

Source: Secretary TSG SA (M. Pope, MCC)
Title: Draft Report of meeting #21 - Version 0.0.5
Status: For Comment

Draft Report

Contents

| | | |
|-------|---|----|
| 1 | Opening of the meeting..... | 4 |
| 2 | Approval of the Agenda..... | 4 |
| 3 | Approval of the meeting report of TSG SA Meeting #20..... | 4 |
| 4 | Items for immediate consideration..... | 4 |
| 5 | Reports from TSG SA ad-hoc meetings and workshops | 4 |
| 6 | Letters / Reports from other groups..... | 5 |
| 6.1 | TSG T, TSG CN, TSG RAN, TSG GERAN | 5 |
| 6.2 | Partners and their bodies | 5 |
| 6.3 | Others..... | 5 |
| 7 | Reports from TSG SA Working Groups | 7 |
| 7.1 | TSG SA WG1..... | 7 |
| 7.1.1 | Report from TSG SA WG1 and review of progress | 7 |
| 7.1.2 | Questions for advice from TSG SA WG1 | 8 |
| 7.1.3 | Approval of contributions from TSG SA WG1..... | 8 |
| 7.2 | TSG SA WG2..... | 10 |
| 7.2.1 | Report from TSG SA WG2 and review of progress | 10 |
| 7.2.2 | Questions for advice from TSG SA WG2 | 11 |
| 7.2.3 | Approval of contributions from TSG SA WG2..... | 11 |
| 7.3 | TSG SA WG3..... | 13 |
| 7.3.1 | Report from TSG SA WG3 and review of progress | 13 |
| 7.3.2 | Questions for advice from TSG SA WG3 | 13 |
| 7.3.3 | Approval of contributions from TSG SA WG3..... | 13 |
| 7.4 | TSG SA WG4..... | 14 |
| 7.4.1 | Report from TSG SA WG4 and review of progress | 14 |
| 7.4.2 | Questions for advice from TSG SA WG4 | 15 |
| 7.4.3 | Approval of contributions from TSG SA WG4..... | 17 |
| 7.5 | TSG SA WG5..... | 18 |
| 7.5.1 | Report from TSG SA WG5 and review of progress | 18 |
| 7.5.2 | Questions for advice from TSG SA WG5 | 18 |
| 7.5.3 | Approval of contributions from TSG SA WG5..... | 18 |
| 7.6 | Review of TSG SA work programme | 20 |
| 7.7 | Letters to other groups | 20 |
| 7.8 | Other issues..... | 20 |

| | | |
|----------|---|----|
| 8 | Technical coordination with TSG CN, TSG RAN, TSG T and TSG GERAN | 21 |
| 8.1 | TSG CN | 21 |
| 8.1.1 | Report and questions for discussion from TSG CN | 21 |
| 8.1.2 | Information on Release 1999, Release 4, 5 and 6 in TSG CN | 22 |
| 8.1.3 | Information on status and changes to deliverables..... | 22 |
| 8.2 | Report from TSG RAN | 22 |
| 8.2.1 | Report and questions for discussion from TSG RAN..... | 22 |
| 8.2.2 | Information on Release 1999, Release 4, 5 and 6 status in TSG RAN | 23 |
| 8.2.3 | Information on status and changes to deliverables..... | 23 |
| 8.3 | Report from TSG T..... | 23 |
| 8.3.1 | Report and questions for discussion from TSG T..... | 23 |
| 8.3.2 | Information on Release 1999, Release 4, 5 and 6 status in TSG T..... | 24 |
| 8.3.3 | Information on status and changes to deliverables..... | 24 |
| 8.4 | Report from TSG GERAN | 24 |
| 8.4.1 | Report and questions for discussion from TSG GERAN..... | 24 |
| 8.4.2 | Information on Release 1999, Release 4, 5 and 6 status in TSG GERAN .. | 25 |
| 8.4.3 | Information on status and changes to deliverables..... | 25 |
| 8.5 | Letters to other groups | 25 |
| 8.6 | 3GPP Work plan | 25 |
| 8.7 | Review of Release 1999, Release 4 and Release 5 specification sets | 26 |
| 8.8 | Review of Release 6 status, content and completion | 26 |
| 8.9 | Beyond Release 6 and/or Current work plan (Vision, Phasing, New Technology, etc.) ... | 26 |
| 8.10 | Other issues..... | 27 |
| 9 | Project Management..... | 27 |
| 9.1 | Review of work programme..... | 27 |
| 9.2 | Working methods..... | 27 |
| 9.3 | Other issues..... | 27 |
| 10 | Project support..... | 27 |
| 11 | Postponed issues from earlier in the meeting | 27 |
| 12 | Work plan and future meetings..... | 27 |
| 13 | Any other business | 27 |
| 14 | Close of meeting..... | 28 |
| Annex A: | Co-ordinates of TSG and WG Officials | 29 |
| A.1 | TSG SA Officials..... | 29 |
| A.2 | TSG CN Officials | 30 |
| A.3 | TSG RAN Officials | 31 |
| A.4 | TSG T Officials | 32 |
| A.5 | TSG GERAN Officials | 33 |
| Annex B: | List of documents..... | 34 |
| Annex C: | List of attendees and TSG SA Voting List..... | 45 |
| C.1 | List of Attendees | 45 |
| C.2 | List of eligible Voting members for TSG SA#22 | 49 |
| Annex D: | Status list of Specifications and Reports after TSG SA Meeting #21 | 51 |
| D.1 | Release 1999 GSM Specifications and reports..... | 51 |

