | | | | | |
| 342 | 35004 | Rel5 Charging Management | Rel5 | | | | | | | | | | | | | | | | | | |
| 343 | 35001 | Network Infrastructure Management | Rel5 | | | | | | | | | | | | | | | | | | |
| 344 | 2062 | Subscription Management | Rel5 | | | | | | | | | | | | | | | | | | |
| 345 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN N | Rel5 | | | | | | | | | | | | | | | | | | |
| 346 | 2244 | Overall System Architecture | | | | | | | | | | | | | | | | | | | |
| 347 | 20000 | Stage 3: RAN node selecting CN node | | | | | | | | | | | | | | | | | | | |
| 348 | 2246 | GERAN work | | | | | | | | | | | | | | | | | | | |
| 349 | 52001 | Stage 2 | | | | | | | | | | | | | | | | | | | |
| 350 | 52002 | Stage 3 | | | | | | | | | | | | | | | | | | | |
| 351 | 2248 | N1 work | | | | | | | | | | | | | | | | | | | |
| 352 | 2249 | N4 work | | | | | | | | | | | | | | | | | | | |
| 353 | 2320 | GERAN improvements 3 (new transport layer on interface | Rel5 | | | | | | | | | | | | | | | | | | |
| 354 | 2321 | Evolution of the transport for A | | | | | | | | | | | | | | | | | | | |
| 355 | 2322 | Definition of a new A/Ater interface Transport Layer option based on the | | | | | | | | | | | | | | | | | | | |
| 356 | 2323 | Adaptation of the Layer 3 BSSMAP procedures as required | | | | | | | | | | | | | | | | | | | |
| 357 | 2330 | GERAN support for IMS | TBD | | | | | | | | | | | | | | | | | | |
| 358 | 2331 | GERAN Header adaptation | | | | | | | | | | | | | | | | | | | |
| 359 | 2332 | Definition of compression and removal modes for PDCP protocol | | | | | | | | | | | | | | | | | | | |
| 360 | 2333 | Conceptual description in stage 2 | | | | | | | | | | | | | | | | | | | |
| 361 | 2334 | Necessary changes on stage 3 regarding header removal | | | | | | | | | | | | | | | | | | | |
| 362 | 2335 | GERAN Radio access bearer design for IMS | | | | | | | | | | | | | | | | | | | |
| 363 | 2422 | MuM control signalling for conversational multimedia services | | | | | | | | | | | | | | | | | | | |
| 364 | 2431 | Identification of requirements | | | | | | | | | | | | | | | | | | | |

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| 365 | 2337 | Necessary modifications due to SIP | | | | | | | | | | | | | | | | | |
| 366 | 2338 | Physical layer multiplexing | | | | | | | | | | | | | | | | | |
| 367 | 2339 | Stage 2 | | | | | | | | | | | | | | | | | |
| 368 | 2432 | Stage 3 | | | | | | | | | | | | | | | | | |
| 369 | 2341 | GERAN MS Conformance test for support of IMS | | | | | | | | | | | | | | | | | |
| 370 | 2342 | MS test | | | | | | | | | | | | | | | | | |
| 371 | 2343 | GERAN BTS Conformance test for support of IMS | | | | | | | | | | | | | | | | | |
| 372 | 2344 | BTS test | | | | | | | | | | | | | | | | | |
| 373 | 2345 | Alignment of 3G functional split and lu | TBD | | | | | | | | | | | | | | | | |
| 374 | 2346 | GERAN user / control plane | | | | | | | | | | | | | | | | | |
| 375 | 2347 | Alignment with UMTS bearer concept | | | | | | | | | | | | | | | | | |
| 376 | 50300 | Enhanced power control | | | | | | | | | | | | | | | | | |
| 377 | 2423 | Stage 2 | | | | | | | | | | | | | | | | | |
| 378 | 2348 | Adoption of the UTRAN PDCP | | | | | | | | | | | | | | | | | |
| 379 | 2349 | Development of RLC / MAC | | | | | | | | | | | | | | | | | |
| 380 | 2350 | Development of GERAN RRC | | | | | | | | | | | | | | | | | |
| 381 | 2351 | Ciphering and integrity protection Concept paper | | | | | | | | | | | | | | | | | |
| 382 | 50302 | Multiple TBF or equivalent Concept paper | | | | | | | | | | | | | | | | | |
| 383 | 50303 | Paging concept | | | | | | | | | | | | | | | | | |
| 384 | 2352 | Dedicated physical subchannels. Includes traffic and control channe | | | | | | | | | | | | | | | | | |
| 385 | 2353 | lu support and broadcast concept | | | | | | | | | | | | | | | | | |
| 386 | 2354 | Impact of using RLC instead of LAPDm concept | | | | | | | | | | | | | | | | | |
| 387 | 2355 | Contention resolution, mobile station identity, and access concept | | | | | | | | | | | | | | | | | |
| 388 | 50304 | PDCP concept | | | | | | | | | | | | | | | | | |
| 389 | 50305 | Downlink delayedTBF release | | | | | | | | | | | | | | | | | |
| 390 | 50306 | Add transparent RLC Concept | | | | | | | | | | | | | | | | | |
| 391 | 50307 | Handover concept | | | | | | | | | | | | | | | | | |
| 392 | 2424 | Physical layer alignment with UMTS bearer concept | | | | | | | | | | | | | | | | | |

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| 393 | 2356 | PDTCH/TCH in 45.003 | | | | | | | | | | | | | | | | | |
| 394 | 2357 | Control channels in 45.003 | | | | | | | | | | | | | | | | | |
| 395 | 2358 | Receiver performance in 45.005 for PDTCH/TCH and control channels | | | | | | | | | | | | | | | | | |
| 396 | 2359 | lu rg interface | | | | | | | | | | | | | | | | | |
| 397 | 2425 | Inter BSS interface | | | | | | | | | | | | | | | | | |
| 398 | 2360 | Identification of requirements | | | | | | | | | | | | | | | | | |
| 399 | 2361 | Stage 2 | | | | | | | | | | | | | | | | | |
| 400 | 2362 | Adoption of relevant parts from lur | | | | | | | | | | | | | | | | | |
| 401 | 2363 | Complementation with GERAN specifics | | | | | | | | | | | | | | | | | |
| 402 | 2364 | New stage 3 | | | | | | | | | | | | | | | | | |
| 403 | 2426 | Inter BSS-RNS interface | | | | | | | | | | | | | | | | | |
| 404 | 2365 | Identification of requirements | | | | | | | | | | | | | | | | | |
| 405 | 2366 | Stage 2 | | | | | | | | | | | | | | | | | |
| 406 | 2367 | Adoption of relevant parts from lur | | | | | | | | | | | | | | | | | |
| 407 | 2368 | Complementation with GERAN specifics | | | | | | | | | | | | | | | | | |
| 408 | 2369 | New stage 3 | | | | | | | | | | | | | | | | | |
| 409 | 2370 | Voice over GERAN PS and CS concept | | | | | | | | | | | | | | | | | |
| 410 | 2371 | Architecture for A, lu cs and lu ps | | | | | | | | | | | | | | | | | |
| 411 | 2372 | Transcoder position/operation | | | | | | | | | | | | | | | | | |
| 412 | 2373 | Handover | | | | | | | | | | | | | | | | | |
| 413 | 2374 | RTP payload | | | | | | | | | | | | | | | | | |
| 414 | 2375 | Codec renegotiation concept | | | | | | | | | | | | | | | | | |
| 415 | 2376 | LA | | | | | | | | | | | | | | | | | |
| 416 | 2377 | GERAN Narrowband speech realization | | | | | | | | | | | | | | | | | |
| 417 | 2427 | 8-PSK NB HR | | | | | | | | | | | | | | | | | |
| 418 | 2378 | Channel coding in 45.003 | | | | | | | | | | | | | | | | | |
| 419 | 2379 | Signalling for A interface | | | | | | | | | | | | | | | | | |
| 420 | 2380 | Signalling for lu | | | | | | | | | | | | | | | | | |

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| 421 | 2381 | Link adaptation in 45.009 | | | | | | | | | | | | | | | | | |
| 422 | 2382 | Receiver performance in 45.005 | | | | | | | | | | | | | | | | | |
| 423 | 2428 | 8-PSK NB QR | | | | | | | | | | | | | | | | | |
| 424 | 2383 | Channel coding in 45.003 | | | | | | | | | | | | | | | | | |
| 425 | 2384 | Signalling for A interface | | | | | | | | | | | | | | | | | |
| 426 | 2385 | Signalling for lu | | | | | | | | | | | | | | | | | |
| 427 | 2386 | Link adaptation in 45.009 | | | | | | | | | | | | | | | | | |
| 428 | 2387 | Receiver performance in 45.005 | | | | | | | | | | | | | | | | | |
| 429 | 2388 | GERAN MS Conformance test for GERAN interface evolution | | | | | | | | | | | | | | | | | |
| 430 | 2389 | MS test | | | | | | | | | | | | | | | | | |
| 431 | 2390 | GERAN MS Conformance test for GERAN interface evolution | | | | | | | | | | | | | | | | | |
| 432 | 2391 | BSS test | | | | | | | | | | | | | | | | | |
| 433 | 2392 | GERAN enhancements for streaming services 1 | Rel5 | | | | | | | | | | | | | | | | |
| 434 | 2393 | GERAN enhancements for streaming services 1 | | | | | | | | | | | | | | | | | |
| 435 | 2394 | Concept | | | | | | | | | | | | | | | | | |
| 436 | 2395 | RLC protocol enhancement (SDU Discard) | | | | | | | | | | | | | | | | | |
| 437 | 2396 | GERAN enhancements for streaming services 2 | Rel5 | | | | | | | | | | | | | | | | |
| 438 | 2397 | GERAN enhancements for streaming services 2 | | | | | | | | | | | | | | | | | |
| 439 | 2398 | Usage of ECSD Concept | | | | | | | | | | | | | | | | | |
| 440 | 2399 | Stage 2 | | | | | | | | | | | | | | | | | |
| 441 | 2400 | Stage 3 | | | | | | | | | | | | | | | | | |
| 442 | 2401 | RLC PDU formats | | | | | | | | | | | | | | | | | |
| 443 | 2402 | MAC header | | | | | | | | | | | | | | | | | |
| 444 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu ps) | Rel5 | | | | | | | | | | | | | | | | |
| 445 | 2413 | Evolution of lu ps | | | | | | | | | | | | | | | | | |
| 446 | 2414 | Identification of GERAN requirements on lu ps | | | | | | | | | | | | | | | | | |
| 447 | 2415 | Update of specifications | | | | | | | | | | | | | | | | | |
| 448 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | | | | | | | | | | | | | | | | |

