

3GPP Work Plan – Cover page

Version 2002, June 4th

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 April 9th 2002 and version June 3^d

Inputs have been received from:

S2, S3, S4

CN2, CN3, CN4

T1, T2, T3

R2, R4

GERAN

Deletion of:

| | | |
|-------|---|---------|
| 889 | Implementation in UTRAN | WG SA4 |
| 893 | Implementation in UTRAN | TSG RAN |
| 34014 | Codec selection and GSM-UTRAN interworking | TSG RAN |
| 34015 | Radio Access Bearer optimisation | TSG RAN |
| 34016 | Radio Access Bearer renegotiation (impact at least on 23.018) | TSG RAN |

UI D 80 has been restructured (80 Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR support)

This has lead to the deletion of the line:

2265 GMSK and 8PSK WB FR / HR support

2392 GERAN enhancements for streaming services 1

2393 GERAN enhancements for streaming services 1

The two lines were duplicated (2392 was Feature and 2393 was single BB of this feature), so 2393 has been deleted.

2396 GERAN enhancements for streaming services 2 (usage of ECSD)

2397 GERAN enhancements for streaming services 2

The two lines were duplicated (2396 was Feature and 2397 was single BB of this feature), so 2397 has been deleted.

50041 Uplink TDOA feasibility study

50042 Performing a feasibility study

The two lines were duplicated (50041 was Feature and 50042 was single BB of this feature), so 50042 has been deleted.

2011 Charging notification to the CSE WG CN2

2459 Enhancement of dialled services WG CN2

Deleted by CN2

SIP SS and relationship to Mg, Mw, Cx TBD WG CN4
Deleted: covered by 10001 and following

13007 IETF draft-ietf-diffserv-pib [DELETE] No WG CN3
13008 IETF draft-hamer-rap-cops-umts-go [DELETE] No WG CN3
13009 IETF draft-rap-frameworkpib-07 [DELETE] No WG CN3
Deleted by CN3

2461 DELETE: Testing RAB support enhancements-Robust Header Compression Rel4 WG T1
Deleted by T1

32020 to be deleted - General issues Rel5 (OSA)
Deleted by S2: covered by other items
15001 to be deleted -Framework for Stage 3 (OSA) Rel5 WG CN5
Deleted by S2: covered by other items

2246 GERAN work (lu flex)
52001 Stage 2
52002 Stage 3
Deleted by A. Sultan: covered by :
50067 GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes
51068 Stage 2 (changes to)
52070 Stage 3 (changes to)

2257 Evolution of transport in UTRAN and GERAN Rel5 WG RAN3
2258 Addition of transport mechanisms other than ATM for lu - Identification of alternative transports
WG RAN3
2259 Addition of transport mechanisms other than ATM for lu - Specification of those alternatives transports
WG RAN3
Deleted by MCC after consulting the RAN and GERAN chairmen (no activity, no work clearly identified)

30000 FS on Priority Service Rel6 TSG SA
Deleted by MCC: covered by 31015

31027 Rel-6 Open Service Access Rel6 WG SA1
Deleted by MCC: covered by 15010

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 | Resource No | 2002 | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | | Qtr 1, 2003 | | |
|----|-----------|---|---------|-------------|------|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 1 | 2044 | VERSION 2002 June 4th | 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 | NA | TSG RAN | | | | | | | | | | | | | | |
| 7 | 625 | IP transport in the UTRAN | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 8 | 4 | Evolutions of the transport in the CN | NA | WG CN4 | | | | | | | | | | | | | | |
| 9 | 2455 | FS on Usage of SUA | Rel5 | WG CN4 | | | | | | | | | | | | | | |
| 10 | 2476 | High Speed Downlink Packet Access | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 11 | 2477 | Physical Layer | | WG RAN1 | | | | | | | | | | | | | | |
| 12 | 2478 | Layer 2 and 3 aspects | | WG RAN2 | | | | | | | | | | | | | | |
| 13 | 2479 | lub/lur protocol aspects | | WG RAN3 | | | | | | | | | | | | | | |
| 14 | 2480 | RF Radio Transmission/ Reception, System Performance R | | WG RAN4 | | | | | | | | | | | | | | |
| 15 | 1216 | Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | | |
| 16 | 1470 | Improvement of inter-frequency and inter-system measure | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 17 | 1471 | Base station classification | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 18 | 1476 | FDD Base station classification | | WG RAN4 | | | | | | | | | | | | | | |
| 19 | 1477 | TDD Base station classification | | WG RAN4 | | | | | | | | | | | | | | |
| 20 | 24002 | Base Station Classification for 1.28 Mcps TDD option | | WG RAN4 | | | | | | | | | | | | | | |
| 21 | 1217 | Hybrid ARQ II/III | | WG RAN2 | | | | | | | | | | | | | | |
| 22 | 1218 | Improved usage of downlink resource in FDD for CCTrCHs c | | WG RAN2 | | | | | | | | | | | | | | |
| 23 | 1507 | Terminal Power Saving features | | WG RAN2 | | | | | | | | | | | | | | |
| 24 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | WG RAN1 | | | | | | | | | | | | | | |
| 25 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 26 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 27 | 1506 | FS on Radio link performance enhancements | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 28 | 1221 | FS on USTS | Rel5 | WG RAN1 | | | | | | | | | | | | | | |

| ID | Unique_II | Name | Release | Resource No | 2002 | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | | Qtr 1, 2003 | | |
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| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 29 | 1997 | FS on UE antenna efficiency test method performance requi | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 30 | 2494 | FS on the re-introduction of the downlink SIR measuremen | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 31 | 24001 | FS on UTRA WideBand Distribution Systems | Rel5 | WG RAN4 | [Gantt bar: Feb 2002 - Mar 2003] | | | | | | | | | | | | | |
| 32 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | WG RAN4 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 33 | 24003 | FS for the viable deployment of UTRA in additional and div | Rel6 | WG RAN4 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 34 | 24004 | Improving Receiver Performance Requirements for the FDD | Rel6 | WG RAN4 | [Gantt bar: Apr 2002 - Dec 2002] | | | | | | | | | | | | | |
| 35 | 24005 | FS on UE antenna efficiency test methods performance req | Rel6 | WG RAN4 | [Gantt bar: Apr 2002 - Dec 2002] | | | | | | | | | | | | | |
| 36 | 21000 | FS on Improvement of inter-frequency and inter-system mea | Rel5 | WG RAN1 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 37 | 1839 | Conformance Test Spec. improvements in Radio Interface | | WG T1 | [Gantt bar: Feb 2002 - Sep 2002] | | | | | | | | | | | | | |
| 38 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | WG T1 | [Gantt bar: Apr 2002 - Sep 2002] | | | | | | | | | | | | | |
| 39 | 2211 | Testing Hybrid ARQ II/III | Rel5 | WG T1 | [Gantt bar: Apr 2002 - Sep 2002] | | | | | | | | | | | | | |
| 40 | 9 | RAN improvements | NA | TSG RAN | [Gantt bar: Feb 2002 - Mar 2003] | | | | | | | | | | | | | |
| 41 | 656 | RRM optimization for lur and lub | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 45 | 2488 | RL Timing Adjustment | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 46 | 2489 | Separation of resource reservation and radio link activatio | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 47 | 2490 | Improvement of Radio Resource Management across RNS ; | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 48 | 2491 | Re-arrangements of lub transport bearers | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 49 | 23003 | SRNS Relocation Procedure Enhancement | Rel5 | WG RAN3 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 50 | 624 | RAB support enhancement | | WG RAN2 | [Gantt bar: Feb 2002 - Mar 2003] | | | | | | | | | | | | | |
| 51 | 22000 | RAB support enhancement for Rel-5 | Rel5 | WG RAN2 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 52 | 1680 | Header compression removal/stripping in the RAN | Rel5 | TSG RAN | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 53 | 1686 | Unequal error protection in PS domain in the RAN | Rel5 | TSG RAN | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 54 | 21001 | Beamforming requirements for UE | Rel5 | WG RAN1 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 55 | 20999 | Beamforming Enhancements | Rel5 | WG RAN1 | [Gantt bar: Feb 2002 - Dec 2002] | | | | | | | | | | | | | |
| 56 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | WG RAN1 | [Gantt bar: Feb 2002 - Jun 2002] | | | | | | | | | | | | | |
| 57 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | WG RAN1 | [Gantt bar: Feb 2002 - Mar 2002] | | | | | | | | | | | | | |
| 58 | 23005 | Improvement of RRM across RNS and RNS/BSS | Rel6 | WG RAN3 | [Gantt bar: Apr 2002 - Dec 2002] | | | | | | | | | | | | | |
| 59 | 1912 | Start Testing | | MLST | [Gantt bar: Feb 2002 - Mar 2003] | | | | | | | | | | | | | |

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| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 60 | 2102 | Conformance Test Aspects - RAN Improvements | | WG T1 | | | | | | | | | | | | | | |
| 61 | 2222 | Testing Radio access bearer support enhancements | | WG T1 | | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | WG SA1 | | | | | | | | | | | | | | |
| 63 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 64 | 1633 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 65 | 1514 | Stage 2 (Architecture and Main flows) | | WG SA2 | | | | | | | | | | | | | | |
| 66 | 1296 | Impact on MM/CC/SM | | WG CN1 | | | | | | | | | | | | | | |
| 67 | 2233 | SIP Call Control protocol for the IMS | | WG CN1 | | | | | | | | | | | | | | |
| 68 | 1998 | IMS signalling flows | | WG CN1 | | | | | | | | | | | | | | |
| 69 | 1278 | IMS stage 3 | | WG CN1 | | | | | | | | | | | | | | |
| 70 | 2255 | IMS Session Handling; stage 2 | | WG CN1 | | | | | | | | | | | | | | |
| 71 | 10004 | Main IETF dependencies | | TSG CN | | | | | | | | | | | | | | |
| 72 | 2521 | IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol) | | WG CN1 | | | | | | | | | | | | | | |
| 73 | 2523 | IETF: draft-sip-100rel | | WG CN1 | | | | | | | | | | | | | | |
| 74 | 2522 | IETF: draft-sip-manyfolks-resource (Without COMET)(Integration | | WG CN1 | | | | | | | | | | | | | | |
| 75 | 2524 | IETF: draft-ietf-sip-privacy (SIP extensions for caller identity an | | WG CN1 | | | | | | | | | | | | | | |
| 76 | 2525 | IETF: draft-ietf-sip-call-auth (SIP extensions for media authoriza | | WG CN1 | | | | | | | | | | | | | | |
| 77 | 11000 | IETF: draft-ietf-sip-events (specific event notification) | | WG CN1 | | | | | | | | | | | | | | |
| 78 | 11001 | IETF: draft-ietf-sip-refer (refer method) | | WG CN1 | | | | | | | | | | | | | | |
| 79 | 11002 | IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP servers) | | WG CN1 | | | | | | | | | | | | | | |
| 80 | 11003 | IETF: draft-ietf-sip-replaces (SIP replaces header) | | WG CN1 | | | | | | | | | | | | | | |
| 81 | 11004 | IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP and SDP) | | WG CN1 | | | | | | | | | | | | | | |
| 82 | 11005 | IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SDP) | | WG CN1 | | | | | | | | | | | | | | |
| 83 | 1290 | Addressing | | WG SA2 | | | | | | | | | | | | | | |
| 84 | 1291 | Architectural issues | | WG SA2 | | | | | | | | | | | | | | |
| 85 | 1292 | Impact on HSS | | WG CN4 | | | | | | | | | | | | | | |
| 86 | 2530 | Service Examples | | WG SA1 | | | | | | | | | | | | | | |
| 87 | 2531 | IMS Framework Report | | WG SA1 | | | | | | | | | | | | | | |

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| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 88 | 1298 | Access Security for IMS | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 89 | 33000 | SA3 task | | WG SA3 | | | | | | | | | | | | | | |
| 90 | 43000 | IMS impacts on UICC | | WG T3 | | | | | | | | | | | | | | |
| 91 | 11014 | SIP extensions for Integrity protection | | WG CN1 | | | | | | | | | | | | | | |
| 92 | 2574 | Security Aspects of Requirement for Network Configuration | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 93 | 1299 | Lawful interception | TBD | WG SA3 | | | | | | | | | | | | | | |
| 94 | 35007 | Charging and OAM&P for IMS | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 95 | 2047 | Interworking between IMS and CS networks | TBD | WG CN3 | | | | | | | | | | | | | | |
| 96 | 13002 | ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking) | | WG CN3 | | | | | | | | | | | | | | |
| 97 | 13003 | ITU-T dependency on Q.2150.3 (SCTP) | | WG CN3 | | | | | | | | | | | | | | |
| 98 | 2036 | Multimedia codecs and protocols for conversational PS ser | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 99 | 2039 | Codecs | | WG SA4 | | | | | | | | | | | | | | |
| 100 | 34020 | Transport protocols | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 101 | 2040 | performance characterisation of codec | | WG SA4 | | | | | | | | | | | | | | |
| 102 | 34006 | recommendation for QoS parameter values for various media types | | WG SA4 | | | | | | | | | | | | | | |
| 103 | 32003 | SIP message compression | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 104 | 32004 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 105 | 11015 | Compression signalling | | WG CN1 | | | | | | | | | | | | | | |
| 106 | 10001 | Stage 3 description of IMS interfaces | Rel5 | TSG CN | | | | | | | | | | | | | | |
| 107 | 1286 | Cx interface (HSS to CSCF) | | WG CN4 | | | | | | | | | | | | | | |
| 108 | 14997 | Mp interface (MRFC - MRFP) enhancements | | WG CN4 | | | | | | | | | | | | | | |
| 109 | 11016 | Mw interface (CSCF to P-CSCF) | | WG CN1 | | | | | | | | | | | | | | |
| 110 | 11018 | Mr interface (CSCF to MRF) | | WG CN1 | | | | | | | | | | | | | | |
| 111 | 14003 | Dx interface (I-CSCF to SLF) | | WG CN4 | | | | | | | | | | | | | | |
| 112 | 13001 | Go interface (GGSN to PCF) | | WG CN3 | | | | | | | | | | | | | | |
| 113 | 11019 | ISC (IMS Service Control) Interface | | WG CN1 | | | | | | | | | | | | | | |
| 114 | 14006 | Sh interface (HSS to AS) | | WG CN4 | | | | | | | | | | | | | | |
| 115 | 14998 | Si interface (HSS to IM-SSF) | | WG CN4 | | | | | | | | | | | | | | |

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| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 116 | 11020 | Gm interface (UE to CSCF) | | WG CN1 | | | | | | | | | | | | | | |
| 117 | 11027 | Mi interface (CSCF to BGCF) | | WG CN1 | | | | | | | | | | | | | | |
| 118 | 11028 | Mj interface (BGCF to MGCF) | | WG CN1 | | | | | | | | | | | | | | |
| 119 | 11029 | Mk interface (BGCF to BGCF) | | WG CN1 | | | | | | | | | | | | | | |
| 120 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e. | Rel5 | WG CN5 | | | | | | | | | | | | | | |
| 121 | 12000 | Support of CAMEL by the IMS | Rel5 | WG CN2 | | | | | | | | | | | | | | |
| 122 | 12001 | Stage2 work 'general' | | WG CN2 | | | | | | | | | | | | | | |
| 123 | 12002 | Stage3 work 'CAP' | | WG CN2 | | | | | | | | | | | | | | |
| 124 | 12003 | Stage2 work 'Si interface' | | WG CN2 | | | | | | | | | | | | | | |
| 125 | 12004 | Stage3 work 'Si interface' | | WG CN4 | | | | | | | | | | | | | | |
| 126 | 14004 | SDM issues for CAMEL control of IMS | | WG CN4 | | | | | | | | | | | | | | |
| 127 | 31002 | Pre-pay/real-time charging in IMS | TBD | WG SA1 | | | | | | | | | | | | | | |
| 128 | 35005 | Charging | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 129 | 32006 | Charging Implications of IMS architecture | | WG SA2 | | | | | | | | | | | | | | |
| 130 | 35006 | Charging management for IMS (off-line & on-line) | | WG SA5 | | | | | | | | | | | | | | |
| 131 | 10002 | Other IETF dependencies | Rel5 | TSG CN | | | | | | | | | | | | | | |
| 132 | 11011 | IETF: draft-ietf-aaa-diameter - should be CN4 | | TSG CN | | | | | | | | | | | | | | |
| 133 | 11999 | IETF: draft-johansson-aaa-diameter-mm-app - should be CN4 | | TSG CN | | | | | | | | | | | | | | |
| 134 | 1913 | Start Testing | Rel5 | MLST | | | | | | | | | | | | | | |
| 135 | 1844 | Conformance Test Aspects - Provisioning of IMS | | WG T1 | | | | | | | | | | | | | | |
| 136 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 137 | 34002 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 138 | 34003 | Stage 2 (version Rel5 of TS 26.234) | | WG SA4 | | | | | | | | | | | | | | |
| 139 | 34019 | RTP usage model | | WG SA4 | | | | | | | | | | | | | | |
| 140 | 1652 | Emergency call enhancements | Rel6 | WG CN1 | | | | | | | | | | | | | | |
| 141 | 1653 | For IP & PS based calls | Rel6 | WG CN1 | | | | | | | | | | | | | | |
| 142 | 1314 | Service Requirements for IP-based emergency calls | | WG SA1 | | | | | | | | | | | | | | |
| 143 | 1315 | SIP emergency calls and packet emergency calls signalling flows | | WG CN1 | | | | | | | | | | | | | | |

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| 144 | 1316 | Stage 2 for emergency calls and packet emergency calls in general | | WG SA2 | | | | | | | | | | | | | | | |
| 145 | 1317 | Distinction of emergency call types to different emergency services | | WG CN1 | | | | | | | | | | | | | | | |
| 146 | 1646 | Stage 3 for emergency calls and packet emergency calls in general | | WG CN1 | | | | | | | | | | | | | | | |
| 147 | 2224 | Conformance Test Aspects - Emergency call enhancements | | WG T1 | | | | | | | | | | | | | | | |
| 148 | 2225 | Testing Stage 3 for emergency calls and packet emergency calls in gene | | WG T1 | | | | | | | | | | | | | | | |
| 149 | 1517 | Global Text Telephony | Rel5 | WG SA2 | | | | | | | | | | | | | | | |
| 150 | 1634 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | | |
| 151 | 1519 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | | |
| 152 | 2234 | Specification of Cellular Text telephone Modem | | WG SA4 | | | | | | | | | | | | | | | |
| 153 | 2238 | General description and C-code | | WG SA4 | | | | | | | | | | | | | | | |
| 154 | 2237 | Minimum Performance requirements | | WG SA4 | | | | | | | | | | | | | | | |
| 155 | 1915 | Start Testing | | MLST | | | | | | | | | | | | | | | |
| 156 | 1852 | Conformance Test Aspects - Global Text telephony | | WG T1 | | | | | | | | | | | | | | | |
| 157 | 1637 | OSA enhancements for Rel-5 | NA | WG SA1 | | | | | | | | | | | | | | | |
| 158 | 32010 | General Stage 2 for Rel5 | | WG SA2 | | | | | | | | | | | | | | | |
| 159 | 1429 | OSA APIs for Multimedia Call Control | Rel5 | WG SA2 | | | | | | | | | | | | | | | |
| 160 | 1430 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | | |
| 161 | 15002 | (Multimedia) Call Control - Stages 2 and 3 | | WG CN5 | | | | | | | | | | | | | | | |
| 162 | 1433 | Retrieval of Terminal capabilities | Rel6 | WG SA2 | | | | | | | | | | | | | | | |
| 163 | 1434 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | | |
| 164 | 1436 | Stages 2 and 3 | | WG CN5 | | | | | | | | | | | | | | | |
| 165 | 2122 | Provisioning of the terminal capabilities | | WG T2 | | | | | | | | | | | | | | | |
| 166 | 15003 | Generic user interaction - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 167 | 15004 | Charging - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 168 | 15005 | Policy Management - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | |
| 169 | 15006 | Presence and Availability Management (PAM) - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | |
| 170 | 15007 | Check N5 - Call Control Service Mapping; Multiparty Call C | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 171 | 15999 | WSDL APIs for SOAP/HTTP - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |

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| 172 | 2538 | Interaction with other features | NA | WG SA1 | | | | | | | | | | | | | | |
| 173 | 2539 | Access to Presence information | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 174 | 2540 | Access to User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 175 | 2541 | Policy Management | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 176 | 1419 | OSA security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 177 | 2121 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 178 | 1421 | Stage 3 | | WG SA3 | | | | | | | | | | | | | | |
| 179 | 1422 | security related SCF(s) definition | | WG CN5 | | | | | | | | | | | | | | |
| 180 | 1423 | (possibly) changes required from supporting platforms, e.g. gsmSCF, HLF | | WG SA3 | | | | | | | | | | | | | | |
| 181 | 1621 | impact on terminal | | WG T2 | | | | | | | | | | | | | | |
| 182 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 183 | 1787 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 184 | 2124 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 185 | 1788 | Stage 3 | | WG CN5 | | | | | | | | | | | | | | |
| 186 | 1638 | CAMEL phase 4 | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 187 | 1461 | Service requirements | | WG SA1 | | | | | | | | | | | | | | |
| 188 | 2012 | Call Party Handling | | WG CN2 | | | | | | | | | | | | | | |
| 189 | 2013 | Mid call procedure for MO and MT calls | | WG CN2 | | | | | | | | | | | | | | |
| 190 | 2014 | Interactions with Optimal Routing | | WG CN2 | | | | | | | | | | | | | | |
| 191 | 2015 | Inclusion of flexible tone injection | | WG CN2 | | | | | | | | | | | | | | |
| 192 | 2016 | CSE control over MT SMS | | WG CN2 | | | | | | | | | | | | | | |
| 193 | 2460 | Notification of GPRS mobility management to CSE | | WG CN2 | | | | | | | | | | | | | | |
| 194 | 2458 | Provision of location information of called subscriber | | WG CN2 | | | | | | | | | | | | | | |
| 195 | 2514 | Inclusion of ODB data in the CSE_HLR interface | | WG CN2 | | | | | | | | | | | | | | |
| 196 | 2515 | Location information during an ongoing call (Handover DP) | | WG CN2 | | | | | | | | | | | | | | |
| 197 | 2516 | GPRS Any Time Interrogation | | WG CN2 | | | | | | | | | | | | | | |
| 198 | 2599 | Transfer of IMEI (with SW version) to CSE | | WG CN2 | | | | | | | | | | | | | | |
| 199 | 12005 | Functional Split Into Subsets | | WG CN2 | | | | | | | | | | | | | | |

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| 200 | 2464 | Rel-5 MExE enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 201 | 2465 | MExE Rel-5 Security Analysis | | WG T2 | | | | | | | | | | | | | | |
| 202 | 2466 | MExE Rel-5 Improvements and Investigations | | WG T2 | | | | | | | | | | | | | | |
| 203 | 1625 | Wideband Telephony Service - AMR | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 204 | 62 | Specification | | WG SA4 | | | | | | | | | | | | | | |
| 205 | 31005 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 206 | 32007 | Stage 2 | | WG SA4 | | | | | | | | | | | | | | |
| 207 | 1459 | Design Constraints | | WG SA4 | | | | | | | | | | | | | | |
| 208 | 1460 | General Description | | WG SA4 | | | | | | | | | | | | | | |
| 209 | 1626 | Feasibility Study | | WG SA4 | | | | | | | | | | | | | | |
| 210 | 1656 | N1 Aspects | | WG CN1 | | | | | | | | | | | | | | |
| 211 | 14005 | N4 work | | WG CN4 | | | | | | | | | | | | | | |
| 212 | 67 | Codec issues | | WG SA4 | | | | | | | | | | | | | | |
| 213 | 1627 | Codec qualification | | WG SA4 | | | | | | | | | | | | | | |
| 214 | 74 | Codec selection tests | | WG SA4 | | | | | | | | | | | | | | |
| 215 | 891 | Codec selection | | WG SA4 | | | | | | | | | | | | | | |
| 216 | 34007 | TFO AMR-WB | | WG SA4 | | | | | | | | | | | | | | |
| 217 | 890 | Other codec issues (verif., characterisation) | | WG SA4 | | | | | | | | | | | | | | |
| 218 | 34008 | AMR-WB and narrowband interworking | | WG SA4 | | | | | | | | | | | | | | |
| 219 | 34009 | Interworking with fixed broadband networks | | WG SA4 | | | | | | | | | | | | | | |
| 220 | 34010 | Tones and announcements | | WG SA4 | | | | | | | | | | | | | | |
| 221 | 34011 | WB Conferencing and WB Voice Group calls | | WG SA1 | | | | | | | | | | | | | | |
| 222 | 34012 | Billing, accounting and call detail record aspects | | WG SA5 | | | | | | | | | | | | | | |
| 223 | 1989 | Start Testing | | MLST | | | | | | | | | | | | | | |
| 224 | 1855 | Conformance tests (CRs to 34 series) | | WG T1 | | | | | | | | | | | | | | |
| 225 | 76 | Terminal Acoustic Characteristics | | WG SA4 | | | | | | | | | | | | | | |
| 226 | 1628 | Definition | | WG SA4 | | | | | | | | | | | | | | |
| 227 | 1629 | Test specification | | WG SA4 | | | | | | | | | | | | | | |

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| 228 | 34004 | Floating-point ANSI-C code for the AMR-WB speech codec | | WG SA4 | | | | | | | | | | | | | | |
| 229 | 80 | Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HI | | TSG GERAN | | | | | | | | | | | | | | |
| 230 | 50098 | Channel coding in 45.003 | | TSG GERAN | | | | | | | | | | | | | | |
| 231 | 2266 | Signalling for the A interface | | TSG GERAN | | | | | | | | | | | | | | |
| 232 | 2267 | Signalling for Iu | | TSG GERAN | | | | | | | | | | | | | | |
| 233 | 2268 | Receiver performance in TS 45.005 | | TSG GERAN | | | | | | | | | | | | | | |
| 234 | 50000 | Link Adaptation in 45.009 | | TSG GERAN | | | | | | | | | | | | | | |
| 235 | 2269 | GERAN MS conformance test for AMR-WB | | TSG GERAN | | | | | | | | | | | | | | |
| 236 | 2270 | MS test | | TSG GERAN | | | | | | | | | | | | | | |
| 237 | 2271 | GERAN BTS conformance test for AMR-WB | | TSG GERAN | | | | | | | | | | | | | | |
| 238 | 2272 | BTS test | | TSG GERAN | | | | | | | | | | | | | | |
| 239 | 1826 | Terminal interfaces | NA | WG T2 | | | | | | | | | | | | | | |
| 240 | 2573 | Terminal local model enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 241 | 1536 | Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | |
| 242 | 1600 | UE positioning | NA | TSG RAN | | | | | | | | | | | | | | |
| 243 | 2457 | UE positioning enhancements - other methods | | WG RAN2 | | | | | | | | | | | | | | |
| 244 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 245 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel'4 p | Rel6 | WG RAN2 | | | | | | | | | | | | | | |
| 246 | 2127 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 247 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Position | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 248 | 1171 | Event based and Periodic LCS | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 249 | 1641 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 250 | 1538 | Stage 2 specification | | WG SA2 | | | | | | | | | | | | | | |
| 251 | 1179 | Impact on MAP | | WG CN4 | | | | | | | | | | | | | | |
| 252 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 253 | 2437 | GERAN LCS Stage 2 (first release) | | VG GERAN2 | | | | | | | | | | | | | | |
| 254 | 2438 | Gb interface support for LCS | | TSG GERAN | | | | | | | | | | | | | | |
| 255 | 2440 | L3 protocol support for LCS | | TSG GERAN | | | | | | | | | | | | | | |

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| 256 | 2441 | Stage 3 specifications | | TSG GERAN | | | | | | | | | | | | | | |
| 257 | 2442 | Location Services for GERAN in lu Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 258 | 2443 | GERAN LCS Stage 2 | | VG GERAN2 | | | | | | | | | | | | | | |
| 259 | 2444 | lu-ps interface support for LCS | | VG GERAN2 | | | | | | | | | | | | | | |
| 260 | 2445 | lu-cs interface support for LCS | | VG GERAN2 | | | | | | | | | | | | | | |
| 261 | 2446 | lur-g interface support for LCS | | VG GERAN2 | | | | | | | | | | | | | | |
| 262 | 2447 | RRC protocol support for LCS | | VG GERAN2 | | | | | | | | | | | | | | |
| 263 | 2448 | Additional impacts on Broadcast of LCS data on packet channels | | VG GERAN2 | | | | | | | | | | | | | | |
| 264 | 2449 | Stage 3 specifications | | VG GERAN2 | | | | | | | | | | | | | | |
| 265 | 50068 | GERAN MS Conformance test for LCS | | TSG GERAN | | | | | | | | | | | | | | |
| 266 | 55069 | Develop LCS MS test case work plan (Release 98/99/4) | | MG GERAN5 | | | | | | | | | | | | | | |
| 267 | 55070 | Develop LCS MS test cases | | MG GERAN5 | | | | | | | | | | | | | | |
| 268 | 50069 | GERAN BTS Conformance test for LCS | | TSG GERAN | | | | | | | | | | | | | | |
| 269 | 55071 | Develop LCS BTS test case work plan (Release 98/99/4) | | MG GERAN5 | | | | | | | | | | | | | | |
| 270 | 55072 | Develop LCS BTS test cases | | MG GERAN5 | | | | | | | | | | | | | | |
| 271 | 32001 | Enhanced support for user privacy and subscriber data han | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 272 | 544 | LCS interoperation stage 2 aspects | | WG SA2 | | | | | | | | | | | | | | |
| 273 | 2434 | LCS interoperability aspects to GERAN | | TSG GERAN | | | | | | | | | | | | | | |
| 274 | 2435 | Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and C | | VG GERAN1 | | | | | | | | | | | | | | |
| 275 | 2450 | GERAN MS Conformance test for LCS | | MG GERAN4 | | | | | | | | | | | | | | |
| 276 | 2451 | MS test | | MG GERAN4 | | | | | | | | | | | | | | |
| 277 | 2452 | GERAN BTS Conformance test for LCS | | MG GERAN3 | | | | | | | | | | | | | | |
| 278 | 2453 | BTS test | | MG GERAN3 | | | | | | | | | | | | | | |
| 279 | 52003 | Uplink TDOA feasibility study | | MG GERAN3 | | | | | | | | | | | | | | |
| 280 | 1183 | FS on LCS support in the IMS | | WG SA1 | | | | | | | | | | | | | | |
| 281 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 282 | 521 | New security aspects of LCS (not identified) | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 283 | 32011 | Specification for the Le Interface | Rel5 | WG SA2 | | | | | | | | | | | | | | |

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| 284 | 32012 | Support of the Presence Service Architecture | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 285 | 32022 | Inter-GMLC interface | | WG SA2 | | | | | | | | | | | | | | |
| 286 | 1800 | (U)SIM toolkit enhancements | NA | WG T3 | | | | | | | | | | | | | | |
| 287 | 43002 | Test specification for (U)SIM toolkit security mechanisms | | WG T3 | | | | | | | | | | | | | | |
| 288 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 289 | 2497 | Stage 1 | | WG T3 | | | | | | | | | | | | | | |
| 290 | 2496 | Stage 2 and 3 | | WG T3 | | | | | | | | | | | | | | |
| 291 | 2518 | Test specification | | WG T3 | | | | | | | | | | | | | | |
| 292 | 1802 | UICC API | NA | WG T3 | | | | | | | | | | | | | | |
| 293 | 43001 | Java API Test specification | | WG T3 | | | | | | | | | | | | | | |
| 294 | 2031 | C SIM API | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 295 | 2032 | Specification | | WG T3 | | | | | | | | | | | | | | |
| 296 | 2033 | Test specification | | WG T3 | | | | | | | | | | | | | | |
| 297 | 1571 | Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | |
| 298 | 1583 | MAP application layer security | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 299 | 1584 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 300 | 2025 | Other stage 3 aspects | | WG CN4 | | | | | | | | | | | | | | |
| 301 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 302 | 1576 | Network domain security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 303 | 1577 | Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provide | | WG SA3 | | | | | | | | | | | | | | |
| 304 | 1578 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 305 | 1579 | Integration of GTP signalling security architecture | | WG CN4 | | | | | | | | | | | | | | |
| 306 | 1580 | User plane protection in core network (e.g., provided by IPsec) | | WG SA3 | | | | | | | | | | | | | | |
| 307 | 1581 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 308 | 1582 | Integration of GTP signalling security architecture | | WG CN4 | | | | | | | | | | | | | | |
| 309 | 2576 | IP network layer security (NDS/IP) | | WG SA3 | | | | | | | | | | | | | | |
| 310 | 2026 | Enhanced HE control of security (including positive authent | Rel6 | WG SA3 | | | | | | | | | | | | | | |
| 311 | 2027 | Stage 2 | | WG SA3 | | | | | | | | | | | | | | |