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| 449 | 2417 | Evolution of lu cs | | | | | | | | | | | | | | | | | |
| 450 | 2418 | Identification of GERAN requirements on lu cs | | | | | | | | | | | | | | | | | |
| 451 | 2419 | Update of specifications | | | | | | | | | | | | | | | | | |
| 452 | 2499 | Support of Presence Capability | Rel6 | | | | | | | | | | | | | | | | |
| 453 | 2501 | Stage 1 | | | | | | | | | | | | | | | | | |
| 454 | 2502 | Stage 2 | | | | | | | | | | | | | | | | | |
| 455 | 2503 | Stage 3 | | | | | | | | | | | | | | | | | |
| 456 | 2504 | Security issues | | | | | | | | | | | | | | | | | |
| 457 | 2505 | USIM issues | | | | | | | | | | | | | | | | | |
| 458 | 2506 | UE issues | | | | | | | | | | | | | | | | | |
| 459 | 2507 | Display of Service Provider name on UE | Rel5 | | | | | | | | | | | | | | | | |
| 460 | 2508 | Stage 1 | | | | | | | | | | | | | | | | | |
| 461 | 2510 | Stage 3 | | | | | | | | | | | | | | | | | |
| 462 | 2511 | Security issues | | | | | | | | | | | | | | | | | |
| 463 | 2512 | USIM issues | | | | | | | | | | | | | | | | | |
| 464 | 2520 | User Equipment Management | Rel5 | | | | | | | | | | | | | | | | |
| 465 | 35000 | FS on User Equipment (UE) Management | Rel5 | | | | | | | | | | | | | | | | |
| 466 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | | | | | | | | | | | | | | | | |
| 467 | 32014 | Stage 2 | | | | | | | | | | | | | | | | | |
| 468 | 2528 | Stage 3 work for CN1 | | | | | | | | | | | | | | | | | |
| 469 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | | | | | | | | | | | | | | | | |
| 470 | 2557 | E2E QoS Concept and Architecture | | | | | | | | | | | | | | | | | |
| 471 | 2558 | E2E QoS interworking | | | | | | | | | | | | | | | | | |
| 472 | 13007 | IETF draft-ietf-diffserv-pib | | | | | | | | | | | | | | | | | |
| 473 | 13008 | IETF draft-hamer-rap-cops-umts-go | | | | | | | | | | | | | | | | | |
| 474 | 13009 | IETF draft-rap-frameworkpib-07 | | | | | | | | | | | | | | | | | |
| 475 | 13010 | IETF draft-draft-nitsan-cops-rsvp-proxy | | | | | | | | | | | | | | | | | |
| 476 | 2559 | QoS Management (Provisioning and Monitoring) | | | | | | | | | | | | | | | | | |

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| 477 | 2569 | Messaging enhancements Rel-5 | Rel5 | | | | | | | | | | | | | | | | |
| 478 | 2571 | Multimedia Messaging (MMS) enhancements | | | | | | | | | | | | | | | | | |
| 479 | 31000 | Definition of service requirements | Rel5 | | | | | | | | | | | | | | | | |
| 480 | 42000 | Technical realization | | | | | | | | | | | | | | | | | |
| 481 | 34018 | MMS formats and codecs | | | | | | | | | | | | | | | | | |
| 482 | 2572 | Enhanced Messaging Service (EMS) enhancements | | | | | | | | | | | | | | | | | |
| 483 | 31001 | Definition of service requirements | | | | | | | | | | | | | | | | | |
| 484 | 42001 | Technical realization | | | | | | | | | | | | | | | | | |
| 485 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | | | | | | | | | | | | | | | | |
| 486 | 14501 | Modification of core network protocols for GERAN Inter BSC | | | | | | | | | | | | | | | | | |
| 487 | 32502 | Stage 2 - Concept | | | | | | | | | | | | | | | | | |
| 488 | 14502 | Stage 2 - 23.060 change - Definition of Inter BSC NACC | | | | | | | | | | | | | | | | | |
| 489 | 14503 | Stage 3 (changes to TS 29.060) | | | | | | | | | | | | | | | | | |
| 490 | 50002 | Modification of Gb protocols for GERAN Inter BSC NACC ov | | | | | | | | | | | | | | | | | |
| 491 | 50003 | Stage 3 (changes to TS 48.018) | | | | | | | | | | | | | | | | | |
| 492 | 50033 | Enhanced Power Control | Rel5 | | | | | | | | | | | | | | | | |
| 493 | 50034 | Realization of Enhanced power control and signaling supp | | | | | | | | | | | | | | | | | |
| 494 | 50035 | GERAN MS Conformance test for Enhanced Power Control | | | | | | | | | | | | | | | | | |
| 495 | 50036 | GERAN BTS Conformance test for Enhanced Power Control | | | | | | | | | | | | | | | | | |
| 496 | 50037 | 8PSK AMR HR | Rel5 | | | | | | | | | | | | | | | | |
| 497 | 50038 | Definition of channel coding, performance requirements an | | | | | | | | | | | | | | | | | |
| 498 | 50039 | GERAN MS Conformance test for 8PSK HR | | | | | | | | | | | | | | | | | |
| 499 | 50040 | GERAN BTS Conformance test for 8PSK HR | | | | | | | | | | | | | | | | | |
| 500 | 50041 | Uplink TDOA feasibility study | Rel5 | | | | | | | | | | | | | | | | |
| 501 | 50042 | Performing a feasibility study | | | | | | | | | | | | | | | | | |
| 502 | 13000 | Service Change and UDI Fallback | Rel5 | | | | | | | | | | | | | | | | |
| 503 | 35009 | Trace Management | Rel5 | | | | | | | | | | | | | | | | |
| 504 | 30001 | small Technical Enhancements and Improvements for R | Rel5 | | | | | | | | | | | | | | | | |

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| 505 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | | | | | | | | | | | | | | | | |
| 506 | 2545 | Stage 1 | | | | | | | | | | | | | | | | | |
| 507 | 32002 | Stage 2 | | | | | | | | | | | | | | | | | |
| 508 | 2481 | Enhancement of Broadcast and Introduction of Multicast Ca | | | | | | | | | | | | | | | | | |
| 509 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | | | | | | | | | | | | | | | | |
| 510 | 31007 | Speech Enabled Services Based on Distributed Speech Rec | | | | | | | | | | | | | | | | | |
| 511 | 32999 | Stage 2 of DSR | | | | | | | | | | | | | | | | | |
| 512 | 11021 | SDP protocols extension to include DSR | | | | | | | | | | | | | | | | | |
| 513 | 31008 | Generic User Profile | Rel6 | | | | | | | | | | | | | | | | |
| 514 | 31009 | Stage 1 - Requirements | | | | | | | | | | | | | | | | | |
| 515 | 42002 | Stage 2 - Data description framework | | | | | | | | | | | | | | | | | |
| 516 | 32008 | Stage 2 - Architecture | | | | | | | | | | | | | | | | | |
| 517 | 42003 | Stage 3 - Common objects | | | | | | | | | | | | | | | | | |
| 518 | 31010 | Digital Rights Management | Rel6 | | | | | | | | | | | | | | | | |
| 519 | 31011 | Requirements | | | | | | | | | | | | | | | | | |
| 520 | 32009 | Architecture | | | | | | | | | | | | | | | | | |
| 521 | 33001 | Security | | | | | | | | | | | | | | | | | |
| 522 | 34017 | Codec Aspects | | | | | | | | | | | | | | | | | |
| 523 | 42004 | Terminal Aspects | | | | | | | | | | | | | | | | | |
| 524 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | | | | | | | | | | | | | | | | |
| 525 | 31020 | Technical Report | | | | | | | | | | | | | | | | | |
| 526 | 31015 | Priority Service | Rel6 | | | | | | | | | | | | | | | | |
| 527 | 31016 | Feasibility Study | | | | | | | | | | | | | | | | | |
| 528 | 31017 | Stage 1 - Requirements | | | | | | | | | | | | | | | | | |
| 529 | 31018 | Network Sharing | Rel6 | | | | | | | | | | | | | | | | |
| 530 | 31019 | Technical Report | | | | | | | | | | | | | | | | | |
| 531 | 30000 | FS on Priority Service | Rel6 | | | | | | | | | | | | | | | | |
| 532 | 31013 | UE Functionality Split | Rel6 | | | | | | | | | | | | | | | | |

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| 533 | 31021 | Technical Report | Rel5 | | | | | | | | | | | | | | | | |
| 534 | 32013 | Stage 2 | | | | | | | | | | | | | | | | | |
| 535 | 32016 | QoS Improvements | NA | | | | | | | | | | | | | | | | |
| 536 | 32017 | Dynamic Policy control enhancements for end-to-end QoS | Rel6 | | | | | | | | | | | | | | | | |
| 537 | 33002 | Support for subscriber certificates | Rel6 | | | | | | | | | | | | | | | | |
| 538 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | | | | | | | | | | | | | | | |
| 539 | 1340 | Facsimile | Rel4 | | | | | | | | | | | | | | | | |
| 540 | 1341 | Real Time Fax | | | | | | | | | | | | | | | | | |
| 541 | 1808 | Terminal capabilities, AT commands | | | | | | | | | | | | | | | | | |
| 542 | 1343 | Signalling aspects (e.g. ICM) | | | | | | | | | | | | | | | | | |
| 543 | 1648 | Service provision | | | | | | | | | | | | | | | | | |
| 544 | 1345 | Review whether service/stage 1 aspects need to be aligned | | | | | | | | | | | | | | | | | |
| 545 | 1346 | Review whether architecture/stage 2 aspects need to be aligned | | | | | | | | | | | | | | | | | |
| 546 | 1539 | Transparent End-to-End PS mobile streaming applicator | Rel4 | | | | | | | | | | | | | | | | |
| 547 | 1818 | Multimedia Messaging | Rel4 | | | | | | | | | | | | | | | | |
| 548 | 136 | Definition of service requirements | | | | | | | | | | | | | | | | | |
| 549 | 1819 | Review of definition of service requirements | | | | | | | | | | | | | | | | | |
| 550 | 1820 | Technical Realisation | | | | | | | | | | | | | | | | | |
| 551 | 1821 | Review of definition of reference Achitecture model | | | | | | | | | | | | | | | | | |
| 552 | 1822 | "Fulfill Requirements of Stage 1" | | | | | | | | | | | | | | | | | |
| 553 | 1823 | Definition of MMS primitives in Stage 2 | | | | | | | | | | | | | | | | | |
| 554 | 1541 | Transcoder-Free Operation | Rel4 | | | | | | | | | | | | | | | | |
| 555 | 112 | OoBTC solution | | | | | | | | | | | | | | | | | |
| 556 | 1512 | implementation in UTRAN | | | | | | | | | | | | | | | | | |
| 557 | 896 | Impact on architecture, Principles and Terminology | | | | | | | | | | | | | | | | | |
| 558 | 1657 | Codec Negotiation between UE and MSC | | | | | | | | | | | | | | | | | |
| 559 | 115 | Codec Negotiation inter MSC | | | | | | | | | | | | | | | | | |
| 560 | 894 | Bearer establishment inter MSC | | | | | | | | | | | | | | | | | |