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| 312 | 2028 | FS on Network impacts | | WG CN4 | | | | | | | | | | | | | | |
| 313 | 33003 | Rel-6 MAP application layer security | Rel6 | WG SA3 | | | | | | | | | | | | | | |
| 314 | 33004 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 315 | 33005 | STAGE 3 for KEY distribution | | WG CN4 | | | | | | | | | | | | | | |
| 316 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | WG T1 | | | | | | | | | | | | | | |
| 317 | 1862 | Optimisation of Test Time, RF Aspects (FDD) | el Indep | WG T1 | | | | | | | | | | | | | | |
| 318 | 1863 | Optimisation of Test Time, RF Aspects (TDD) | el Indep | WG T1 | | | | | | | | | | | | | | |
| 319 | 1907 | Extensions to R99 Test cases | | WG T1 | | | | | | | | | | | | | | |
| 320 | 2564 | Extension to R99 Test cases - TTCN | | WG T1 | | | | | | | | | | | | | | |
| 321 | 2565 | Creation of R99 TCs for TDD - prose | | WG T1 | | | | | | | | | | | | | | |
| 322 | 2566 | Creation of R99 TCs for TDD - TTCN | | WG T1 | | | | | | | | | | | | | | |
| 323 | 1908 | Review all other work items for impact on new or exiting 34 | | WG T1 | | | | | | | | | | | | | | |
| 324 | 32021 | IMS Phase 2 | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 325 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 326 | 2048 | Interworking between IMS and IP networks | Rel6 | WG CN3 | | | | | | | | | | | | | | |
| 327 | 13004 | Interworking for 3GPP_SIP and IETF_SIP | | WG CN3 | | | | | | | | | | | | | | |
| 328 | 13005 | Interworking for IPv6 to IPv4 | | WG CN3 | | | | | | | | | | | | | | |
| 329 | 32005 | IMS Local services | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 330 | 32019 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 331 | 13011 | Mm interface (CSCF to external IP multimedia network) | Rel6 | WG CN3 | | | | | | | | | | | | | | |
| 332 | 11017 | CN1 part | | WG CN1 | | | | | | | | | | | | | | |
| 333 | 13012 | CN3 part | | WG CN3 | | | | | | | | | | | | | | |
| 334 | 13013 | Mg interface (BGCF to MGCF - interworking with CS) | Rel6 | WG CN3 | | | | | | | | | | | | | | |
| 335 | 14002 | CN1 part | | WG CN1 | | | | | | | | | | | | | | |
| 336 | 13014 | CN3 part | | WG CN3 | | | | | | | | | | | | | | |
| 337 | 14001 | Mc interface (IM-MGW to MGCF) enhancements | Rel-6 | WG CN4 | | | | | | | | | | | | | | |
| 338 | 31022 | IMS Messaging (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 339 | 31023 | TR on support of messaging in the IMS | | WG SA1 | | | | | | | | | | | | | | |

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| 340 | 31024 | CRs to existing 22-series specifications | | WG SA1 | | | | | | | | | | | | | | |
| 341 | 31025 | IMS Group Management (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 342 | 31026 | TS on IMS group management | | WG SA1 | | | | | | | | | | | | | | |
| 343 | 1365 | Support of Push Services | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 344 | 31004 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 345 | 32000 | TR on feasibility study | | WG SA2 | | | | | | | | | | | | | | |
| 346 | 42005 | Rel-6 MExE enhancements | Rel6 | WG T2 | | | | | | | | | | | | | | |
| 347 | 42006 | MExE Rel-6 Improvements and Investigations | | WG T2 | | | | | | | | | | | | | | |
| 348 | 42007 | MExE Run-Time Independent Framework Feasibility Study | | WG T2 | | | | | | | | | | | | | | |
| 349 | 1142 | Charging and OAM&P | NA | WG SA5 | | | | | | | | | | | | | | |
| 350 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 351 | 35003 | Rel5 Performance Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 352 | 35004 | Rel5 Charging Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 353 | 35001 | Network Infrastructure Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 354 | 2062 | Subscription Management | Rel6 | WG SA5 | | | | | | | | | | | | | | |
| 355 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN N | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 356 | 2244 | Overall System Architecture | | WG SA2 | | | | | | | | | | | | | | |
| 357 | 20000 | Stage 3: RAN node selecting CN node | | WG RAN3 | | | | | | | | | | | | | | |
| 358 | 2248 | N1 work | | WG CN1 | | | | | | | | | | | | | | |
| 359 | 2249 | N4 work | | WG CN4 | | | | | | | | | | | | | | |
| 360 | 50067 | GERAN work for Intra Domain Connection of RAN Nodes to | | TSG GERAN | | | | | | | | | | | | | | |
| 361 | 51068 | Stage 2 (changes to) | | WG GERAN1 | | | | | | | | | | | | | | |
| 362 | 51069 | 43.051 Introduction of support for IDNNS in GERAN lu mode | | WG GERAN1 | | | | | | | | | | | | | | |
| 363 | 52070 | Stage 3 (changes to) | | WG GERAN2 | | | | | | | | | | | | | | |
| 364 | 52077 | 48.016 Use of Gb interface concepts when a network applies IDNNS | | WG GERAN2 | | | | | | | | | | | | | | |
| 365 | 52078 | 48.018 Include MSC/VLR identity in CS IMSI paging | | WG GERAN2 | | | | | | | | | | | | | | |
| 366 | 2320 | GERAN improvements 3 (new transport layer on interface | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 367 | 2321 | Evolution of the transport for A | | TSG GERAN | | | | | | | | | | | | | | |

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| 368 | 2322 | Definition of a new A/Ater interface Transport Layer option based on the | | TSG GERAN | | | | | | | | | | | | | | |
| 369 | 2323 | Adaptation of the Layer 3 BSSMAP procedures as required | | TSG GERAN | | | | | | | | | | | | | | |
| 370 | 2330 | GERAN support for IMS | | TBD TSG GERAN | | | | | | | | | | | | | | |
| 371 | 2331 | GERAN Header adaptation | | A2;TSG RAN | | | | | | | | | | | | | | |
| 372 | 2332 | Definition of compression and removal modes for PDCP protocol | | A2;TSG RAN | | | | | | | | | | | | | | |
| 373 | 2333 | Conceptual description in stage 2 | | A2;TSG RAN | | | | | | | | | | | | | | |
| 374 | 2334 | Necessary changes on stage 3 regarding header removal | | A2;TSG RAN | | | | | | | | | | | | | | |
| 375 | 2335 | GERAN Radio access bearer design for IMS | | A2;TSG RAN | | | | | | | | | | | | | | |
| 376 | 2422 | MuM control signalling for conversational multimedia services | | A2;TSG RAN | | | | | | | | | | | | | | |
| 377 | 2431 | Identification of requirements | | A2;TSG RAN | | | | | | | | | | | | | | |
| 378 | 2337 | Necessary modifications due to SIP | | A2;TSG RAN | | | | | | | | | | | | | | |
| 379 | 2338 | Physical layer multiplexing | | TSG GERAN | | | | | | | | | | | | | | |
| 380 | 2339 | Stage 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 381 | 2432 | Stage 3 | | TSG GERAN | | | | | | | | | | | | | | |
| 382 | 2341 | GERAN MS Conformance test for support of IMS | | TSG GERAN | | | | | | | | | | | | | | |
| 383 | 2342 | MS test | | MG GERAN4 | | | | | | | | | | | | | | |
| 384 | 2343 | GERAN BTS Conformance test for support of IMS | | TSG GERAN | | | | | | | | | | | | | | |
| 385 | 2344 | BTS test | | MG GERAN3 | | | | | | | | | | | | | | |
| 386 | 2345 | Alignment of 3G functional split and lu | | TBD TSG GERAN | | | | | | | | | | | | | | |
| 387 | 2346 | GERAN user / control plane | | TSG GERAN | | | | | | | | | | | | | | |
| 388 | 2347 | Alignment with UMTS bearer concept | | TSG GERAN | | | | | | | | | | | | | | |
| 389 | 50300 | Enhanced power control | | TSG GERAN | | | | | | | | | | | | | | |
| 390 | 2423 | Stage 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 391 | 2348 | Adoption of the UTRAN PDCP | | TSG GERAN | | | | | | | | | | | | | | |
| 392 | 50043 | Development of RLC / MAC | | TSG GERAN | | | | | | | | | | | | | | |
| 393 | 50044 | Development of GERAN RRC | | TSG GERAN | | | | | | | | | | | | | | |
| 394 | 50045 | Ciphering and integrity protection concept paper | | TSG GERAN | | | | | | | | | | | | | | |
| 395 | 50046 | Multiple TBF or equivalent Concept paper | | TSG GERAN | | | | | | | | | | | | | | |

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| 396 | 50047 | Paging concept | | TSG GERAN | | | | | | | | | | | | | | |
| 397 | 50048 | Dedicated Physical subchannels, includes traffic and control channel | | TSG GERAN | | | | | | | | | | | | | | |
| 398 | 50049 | Iu support and broadcast concept | | TSG GERAN | | | | | | | | | | | | | | |
| 399 | 50050 | Impact of using RLC instead of LAPDm concept | | TSG GERAN | | | | | | | | | | | | | | |
| 400 | 50051 | Contention resolution, mobile station identity, and access concept | | TSG GERAN | | | | | | | | | | | | | | |
| 401 | 50052 | PDCP concept | | TSG GERAN | | | | | | | | | | | | | | |
| 402 | 50053 | Downlink delayed TBF release | | TSG GERAN | | | | | | | | | | | | | | |
| 403 | 50054 | Add transparent RLC Concept | | TSG GERAN | | | | | | | | | | | | | | |
| 404 | 50055 | Handover concept | | TSG GERAN | | | | | | | | | | | | | | |
| 405 | 2349 | Development of RLC / MAC | | MG GERAN2 | | | | | | | | | | | | | | |
| 406 | 2350 | Development of GERAN RRC | | MG GERAN2 | | | | | | | | | | | | | | |
| 407 | 2351 | Ciphering and integrity protection Concept paper | | MG GERAN2 | | | | | | | | | | | | | | |
| 408 | 50302 | Multiple TBF or equivalent Concept paper | | MG GERAN2 | | | | | | | | | | | | | | |
| 409 | 50303 | Paging concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 410 | 2352 | Dedicated physical subchannels. Includes traffic and control channel | | MG GERAN1 | | | | | | | | | | | | | | |
| 411 | 2353 | Iu support and broadcast concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 412 | 2354 | Impact of using RLC instead of LAPDm concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 413 | 2355 | Contention resolution, mobile station identity, and access concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 414 | 50304 | PDCP concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 415 | 50305 | Downlink delayed TBF release | | MG GERAN2 | | | | | | | | | | | | | | |
| 416 | 50306 | Add transparent RLC Concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 417 | 50307 | Handover concept | | MG GERAN2 | | | | | | | | | | | | | | |
| 418 | 2424 | Physical layer alignment with UMTS bearer concept | | TSG GERAN | | | | | | | | | | | | | | |
| 419 | 2356 | PDTCH/TCH in 45.003 | | TSG GERAN | | | | | | | | | | | | | | |
| 420 | 2357 | Control channels in 45.003 | | TSG GERAN | | | | | | | | | | | | | | |
| 421 | 2358 | Receiver performance in 45.005 for PDTCH/TCH and control channels | | TSG GERAN | | | | | | | | | | | | | | |
| 422 | 2359 | Iu rg interface | | IN;TSG RAN | | | | | | | | | | | | | | |
| 423 | 2425 | Inter BSS interface | | IN;TSG RAN | | | | | | | | | | | | | | |

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| 424 | 2360 | Identification of requirements | | TSG GERAN | | | | | | | | | | | | | | |
| 425 | 2361 | Stage 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 426 | 2362 | Adoption of relevant parts from Iur | | TSG GERAN | | | | | | | | | | | | | | |
| 427 | 2363 | Complementation with GERAN specifics | | TSG GERAN | | | | | | | | | | | | | | |
| 428 | 2364 | New stage 3 | | TSG GERAN | | | | | | | | | | | | | | |
| 429 | 2426 | Inter BSS-RNS interface | | N;TSG RAN | | | | | | | | | | | | | | |
| 430 | 2365 | Identification of requirements | | N;WG RAN3 | | | | | | | | | | | | | | |
| 431 | 2366 | Stage 2 | | N;WG RAN3 | | | | | | | | | | | | | | |
| 432 | 2367 | Adoption of relevant parts from Iur | | N;WG RAN3 | | | | | | | | | | | | | | |
| 433 | 2368 | Complementation with GERAN specifics | | N;WG RAN3 | | | | | | | | | | | | | | |
| 434 | 2369 | New stage 3 | | N;WG RAN3 | | | | | | | | | | | | | | |
| 435 | 2370 | Voice over GERAN PS and CS concept | | N;WG RAN3 | | | | | | | | | | | | | | |
| 436 | 2371 | Architecture for A, Iu cs and Iu ps | | N;WG RAN3 | | | | | | | | | | | | | | |
| 437 | 2372 | Transcoder position/operation | | TSG GERAN | | | | | | | | | | | | | | |
| 438 | 2373 | Handover | | N;WG RAN3 | | | | | | | | | | | | | | |
| 439 | 2374 | RTP payload | | N;WG RAN3 | | | | | | | | | | | | | | |
| 440 | 2375 | Codec renegotiation concept | | N;WG RAN3 | | | | | | | | | | | | | | |
| 441 | 2376 | LA | | TSG GERAN | | | | | | | | | | | | | | |
| 442 | 2377 | GERAN Narrowband speech realization | | TSG GERAN | | | | | | | | | | | | | | |
| 443 | 2427 | 8-PSK NB HR | | MG GERAN1 | | | | | | | | | | | | | | |
| 444 | 2378 | Channel coding in 45.003 | | MG GERAN1 | | | | | | | | | | | | | | |
| 445 | 2379 | Signalling for A interface | | MG GERAN1 | | | | | | | | | | | | | | |
| 446 | 2380 | Signalling for Iu | | MG GERAN1 | | | | | | | | | | | | | | |
| 447 | 2381 | Link adaptation in 45.009 | | MG GERAN1 | | | | | | | | | | | | | | |
| 448 | 2382 | Receiver performance in 45.005 | | MG GERAN1 | | | | | | | | | | | | | | |
| 449 | 2428 | 8-PSK NB QR | | TSG GERAN | | | | | | | | | | | | | | |
| 450 | 2383 | Channel coding in 45.003 | | TSG GERAN | | | | | | | | | | | | | | |
| 451 | 2384 | Signalling for A interface | | TSG GERAN | | | | | | | | | | | | | | |

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| 452 | 2385 | Signalling for lu | | TSG GERAN | | | | | | | | | | | | | | | |
| 453 | 2386 | Link adaptation in 45.009 | | TSG GERAN | | | | | | | | | | | | | | | |
| 454 | 2387 | Receiver performance in 45.005 | | TSG GERAN | | | | | | | | | | | | | | | |
| 455 | 2388 | GERAN MS Conformance test for GERAN interface evolution | | TSG GERAN | | | | | | | | | | | | | | | |
| 456 | 2389 | MS test | | TSG GERAN | | | | | | | | | | | | | | | |
| 457 | 2390 | GERAN MS Conformance test for GERAN interface evolution | | TSG GERAN | | | | | | | | | | | | | | | |
| 458 | 2391 | BSS test | | TSG GERAN | | | | | | | | | | | | | | | |
| 459 | 2392 | GERAN enhancements for streaming services 1 (RLC en | Rel5 | TSG GERAN | | | | | | | | | | | | | | | |
| 460 | 2394 | Concept | | TSG GERAN | | | | | | | | | | | | | | | |
| 461 | 2395 | RLC protocol enhancement (SDU Discard) | | TSG GERAN | | | | | | | | | | | | | | | |
| 462 | 2396 | GERAN enhancements for streaming services 2 (usage c | Rel5 | TSG GERAN | | | | | | | | | | | | | | | |
| 463 | 2398 | Usage of ECSD Concept | | TSG GERAN | | | | | | | | | | | | | | | |
| 464 | 2399 | Stage 2 | | TSG GERAN | | | | | | | | | | | | | | | |
| 465 | 2400 | Stage 3 | | TSG GERAN | | | | | | | | | | | | | | | |
| 466 | 2401 | RLC PDU formats | | TSG GERAN | | | | | | | | | | | | | | | |
| 467 | 2402 | MAC header | | TSG GERAN | | | | | | | | | | | | | | | |
| 468 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | | | |
| 469 | 2413 | Evolution of lu ps | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 470 | 2414 | Identification of GERAN requirements on lu ps | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 471 | 2415 | Update of specifications | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 472 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | | | |
| 473 | 2417 | Evolution of lu cs | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 474 | 2418 | Identification of GERAN requirements on lu cs | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 475 | 2419 | Update of specifications | | N;WG RAN3 | | | | | | | | | | | | | | | |
| 476 | 2499 | Support of Presence Capability | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 477 | 2501 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | | |
| 478 | 2502 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | | |
| 479 | 2503 | Stage 3 | | WG CN1 | | | | | | | | | | | | | | | |

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| 480 | 2504 | Security issues | | WG SA3 | | | | | | | | | | | | | | |
| 481 | 2505 | USIM issues | | WG T3 | | | | | | | | | | | | | | |
| 482 | 2506 | UE issues | | WG T2 | | | | | | | | | | | | | | |
| 483 | 31028 | Presence Service Enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 484 | 2520 | User Equipment Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 485 | 35000 | FS on User Equipment (UE) Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 486 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 487 | 32014 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 488 | 2528 | Stage 3 work for CN1 | | WG CN1 | | | | | | | | | | | | | | |
| 489 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 490 | 2557 | E2E QoS Concept and Architecture | | WG SA2 | | | | | | | | | | | | | | |
| 491 | 2558 | E2E QoS interworking | | WG CN3 | | | | | | | | | | | | | | |
| 492 | 2559 | QoS Management (Provisioning and Monitoring) | | WG SA5 | | | | | | | | | | | | | | |
| 493 | 2569 | Messaging enhancements Rel-5 | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 494 | 2571 | Multimedia Messaging (MMS) enhancements | | WG T2 | | | | | | | | | | | | | | |
| 495 | 31000 | Definition of service requirements | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 496 | 42000 | Technical realization | | WG T2 | | | | | | | | | | | | | | |
| 497 | 42008 | WAP Forum dependency: MM1 stage 3 | | WG T2 | | | | | | | | | | | | | | |
| 498 | 34018 | MMS formats and codecs | | WG SA4 | | | | | | | | | | | | | | |
| 499 | 2572 | Enhanced Messaging Service (EMS) enhancements | | WG T2 | | | | | | | | | | | | | | |
| 500 | 31001 | Definition of service requirements | | WG SA1 | | | | | | | | | | | | | | |
| 501 | 42001 | Technical realization | | WG T2 | | | | | | | | | | | | | | |
| 502 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 503 | 14501 | Modification of core network protocols for GERAN Inter BSC | | :N4;WG SA2 | | | | | | | | | | | | | | |
| 504 | 32502 | Stage 2 - Concept | | :N4;WG SA2 | | | | | | | | | | | | | | |
| 505 | 14502 | Stage 2 - 23.060 change - Definition of Inter BSC NACC | | :N4;WG SA2 | | | | | | | | | | | | | | |
| 506 | 14503 | Stage 3 (changes to TS 29.060) | | WG CN4 | | | | | | | | | | | | | | |
| 507 | 50002 | Modification of Gb protocols for GERAN Inter BSC NACC ov | | TSG GERAN | | | | | | | | | | | | | | |

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| 508 | 50003 | Stage 3 (changes to TS 48.018) | | TSG GERAN | | | | | | | | | | | | | | |
| 509 | 50033 | Enhanced Power Control | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 510 | 50034 | Realization of Enhanced power control and signaling support | | TSG GERAN | | | | | | | | | | | | | | |
| 511 | 50035 | GERAN MS Conformance test for Enhanced Power Control | | TSG GERAN | | | | | | | | | | | | | | |
| 512 | 50036 | GERAN BTS Conformance test for Enhanced Power Control | | TSG GERAN | | | | | | | | | | | | | | |
| 513 | 50037 | 8PSK AMR HR | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 514 | 50038 | Definition of channel coding, performance requirements and | | TSG GERAN | | | | | | | | | | | | | | |
| 515 | 50061 | Concept | | TSG GERAN | | | | | | | | | | | | | | |
| 516 | 52004 | Changes to 44.018 | | WG GERAN2 | | | | | | | | | | | | | | |
| 517 | 51025 | Changes to 45.001 | | WG GERAN1 | | | | | | | | | | | | | | |
| 518 | 51026 | Changes to 45.002 | | WG GERAN1 | | | | | | | | | | | | | | |
| 519 | 51027 | Changes to 45.003 | | WG GERAN1 | | | | | | | | | | | | | | |
| 520 | 51028 | Changes to 45.005 | | WG GERAN1 | | | | | | | | | | | | | | |
| 521 | 52005 | Changes to 24.008 | | WG GERAN2 | | | | | | | | | | | | | | |
| 522 | 52006 | Changes to 48.058 | | WG GERAN2 | | | | | | | | | | | | | | |
| 523 | 50039 | GERAN MS Conformance test for 8PSK HR | | TSG GERAN | | | | | | | | | | | | | | |
| 524 | 50040 | GERAN BTS Conformance test for 8PSK HR | | TSG GERAN | | | | | | | | | | | | | | |
| 525 | 50056 | Enhanced A/Gb feasibility study | TBD | TSG GERAN | | | | | | | | | | | | | | |
| 526 | 50057 | Performing a feasibility study on A/Gb enhancements | | WG GERAN2 | | | | | | | | | | | | | | |
| 527 | 50058 | Multiple TBF in A/Gb mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 528 | 50059 | Multiple TBF in A/Gb mode | | TSG GERAN | | | | | | | | | | | | | | |
| 529 | 50060 | Multiple TBF Concept paper | | TSG GERAN | | | | | | | | | | | | | | |
| 530 | 51001 | Multiple TBF Stage 2 (43.064) CRs | | WG GERAN1 | | | | | | | | | | | | | | |
| 531 | 50062 | Multiple TBF Stage 2 (44.060) CRs | | WG GERAN2 | | | | | | | | | | | | | | |
| 532 | 50063 | Flexible Layer One for GERAN | TBD | TSG GERAN | | | | | | | | | | | | | | |
| 533 | 50064 | Realisation of a Flexible Layer One | | TSG GERAN | | | | | | | | | | | | | | |
| 534 | 50065 | Concept Document | | TSG GERAN | | | | | | | | | | | | | | |
| 535 | 51002 | Architecture in 45.001 and 43.051 | | WG GERAN1 | | | | | | | | | | | | | | |

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| 536 | 51003 | Multiplexing in 45.002 | | WG GERAN1 | | | | | | | | | | | | | | |
| 537 | 51004 | Channel Coding in 45.003 | | WG GERAN1 | | | | | | | | | | | | | | |
| 538 | 51005 | Performance Requirements in 45.005 | | WG GERAN1 | | | | | | | | | | | | | | |
| 539 | 51006 | Radio subsystem link control in 45.008 | | WG GERAN1 | | | | | | | | | | | | | | |
| 540 | 52071 | Requirements in 44.004 | | WG GERAN2 | | | | | | | | | | | | | | |
| 541 | 52072 | Signalling and protocol support for a Flexible Layer One | | WG GERAN2 | | | | | | | | | | | | | | |
| 542 | 52073 | Modifications to RLC/MAC in 44.060 and 44.160 | | WG GERAN2 | | | | | | | | | | | | | | |
| 543 | 52074 | Modifications to RRC in 44.118 and 44.018 | | WG GERAN2 | | | | | | | | | | | | | | |
| 544 | 52075 | Security for a Flexible Layer One | | WG GERAN2 | | | | | | | | | | | | | | |
| 545 | 52076 | Ciphering in 44.160,44.118, 44.060 and 44.018 | | WG GERAN2 | | | | | | | | | | | | | | |
| 546 | 55077 | GERAN MS Conformance test for the Flexible Layer One | | WG GERAN5 | | | | | | | | | | | | | | |
| 547 | 55078 | MS Test in 51.010 | | WG GERAN5 | | | | | | | | | | | | | | |
| 548 | 55079 | GERAN BTS Conformance test for the Flexible Layer One | | WG GERAN5 | | | | | | | | | | | | | | |
| 549 | 55080 | BTS Test in 51.021 | | WG GERAN5 | | | | | | | | | | | | | | |
| 550 | 50041 | Uplink TDOA feasibility study | Rel6 | TSG GERAN | | | | | | | | | | | | | | |
| 551 | 13000 | Service Change and UDI Fallback | Rel5 | WG CN3 | | | | | | | | | | | | | | |
| 552 | 30001 | small Technical Enhancements and Improvements for R | Rel5 | Generic | | | | | | | | | | | | | | |
| 553 | 35009 | Trace Management | Rel6 | WG SA5 | | | | | | | | | | | | | | |
| 554 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 555 | 2545 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 556 | 32002 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 557 | 2481 | Enhancement of Broadcast and Introduction of Multicast Ca | | WG RAN2 | | | | | | | | | | | | | | |
| 558 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 559 | 31007 | Speech Enabled Services Based on Distributed Speech Rec | | WG SA1 | | | | | | | | | | | | | | |
| 560 | 32999 | Stage 2 of DSR | | WG SA2 | | | | | | | | | | | | | | |
| 561 | 11021 | SDP protocols extension to include DSR | | WG CN1 | | | | | | | | | | | | | | |
| 562 | 31008 | Generic User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 563 | 31009 | Stage 1 - Requirements | | WG SA1 | | | | | | | | | | | | | | |

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| 564 | 42002 | Stage 2 - Data description framework | | WG T2 | | | | | | | | | | | | | | | |
| 565 | 32008 | Stage 2 - Architecture | | WG SA2 | | | | | | | | | | | | | | | |
| 566 | 42003 | Stage 3 - Common objects | | WG T2 | | | | | | | | | | | | | | | |
| 567 | 14008 | Stage 3 - Network | | WG CN4 | | | | | | | | | | | | | | | |
| 568 | 31010 | Digital Rights Management | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 569 | 31011 | Requirements | | WG SA1 | | | | | | | | | | | | | | | |
| 570 | 32009 | Architecture | | WG SA2 | | | | | | | | | | | | | | | |
| 571 | 33001 | Security | | WG SA3 | | | | | | | | | | | | | | | |
| 572 | 34017 | Codec Aspects | | WG SA4 | | | | | | | | | | | | | | | |
| 573 | 42004 | Terminal Aspects | | WG T2 | | | | | | | | | | | | | | | |
| 574 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 575 | 31020 | Technical Report | | WG SA1 | | | | | | | | | | | | | | | |
| 576 | 32018 | WLAN Interworking – Architecture Definition | | WG SA2 | | | | | | | | | | | | | | | |
| 577 | 31015 | Priority Service | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 578 | 31016 | Feasibility Study | | WG SA1 | | | | | | | | | | | | | | | |
| 579 | 31017 | Stage 1 - Requirements | | WG SA1 | | | | | | | | | | | | | | | |
| 580 | 31018 | Network Sharing | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 581 | 31019 | Technical Report | | WG SA1 | | | | | | | | | | | | | | | |
| 582 | 31013 | UE Functionality Split | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 583 | 31021 | Technical Report | Rel5 | WG SA1 | | | | | | | | | | | | | | | |
| 584 | 32013 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | | |
| 585 | 32016 | QoS Improvements | NA | WG SA2 | | | | | | | | | | | | | | | |
| 586 | 32017 | Dynamic Policy control enhancements for end-to-end QoS | Rel6 | WG SA2 | | | | | | | | | | | | | | | |
| 587 | 33002 | Support for subscriber certificates | Rel6 | WG SA3 | | | | | | | | | | | | | | | |
| 588 | 15010 | Rel-6 OSA enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 589 | 15011 | Support of a Generic Network Interface Function (Stage 1&3) | | WG CN5 | | | | | | | | | | | | | | | |
| 590 | 15012 | Local services (Stage 1&3) | | WG CN5 | | | | | | | | | | | | | | | |
| 591 | 15013 | Support for MMS Relay/Server to VASP Connectivity (Stage 1&3) | | WG CN5 | | | | | | | | | | | | | | | |

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| 592 | 15014 | Support for the Push-Service (Stage 1&3) | | WG CN5 | | | | | | | | | | | | | | |
| 593 | 15015 | Enhanced User Notification (Stage 1&3) | | WG CN5 | | | | | | | | | | | | | | |
| 594 | 15016 | Support for GUP to enable applications access to the Users | | WG CN5 | | | | | | | | | | | | | | |
| 595 | 15017 | Security | | WG SA3 | | | | | | | | | | | | | | |
| 596 | 23004 | Shared Network support in connected Mode | Rel6 | WG RAN3 | | | | | | | | | | | | | | |
| 597 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | | | | | | | | | | | | | | |
| 598 | 1340 | Facsimile | Rel4 | WG SA1 | | | | | | | | | | | | | | |
| 599 | 1341 | Real Time Fax | | WG SA2 | | | | | | | | | | | | | | |
| 600 | 1808 | Terminal capabilities, AT commands | | WG T2 | | | | | | | | | | | | | | |
| 601 | 1343 | Signalling aspects (e.g. ICM) | | WG CN1 | | | | | | | | | | | | | | |
| 602 | 1648 | Service provision | | WG CN3 | | | | | | | | | | | | | | |
| 603 | 1345 | Review whether service/stage 1 aspects need to be aligned | | WG SA1 | | | | | | | | | | | | | | |
| 604 | 1346 | Review whether architecture/stage 2 aspects need to be aligned | | WG SA2 | | | | | | | | | | | | | | |
| 605 | 1539 | Transparent End-to-End PS mobile streaming applicator | Rel4 | WG SA4 | | | | | | | | | | | | | | |
| 606 | 1818 | Multimedia Messaging | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 607 | 136 | Definition of service requirements | | WG SA1 | | | | | | | | | | | | | | |
| 608 | 1819 | Review of definition of service requirements | | WG T2 | | | | | | | | | | | | | | |
| 609 | 1820 | Technical Realisation | | WG T2 | | | | | | | | | | | | | | |
| 610 | 1821 | Review of definition of reference Achitecture model | | WG T2 | | | | | | | | | | | | | | |
| 611 | 1822 | "Fulfill Requirements of Stage 1" | | WG T2 | | | | | | | | | | | | | | |
| 612 | 1823 | Definition of MMS primitives in Stage 2 | | WG T2 | | | | | | | | | | | | | | |
| 613 | 1541 | Transcoder-Free Operation | Rel4 | WG CN4 | | | | | | | | | | | | | | |
| 614 | 112 | OoBTC solution | | WG CN4 | | | | | | | | | | | | | | |
| 615 | 1512 | implementation in UTRAN | | WG RAN3 | | | | | | | | | | | | | | |
| 616 | 896 | Impact on architecture, Principles and Terminology | | WG SA2 | | | | | | | | | | | | | | |
| 617 | 1657 | Codec Negotiation between UE and MSC | | WG CN1 | | | | | | | | | | | | | | |
| 618 | 115 | Codec Negotiation inter MSC | | WG CN4 | | | | | | | | | | | | | | |
| 619 | 894 | Bearer establishment inter MSC | | WG CN4 | | | | | | | | | | | | | | |

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| 620 | 1617 | Prevention of user fraud | | WG SA3 | | | | | | | | | | | | | | |
| 621 | 905 | Speech Transcoder: Location and Control at the UMTS Core | | WG SA2 | | | | | | | | | | | | | | |
| 622 | 124 | Transcoder at Edge | | TSG CN | | | | | | | | | | | | | | |
| 623 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 624 | 2311 | Gb over IP (Ip-fication of Gb) | | TSG GERAN | | | | | | | | | | | | | | |
| 625 | 2312 | Concept | | TSG GERAN | | | | | | | | | | | | | | |
| 626 | 2313 | Changes to 08.16, 08.18 | | TSG GERAN | | | | | | | | | | | | | | |
| 627 | 2314 | GERAN improvements 2 (NACC) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 628 | 2315 | Gb enhancements | | TSG GERAN | | | | | | | | | | | | | | |
| 629 | 2316 | Intra BSC NACC (Network Assisted Cell Change) | | TSG GERAN | | | | | | | | | | | | | | |
| 630 | 2420 | Concept | | TSG GERAN | | | | | | | | | | | | | | |
| 631 | 2317 | Changes in 03.64 | | TSG GERAN | | | | | | | | | | | | | | |
| 632 | 2318 | Changes in 04.60 | | TSG GERAN | | | | | | | | | | | | | | |
| 633 | 2319 | Changes in 44.008 | | TSG GERAN | | | | | | | | | | | | | | |
| 634 | 0 | Start Testing | | | | | | | | | | | | | | | | |
| 635 | 50030 | MS conformance test for Intra BSC NACC | | TSG GERAN | | | | | | | | | | | | | | |
| 636 | 50099 | Changes in 51.010 | | TSG GERAN | | | | | | | | | | | | | | |
| 637 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 638 | 2325 | Gb enhancements 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 639 | 2429 | stage 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 640 | 2421 | Stage 3 (changes in 44.060) | | MG GERAN2 | | | | | | | | | | | | | | |
| 641 | 2327 | Definition of enhanced countdown procedure | | MG GERAN2 | | | | | | | | | | | | | | |
| 642 | 2328 | Definition of enhanced TBF release procedure | | MG GERAN2 | | | | | | | | | | | | | | |
| 643 | 2329 | Definition of USF=FREE type polling mechanism on PDCH | | MG GERAN2 | | | | | | | | | | | | | | |
| 644 | 1222 | Low Chip Rate TDD option | Rel4 | WG RAN1 | | | | | | | | | | | | | | |
| 645 | 1223 | Physical layer | | WG RAN1 | | | | | | | | | | | | | | |
| 646 | 1224 | Layer 2 and layer 3 protocol aspects | | WG RAN2 | | | | | | | | | | | | | | |
| 647 | 1225 | RF radio transmission/reception, system performance requi | | WG RAN4 | | | | | | | | | | | | | | |