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| 561 | 1617 | Prevention of user fraud | | | | | | | | | | | | | | | | | |
| 562 | 905 | Speech Transcoder: Location and Control at the UMTS Core | | | | | | | | | | | | | | | | | |
| 563 | 124 | Transcoder at Edge | | | | | | | | | | | | | | | | | |
| 564 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | | | | | | | | | | | | | | | | |
| 565 | 2311 | Gb over IP (Ip-fication of Gb) | | | | | | | | | | | | | | | | | |
| 566 | 2312 | Concept | | | | | | | | | | | | | | | | | |
| 567 | 2313 | Changes to 08.16, 08.18 | | | | | | | | | | | | | | | | | |
| 568 | 2314 | GERAN improvements 2 (NACC) | Rel4 | | | | | | | | | | | | | | | | |
| 569 | 2315 | Gb enhancements | | | | | | | | | | | | | | | | | |
| 570 | 2316 | NACC (Network Assisted Cell Change) | | | | | | | | | | | | | | | | | |
| 571 | 2420 | Concept | | | | | | | | | | | | | | | | | |
| 572 | 2317 | Changes in 03.64 | | | | | | | | | | | | | | | | | |
| 573 | 2318 | Changes in 04.60 | | | | | | | | | | | | | | | | | |
| 574 | 2319 | Changes in 44.008 | | | | | | | | | | | | | | | | | |
| 575 | 0 | Start Testing | | | | | | | | | | | | | | | | | |
| 576 | 50030 | NMS conformance test for Intra BSC NACC | | | | | | | | | | | | | | | | | |
| 577 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | | | | | | | | | | | | | | | | |
| 578 | 2325 | Gb enhancements 2 | | | | | | | | | | | | | | | | | |
| 579 | 2429 | stage 2 | | | | | | | | | | | | | | | | | |
| 580 | 2421 | Stage 3 (changes in 44.060) | | | | | | | | | | | | | | | | | |
| 581 | 2327 | Definition of enhanced countdown procedure | | | | | | | | | | | | | | | | | |
| 582 | 2328 | Definition of enhanced TBF release procedure | | | | | | | | | | | | | | | | | |
| 583 | 2329 | Definition of USF=FREE type polling mechanism on PDCH | | | | | | | | | | | | | | | | | |
| 584 | 1222 | Low Chip Rate TDD option | Rel4 | | | | | | | | | | | | | | | | |
| 585 | 1223 | Physical layer | | | | | | | | | | | | | | | | | |
| 586 | 1224 | Layer 2 and layer 3 protocol aspects | | | | | | | | | | | | | | | | | |
| 587 | 1225 | RF radio transmission/reception, system performance requi | | | | | | | | | | | | | | | | | |
| 588 | 1227 | UE radio access capability | | | | | | | | | | | | | | | | | |

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| 589 | 1228 | lub/lur protocol aspects | | | | | | | | | | | | | | | | | |
| 590 | 2262 | Low chiprate TDD interworking with GERAN | | | | | | | | | | | | | | | | | |
| 591 | 2263 | Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD | | | | | | | | | | | | | | | | | |
| 592 | 1911 | Start Testing | | | | | | | | | | | | | | | | | |
| 593 | 2103 | Conformance Test Aspects - Low Chip Rate TDD | | | | | | | | | | | | | | | | | |
| 594 | 2217 | Testing Layer 2 and layer 3 protocol aspects | | | | | | | | | | | | | | | | | |
| 595 | 2562 | Testing Layer 2 and layer 3 protocol aspects - TTCN | | | | | | | | | | | | | | | | | |
| 596 | 2218 | Testing RF Radio Transmission and Reception | | | | | | | | | | | | | | | | | |
| 597 | 1322 | Enable bearer independent CS architecture | Rel4 | | | | | | | | | | | | | | | | |
| 598 | 1323 | Enable bearer-independent call control | | | | | | | | | | | | | | | | | |
| 599 | 1516 | Architecture and Stage 2 description | | | | | | | | | | | | | | | | | |
| 600 | 1325 | Standardisation of protocols (control & user planes) over Nb interface | | | | | | | | | | | | | | | | | |
| 601 | 1326 | Standardisation of protocols over reference points between MSC server | | | | | | | | | | | | | | | | | |
| 602 | 1616 | Standardisation of detailed stage 2 description | | | | | | | | | | | | | | | | | |
| 603 | 1327 | Bearer control between MSC server and MGW | | | | | | | | | | | | | | | | | |
| 604 | 1328 | stage 3 - protocol issues | | | | | | | | | | | | | | | | | |
| 605 | 1329 | stage 3 - parameter value issues | | | | | | | | | | | | | | | | | |
| 606 | 1331 | Lawful interception | | | | | | | | | | | | | | | | | |
| 607 | 1918 | Start Testing | | | | | | | | | | | | | | | | | |
| 608 | 2052 | Conformance Test Aspects - Enable bearer independent CS | | | | | | | | | | | | | | | | | |
| 609 | 1445 | MExE enhancements Rel-4 | Rel4 | | | | | | | | | | | | | | | | |
| 610 | 1447 | MExE Security Analysis Activity | | | | | | | | | | | | | | | | | |
| 611 | 2045 | Stage 3 | | | | | | | | | | | | | | | | | |
| 612 | 1448 | Terminal aspects | | | | | | | | | | | | | | | | | |
| 613 | 1810 | MExE Rel4 Improvements and Investigations | | | | | | | | | | | | | | | | | |
| 614 | 1812 | 3rd MExE classmark | | | | | | | | | | | | | | | | | |
| 615 | 1814 | FS on Secure download mechanism and capabilities to support SDR con | | | | | | | | | | | | | | | | | |
| 616 | 1815 | FS on Support of MP3/MPEG4 content | | | | | | | | | | | | | | | | | |

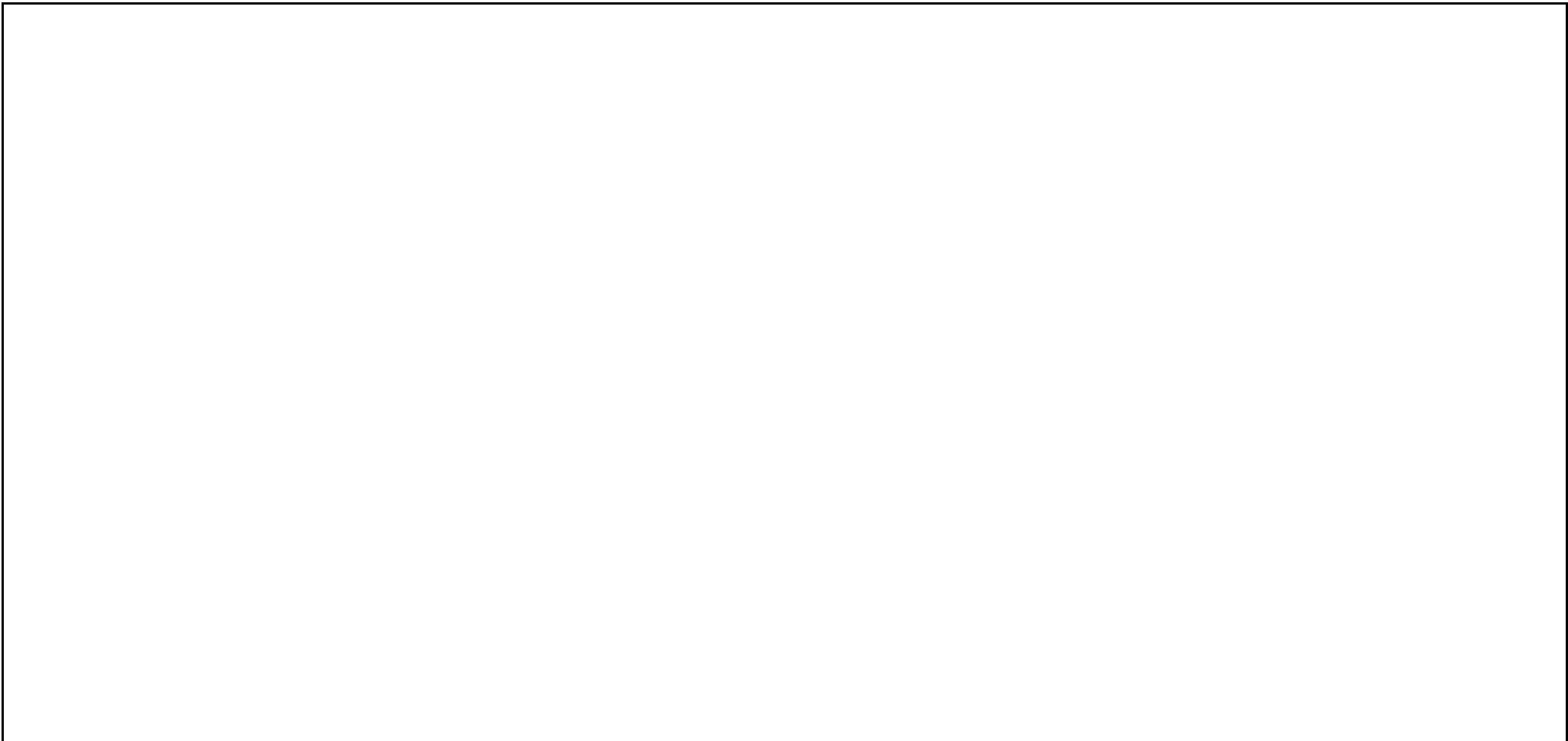
| ID | Unique_II | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| 617 | 1631 | Tandem Free aspects for 3G and between 2G and 3G sys | Rel4 | | | | | | | | | | | | | | | | |
| 618 | 1632 | Tandem Free AMR | | | | | | | | | | | | | | | | | |
| 619 | 130 | Specification | | | | | | | | | | | | | | | | | |
| 620 | 907 | Impact on: | | | | | | | | | | | | | | | | | |
| 621 | 131 | CN | | | | | | | | | | | | | | | | | |
| 622 | 132 | GERAN | | | | | | | | | | | | | | | | | |
| 623 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | | | | | | | | | | | | | | | | |
| 624 | 2232 | Stage 2 | | | | | | | | | | | | | | | | | |
| 625 | 2231 | Stages 2 and 3 on A interface | | | | | | | | | | | | | | | | | |
| 626 | 2403 | 700 MHz spectrum support | Rel4 | | | | | | | | | | | | | | | | |
| 627 | 2404 | GERAN support for the 700 MHz band | | | | | | | | | | | | | | | | | |
| 628 | 2405 | Signalling support | | | | | | | | | | | | | | | | | |
| 629 | 2406 | Physical layer definitions | | | | | | | | | | | | | | | | | |
| 630 | 2407 | Receiver performance and RF budget | | | | | | | | | | | | | | | | | |
| 631 | 2408 | GERAN MS Conformance test for 700 MHz band | | | | | | | | | | | | | | | | | |
| 632 | 2409 | MS test | | | | | | | | | | | | | | | | | |
| 633 | 2410 | GERAN BTS Conformance test for 700 MHz band | | | | | | | | | | | | | | | | | |
| 634 | 2411 | BTS test | | | | | | | | | | | | | | | | | |
| 635 | 2463 | Operator Determined Barring for Packet Oriented Servi | Rel4 | | | | | | | | | | | | | | | | |
| 636 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | | | | | | | | | | | | | | | | |
| 637 | 2548 | Architecture | | | | | | | | | | | | | | | | | |
| 638 | 2550 | Charging and OAM&P for QoS Management | | | | | | | | | | | | | | | | | |
| 639 | 1681 | RAB Quality of Service (re)Negotiation over lu | | | | | | | | | | | | | | | | | |
| 640 | 1991 | RAB Quality of Service Negotiation over lu | | | | | | | | | | | | | | | | | |
| 641 | 2456 | RAB Quality of Service Negotiation over lu during relocation | | | | | | | | | | | | | | | | | |
| 642 | 1992 | RAB Quality of Service Re-Negotiation over lu | | | | | | | | | | | | | | | | | |
| 643 | 1553 | GERAN QoS Aspects - Handovers: maintenance of real-tim | | | | | | | | | | | | | | | | | |
| 644 | 2306 | Handover Concept for the PS domain | | | | | | | | | | | | | | | | | |

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| 645 | 2309 | Stable RT handover report 25.936 including header removal | | | | | | | | | | | | | | | | | |
| 646 | 2307 | Update of stage 2 | | | | | | | | | | | | | | | | | |
| 647 | 2308 | Update of relevant stage 3 specs -> RRC | | | | | | | | | | | | | | | | | |
| 648 | 50010 | GERAN MS Conformance test for inter-system and intra-sys | | | | | | | | | | | | | | | | | |
| 649 | 50011 | Handover for the PS domain | | | | | | | | | | | | | | | | | |
| 650 | 50012 | Stable RT handover report 25.936 including header removal | | | | | | | | | | | | | | | | | |
| 651 | 50013 | Update of stage 2 | | | | | | | | | | | | | | | | | |
| 652 | 50014 | Update of relevant stage 3 specs | | | | | | | | | | | | | | | | | |
| 653 | 1685 | PS-domain handover for real-time services | | | | | | | | | | | | | | | | | |
| 654 | 2554 | RAB QoS Renegotiation at Relocation | | | | | | | | | | | | | | | | | |
| 655 | 1993 | small Technical Enhancements and Improvements for Rel-4 | Rel4 | | | | | | | | | | | | | | | | |
| 656 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | | | | | | | | | | | | | | | | |
| 657 | 12 | QoS optimisation for AAL2 connections over lub and lur int | Rel4 | | | | | | | | | | | | | | | | |
| 658 | 1995 | Transport bearer modification procedure on lub, lur, and lu | Rel4 | | | | | | | | | | | | | | | | |
| 659 | 401834 | Conformance Test Aspects of Rel-4 evolutions of the transp | | | | | | | | | | | | | | | | | |
| 660 | 2208 | Testing RAB support enhancements | | | | | | | | | | | | | | | | | |
| 661 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | | | | | | | | | | | | | | | | |
| 662 | 859 | IP Transport of CN protocols (e.g., CAP, MAP) | Rel4 | | | | | | | | | | | | | | | | |
| 663 | 1679 | Stage 3 | | | | | | | | | | | | | | | | | |
| 664 | 2018 | CAP | | | | | | | | | | | | | | | | | |
| 665 | 2019 | MAP | | | | | | | | | | | | | | | | | |
| 666 | 2253 | BSSAP+ | | | | | | | | | | | | | | | | | |
| 667 | 1513 | FS on Transport and control separation in the PS CN doma | Rel4 | | | | | | | | | | | | | | | | |
| 668 | 1615 | Architectural impacts | | | | | | | | | | | | | | | | | |
| 669 | 401216 | Rel-4 Improvements of Radio Interface | NA | | | | | | | | | | | | | | | | |
| 670 | 1509 | UTRA repeater specification (master) | Rel4 | | | | | | | | | | | | | | | | |
| 671 | 1994 | DSCH power control improvement in soft handover | Rel4 | | | | | | | | | | | | | | | | |
| 672 | 1996 | UMTS 1800 | el indep | | | | | | | | | | | | | | | | |

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| 673 | 2467 | UMTS 1900 | el indep | [Blue bar] | | | | | | | | | | | | | | | |
| 674 | 1219 | FS on High Speed downlink packet access | | | | | | | | | | | | | | | | | |
| 675 | 1510 | FS on improved common DL channel for Cell-FACH state | | [Blue bar] | | | | | | | | | | | | | | | |
| 676 | 401839 | Conformance Test Spec. Rel-4 improvements in Radio Inter | | [Grey bar with diamond] | | | | | | | | | | | | | | | |
| 677 | 2212 | Testing Improved usage of downlink resource in FDD for CCTrCHs of dec | | | | | | | | | | | | | | | | | |
| 678 | 2213 | Testing Terminal Power saving features | | | | | | | | | | | | | | | | | |
| 679 | 2214 | Testing DSCH power control improvement in soft handover | Rel4 | | | | | | | | | | | | | | | | |
| 680 | 2215 | Testing UMTS 1800 | el indep | [Blue bar] | | | | | | | | | | | | | | | |
| 681 | 41000 | Testing UMTS 1900 | el indep | [Blue bar] | | | | | | | | | | | | | | | |
| 682 | 2561 | Testing UMTS 1800 - TTCN | el indep | | | | | | | | | | | | | | | | |
| 683 | 41001 | Testing UMTS 1900 - TTCN | el indep | | | | | | | | | | | | | | | | |
| 684 | 400009 | Rel-4 RAN improvements | NA | | | | | | | | | | | | | | | | |
| 685 | 655 | Node B synchronisation for TDD | Rel4 | | | | | | | | | | | | | | | | |
| 686 | 2206 | RAB support enhancement for Rel-4 | Rel4 | | | | | | | | | | | | | | | | |
| 687 | 1912 | Start Testing | | | | | | | | | | | | | | | | | |
| 688 | 402102 | Conformance Test Aspects - Rel-4 RAN Improvements | | | | | | | | | | | | | | | | | |
| 689 | 2222 | Testing Radio access bearer support enhancements | | | | | | | | | | | | | | | | | |
| 690 | 2461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | | | | | | | | | | | | | | | | |
| 691 | 401652 | Rel-4 Emergency call enhancements | NA | [Grey bar with diamond] | | | | | | | | | | | | | | | |
| 692 | 1654 | For CS based calls | Rel4 | [Grey bar with diamond] | | | | | | | | | | | | | | | |
| 693 | 1320 | Distinction in CS domain of emergency call types to different emergency | | | | | | | | | | | | | | | | | |
| 694 | 1999 | Distinction in CS domain of emergency calls to different emergency types | | | | | | | | | | | | | | | | | |
| 695 | 2224 | Conformance Test Aspects - Emergency call enhancements | | | | | | | | | | | | | | | | | |
| 696 | 2226 | Testing CS based emergency calls | | | | | | | | | | | | | | | | | |
| 697 | 2563 | Testing CS based emergency calls - TTCN | | | | | | | | | | | | | | | | | |
| 698 | 401637 | Rel-4 OSA enhancements | NA | [Grey bar with diamond] | | | | | | | | | | | | | | | |
| 699 | 2120 | General Stage 2 for Rel4 | Rel4 | | | | | | | | | | | | | | | | |
| 700 | 401424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | [Grey bar with diamond] | | | | | | | | | | | | | | | |

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| 701 | 1425 | Stage 1 | | | | | | | | | | | | | | | | | | |
| 702 | 1529 | Stages 2 and 3 | | | | | | | | | | | | | | | | | | |
| 703 | 401786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | | | | | | | | | | | | | | | | | |
| 704 | 1787 | Stage 1 | | | | | | | | | | | | | | | | | | |
| 705 | 2124 | Stage 2 | | | | | | | | | | | | | | | | | | |
| 706 | 1788 | Stage 3 | | | | | | | | | | | | | | | | | | |
| 707 | 401826 | Rel-4 Terminal interfaces | NA | | | | | | | | | | | | | | | | | |
| 708 | 1827 | AT commands enhancements | Rel4 | | | | | | | | | | | | | | | | | |
| 709 | 1828 | Specification of AT commands for new services | | | | | | | | | | | | | | | | | | |
| 710 | 1858 | UE Conformance test spec. AT command | | | | | | | | | | | | | | | | | | |
| 711 | 1829 | Wide Area Data Synchronisation | NA | | | | | | | | | | | | | | | | | |
| 712 | 1830 | Continues evolution of Synchronisation protocol | Rel4 | | | | | | | | | | | | | | | | | |
| 713 | 1832 | Terminal local model | Rel4 | | | | | | | | | | | | | | | | | |
| 714 | 401536 | Rel-4 Location Services enhancements | NA | | | | | | | | | | | | | | | | | |
| 715 | 2229 | CBS interactions | Rel4 | | | | | | | | | | | | | | | | | |
| 716 | 523 | LCS support in the CS domain | Rel4 | | | | | | | | | | | | | | | | | |
| 717 | 525 | LCS support in the PS domain | Rel4 | | | | | | | | | | | | | | | | | |
| 718 | 1642 | Stage 1 | | | | | | | | | | | | | | | | | | |
| 719 | 1181 | Stage 2 | | | | | | | | | | | | | | | | | | |
| 720 | 1180 | Stage 3 | | | | | | | | | | | | | | | | | | |
| 721 | 526 | Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GSM-GPR | | | | | | | | | | | | | | | | | | |
| 722 | 2462 | MAP impacts of LCS | | | | | | | | | | | | | | | | | | |
| 723 | 527 | GTP signaling for LCS | | | | | | | | | | | | | | | | | | |
| 724 | 1600 | UE positioning Rel-4 | NA | | | | | | | | | | | | | | | | | |
| 725 | 1601 | Iub/Iur interfaces for methods Rel 99 | Rel4 | | | | | | | | | | | | | | | | | |
| 726 | 1602 | UE positioning enhancements - IPDL for TDD | Rel4 | | | | | | | | | | | | | | | | | |
| 727 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | | | | | | | | | | | | | | | | | |
| 728 | 1799 | Common PCN Handset Specification (CPHS) | Rel4 | | | | | | | | | | | | | | | | | |