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| 648 | 1227 | UE radio access capability | | WG RAN2 | | | | | | | | | | | | | | |
| 649 | 1228 | Iub/Iur protocol aspects | | WG RAN3 | | | | | | | | | | | | | | |
| 650 | 2262 | Low chiprate TDD interworking with GERAN | | | | | | | | | | | | | | | | |
| 651 | 2263 | Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD | | | | | | | | | | | | | | | | |
| 652 | 1911 | Start Testing | | MLST | | | | | | | | | | | | | | |
| 653 | 2103 | Conformance Test Aspects - Low Chip Rate TDD | | WG T1 | | | | | | | | | | | | | | |
| 654 | 2217 | Testing Layer 2 and layer 3 protocol aspects | | WG T1 | | | | | | | | | | | | | | |
| 655 | 2562 | Testing Layer 2 and layer 3 protocol aspects - TTCN | | WG T1 | | | | | | | | | | | | | | |
| 656 | 2218 | Testing RF Radio Transmission and Reception | | WG T1 | | | | | | | | | | | | | | |
| 657 | 1322 | Enable bearer independent CS architecture | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 658 | 1323 | Enable bearer-independent call control | | WG CN4 | | | | | | | | | | | | | | |
| 659 | 1516 | Architecture and Stage 2 description | | WG SA2 | | | | | | | | | | | | | | |
| 660 | 1325 | Standardisation of protocols (control & user planes) over Nb interface | | WG CN3 | | | | | | | | | | | | | | |
| 661 | 1326 | Standardisation of protocols over reference points between MSC server | | WG CN4 | | | | | | | | | | | | | | |
| 662 | 1616 | Standardisation of detailed stage 2 description | | WG CN4 | | | | | | | | | | | | | | |
| 663 | 1327 | Bearer control between MSC server and MGW | | WG CN4 | | | | | | | | | | | | | | |
| 664 | 1328 | stage 3 - protocol issues | | WG CN4 | | | | | | | | | | | | | | |
| 665 | 1329 | stage 3 - parameter value issues | | WG CN3 | | | | | | | | | | | | | | |
| 666 | 1331 | Lawful interception | | WG SA3 | | | | | | | | | | | | | | |
| 667 | 1918 | Start Testing | | MLST | | | | | | | | | | | | | | |
| 668 | 2052 | Conformance Test Aspects - Enable bearer independent CS | | WG T1 | | | | | | | | | | | | | | |
| 669 | 1445 | MExE enhancements Rel-4 | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 670 | 1447 | MExE Security Analysis Activity | | WG SA3 | | | | | | | | | | | | | | |
| 671 | 2045 | Stage 3 | | WG SA3 | | | | | | | | | | | | | | |
| 672 | 1448 | Terminal aspects | | WG T2 | | | | | | | | | | | | | | |
| 673 | 1810 | MExE Rel4 Improvements and Investigations | | WG T2 | | | | | | | | | | | | | | |
| 674 | 1812 | 3rd MExE classmark | | WG T2 | | | | | | | | | | | | | | |
| 675 | 1814 | FS on Secure download mechanism and capabilities to support SDR con | | WG T2 | | | | | | | | | | | | | | |

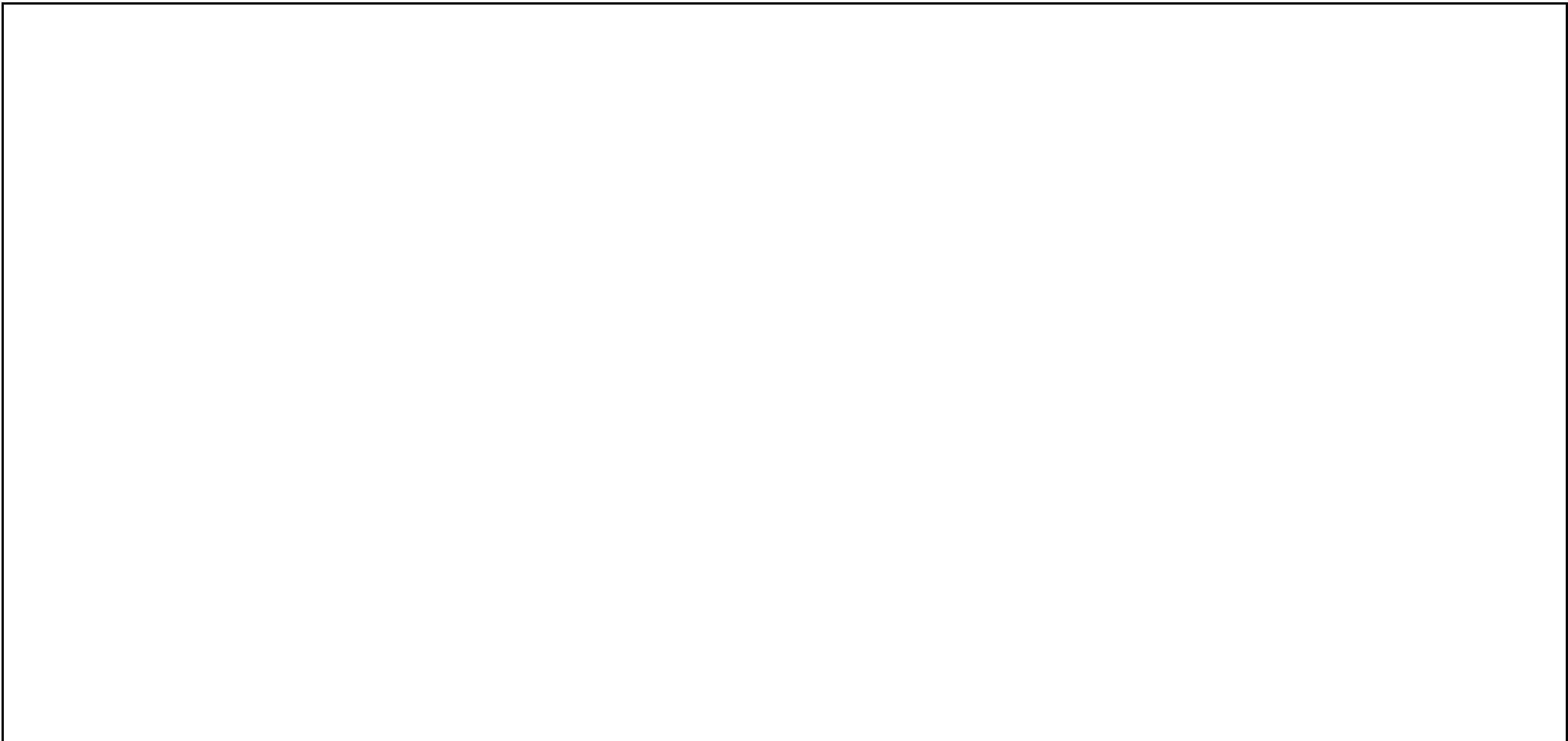
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| 676 | 1815 | FS on Support of MP3/MPEG4 content | | WG T2 | | | | | | | | | | | | | | |
| 677 | 41003 | Conformance testing of MExE capability (Feasibility study) | Rel4 | WG T1 | | | | | | | | | | | | | | |
| 678 | 1631 | Tandem Free aspects for 3G and between 2G and 3G sys | Rel4 | WG SA4 | | | | | | | | | | | | | | |
| 679 | 1632 | Tandem Free AMR | | WG SA4 | | | | | | | | | | | | | | |
| 680 | 130 | Specification | | WG SA4 | | | | | | | | | | | | | | |
| 681 | 907 | Impact on: | | TSG CN | | | | | | | | | | | | | | |
| 682 | 131 | CN | | TSG CN | | | | | | | | | | | | | | |
| 683 | 132 | GERAN | | TSG GERAN | | | | | | | | | | | | | | |
| 684 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | WG CN1 | | | | | | | | | | | | | | |
| 685 | 2232 | Stage 2 | | WG CN4 | | | | | | | | | | | | | | |
| 686 | 2231 | Stages 2 and 3 on A interface | | WG CN1 | | | | | | | | | | | | | | |
| 687 | 2403 | 700 MHz spectrum support | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 688 | 2404 | GERAN support for the 700 MHz band | | TSG GERAN | | | | | | | | | | | | | | |
| 689 | 2405 | Signalling support | | TSG GERAN | | | | | | | | | | | | | | |
| 690 | 2406 | Physical layer definitions | | TSG GERAN | | | | | | | | | | | | | | |
| 691 | 2407 | Receiver performance and RF budget | | TSG GERAN | | | | | | | | | | | | | | |
| 692 | 2408 | GERAN MS Conformance test for 700 MHz band | | TSG GERAN | | | | | | | | | | | | | | |
| 693 | 2409 | MS test | | TSG GERAN | | | | | | | | | | | | | | |
| 694 | 2410 | GERAN BTS Conformance test for 700 MHz band | | TSG GERAN | | | | | | | | | | | | | | |
| 695 | 2411 | BTS test | | TSG GERAN | | | | | | | | | | | | | | |
| 696 | 2463 | Operator Determined Barring for Packet Oriented Servi | Rel4 | TSG CN | | | | | | | | | | | | | | |
| 697 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 698 | 2548 | Architecture | | WG SA2 | | | | | | | | | | | | | | |
| 699 | 2550 | Charging and OAM&P for QoS Management | | WG SA5 | | | | | | | | | | | | | | |
| 700 | 1681 | RAB Quality of Service (re)Negotiation over Iu | | WG RAN3 | | | | | | | | | | | | | | |
| 701 | 1991 | RAB Quality of Service Negotiation over Iu | | WG RAN3 | | | | | | | | | | | | | | |
| 702 | 2456 | RAB Quality of Service Negotiation over Iu during relocation | | WG RAN3 | | | | | | | | | | | | | | |
| 703 | 1992 | RAB Quality of Service Re-Negotiation over Iu | | WG RAN3 | | | | | | | | | | | | | | |

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| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| 704 | 1553 | GERAN QoS Aspects - Handovers: maintenance of real-time | | TSG GERAN | | | | | | | | | | | | | | |
| 705 | 2306 | Handover Concept for the PS domain | | TSG GERAN | | | | | | | | | | | | | | |
| 706 | 2309 | Stable RT handover report 25.936 including header removal | | TSG GERAN | | | | | | | | | | | | | | |
| 707 | 2307 | Update of stage 2 | | TSG GERAN | | | | | | | | | | | | | | |
| 708 | 2308 | Update of relevant stage 3 specs -> RRC | | WG GERAN2 | | | | | | | | | | | | | | |
| 709 | 50010 | GERAN MS Conformance test for inter-system and intra-sys | | :RAN4;RAN3 | | | | | | | | | | | | | | |
| 710 | 50011 | Handover for the PS domain | | :RAN4;RAN3 | | | | | | | | | | | | | | |
| 711 | 50012 | Stable RT handover report 25.936 including header removal | | :RAN4;RAN3 | | | | | | | | | | | | | | |
| 712 | 50013 | Update of stage 2 | | :RAN4;RAN3 | | | | | | | | | | | | | | |
| 713 | 50014 | Update of relevant stage 3 specs | | :RAN4;RAN3 | | | | | | | | | | | | | | |
| 714 | 1685 | PS-domain handover for real-time services | | WG RAN3 | | | | | | | | | | | | | | |
| 715 | 2554 | RAB QoS Renegotiation at Relocation | | WG RAN3 | | | | | | | | | | | | | | |
| 716 | 1993 | small Technical Enhancements and Improvements for Rel-4 | Rel4 | Generic | | | | | | | | | | | | | | |
| 717 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | TSG RAN | | | | | | | | | | | | | | |
| 718 | 12 | QoS optimisation for AAL2 connections over lub and lur int | Rel4 | WG RAN3 | | | | | | | | | | | | | | |
| 719 | 1995 | Transport bearer modification procedure on lub, lur, and lu | Rel4 | WG RAN3 | | | | | | | | | | | | | | |
| 720 | 401834 | Conformance Test Aspects of Rel-4 evolutions of the transpo | | WG T1 | | | | | | | | | | | | | | |
| 721 | 2208 | Testing RAB support enhancements | | WG T1 | | | | | | | | | | | | | | |
| 722 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | WG CN4 | | | | | | | | | | | | | | |
| 723 | 859 | IP Transport of CN protocols (e.g., CAP, MAP) | Rel4 | WG CN4 | | | | | | | | | | | | | | |
| 724 | 1679 | Stage 3 | | WG CN4 | | | | | | | | | | | | | | |
| 725 | 2018 | CAP | | WG CN2 | | | | | | | | | | | | | | |
| 726 | 2019 | MAP | | WG CN4 | | | | | | | | | | | | | | |
| 727 | 2253 | BSSAP+ | | WG CN1 | | | | | | | | | | | | | | |
| 728 | 1513 | FS on Transport and control separation in the PS CN doma | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 729 | 1615 | Architectural impacts | | WG SA2 | | | | | | | | | | | | | | |
| 730 | 401216 | Rel-4 Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | | |
| 731 | 1509 | UTRA repeater specification (master) | Rel4 | WG RAN4 | | | | | | | | | | | | | | |

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| 732 | 1994 | DSCH power control improvement in soft handover | Rel4 | WG RAN1 | | | | | | | | | | | | | | |
| 733 | 1996 | UMTS 1800 | el indep | WG RAN4 | | | | | | | | | | | | | | |
| 734 | 2467 | UMTS 1900 | el indep | WG RAN4 | | | | | | | | | | | | | | |
| 735 | 1219 | FS on High Speed downlink packet access | | WG RAN2 | | | | | | | | | | | | | | |
| 736 | 1510 | FS on improved common DL channel for Cell-FACH state | | WG RAN2 | | | | | | | | | | | | | | |
| 737 | 401839 | Conformance Test Spec. Rel-4 improvements in Radio Inter | | WG T1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 738 | 2212 | Testing Improved usage of downlink resource in FDD for CCTrCHs of dec | | WG T1 | [Timeline bar from Feb 2002 to Sep 2002] | | | | | | | | | | | | | |
| 739 | 2213 | Testing Terminal Power saving features | | WG T1 | [Timeline bar from Feb 2002 to Sep 2002] | | | | | | | | | | | | | |
| 740 | 2214 | Testing DSCH power control improvement in soft handover | Rel4 | WG T1 | [Timeline bar from Feb 2002 to Sep 2002] | | | | | | | | | | | | | |
| 741 | 2215 | Testing UMTS 1800 | el indep | WG T1 | [Timeline bar from Feb 2002 to Jun 2002] | | | | | | | | | | | | | |
| 742 | 41000 | Testing UMTS 1900 | el indep | WG T1 | [Timeline bar from Feb 2002 to Jun 2002] | | | | | | | | | | | | | |
| 743 | 2561 | Testing UMTS 1800 - TTCN | el indep | WG T1 | [Timeline bar from Jul 2002 to Mar 2003] | | | | | | | | | | | | | |
| 744 | 41001 | Testing UMTS 1900 - TTCN | el indep | WG T1 | [Timeline bar from Jul 2002 to Mar 2003] | | | | | | | | | | | | | |
| 745 | 400009 | Rel-4 RAN improvements | NA | TSG RAN | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 746 | 655 | Node B synchronisation for TDD | Rel4 | WG RAN1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 747 | 2206 | RAB support enhancement for Rel-4 | Rel4 | WG RAN2 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 748 | 401912 | Start Testing | | MLST | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 749 | 402102 | Conformance Test Aspects - Rel-4 RAN Improvements | | WG T1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 750 | 402222 | Testing Radio access bearer support enhancements | | WG T1 | [Timeline bar from Feb 2002 to Sep 2002] | | | | | | | | | | | | | |
| 751 | 402461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | WG T1 | [Timeline bar from Apr 2002 to Mar 2003] | | | | | | | | | | | | | |
| 752 | 401652 | Rel-4 Emergency call enhancements | NA | WG CN1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 753 | 1654 | For CS based calls | Rel4 | WG CN1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 754 | 1320 | Distinction in CS domain of emergency call types to different emergency | | WG SA1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 755 | 1999 | Distinction in CS domain of emergency calls to different emergency types | | WG CN1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 756 | 402224 | Conformance Test Aspects - Emergency call enhancements | | WG T1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 757 | 2226 | Testing CS based emergency calls | | WG T1 | [Timeline bar from Feb 2002 to Jun 2002] | | | | | | | | | | | | | |
| 758 | 2563 | Testing CS based emergency calls - TTCN | | WG T1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |
| 759 | 401637 | Rel-4 OSA enhancements | NA | WG SA1 | [Timeline bar from Feb 2002 to Mar 2003] | | | | | | | | | | | | | |

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| 760 | 2120 | General Stage 2 for Rel4 | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 761 | 401424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 762 | 1425 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 763 | 1529 | Stages 2 and 3 | | WG CN5 | | | | | | | | | | | | | | |
| 764 | 401786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 765 | 401787 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 766 | 402124 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 767 | 401788 | Stage 3 | | WG CN5 | | | | | | | | | | | | | | |
| 768 | 401826 | Rel-4 Terminal interfaces | NA | WG T2 | | | | | | | | | | | | | | |
| 769 | 1827 | AT commands enhancements | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 770 | 1828 | Specification of AT commands for new services | | WG T2 | | | | | | | | | | | | | | |
| 771 | 1858 | UE Conformance test spec. AT command | | WG T1 | | | | | | | | | | | | | | |
| 772 | 1829 | Wide Area Data Synchronisation | NA | WG T2 | | | | | | | | | | | | | | |
| 773 | 1830 | Continues evolution of Synchronisation protocol | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 774 | 1832 | Terminal local model | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 775 | 401536 | Rel-4 Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | |
| 776 | 2229 | CBS interactions | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 777 | 523 | LCS support in the CS domain | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 778 | 525 | LCS support in the PS domain | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 779 | 1642 | Stage 1 | | WG SA1 | | | | | | | | | | | | | | |
| 780 | 1181 | Stage 2 | | WG SA2 | | | | | | | | | | | | | | |
| 781 | 1180 | Stage 3 | | WG CN1 | | | | | | | | | | | | | | |
| 782 | 526 | Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and and GSM-GPR | | WG CN1 | | | | | | | | | | | | | | |
| 783 | 2462 | MAP impacts of LCS | | WG CN4 | | | | | | | | | | | | | | |
| 784 | 527 | GTP signaling for LCS | | WG CN4 | | | | | | | | | | | | | | |
| 785 | 401600 | UE positioning Rel-4 | NA | TSG RAN | | | | | | | | | | | | | | |
| 786 | 1601 | Iub/Iur interfaces for methods Rel 99 | Rel4 | WG RAN3 | | | | | | | | | | | | | | |
| 787 | 1602 | UE positioning enhancements - IPDL for TDD | Rel4 | WG RAN2 | | | | | | | | | | | | | | |