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| 729 | 1800 | Rel-4 (U)SIM toolkit enhancements | NA | | | | | | | | | | | | | | | | |
| 730 | 2034 | USAT local link | Rel4 | | | | | | | | | | | | | | | | |
| 731 | 401571 | Rel-4 Security enhancements | NA | —————◆ | | | | | | | | | | | | | | | |
| 732 | 1587 | Evolution of GSM CS algorithms (e.g. A5/3 development and | Rel4 | | | | | | | | | | | | | | | | |
| 733 | 1588 | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | Rel4 | | | | | | | | | | | | | | | | |
| 734 | 1589 | Main aspects | | | | | | | | | | | | | | | | | |
| 735 | 1618 | Impact on GTP | | | | | | | | | | | | | | | | | |
| 736 | 1661 | GEA capability indication in MS CM | | | | | | | | | | | | | | | | | |
| 737 | 1583 | MAP application layer security | Rel4 | —————◆ | | | | | | | | | | | | | | | |
| 738 | 1584 | Main aspects | | | | | | | | | | | | | | | | | |
| 739 | 2025 | Other stage 3 aspects | | | | | | | | | | | | | | | | | |
| 740 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | ————— | | | | ————— | | | | | | | | | | | |
| 741 | 401142 | Rel-4 Charging and OAM&P | NA | ◆ | | | | | | | | | | | | | | | |
| 742 | 2089 | Rel4 Principles, high level Requirements and Architecture | Rel4 | | | | | | | | | | | | | | | | |
| 743 | 2088 | Rel4 Performance Management | Rel4 | ————— | | | | | | | | | | | | | | | |
| 744 | 2081 | Fault Management | Rel4 | ————— | | | | | | | | | | | | | | | |
| 745 | 2082 | Configuration Management | Rel4 | ————— | | | | | | | | | | | | | | | |
| 746 | 2083 | Rel4 Charging Management | Rel4 | ————— | | | | | | | | | | | | | | | |
| 747 | 2071 | UTRAN Operations and Maintenance procedures | Rel4 | ————— | | | | | | | | | | | | | | | |



Project: 3GPP_Work Plan
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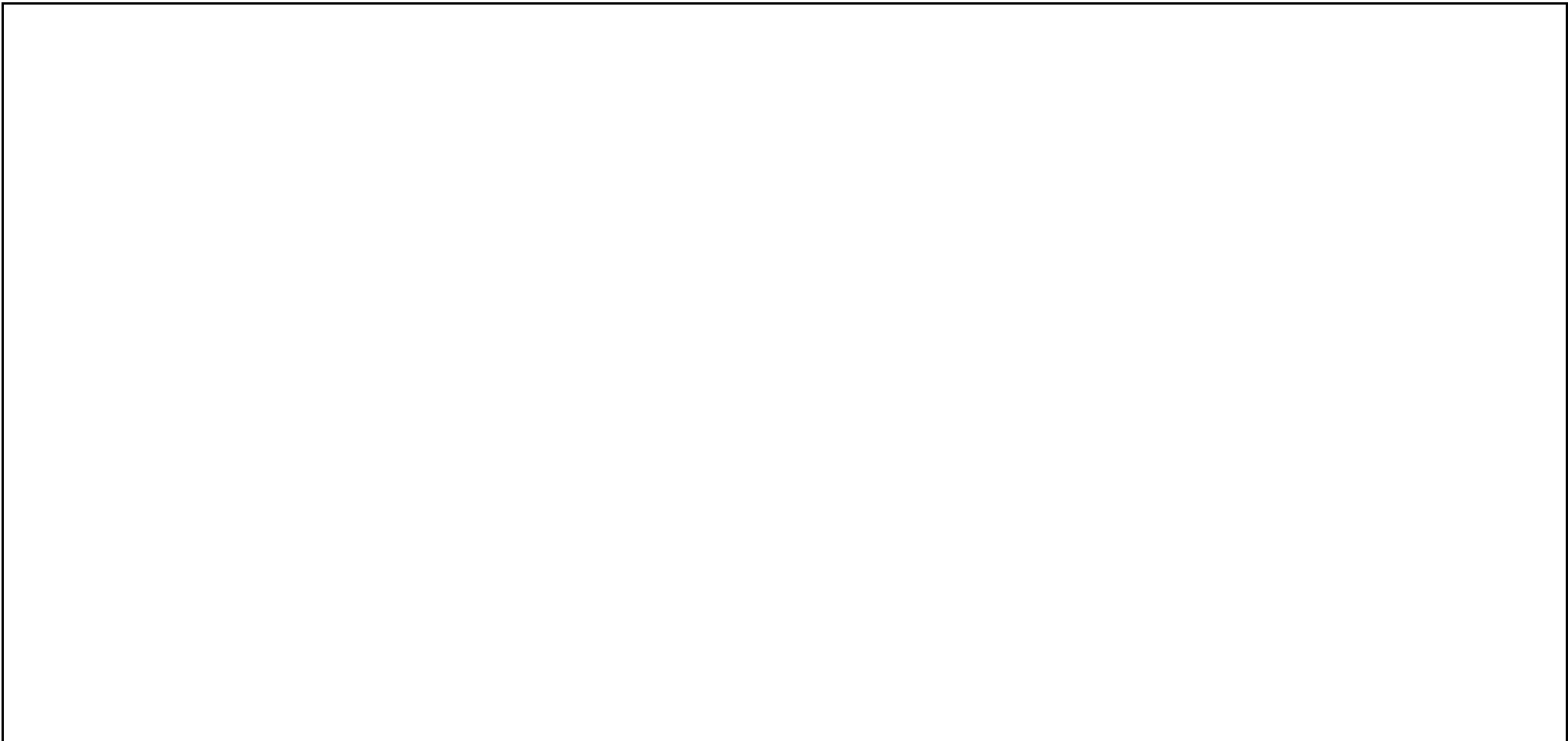
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| Critical | | Baseline Milestone | | Rolled Up Split | |
| Critical Split | | Milestone | | Rolled Up Task Progress | |
| Critical Progress | | Summary Progress | | Rolled Up Baseline | |
| Task | | Summary | | Rolled Up Baseline Milestone | |
| Split | | Rolled Up Critical | | Rolled Up Milestone | |
| Task Progress | | Rolled Up Critical Split | | External Tasks | |
| Baseline | | Rolled Up Critical Progress | | Project Summary | |
| Baseline Split | | Rolled Up Task | | | |




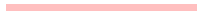



















| ID | Unique_ID | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1 | 2044 | VERSION 2002 March 5th | Rel | | | | | | | | | | | | | | | | |
| 2 | 1462 | "CTRL + a" to display all the 3GPP fields | | | | | | | | | | | | | | | | | |
| 3 | 2058 | Content of Rel4 frozen. Rel5 and after not frozen. | Rel | | | | | | | | | | | | | | | | |
| 4 | 0 | | Rel | | | | | | | | | | | | | | | | |
| 5 | 96 | | | | | | | | | | | | | | | | | | |
| 6 | 2 | Evolutions of the transport in the UTRAN [in progress] | NA | | | | | | | | | | | | | | | | |
| 11 | 4 | Evolutions of the transport in the CN [in progress] | NA | | | | | | | | | | | | | | | | |
| 13 | 2476 | High Speed Downlink Packet Access | Rel5 | | | | | | | | | | | | | | | | |
| 18 | 1216 | Improvements of Radio Interface [in progress] | NA | | | | | | | | | | | | | | | | |
| 41 | 9 | RAN improvements [in progress] | NA | | | | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | | | | | | | | | | | | | | | | |
| 146 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | | | | | | | | | | | | | | | | |
| 149 | 1652 | Emergency call enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 158 | 1517 | Global Text Telephony | Rel5 | | | | | | | | | | | | | | | | |
| 166 | 1637 | OSA enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 203 | 1638 | CAMEL phase 4 | Rel5 | | | | | | | | | | | | | | | | |
| 217 | 2464 | Rel-5 MExE enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 220 | 1625 | Wideband Telephony Service - AMR | Rel5 | | | | | | | | | | | | | | | | |
| 263 | 1826 | Terminal interfaces [in progress] | NA | | | | | | | | | | | | | | | | |
| 265 | 1536 | Location Services enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 303 | 1800 | (U)SIM toolkit enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 312 | 1571 | Security enhancements [in progress] | NA | | | | | | | | | | | | | | | | |
| 328 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | | | | | | | | | | | | | | | | |
| 336 | 1365 | Support of Push Services | Rel6 | | | | | | | | | | | | | | | | |
| 339 | 1142 | Charging and OAM&P [in progress] | NA | | | | | | | | | | | | | | | | |
| 344 | 2062 | Subscription Management | Rel5 | | | | | | | | | | | | | | | | |
| 345 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN N | Rel5 | | | | | | | | | | | | | | | | |
| 353 | 2320 | GERAN improvements 3 (new transport layer on interface | Rel5 | | | | | | | | | | | | | | | | |

| ID | Unique_ID | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 357 | 2330 | GERAN support for IMS | TBD | | | | | | | | | | | | | | | | |
| 373 | 2345 | Alignment of 3G functional split and lu | TBD | | | | | | | | | | | | | | | | |
| 433 | 2392 | GERAN enhancements for streaming services 1 | Rel5 | | | | | | | | | | | | | | | | |
| 437 | 2396 | GERAN enhancements for streaming services 2 | Rel5 | | | | | | | | | | | | | | | | |
| 444 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | | | | | | | | | | | | | | | | |
| 448 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | | | | | | | | | | | | | | | | |
| 452 | 2499 | Support of Presence Capability | Rel6 | | | | | | | | | | | | | | | | |
| 459 | 2507 | Display of Service Provider name on UE | Rel5 | | | | | | | | | | | | | | | | |
| 464 | 2520 | User Equipment Management | Rel5 | | | | | | | | | | | | | | | | |
| 466 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | | | | | | | | | | | | | | | | |
| 469 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | | | | | | | | | | | | | | | | |
| 477 | 2569 | Messaging enhancements Rel-5 | Rel5 | | | | | | | | | | | | | | | | |
| 485 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | | | | | | | | | | | | | | | | |
| 492 | 50033 | Enhanced Power Control | Rel5 | | | | | | | | | | | | | | | | |
| 496 | 50037 | 8PSK AMR HR | Rel5 | | | | | | | | | | | | | | | | |
| 500 | 50041 | Uplink TDOA feasibility study | Rel5 | | | | | | | | | | | | | | | | |
| 502 | 13000 | Service Change and UDI Fallback | Rel5 | | | | | | | | | | | | | | | | |
| 503 | 35009 | Trace Management | Rel5 | | | | | | | | | | | | | | | | |
| 504 | 30001 | small Technical Enhancements and Improvements for R | Rel5 | | | | | | | | | | | | | | | | |
| 505 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | | | | | | | | | | | | | | | | |
| 509 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | | | | | | | | | | | | | | | | |
| 513 | 31008 | Generic User Profile | Rel6 | | | | | | | | | | | | | | | | |
| 518 | 31010 | Digital Rights Management | Rel6 | | | | | | | | | | | | | | | | |
| 524 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | | | | | | | | | | | | | | | | |
| 526 | 31015 | Priority Service | Rel6 | | | | | | | | | | | | | | | | |
| 529 | 31018 | Network Sharing | Rel6 | | | | | | | | | | | | | | | | |
| 531 | 30000 | FS on Priority Service | Rel6 | | | | | | | | | | | | | | | | |
| 532 | 31013 | UE Functionality Split | Rel6 | | | | | | | | | | | | | | | | |

| ID | Unique_II | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 535 | 32016 | QoS Improvements | NA | | | | | | | | | | | | | | | | |
| 537 | 33002 | Support for subscriber certificates | Rel6 | | | | | | | | | | | | | | | | |
| 538 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | | | | | | | | | | | | | | | |
| 539 | 1340 | Facsimile | Rel4 | | | | | | | | | | | | | | | | |
| 546 | 1539 | Transparent End-to-End PS mobile streaming applicator | Rel4 | | | | | | | | | | | | | | | | |
| 547 | 1818 | Multimedia Messaging | Rel4 | | | | | | | | | | | | | | | | |
| 554 | 1541 | Transcoder-Free Operation | Rel4 | | | | | | | | | | | | | | | | |
| 564 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | | | | | | | | | | | | | | | | |
| 568 | 2314 | GERAN improvements 2 (NACC) | Rel4 | | | | | | | | | | | | | | | | |
| 577 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | | | | | | | | | | | | | | | | |
| 584 | 1222 | Low Chip Rate TDD option | Rel4 | | | | | | | | | | | | | | | | |
| 597 | 1322 | Enable bearer independent CS architecture | Rel4 | | | | | | | | | | | | | | | | |
| 609 | 1445 | MExE enhancements Rel-4 | Rel4 | | | | | | | | | | | | | | | | |
| 617 | 1631 | Tandem Free aspects for 3G and between 2G and 3G sys | Rel4 | | | | | | | | | | | | | | | | |
| 623 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | | | | | | | | | | | | | | | | |
| 626 | 2403 | 700 MHz spectrum support | Rel4 | | | | | | | | | | | | | | | | |
| 635 | 2463 | Operator Determined Barring for Packet Oriented Servi | Rel4 | | | | | | | | | | | | | | | | |
| 636 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | | | | | | | | | | | | | | | | |
| 655 | 1993 | small Technical Enhancements and Improvements for Re | Rel4 | | | | | | | | | | | | | | | | |
| 656 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | | | | | | | | | | | | | | | | |
| 661 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | | | | | | | | | | | | | | | | |
| 669 | 401216 | Rel-4 Improvements of Radio Interface | NA | | | | | | | | | | | | | | | | |
| 684 | 400009 | Rel-4 RAN improvements | NA | | | | | | | | | | | | | | | | |
| 691 | 401652 | Rel-4 Emergency call enhancements | NA | | | | | | | | | | | | | | | | |
| 698 | 401637 | Rel-4 OSA enhancements | NA | | | | | | | | | | | | | | | | |
| 707 | 401826 | Rel-4 Terminal interfaces | NA | | | | | | | | | | | | | | | | |
| 714 | 401536 | Rel-4 Location Services enhancements | NA | | | | | | | | | | | | | | | | |
| 727 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | | | | | | | | | | | | | | | | |

| ID | Unique_ID | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 729 | 1800 | Rel-4 (U)SIM toolkit enhancements | NA | | | | | | | | | | | | | | | | |
| 731 | 401571 | Rel-4 Security enhancements | NA | —————◆ | | | | | | | | | | | | | | | |
| 741 | 401142 | Rel-4 Charging and OAM&P | NA | ◆ | | | | | | | | | | | | | | | |



| | | | | | | |
|---|-------------------|---|-----------------------------|---|------------------------------|---|
| Project: 3GPP_Work Plan Date: Tue 05/03/02 | Critical |  | Baseline Milestone |  | Rolled Up Split |  |
| | Critical Split |  | Milestone |  | Rolled Up Task Progress |  |
| | Critical Progress |  | Summary Progress |  | Rolled Up Baseline |  |
| | Task |  | Summary |  | Rolled Up Baseline Milestone |  |
| | Split |  | Rolled Up Critical |  | Rolled Up Milestone |  |
| | Task Progress |  | Rolled Up Critical Split |  | External Tasks |  |
| | Baseline |  | Rolled Up Critical Progress |  | Project Summary |  |
| | Baseline Split |  | Rolled Up Task |  | | |

| ID | Unique_I | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
|----|----------|---|---------|-------------|-----|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1 | 2044 | VERSION 2002 March 5th | Rel | | | | | | | | | | | | | | | | |
| 3 | 2058 | Content of Rel4 frozen. Rel5 and after not frozen. | Rel | | | | | | | | | | | | | | | | |
| 4 | 0 | | Rel | | | | | | | | | | | | | | | | |
| 6 | 2 | Evolutions of the transport in the UTRAN [in progress] | NA | | | | | | | | | | | | | | | | |
| 7 | 625 | IP transport in the UTRAN | Rel5 | | | | | | | | | | | | | | | | |
| 8 | 2257 | Evolution of transport in UTRAN and GERAN | Rel5 | | | | | | | | | | | | | | | | |
| 11 | 4 | Evolutions of the transport in the CN [in progress] | NA | | | | | | | | | | | | | | | | |
| 12 | 2455 | FS on Usage of SUA | Rel5 | | | | | | | | | | | | | | | | |
| 13 | 2476 | High Speed Downlink Packet Access | Rel5 | | | | | | | | | | | | | | | | |
| 18 | 1216 | Improvements of Radio Interface [in progress] | NA | | | | | | | | | | | | | | | | |
| 19 | 1470 | Improvement of inter-frequency and inter-system measurement | Rel5 | | | | | | | | | | | | | | | | |
| 20 | 1471 | Base station classification | Rel5 | | | | | | | | | | | | | | | | |
| 27 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | | | | | | | | | | | | | | | | |
| 28 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | | | | | | | | | | | | | | | | |
| 29 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel5 | | | | | | | | | | | | | | | | |
| 30 | 1506 | FS on Radio link performance enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 31 | 1221 | FS on USTS | Rel5 | | | | | | | | | | | | | | | | |
| 32 | 1997 | FS on UE antenna efficiency test method performance requireme | Rel5 | | | | | | | | | | | | | | | | |
| 33 | 2494 | FS on the re-introduction of the downlink SIR measurement | Rel5 | | | | | | | | | | | | | | | | |
| 34 | 24001 | FS on UTRA WideBand Distribution Systems | Rel5 | | | | | | | | | | | | | | | | |
| 35 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | | | | | | | | | | | | | | | | |
| 36 | 24003 | FS for the viable deployment of UTRA in additional and diverse s | Rel6 | | | | | | | | | | | | | | | | |
| 37 | 21000 | FS on Improvement of inter-frequency and inter-system measur | Rel5 | | | | | | | | | | | | | | | | |
| 38 | 1839 | Conformance Test Spec. improvements in Radio Interface | | | | | | | | | | | | | | | | | |
| 39 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | | | | | | | | | | | | | | | | |
| 40 | 2211 | Testing Hybrid ARQ II/III | Rel5 | | | | | | | | | | | | | | | | |
| 41 | 9 | RAN improvements [in progress] | NA | | | | | | | | | | | | | | | | |
| 42 | 656 | RRM optimization for lur and lub | Rel5 | | | | | | | | | | | | | | | | |
| 46 | 2488 | RL Timing Adjustment | Rel5 | | | | | | | | | | | | | | | | |