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| 788 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | WG T3 | | | | | | | | | | | | | | |
| 789 | 1799 | Common PCN Handset Specification (CPHS) | Rel4 | WG T3 | | | | | | | | | | | | | | |
| 790 | 401800 | Rel-4 (U)SIM toolkit enhancements | NA | WG T3 | | | | | | | | | | | | | | |
| 791 | 2034 | USAT local link | Rel4 | WG T3 | | | | | | | | | | | | | | |
| 792 | 401571 | Rel-4 Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | |
| 793 | 1587 | Evolution of GSM CS algorithms (e.g. A5/3 development an | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 794 | 1588 | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 795 | 1589 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 796 | 1618 | Impact on GTP | | WG CN4 | | | | | | | | | | | | | | |
| 797 | 1661 | GEA capability indication in MS CM | | WG CN1 | | | | | | | | | | | | | | |
| 798 | 401583 | MAP application layer security | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 799 | 401584 | Main aspects | | WG SA3 | | | | | | | | | | | | | | |
| 800 | 402025 | Other stage 3 aspects | | WG CN4 | | | | | | | | | | | | | | |
| 801 | 401594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 802 | 401142 | Rel-4 Charging and OAM&P | NA | WG SA5 | | | | | | | | | | | | | | |
| 803 | 2089 | Rel4 Principles, high level Requirements and Architecture | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 804 | 2088 | Rel4 Performance Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 805 | 2081 | Fault Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 806 | 2082 | Configuration Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 807 | 2083 | Rel4 Charging Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 808 | 2071 | UTRAN Operations and Maintenance procedures | Rel4 | WG SA5 | | | | | | | | | | | | | | |



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|---|-------------------|--|-----------------------------|--|------------------------------|--|
| Project: 3GPP_Work Plan Date: Tue 04/06/02 | 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 | | | |

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| 1 | 2044 | VERSION 2002 June 4th | 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 | NA | TSG RAN | | | | | | | | | | | | | | |
| 7 | 625 | IP transport in the UTRAN | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 8 | 4 | Evolutions of the transport in the CN | NA | WG CN4 | | | | | | | | | | | | | | |
| 9 | 2455 | FS on Usage of SUA | Rel5 | WG CN4 | | | | | | | | | | | | | | |
| 10 | 2476 | High Speed Downlink Packet Access | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 15 | 1216 | Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | | |
| 16 | 1470 | Improvement of inter-frequency and inter-system measure | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 17 | 1471 | Base station classification | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 24 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | WG RAN1 | | | | | | | | | | | | | | |
| 25 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 26 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 27 | 1506 | FS on Radio link performance enhancements | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 28 | 1221 | FS on USTS | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 29 | 1997 | FS on UE antenna efficiency test method performance requi | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 30 | 2494 | FS on the re-introduction of the downlink SIR measuremen | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 31 | 24001 | FS on UTRA WideBand Distribution Systems | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 32 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | WG RAN4 | | | | | | | | | | | | | | |
| 33 | 24003 | FS for the viable deployment of UTRA in additional and div | Rel6 | WG RAN4 | | | | | | | | | | | | | | |
| 34 | 24004 | Improving Receiver Performance Requirements for the FDD | Rel6 | WG RAN4 | | | | | | | | | | | | | | |
| 35 | 24005 | FS on UE antenna efficiency test methods performance req | Rel6 | WG RAN4 | | | | | | | | | | | | | | |
| 36 | 21000 | FS on Improvement of inter-frequency and inter-system me | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 37 | 1839 | Conformance Test Spec. improvements in Radio Interface | | WG T1 | | | | | | | | | | | | | | |
| 38 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | WG T1 | | | | | | | | | | | | | | |
| 39 | 2211 | Testing Hybrid ARQ II/III | Rel5 | WG T1 | | | | | | | | | | | | | | |
| 40 | 9 | RAN improvements | NA | TSG RAN | | | | | | | | | | | | | | |

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| 41 | 656 | RRM optimization for lur and lub | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 45 | 2488 | RL Timing Adjustment | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 46 | 2489 | Separation of resource reservation and radio link activation | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 47 | 2490 | Improvement of Radio Resource Management across RNS | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 48 | 2491 | Re-arrangements of lub transport bearers | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 49 | 23003 | SRNS Relocation Procedure Enhancement | Rel5 | WG RAN3 | | | | | | | | | | | | | | |
| 51 | 22000 | RAB support enhancement for Rel-5 | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 52 | 1680 | Header compression removal/stripping in the RAN | Rel5 | TSG RAN | | | | | | | | | | | | | | |
| 53 | 1686 | Unequal error protection in PS domain in the RAN | Rel5 | TSG RAN | | | | | | | | | | | | | | |
| 54 | 21001 | Beamforming requirements for UE | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 55 | 20999 | Beamforming Enhancements | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 56 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 57 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | WG RAN1 | | | | | | | | | | | | | | |
| 58 | 23005 | Improvement of RRM across RNS and RNS/BSS | Rel6 | WG RAN3 | | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | WG SA1 | | | | | | | | | | | | | | |
| 63 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 88 | 1298 | Access Security for IMS | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 92 | 2574 | Security Aspects of Requirement for Network Configuration | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 94 | 35007 | Charging and OAM&P for IMS | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 98 | 2036 | Multimedia codecs and protocols for conversational PS ser | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 100 | 34020 | Transport protocols | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 103 | 32003 | SIP message compression | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 106 | 10001 | Stage 3 description of IMS interfaces | Rel5 | TSG CN | | | | | | | | | | | | | | |
| 120 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e. | Rel5 | WG CN5 | | | | | | | | | | | | | | |
| 121 | 12000 | Support of CAMEL by the IMS | Rel5 | WG CN2 | | | | | | | | | | | | | | |
| 128 | 35005 | Charging | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 131 | 10002 | Other IETF dependencies | Rel5 | TSG CN | | | | | | | | | | | | | | |
| 134 | 1913 | Start Testing | Rel5 | MLST | | | | | | | | | | | | | | |

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| 136 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | WG SA4 | | | | | | | | | | | | | | | |
| 140 | 1652 | Emergency call enhancements | Rel6 | WG CN1 | | | | | | | | | | | | | | | |
| 141 | 1653 | For IP & PS based calls | Rel6 | WG CN1 | | | | | | | | | | | | | | | |
| 149 | 1517 | Global Text Telephony | Rel5 | WG SA2 | | | | | | | | | | | | | | | |
| 157 | 1637 | OSA enhancements for Rel-5 | NA | WG SA1 | | | | | | | | | | | | | | | |
| 159 | 1429 | OSA APIs for Multimedia Call Control | Rel5 | WG SA2 | | | | | | | | | | | | | | | |
| 162 | 1433 | Retrieval of Terminal capabilities | Rel6 | WG SA2 | | | | | | | | | | | | | | | |
| 166 | 15003 | Generic user interaction - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 167 | 15004 | Charging - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 168 | 15005 | Policy Management - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | |
| 169 | 15006 | Presence and Availability Management (PAM) - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | |
| 170 | 15007 | Check N5 - Call Control Service Mapping; Multiparty Call C | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 171 | 15999 | WSDL APIs for SOAP/HTTP - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | | |
| 172 | 2538 | Interaction with other features | NA | WG SA1 | | | | | | | | | | | | | | | |
| 173 | 2539 | Access to Presence information | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 174 | 2540 | Access to User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 175 | 2541 | Policy Management | Rel6 | WG SA1 | | | | | | | | | | | | | | | |
| 176 | 1419 | OSA security | Rel5 | WG SA3 | | | | | | | | | | | | | | | |
| 182 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | | | | | | | | | | | | | | | |
| 186 | 1638 | CAMEL phase 4 | Rel5 | WG SA1 | | | | | | | | | | | | | | | |
| 200 | 2464 | Rel-5 MExE enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | | |
| 203 | 1625 | Wideband Telephony Service - AMR | Rel5 | WG SA4 | | | | | | | | | | | | | | | |
| 239 | 1826 | Terminal interfaces | NA | WG T2 | | | | | | | | | | | | | | | |
| 240 | 2573 | Terminal local model enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | | |
| 241 | 1536 | Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | | |
| 242 | 1600 | UE positioning | NA | TSG RAN | | | | | | | | | | | | | | | |
| 244 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | WG RAN2 | | | | | | | | | | | | | | | |
| 245 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel'4 pr | Rel6 | WG RAN2 | | | | | | | | | | | | | | | |

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| 247 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Position | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 248 | 1171 | Event based and Periodic LCS | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 252 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 257 | 2442 | Location Services for GERAN in Iu Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 271 | 32001 | Enhanced support for user privacy and subscriber data han | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 281 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 282 | 521 | New security aspects of LCS (not identified) | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 283 | 32011 | Specification for the Le Interface | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 284 | 32012 | Support of the Presence Service Architecture | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 286 | 1800 | (U)SIM toolkit enhancements | NA | WG T3 | | | | | | | | | | | | | | |
| 288 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 292 | 1802 | UICC API | NA | WG T3 | | | | | | | | | | | | | | |
| 294 | 2031 | C SIM API | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 297 | 1571 | Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | |
| 298 | 1583 | MAP application layer security | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 301 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 302 | 1576 | Network domain security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 310 | 2026 | Enhanced HE control of security (including positive authent | Rel6 | WG SA3 | | | | | | | | | | | | | | |
| 313 | 33003 | Rel-6 MAP application layer security | Rel6 | WG SA3 | | | | | | | | | | | | | | |
| 316 | 1861 | Miscellaneous UE Conformance Testing Activities | NA | WG T1 | | | | | | | | | | | | | | |
| 317 | 1862 | Optimisation of Test Time, RF Aspects (FDD) | el Indep | WG T1 | | | | | | | | | | | | | | |
| 318 | 1863 | Optimisation of Test Time, RF Aspects (TDD) | el Indep | WG T1 | | | | | | | | | | | | | | |
| 324 | 32021 | IMS Phase 2 | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 325 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 326 | 2048 | Interworking between IMS and IP networks | Rel6 | WG CN3 | | | | | | | | | | | | | | |
| 329 | 32005 | IMS Local services | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 331 | 13011 | Mm interface (CSCF to external IP multimedia network) | Rel6 | WG CN3 | | | | | | | | | | | | | | |
| 334 | 13013 | Mg interface (BGCF to MGCF - interworking with CS) | Rel6 | WG CN3 | | | | | | | | | | | | | | |

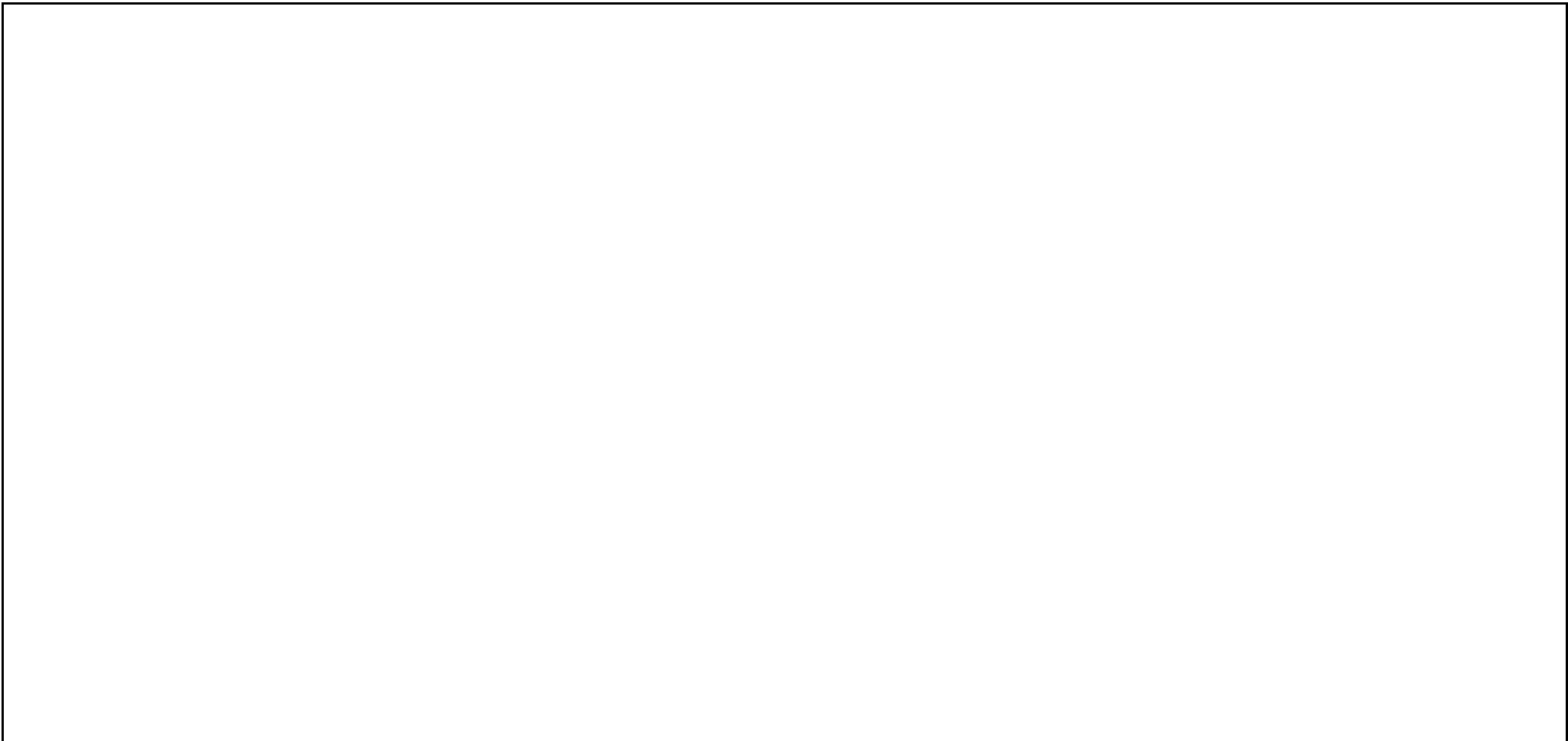
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| 337 | 14001 | Mc interface (IM-MGW to MGCF) enhancements | Rel-6 | WG CN4 | | | | | | | | | | | | | | |
| 338 | 31022 | IMS Messaging (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 341 | 31025 | IMS Group Management (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 343 | 1365 | Support of Push Services | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 346 | 42005 | Rel-6 MExE enhancements | Rel6 | WG T2 | | | | | | | | | | | | | | |
| 349 | 1142 | Charging and OAM&P | NA | WG SA5 | | | | | | | | | | | | | | |
| 350 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 351 | 35003 | Rel5 Performance Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 352 | 35004 | Rel5 Charging Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 353 | 35001 | Network Infrastructure Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 354 | 2062 | Subscription Management | Rel6 | WG SA5 | | | | | | | | | | | | | | |
| 355 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN N | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 366 | 2320 | GERAN improvements 3 (new transport layer on interface | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 459 | 2392 | GERAN enhancements for streaming services 1 (RLC en | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 462 | 2396 | GERAN enhancements for streaming services 2 (usage c | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 468 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | | |
| 472 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | | |
| 476 | 2499 | Support of Presence Capability | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 483 | 31028 | Presence Service Enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 484 | 2520 | User Equipment Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 485 | 35000 | FS on User Equipment (UE) Management | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 486 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 489 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 493 | 2569 | Messaging enhancements Rel-5 | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 494 | 2571 | Multimedia Messaging (MMS) enhancements | | WG T2 | | | | | | | | | | | | | | |
| 495 | 31000 | Definition of service requirements | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 502 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 509 | 50033 | Enhanced Power Control | Rel5 | TSG GERAN | | | | | | | | | | | | | | |




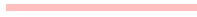



















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| 513 | 50037 | 8PSK AMR HR | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 527 | 50058 | Multiple TBF in A/Gb mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 550 | 50041 | Uplink TDOA feasibility study | Rel6 | TSG GERAN | | | | | | | | | | | | | | |
| 551 | 13000 | Service Change and UDI Fallback | Rel5 | WG CN3 | | | | | | | | | | | | | | |
| 552 | 30001 | small Technical Enhancements and Improvements for R | Rel5 | Generic | | | | | | | | | | | | | | |
| 553 | 35009 | Trace Management | Rel6 | WG SA5 | | | | | | | | | | | | | | |
| 554 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 558 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 562 | 31008 | Generic User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 568 | 31010 | Digital Rights Management | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 574 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 577 | 31015 | Priority Service | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 580 | 31018 | Network Sharing | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 582 | 31013 | UE Functionality Split | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 583 | 31021 | Technical Report | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 585 | 32016 | QoS Improvements | NA | WG SA2 | | | | | | | | | | | | | | |
| 586 | 32017 | Dynamic Policy control enhancements for end-to-end QoS | Rel6 | WG SA2 | | | | | | | | | | | | | | |
| 587 | 33002 | Support for subscriber certificates | Rel6 | WG SA3 | | | | | | | | | | | | | | |
| 588 | 15010 | Rel-6 OSA enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | |
| 596 | 23004 | Shared Network support in connected Mode | Rel6 | WG RAN3 | | | | | | | | | | | | | | |
| 597 | 0 | ----- Rel-4 features listed below ----- | Rel4 | | | | | | | | | | | | | | | |
| 598 | 1340 | Facsimile | Rel4 | WG SA1 | | | | | | | | | | | | | | |
| 605 | 1539 | Transparent End-to-End PS mobile streaming applicator | Rel4 | WG SA4 | | | | | | | | | | | | | | |
| 606 | 1818 | Multimedia Messaging | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 613 | 1541 | Transcoder-Free Operation | Rel4 | WG CN4 | | | | | | | | | | | | | | |
| 623 | 2310 | GERAN improvements 1 (Gb over IP) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 627 | 2314 | GERAN improvements 2 (NACC) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |
| 637 | 2324 | GERAN improvements 4 (Delayed TBF) | Rel4 | TSG GERAN | | | | | | | | | | | | | | |