| ID | Unique_I | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 47 | 2489 | Separation of resource reservation and radio link activation | Rel5 | | | | | | | | | | | | | | | | |
| 48 | 2490 | Improvement of Radio Resource Management across RNS and R | Rel5 | | | | | | | | | | | | | | | | |
| 49 | 2491 | Re-arrangements of lub transport bearers | Rel5 | | | | | | | | | | | | | | | | |
| 50 | 23003 | SRNS Relocation Procedure Enhancement | Rel5 | | | | | | | | | | | | | | | | |
| 52 | 1680 | Header compression removal/stripping in the RAN | Rel5 | | | | | | | | | | | | | | | | |
| 53 | 1686 | Unequal error protection in PS domain in the RAN | Rel5 | | | | | | | | | | | | | | | | |
| 54 | 21001 | Beamforming requirements for UE | Rel5 | | | | | | | | | | | | | | | | |
| 55 | 20999 | Beamforming Enhancements | Rel5 | | | | | | | | | | | | | | | | |
| 56 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | | | | | | | | | | | | | | | | |
| 57 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | | | | | | | | | | | | | | | | |
| 59 | 2102 | Conformance Test Aspects - RAN Improvements | | | | | | | | | | | | | | | | | |
| 61 | 2461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | | | | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | | | | | | | | | | | | | | | | |
| 63 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | | | | | | | | | | | | | | | | |
| 86 | 1298 | Access Security for IMS | Rel5 | | | | | | | | | | | | | | | | |
| 90 | 2574 | Security Aspects of Requirement for Network Configuration Inde | Rel5 | | | | | | | | | | | | | | | | |
| 91 | 1299 | Lawful interception | TBD | | | | | | | | | | | | | | | | |
| 93 | 35007 | Charging and OAM&P for IMS | Rel5 | | | | | | | | | | | | | | | | |
| 95 | 2048 | Interworking between IMS and IP networks | TBD | | | | | | | | | | | | | | | | |
| 100 | 2047 | Interworking between IMS and CS networks | TBD | | | | | | | | | | | | | | | | |
| 103 | 14000 | SIP SS and relationship to Mg, Mw, Cx | TBD | | | | | | | | | | | | | | | | |
| 104 | 2036 | Multimedia codecs and protocols for conversational PS services | TBD | | | | | | | | | | | | | | | | |
| 108 | 32003 | SIP message compression | TBD | | | | | | | | | | | | | | | | |
| 111 | 32005 | IMS Local services | TBD | | | | | | | | | | | | | | | | |
| 112 | 10001 | Stage 3 description of IMS interfaces | Rel5 | | | | | | | | | | | | | | | | |
| 124 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e.g. CSC | Rel5 | | | | | | | | | | | | | | | | |
| 125 | 12000 | Support of CAMEL by the IMS | Rel5 | | | | | | | | | | | | | | | | |
| 131 | 31002 | Pre-pay/real-time charging in IMS | TBD | | | | | | | | | | | | | | | | |
| 132 | 35005 | Charging | Rel5 | | | | | | | | | | | | | | | | |

| ID | Unique_I | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 135 | 10002 | Other IETF dependencies | TBD | [Timeline bar with diamond marker in Mar 2002] | | | | | | | | | | | | | | | |
| 143 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | [Timeline bar from Dec 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 144 | 1913 | Start Testing | Rel5 | [Timeline bar with diamond marker in Mar 2002] | | | | | | | | | | | | | | | |
| 146 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | [Timeline bar with diamond marker in Mar 2002] | | | | | | | | | | | | | | | |
| 149 | 1652 | Emergency call enhancements [in progress] | NA | [Timeline bar from Sep 2001 to Sep 2002] | | | | | | | | | | | | | | | |
| 150 | 1653 | For IP & PS based calls | Rel6 | [Timeline bar from Sep 2001 to Sep 2002] | | | | | | | | | | | | | | | |
| 158 | 1517 | Global Text Telephony | Rel5 | [Timeline bar with diamond marker in Mar 2002 and 'Start Testing' label] | | | | | | | | | | | | | | | |
| 166 | 1637 | OSA enhancements [in progress] | NA | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 167 | 1424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 170 | 1429 | OSA APIs for Multimedia CC | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 173 | 1419 | OSA security | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 179 | 1433 | Retrieval of Terminal capabilities | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 183 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 187 | 2538 | Interaction with Rel-5 features | Rel5 | [Timeline bar from Sep 2001 to Dec 2001] | | | | | | | | | | | | | | | |
| 191 | 2519 | OSA Stage 3 | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 192 | 15000 | OSA evolution - Stages 2 and 3 | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 193 | 15001 | Framework | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 194 | 15002 | (Multimedia) Call Control | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 195 | 15003 | Generic user interaction | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 196 | 15004 | Charging | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 197 | 15005 | Policy Management | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 198 | 15006 | Presence and Availability Management (PAM) | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 199 | 15007 | Call Control Service Mapping; Multiparty Call Control SIP | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 200 | 15008 | Journaling | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 201 | 15009 | Retrieval of Network Capabilities | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 203 | 1638 | CAMEL phase 4 | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 217 | 2464 | Rel-5 MExE enhancements | Rel5 | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |
| 220 | 1625 | Wideband Telephony Service - AMR | Rel5 | [Timeline bar with diamond marker in Mar 2002 and 'Start Testing' label] | | | | | | | | | | | | | | | |
| 263 | 1826 | Terminal interfaces [in progress] | NA | [Timeline bar from Sep 2001 to Jun 2002] | | | | | | | | | | | | | | | |

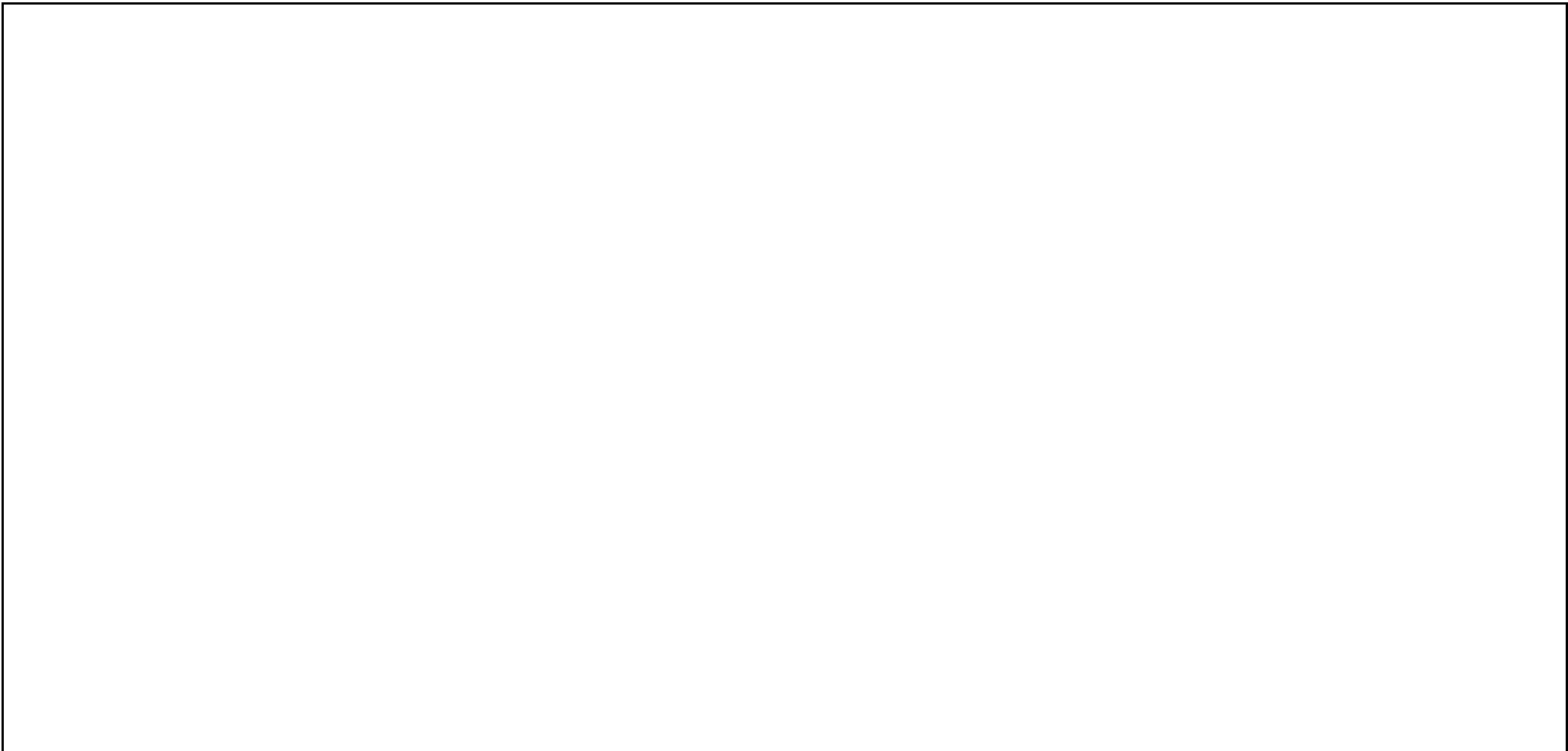
| ID | Unique_I | Name | Release | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | |
|-----|----------|--|---------|-------------|-----|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 264 | 2573 | Terminal local model enhancements | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 265 | 1536 | Location Services enhancements [in progress] | NA | [Bar] | | | | | | | | | | | | | | | |
| 266 | 1600 | UE positioning [in progress] | NA | [Bar] | | | | | | | | | | | | | | | |
| 268 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 269 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel'4 | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 271 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positio | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 272 | 1171 | Event based and Periodic LCS | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 276 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 281 | 2442 | Location Services for GERAN in lu Mode | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 289 | 32001 | Enhanced support for user privacy and subscriber data handling | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 299 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 300 | 521 | New security aspects of LCS (not identified) | Rel5 | [Bar] | | | | [Bar] | | | | | | | | | | | |
| 301 | 32011 | Specification for the Le Interface | Rel5 | | | | | [Bar] | | | | | | | | | | | |
| 302 | 32012 | Support of the Presence Service Architecture | Rel5 | | | | | [Bar] | | | | | | | | | | | |
| 303 | 1800 | (U)SIM toolkit enhancements [in progress] | NA | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 304 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 308 | 1802 | UICC API | NA | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 309 | 2031 | C SIM API | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 312 | 1571 | Security enhancements [in progress] | NA | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 313 | 1583 | MAP application layer security | Rel4 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 316 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | | | | | | |
| 317 | 1576 | Network domain security | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 325 | 2026 | Enhanced HE control of security (including positive authenticatio | Rel6 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 328 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | [Bar] | | | | | | | | | | | | | | | |
| 329 | 1862 | Optimisation of Test Time, RF Aspects (FDD) | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 330 | 1863 | Optimisation of Test Time, RF Aspects (TDD) | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 336 | 1365 | Support of Push Services | Rel6 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |
| 339 | 1142 | Charging and OAM&P [in progress] | NA | [Bar] | | | | | | | | | | | | | | | |
| 340 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | [Bar] | | | | [Bar] | | | [Bar] | | | [Bar] | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 341 | 35003 | Rel5 Performance Management | Rel5 | | | | | | | | | | | | | | | | |
| 342 | 35004 | Rel5 Charging Management | Rel5 | | | | | | | | | | | | | | | | |
| 343 | 35001 | Network Infrastructure Management | Rel5 | | | | | | | | | | | | | | | | |
| 344 | 2062 | Subscription Management | Rel5 | | | | | | | | | | | | | | | | |
| 345 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN I | Rel5 | | | | | | | | | | | | | | | | |
| 353 | 2320 | GERAN improvements 3 (new transport layer on interfac | Rel5 | | | | | | | | | | | | | | | | |
| 357 | 2330 | GERAN support for IMS | TBD | | | | | | | | | | | | | | | | |
| 373 | 2345 | Alignment of 3G functional split and lu | TBD | | | | | | | | | | | | | | | | |
| 433 | 2392 | GERAN enhancements for streaming services 1 | Rel5 | | | | | | | | | | | | | | | | |
| 437 | 2396 | GERAN enhancements for streaming services 2 | Rel5 | | | | | | | | | | | | | | | | |
| 444 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | | | | | | | | | | | | | | | | |
| 448 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | | | | | | | | | | | | | | | | |
| 452 | 2499 | Support of Presence Capability | Rel6 | | | | | | | | | | | | | | | | |
| 459 | 2507 | Display of Service Provider name on UE | Rel5 | | | | | | | | | | | | | | | | |
| 464 | 2520 | User Equipment Management | Rel5 | | | | | | | | | | | | | | | | |
| 465 | 35000 | FS on User Equipment (UE) Management | Rel5 | | | | | | | | | | | | | | | | |
| 466 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | | | | | | | | | | | | | | | | |
| 469 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | | | | | | | | | | | | | | | | |
| 477 | 2569 | Messaging enhancements Rel-5 | Rel5 | | | | | | | | | | | | | | | | |
| 478 | 2571 | Multimedia Messaging (MMS) enhancements | | | | | | | | | | | | | | | | | |
| 479 | 31000 | Definition of service requirements | Rel5 | | | | | | | | | | | | | | | | |
| 485 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | | | | | | | | | | | | | | | | |
| 492 | 50033 | Enhanced Power Control | Rel5 | | | | | | | | | | | | | | | | |
| 496 | 50037 | 8PSK AMR HR | Rel5 | | | | | | | | | | | | | | | | |
| 500 | 50041 | Uplink TDOA feasibility study | Rel5 | | | | | | | | | | | | | | | | |
| 502 | 13000 | Service Change and UDI Fallback | Rel5 | | | | | | | | | | | | | | | | |
| 503 | 35009 | Trace Management | Rel5 | | | | | | | | | | | | | | | | |
| 504 | 30001 | small Technical Enhancements and Improvements for F | Rel5 | | | | | | | | | | | | | | | | |
| 505 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | | | | | | | | | | | | | | | | |

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| 509 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 513 | 31008 | Generic User Profile | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 518 | 31010 | Digital Rights Management | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 524 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | | | | | | | | | | | | | | | | |
| 526 | 31015 | Priority Service | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 529 | 31018 | Network Sharing | Rel6 | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 531 | 30000 | FS on Priority Service | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 532 | 31013 | UE Functionality Split | Rel6 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 533 | 31021 | Technical Report | Rel5 | | | | | | | | | | | | | | | | |
| 535 | 32016 | QoS Improvements | NA | | | | | | | | | | | | | | | | |
| 536 | 32017 | Dynamic Policy control enhancements for end-to-end QoS | Rel6 | | | | | | | | | | | | | | | | |
| 537 | 33002 | Support for subscriber certificates | Rel6 | | | | | | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 538 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | | | | | | | | | | | | | | | |
| 539 | 1340 | Facsimile | Rel4 | | | | | | | | | | | | | | | | |
| 546 | 1539 | Transparent End-to-End PS mobile streaming applicatio | Rel4 | | | | | | | | | | | | | | | | |
| 547 | 1818 | Multimedia Messaging | Rel4 | | | | | | | | | | | | | | | | |
| 554 | 1541 | Transcoder-Free Operation | Rel4 | | | | | | | | | | | | | | | | |
| 564 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | | | | | | | | | | | | | | | | |
| 568 | 2314 | GERAN improvements 2 (NACC) | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 577 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | | | | | | | | | | | | | | | | |
| 584 | 1222 | Low Chip Rate TDD option | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 597 | 1322 | Enable bearer independent CS architecture | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 609 | 1445 | MExE enhancements Rel-4 | Rel4 | | | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 617 | 1631 | Tandem Free aspects for 3G and between 2G and 3G sy | Rel4 | | | | | | | | | | | | | | | | |
| 623 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 626 | 2403 | 700 MHz spectrum support | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 635 | 2463 | Operator Determined Barring for Packet Oriented Serv | Rel4 | | | | | | | | | | | | | | | | |
| 636 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | |
| 655 | 1993 | small Technical Enhancements and Improvements for F | Rel4 | | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 656 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | [Timeline bar with diamond marker in Q3 2002] | | | | | | | | | | | | | | | |
| 657 | 12 | QoS optimisation for AAL2 connections over lub and lur interface | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 658 | 1995 | Transport bearer modification procedure on lub, lur, and lu | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 661 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | [Timeline bar] | | | | | | | | | | | | | | | |
| 662 | 859 | IP Transport of CN protocols (e.g., CAP, MAP) | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 667 | 1513 | FS on Transport and control separation in the PS CN domain | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 669 | 401216 | Rel-4 Improvements of Radio Interface | NA | [Timeline bar] | | | | | | | | | | | | | | | |
| 670 | 1509 | UTRA repeater specification (master) | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 671 | 1994 | DSCH power control improvement in soft handover | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 672 | 1996 | UMTS 1800 | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 673 | 2467 | UMTS 1900 | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 676 | 401839 | Conformance Test Spec. Rel-4 improvements in Radio Interface | | [Timeline bar with diamond marker in Q4 2001] | | | | | | | | | | | | | | | |
| 679 | 2214 | Testing DSCH power control improvement in soft handover | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 680 | 2215 | Testing UMTS 1800 | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 681 | 41000 | Testing UMTS 1900 | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 682 | 2561 | Testing UMTS 1800 - TTCN | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 683 | 41001 | Testing UMTS 1900 - TTCN | pl indep | [Timeline bar] | | | | | | | | | | | | | | | |
| 684 | 400009 | Rel-4 RAN improvements | NA | [Timeline bar with diamond marker in Q4 2001 and text 'Start Testing'] | | | | | | | | | | | | | | | |
| 685 | 655 | Node B synchronisation for TDD | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 686 | 2206 | RAB support enhancement for Rel-4 | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 688 | 402102 | Conformance Test Aspects - Rel-4 RAN Improvements | | [Timeline bar with diamond marker in Q1 2002] | | | | | | | | | | | | | | | |
| 690 | 2461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 691 | 401652 | Rel-4 Emergency call enhancements | NA | [Timeline bar with diamond marker in Q4 2002] | | | | | | | | | | | | | | | |
| 692 | 1654 | For CS based calls | Rel4 | [Timeline bar with diamond marker in Q4 2002] | | | | | | | | | | | | | | | |
| 698 | 401637 | Rel-4 OSA enhancements | NA | [Timeline bar with diamond marker in Q2 2002] | | | | | | | | | | | | | | | |
| 699 | 2120 | General Stage 2 for Rel4 | Rel4 | [Timeline bar] | | | | | | | | | | | | | | | |
| 700 | 401424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | [Timeline bar with diamond marker in Q2 2002] | | | | | | | | | | | | | | | |
| 703 | 401786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | [Timeline bar with diamond marker in Q2 2002] | | | | | | | | | | | | | | | |
| 707 | 401826 | Rel-4 Terminal interfaces | NA | [Timeline bar] | | | | | | | | | | | | | | | |

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| | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 708 | 1827 | AT commands enhancements | Rel4 | | | | | | | | | | | | | | | | |
| 711 | 1829 | Wide Area Data Synchronisation | NA | | | | | | | | | | | | | | | | |
| 712 | 1830 | Continues evolution of Synchronisation protocol | Rel4 | | | | | | | | | | | | | | | | |
| 713 | 1832 | Terminal local model | Rel4 | | | | | | | | | | | | | | | | |
| 714 | 401536 | Rel-4 Location Services enhancements | NA | | | | | | | | | | | | | | | | |
| 715 | 2229 | CBS interactions | Rel4 | | | | | | | | | | | | | | | | |
| 716 | 523 | LCS support in the CS domain | Rel4 | | | | | | | | | | | | | | | | |
| 717 | 525 | LCS support in the PS domain | Rel4 | | | | | | | | | | | | | | | | |
| 724 | 1600 | UE positioning Rel-4 | NA | | | | | | | | | | | | | | | | |
| 725 | 1601 | lub/lur interfaces for methods Rel 99 | Rel4 | | | | | | | | | | | | | | | | |
| 726 | 1602 | UE positioning enhancements - IPDL for TDD | Rel4 | | | | | | | | | | | | | | | | |
| 727 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | | | | | | | | | | | | | | | | |
| 728 | 1799 | Common PCN Handset Specification (CPHS) | Rel4 | | | | | | | | | | | | | | | | |
| 729 | 1800 | Rel-4 (U)SIM toolkit enhancements | NA | | | | | | | | | | | | | | | | |
| 730 | 2034 | USAT local link | Rel4 | | | | | | | | | | | | | | | | |
| 731 | 401571 | Rel-4 Security enhancements | NA | | | | | | | | | | | | | | | | |
| 732 | 1587 | Evolution of GSM CS algorithms (e.g. A5/3 development and depl | Rel4 | | | | | | | | | | | | | | | | |
| 733 | 1588 | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | Rel4 | | | | | | | | | | | | | | | | |
| 737 | 1583 | MAP application layer security | Rel4 | | | | | | | | | | | | | | | | |
| 740 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | | | | | | | | | | | | | | | | |
| 741 | 401142 | Rel-4 Charging and OAM&P | NA | | | | | | | | | | | | | | | | |
| 742 | 2089 | Rel4 Principles, high level Requirements and Architecture | Rel4 | | | | | | | | | | | | | | | | |
| 743 | 2088 | Rel4 Performance Management | Rel4 | | | | | | | | | | | | | | | | |
| 744 | 2081 | Fault Management | Rel4 | | | | | | | | | | | | | | | | |
| 745 | 2082 | Configuration Management | Rel4 | | | | | | | | | | | | | | | | |
| 746 | 2083 | Rel4 Charging Management | Rel4 | | | | | | | | | | | | | | | | |
| 747 | 2071 | UTRAN Operations and Maintenance procedures | Rel4 | | | | | | | | | | | | | | | | |



Project: 3GPP_Work Plan
Date: Tue 05/03/02

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