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| 644 | 1222 | Low Chip Rate TDD option | Rel4 | WG RAN1 | | | | | | | | | | | | | | | |
| 657 | 1322 | Enable bearer independent CS architecture | Rel4 | WG SA2 | | | | | | | | | | | | | | | |
| 669 | 1445 | MExE enhancements Rel-4 | Rel4 | WG T2 | | | | | | | | | | | | | | | |
| 677 | 41003 | Conformance testing of MExE capability (Feasibility study) | Rel4 | WG T1 | | | | | | | | | | | | | | | |
| 678 | 1631 | Tandem Free aspects for 3G and between 2G and 3G sys | Rel4 | WG SA4 | | | | | | | | | | | | | | | |
| 684 | 2230 | Advanced Speech Call Items enhancements_REL-4 | Rel4 | WG CN1 | | | | | | | | | | | | | | | |
| 687 | 2403 | 700 MHz spectrum support | Rel4 | TSG GERAN | | | | | | | | | | | | | | | |
| 696 | 2463 | Operator Determined Barring for Packet Oriented Servi | Rel4 | TSG CN | | | | | | | | | | | | | | | |
| 697 | 2546 | UMTS QoS Architecture for PS Domain | Rel4 | WG SA2 | | | | | | | | | | | | | | | |
| 716 | 1993 | small Technical Enhancements and Improvements for Re | Rel4 | Generic | | | | | | | | | | | | | | | |
| 717 | 400002 | Rel-4 Evolutions of the transport in the UTRAN | NA | TSG RAN | | | | | | | | | | | | | | | |
| 718 | 12 | QoS optimisation for AAL2 connections over lub and lur int | Rel4 | WG RAN3 | | | | | | | | | | | | | | | |
| 719 | 1995 | Transport bearer modification procedure on lub, lur, and lu | Rel4 | WG RAN3 | | | | | | | | | | | | | | | |
| 722 | 400004 | Rel-4 Evolutions of the transport in the CN | NA | WG CN4 | | | | | | | | | | | | | | | |
| 723 | 859 | IP Transport of CN protocols (e.g., CAP, MAP) | Rel4 | WG CN4 | | | | | | | | | | | | | | | |
| 728 | 1513 | FS on Transport and control separation in the PS CN doma | Rel4 | WG SA2 | | | | | | | | | | | | | | | |
| 730 | 401216 | Rel-4 Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | | | |
| 731 | 1509 | UTRA repeater specification (master) | Rel4 | WG RAN4 | | | | | | | | | | | | | | | |
| 732 | 1994 | DSCH power control improvement in soft handover | Rel4 | WG RAN1 | | | | | | | | | | | | | | | |
| 733 | 1996 | UMTS 1800 | el indep | WG RAN4 | | | | | | | | | | | | | | | |
| 734 | 2467 | UMTS 1900 | el indep | WG RAN4 | | | | | | | | | | | | | | | |
| 737 | 401839 | Conformance Test Spec. Rel-4 improvements in Radio Inter | | WG T1 | | | | | | | | | | | | | | | |
| 740 | 2214 | Testing DSCH power control improvement in soft handover | Rel4 | WG T1 | | | | | | | | | | | | | | | |
| 741 | 2215 | Testing UMTS 1800 | el indep | WG T1 | | | | | | | | | | | | | | | |
| 742 | 41000 | Testing UMTS 1900 | el indep | WG T1 | | | | | | | | | | | | | | | |
| 743 | 2561 | Testing UMTS 1800 - TTCN | el indep | WG T1 | | | | | | | | | | | | | | | |
| 744 | 41001 | Testing UMTS 1900 - TTCN | el indep | WG T1 | | | | | | | | | | | | | | | |
| 745 | 400009 | Rel-4 RAN improvements | NA | TSG RAN | | | | | | | | | | | | | | | |

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| 746 | 655 | Node B synchronisation for TDD | Rel4 | WG RAN1 | | | | | | | | | | | | | | |
| 747 | 2206 | RAB support enhancement for Rel-4 | Rel4 | WG RAN2 | | | | | | | | | | | | | | |
| 749 | 402102 | Conformance Test Aspects - Rel-4 RAN Improvements | | WG T1 | | | | | | | | | | | | | | |
| 751 | 402461 | Testing RAB support enhancements-Robust Header Compression | Rel4 | WG T1 | | | | | | | | | | | | | | |
| 752 | 401652 | Rel-4 Emergency call enhancements | NA | WG CN1 | | | | | | | | | | | | | | |
| 753 | 1654 | For CS based calls | Rel4 | WG CN1 | | | | | | | | | | | | | | |
| 759 | 401637 | Rel-4 OSA enhancements | NA | WG SA1 | | | | | | | | | | | | | | |
| 760 | 2120 | General Stage 2 for Rel4 | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 761 | 401424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 764 | 401786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 768 | 401826 | Rel-4 Terminal interfaces | NA | WG T2 | | | | | | | | | | | | | | |
| 769 | 1827 | AT commands enhancements | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 772 | 1829 | Wide Area Data Synchronisation | NA | WG T2 | | | | | | | | | | | | | | |
| 773 | 1830 | Continues evolution of Synchronisation protocol | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 774 | 1832 | Terminal local model | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 775 | 401536 | Rel-4 Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | |
| 776 | 2229 | CBS interactions | Rel4 | WG T2 | | | | | | | | | | | | | | |
| 777 | 523 | LCS support in the CS domain | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 778 | 525 | LCS support in the PS domain | Rel4 | WG SA2 | | | | | | | | | | | | | | |
| 785 | 401600 | UE positioning Rel-4 | NA | TSG RAN | | | | | | | | | | | | | | |
| 786 | 1601 | lub/lur interfaces for methods Rel 99 | Rel4 | WG RAN3 | | | | | | | | | | | | | | |
| 787 | 1602 | UE positioning enhancements - IPDL for TDD | Rel4 | WG RAN2 | | | | | | | | | | | | | | |
| 788 | 401560 | Rel-4 UICC/(U)SIM enhancements and interworking | NA | WG T3 | | | | | | | | | | | | | | |
| 789 | 1799 | Common PCN Handset Specification (CPHS) | Rel4 | WG T3 | | | | | | | | | | | | | | |
| 790 | 401800 | Rel-4 (U)SIM toolkit enhancements | NA | WG T3 | | | | | | | | | | | | | | |
| 791 | 2034 | USAT local link | Rel4 | WG T3 | | | | | | | | | | | | | | |
| 792 | 401571 | Rel-4 Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | |
| 793 | 1587 | Evolution of GSM CS algorithms (e.g. A5/3 development an | Rel4 | WG SA3 | | | | | | | | | | | | | | |

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| 794 | 1588 | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 798 | 401583 | MAP application layer security | Rel4 | WG SA3 | | | | | | | | | | | | | | |
| 801 | 401594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 802 | 401142 | Rel-4 Charging and OAM&P | NA | WG SA5 | | | | | | | | | | | | | | |
| 803 | 2089 | Rel4 Principles, high level Requirements and Architecture | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 804 | 2088 | Rel4 Performance Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 805 | 2081 | Fault Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 806 | 2082 | Configuration Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 807 | 2083 | Rel4 Charging Management | Rel4 | WG SA5 | | | | | | | | | | | | | | |
| 808 | 2071 | UTRAN Operations and Maintenance procedures | Rel4 | WG SA5 | | | | | | | | | | | | | | |



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| Project: 3GPP_Work Plan Date: Tue 04/06/02 | 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 |  | | |

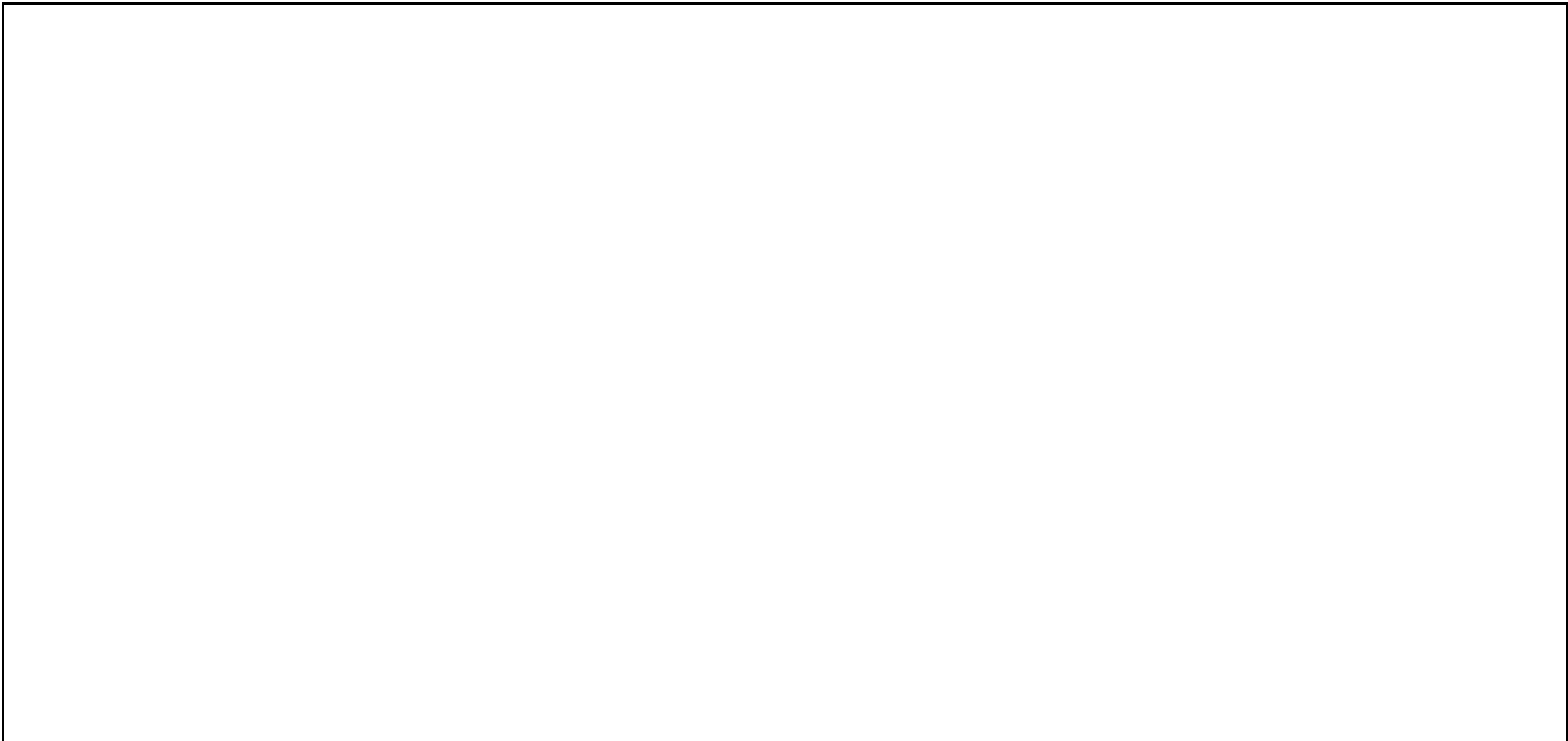
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| 6 | 2 | Evolutions of the transport in the UTRAN | NA | TSG RAN | | | | | | | | | | | | | |
| 7 | 625 | IP transport in the UTRAN | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 8 | 4 | Evolutions of the transport in the CN | NA | WG CN4 | | | | | | | | | | | | | |
| 9 | 2455 | FS on Usage of SUA | Rel5 | WG CN4 | | | | | | | | | | | | | |
| 10 | 2476 | High Speed Downlink Packet Access | Rel5 | WG RAN2 | | | | | | | | | | | | | |
| 15 | 1216 | Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | |
| 16 | 1470 | Improvement of inter-frequency and inter-system measure | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 17 | 1471 | Base station classification | Rel5 | WG RAN4 | | | | | | | | | | | | | |
| 25 | 2469 | Enhancement on the DSCH hard split mode | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 26 | 2471 | FS on Fast Cell Selection (FCS) for HS-DSCH | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 27 | 1506 | FS on Radio link performance enhancements | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 28 | 1221 | FS on USTS | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 29 | 1997 | FS on UE antenna efficiency test method performance requi | Rel5 | WG RAN4 | | | | | | | | | | | | | |
| 30 | 2494 | FS on the re-introduction of the downlink SIR measuremen | Rel5 | WG RAN4 | | | | | | | | | | | | | |
| 31 | 24001 | FS on UTRA WideBand Distribution Systems | Rel5 | WG RAN4 | | | | | | | | | | | | | |
| 32 | 2493 | FS on mitigating the effect of CPICH interference at the UE | Rel5 | WG RAN4 | | | | | | | | | | | | | |
| 36 | 21000 | FS on Improvement of inter-frequency and inter-system mea | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 37 | 1839 | Conformance Test Spec. improvements in Radio Interface | | WG T1 | | | | | | | | | | | | | |
| 38 | 2210 | Testing improvement of inter-frequency and inter-system measurement | Rel5 | WG T1 | | | | | | | | | | | | | |
| 39 | 2211 | Testing Hybrid ARQ II/III | Rel5 | WG T1 | | | | | | | | | | | | | |
| 40 | 9 | RAN improvements | NA | TSG RAN | | | | | | | | | | | | | |
| 41 | 656 | RRM optimization for lur and lub | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 45 | 2488 | RL Timing Adjustment | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 46 | 2489 | Separation of resource reservation and radio link activatio | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 47 | 2490 | Improvement of Radio Resource Management across RNS ; | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 48 | 2491 | Re-arrangements of lub transport bearers | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 49 | 23003 | SRNS Relocation Procedure Enhancement | Rel5 | WG RAN3 | | | | | | | | | | | | | |
| 51 | 22000 | RAB support enhancement for Rel-5 | Rel5 | WG RAN2 | | | | | | | | | | | | | |

| ID | Unique_ID | Name | Release | Resource Name | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | |
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| | | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 52 | 1680 | Header compression removal/stripping in the RAN | Rel5 | TSG RAN | | | | | | | | | | | | | |
| 53 | 1686 | Unequal error protection in PS domain in the RAN | Rel5 | TSG RAN | | | | | | | | | | | | | |
| 54 | 21001 | Beamforming requirements for UE | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 55 | 20999 | Beamforming Enhancements | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 56 | 21002 | Support of Site Selection Diversity Transmission in UTRAN | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 57 | 2472 | Node B Synchronisation for 1.28 Mcps TDD | Rel5 | WG RAN1 | | | | | | | | | | | | | |
| 62 | 1273 | Provisioning of IP-based multimedia services | NA | WG SA1 | | | | | | | | | | | | | |
| 63 | 1274 | Call control and roaming to support IMS in UMTS | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 88 | 1298 | Access Security for IMS | Rel5 | WG SA3 | | | | | | | | | | | | | |
| 92 | 2574 | Security Aspects of Requirement for Network Configuration | Rel5 | WG SA3 | | | | | | | | | | | | | |
| 93 | 1299 | Lawful interception | TBD | WG SA3 | | | | | | | | | | | | | |
| 94 | 35007 | Charging and OAM&P for IMS | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 95 | 2047 | Interworking between IMS and CS networks | TBD | WG CN3 | | | | | | | | | | | | | |
| 98 | 2036 | Multimedia codecs and protocols for conversational PS ser | Rel5 | WG SA4 | | | | | | | | | | | | | |
| 100 | 34020 | Transport protocols | Rel5 | WG SA4 | | | | | | | | | | | | | |
| 103 | 32003 | SIP message compression | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 106 | 10001 | Stage 3 description of IMS interfaces | Rel5 | TSG CN | | | | | | | | | | | | | |
| 120 | 1310 | Support of VHE/OSA by entities and protocols of the IMS (e. | Rel5 | WG CN5 | | | | | | | | | | | | | |
| 121 | 12000 | Support of CAMEL by the IMS | Rel5 | WG CN2 | | | | | | | | | | | | | |
| 127 | 31002 | Pre-pay/real-time charging in IMS | TBD | WG SA1 | | | | | | | | | | | | | |
| 128 | 35005 | Charging | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 131 | 10002 | Other IETF dependencies | Rel5 | TSG CN | | | | | | | | | | | | | |
| 134 | 1913 | Start Testing | Rel5 | MLST | | | | | | | | | | | | | |
| 136 | 34001 | Extended Transparent End-to-End PS Streaming Service | Rel5 | WG SA4 | | | | | | | | | | | | | |
| 149 | 1517 | Global Text Telephony | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 157 | 1637 | OSA enhancements for Rel-5 | NA | WG SA1 | | | | | | | | | | | | | |
| 159 | 1429 | OSA APIs for Multimedia Call Control | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 166 | 15003 | Generic user interaction - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | |

| ID | Unique_ID | Name | Release | Resource No | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | | |
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| 167 | 15004 | Charging - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | |
| 170 | 15007 | Check N5 - Call Control Service Mapping; Multiparty Call C | Rel5 | WG CN5 | | | | | | | | | | | | | | |
| 171 | 15999 | WSDL APIs for SOAP/HTTP - Stage 3 | Rel5 | WG CN5 | | | | | | | | | | | | | | |
| 176 | 1419 | OSA security | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 182 | 1786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 186 | 1638 | CAMEL phase 4 | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 200 | 2464 | Rel-5 MExE enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 203 | 1625 | Wideband Telephony Service - AMR | Rel5 | WG SA4 | | | | | | | | | | | | | | |
| 239 | 1826 | Terminal interfaces | NA | WG T2 | | | | | | | | | | | | | | |
| 240 | 2573 | Terminal local model enhancements | Rel5 | WG T2 | | | | | | | | | | | | | | |
| 241 | 1536 | Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | |
| 242 | 1600 | UE positioning | NA | TSG RAN | | | | | | | | | | | | | | |
| 244 | 2474 | UE positioning enhancements for 1.28 Mcps TDD | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 247 | 2125 | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Position | Rel5 | WG RAN2 | | | | | | | | | | | | | | |
| 248 | 1171 | Event based and Periodic LCS | Rel5 | WG SA1 | | | | | | | | | | | | | | |
| 252 | 2436 | Location Services for GERAN in A/Gb Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 257 | 2442 | Location Services for GERAN in Iu Mode | Rel5 | TSG GERAN | | | | | | | | | | | | | | |
| 271 | 32001 | Enhanced support for user privacy and subscriber data han | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 281 | 35008 | Charging and OAM&P for LCS enhancements | Rel5 | WG SA5 | | | | | | | | | | | | | | |
| 282 | 521 | New security aspects of LCS (not identified) | Rel5 | WG SA3 | | | | | | | | | | | | | | |
| 283 | 32011 | Specification for the Le Interface | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 284 | 32012 | Support of the Presence Service Architecture | Rel5 | WG SA2 | | | | | | | | | | | | | | |
| 286 | 1800 | (U)SIM toolkit enhancements | NA | WG T3 | | | | | | | | | | | | | | |
| 288 | 1801 | Protocol Standardisation of a SIM Toolkit Interpreter | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 292 | 1802 | UICC API | NA | WG T3 | | | | | | | | | | | | | | |
| 294 | 2031 | C SIM API | Rel5 | WG T3 | | | | | | | | | | | | | | |
| 297 | 1571 | Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | |
| 298 | 1583 | MAP application layer security | Rel4 | WG SA3 | | | | | | | | | | | | | | |

| ID | Unique_ID | Name | Release | Resource No | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | |
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| 301 | 1594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | | | | | | | | | | | | | |
| 302 | 1576 | Network domain security | Rel5 | WG SA3 | | | | | | | | | | | | | |
| 349 | 1142 | Charging and OAM&P | NA | WG SA5 | | | | | | | | | | | | | |
| 350 | 35002 | Rel5 Principles, high level Requirements and Architecture | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 351 | 35003 | Rel5 Performance Management | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 352 | 35004 | Rel5 Charging Management | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 353 | 35001 | Network Infrastructure Management | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 355 | 2243 | Intra Domain Connection of RAN Nodes to Multiple CN N | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 366 | 2320 | GERAN improvements 3 (new transport layer on interface | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 370 | 2330 | GERAN support for IMS | TBD | TSG GERAN | | | | | | | | | | | | | |
| 386 | 2345 | Alignment of 3G functional split and lu | TBD | TSG GERAN | | | | | | | | | | | | | |
| 459 | 2392 | GERAN enhancements for streaming services 1 (RLC en | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 462 | 2396 | GERAN enhancements for streaming services 2 (usage c | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 468 | 2412 | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | |
| 472 | 2416 | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | Rel5 | N;WG RAN3 | | | | | | | | | | | | | |
| 484 | 2520 | User Equipment Management | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 485 | 35000 | FS on User Equipment (UE) Management | Rel5 | WG SA5 | | | | | | | | | | | | | |
| 489 | 2556 | End to End QoS for PS Domain including IMS | Rel5 | WG SA2 | | | | | | | | | | | | | |
| 493 | 2569 | Messaging enhancements Rel-5 | Rel5 | WG T2 | | | | | | | | | | | | | |
| 494 | 2571 | Multimedia Messaging (MMS) enhancements | | WG T2 | | | | | | | | | | | | | |
| 495 | 31000 | Definition of service requirements | Rel5 | WG SA1 | | | | | | | | | | | | | |
| 502 | 50001 | GERAN Inter BSC NACC improvements over the Gb Inte | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 509 | 50033 | Enhanced Power Control | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 513 | 50037 | 8PSK AMR HR | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 525 | 50056 | Enhanced A/Gb feasibility study | TBD | TSG GERAN | | | | | | | | | | | | | |
| 527 | 50058 | Multiple TBF in A/Gb mode | Rel5 | TSG GERAN | | | | | | | | | | | | | |
| 532 | 50063 | Flexible Layer One for GERAN | TBD | TSG GERAN | | | | | | | | | | | | | |
| 551 | 13000 | Service Change and UDI Fallback | Rel5 | WG CN3 | | | | | | | | | | | | | |

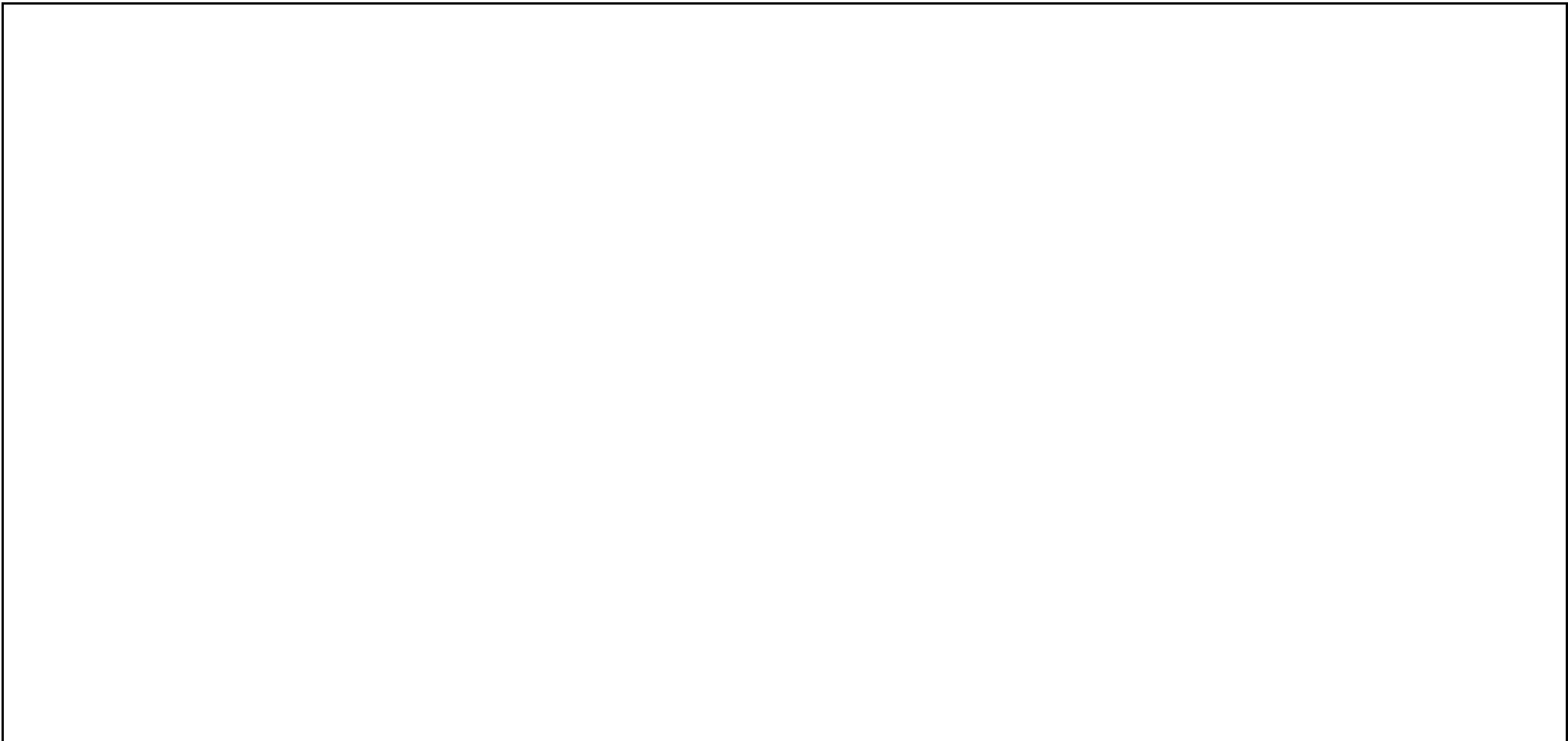
| ID | Unique_ID | Name | Release | Resource Name | Qtr 4, 2001 | | | | Qtr 1, 2002 | | | Qtr 2, 2002 | | | Qtr 3, 2002 | | |
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| | | | | | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| 552 | 30001 | small Technical Enhancements and Improvements for Rel | Rel5 | Generic | [Blue bar] | | | | [Blue bar] | | | | | | | | |
| 582 | 31013 | UE Functionality Split | Rel6 | WG SA1 | | | | | | | | [Grey bar with diamond] | | | [Grey bar with diamond] | | |
| 583 | 31021 | Technical Report | Rel5 | WG SA1 | | | | | | | | | | | | | |
| 759 | 401637 | Rel-4 OSA enhancements | NA | WG SA1 | [Grey bar] | | | | [Grey bar] | | | [Grey bar] | | | [Grey bar] | | |
| 761 | 401424 | CHECK STATUS - Interactions OSA - e-commerce | Rel5 | WG SA2 | [Grey bar] | | | | [Grey bar] | | | [Grey bar] | | | [Grey bar] | | |
| 764 | 401786 | CHECK STATUS - LCS - OSA interfaces | Rel5 | WG SA1 | [Grey bar] | | | | [Grey bar] | | | [Grey bar] | | | [Grey bar] | | |
| 792 | 401571 | Rel-4 Security enhancements | NA | WG SA3 | [Grey bar] | | | | [Grey bar] | | | [Grey bar] | | | [Grey bar] | | |
| 798 | 401583 | MAP application layer security | Rel4 | WG SA3 | [Grey bar] | | | | [Grey bar] | | | [Grey bar] | | | [Grey bar] | | |
| 801 | 401594 | CHECK STATUS - Visibility and Configurability of security | Rel5 | WG SA3 | [Blue bar] | | | | [Blue bar] | | | | | | | | |



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| Project: 3GPP_Work Plan Date: Tue 04/06/02 | 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_ID | Name | Release | Resource Name | 2 | Qtr 2, 2002 | | | | Qtr 3, 2002 | | | Qtr 4, 2002 | | | Qtr 1, 2003 | | | Qtr 2, 2003 | | |
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| | | | | | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | |
| 15 | 1216 | Improvements of Radio Interface | NA | TSG RAN | | | | | | | | | | | | | | | | | |
| 24 | 2468 | Multiple Input Multiple Output antennas (MIMO) | Rel6 | WG RAN1 | | | | | | | | | | | | | | | | | |
| 33 | 24003 | FS for the viable deployment of UTRA in additional and div | Rel6 | WG RAN4 | | | | | | | | | | | | | | | | | |
| 34 | 24004 | Improving Receiver Performance Requirements for the FDD | Rel6 | WG RAN4 | | | | | | | | | | | | | | | | | |
| 35 | 24005 | FS on UE antenna efficiency test methods performance req | Rel6 | WG RAN4 | | | | | | | | | | | | | | | | | |
| 40 | 9 | RAN improvements | NA | TSG RAN | | | | | | | | | | | | | | | | | |
| 58 | 23005 | Improvement of RRM across RNS and RNS/BSS | Rel6 | WG RAN3 | | | | | | | | | | | | | | | | | |
| 140 | 1652 | Emergency call enhancements | Rel6 | WG CN1 | | | | | | | | | | | | | | | | | |
| 141 | 1653 | For IP & PS based calls | Rel6 | WG CN1 | | | | | | | | | | | | | | | | | |
| 157 | 1637 | OSA enhancements for Rel-5 | NA | WG SA1 | | | | | | | | | | | | | | | | | |
| 162 | 1433 | Retrieval of Terminal capabilities | Rel6 | WG SA2 | | | | | | | | | | | | | | | | | |
| 168 | 15005 | Policy Management - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | | | |
| 169 | 15006 | Presence and Availability Management (PAM) - Stage 3 | Rel6 | WG CN5 | | | | | | | | | | | | | | | | | |
| 172 | 2538 | Interaction with other features | NA | WG SA1 | | | | | | | | | | | | | | | | | |
| 173 | 2539 | Access to Presence information | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 174 | 2540 | Access to User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 175 | 2541 | Policy Management | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 241 | 1536 | Location Services enhancements | NA | WG SA2 | | | | | | | | | | | | | | | | | |
| 242 | 1600 | UE positioning | NA | TSG RAN | | | | | | | | | | | | | | | | | |
| 245 | 2475 | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel'4 pr | Rel6 | WG RAN2 | | | | | | | | | | | | | | | | | |
| 297 | 1571 | Security enhancements | NA | WG SA3 | | | | | | | | | | | | | | | | | |
| 310 | 2026 | Enhanced HE control of security (including positive authent | Rel6 | WG SA3 | | | | | | | | | | | | | | | | | |
| 313 | 33003 | Rel-6 MAP application layer security | Rel6 | WG SA3 | | | | | | | | | | | | | | | | | |
| 324 | 32021 | IMS Phase 2 | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 325 | 32015 | Radio optimisation impacts on PS domain architecture | Rel6 | WG SA2 | | | | | | | | | | | | | | | | | |
| 326 | 2048 | Interworking between IMS and IP networks | Rel6 | WG CN3 | | | | | | | | | | | | | | | | | |
| 329 | 32005 | IMS Local services | Rel6 | WG SA2 | | | | | | | | | | | | | | | | | |
| 331 | 13011 | Mm interface (CSCF to external IP multimedia network) | Rel6 | WG CN3 | | | | | | | | | | | | | | | | | |

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| 334 | 13013 | Mg interface (BGCF to MGCF - interworking with CS) | Rel6 | WG CN3 | | | | | | | | | | | | | | | | | |
| 337 | 14001 | Mc interface (IM-MGW to MGCF) enhancements | Rel6 | WG CN4 | | | | | | | | | | | | | | | | | |
| 338 | 31022 | IMS Messaging (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 341 | 31025 | IMS Group Management (part of IMS2?) | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 343 | 1365 | Support of Push Services | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 346 | 42005 | Rel-6 MExE enhancements | Rel6 | WG T2 | | | | | | | | | | | | | | | | | |
| 354 | 2062 | Subscription Management | Rel6 | WG SA5 | | | | | | | | | | | | | | | | | |
| 476 | 2499 | Support of Presence Capability | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 483 | 31028 | Presence Service Enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 486 | 2527 | Emergency calls without UICC/SIM in netw. with IMS | Rel6 | WG SA2 | | | | | | | | | | | | | | | | | |
| 550 | 50041 | Uplink TDOA feasibility study | Rel6 | TSG GERAN | | | | | | | | | | | | | | | | | |
| 553 | 35009 | Trace Management | Rel6 | WG SA5 | | | | | | | | | | | | | | | | | |
| 554 | 2544 | Multimedia Broadcast and Multicast Service | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 558 | 31006 | Speech Recognition and Speech Enabled Services | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 562 | 31008 | Generic User Profile | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 568 | 31010 | Digital Rights Management | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 574 | 31012 | FS on WLAN-UMTS Interworking | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 577 | 31015 | Priority Service | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 580 | 31018 | Network Sharing | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 582 | 31013 | UE Functionality Split | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 585 | 32016 | QoS Improvements | NA | WG SA2 | | | | | | | | | | | | | | | | | |
| 586 | 32017 | Dynamic Policy control enhancements for end-to-end QoS | Rel6 | WG SA2 | | | | | | | | | | | | | | | | | |
| 587 | 33002 | Support for subscriber certificates | Rel6 | WG SA3 | | | | | | | | | | | | | | | | | |
| 588 | 15010 | Rel-6 OSA enhancements | Rel6 | WG SA1 | | | | | | | | | | | | | | | | | |
| 596 | 23004 | Shared Network support in connected Mode | Rel6 | WG RAN3 | | | | | | | | | | | | | | | | | |



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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 | | | |