| | | |
|----------|---|-----|
| D.2 | Release 1999 3GPP Specifications and reports | 56 |
| D.2.1 | Release 1999 3GPP Specifications and reports not under change control | 65 |
| D.3 | Release 4 3GPP Specifications and reports | 66 |
| D.3.1 | Release 4 3GPP Specifications and reports not under change control | 83 |
| D.4 | Release 5 3GPP Specifications and reports | 84 |
| D.4.1 | Release 5 3GPP Specifications and reports not under change control | 104 |
| D.5 | Release 6 3GPP Specifications and reports | 105 |
| D.6 | Other 3GPP Specifications and reports to be allocated to (or identified for) Release 6 (TBC)..... | 110 |
| D.7 | Other 3GPP Specifications and reports to be allocated to (or identified for) Release 7 (TBC)..... | 116 |
| Annex E: | List of Change Requests and their status after TSG SA Meeting #21 | 117 |
| E.1 | CRs from SA WG1 | 117 |
| E.2 | CRs from SA WG2 | 118 |
| E.3 | CRs from SA WG3 | 121 |
| E.4 | CRs from SA WG4 | 123 |
| E.5 | CRs from SA WG5 | 123 |
| E.6 | CRs direct to TSG SA#21 | 126 |
| Annex F: | Status of all 3GPP CRs after TSG SA #21 Meeting | 127 |
| Annex G: | Definition of Release 4, extracted from the Project Plan - Version April 23 2003 | 184 |
| Annex H: | Definition of Release 5, extracted from the Project Plan - Version July 25 2003 | 200 |
| Annex I: | Current content of Release 6+, extracted from the Project Plan - Version September 16 2003 | 228 |

1 Opening of the meeting

The Hosts, Siemens, welcomed everybody to Frankfurt, Germany and provided information about the domestic arrangements for the meeting. The Chairman opened the meeting and welcomed delegates to the meeting. The Chairman outlined the issues that needed to be discussed at the meeting.

2 Approval of the Agenda

TD SP-030360: Draft Agenda for TSG SA meeting #21. The TSG SA Chairman introduced the draft agenda which was **approved** without change.

The chairman made the following call for IPRs, and asked ETSI members to check the latest version of ETSI's policy available on the web server:

The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective Organizational Partners of Essential IPRs they become aware of**.

The members take note that they are hereby invited:

- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms <http://webapp.etsi.org/lpr/>).

3 Approval of the meeting report of TSG SA Meeting #20

TD SP-030513: Draft Report of TSG SA meeting #20 version 0.0.5rm. This showed changes made from the version distributed for comment and had not received any major changes. The report was then **approved**.

4 Items for immediate consideration

TD SP-030519: Release 6 Completion Schedule. This was introduced by O2 early in the meeting in order to allow delegates to consider it before further discussion under agenda item 8.8. O2 proposed that the timescales for the completion of Release 6 are further reviewed during this TSG meeting, taking into consideration the observations made within the contribution (target completion dates of either September or December 2004 were suggested, but **there was strong disagreement to this from 3, TIM and Vodafone and these dates were therefore not agreed**). Delegates were asked to consider the proposals of the document and to discuss it later in the meeting (see agenda item 8.8). TD SP-030519 was then **noted**.

TD SP-030520: Evolution and Management of 3GPP specifications beyond Release 6. This was introduced by O2 early in the meeting in order to allow delegates to consider it before further discussion under agenda item 8.9. O2 proposed that TSG SA addresses the suggested requirements for the future evolution and management of the 3GPP specifications and initiates work towards developing appropriate mechanisms to be introduced following the completion of Release 6. Delegates were asked to consider the proposals of the document and to discuss it later in the meeting (see agenda item 8.9).

TD SP-030510: LS (from TSG RAN) on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457. This was introduced by the TSG RAN Chairman and informed TSG SA of the list of documents to be provided to ITU-R. The documents considered were provided for information in TD SP-030522. The list of documents was **endorsed** by TSG SA for sending to ITU-R.

5 Reports from TSG SA ad-hoc meetings and workshops

TD SP-030516 Joint 3GPP-OMA discussions: Key points. This was introduced by the TSG SA Chairman, who had convened the joint 3GPP-OMA Workshop. The major conclusions were:

1. Clearly identify the end objectives of the collaboration
It was noted that as 3GPP do not produce standards (the SDOs produce standards based on the 3GPP specifications), that the text "*Maintain 3GPP/OMA **standards** work so that each can support their own missions ... Minimise the cost of developing **standards** by cooperating*" should read "*Maintain 3GPP/OMA **specification** work so that each can support their own missions ... Minimise the cost of developing **specifications** by cooperating*".
2. Compatibility of release schedules
3. Visibility of each other's WI progress
4. Avoiding additional/unnecessary requirements documents in 3GPP/2
6. Avoiding duplication of work (i.e. understanding OMA/3GPP's respective roles)
7. How to approach any possible work cooperation/transition

These are further elaborated in the contribution.

It was clarified that whereas some of the OMA work and documentation is not open for general distribution, the OMA specifications will be made freely available and there are mechanisms within OMA in order to allow certain documents to be made openly available on a case-by-case basis (it was recognised that this process was still under development).

Considering Action 4a, "each organization to inform the other on a periodic basis (e.g. monthly/quarterly) of requirements documents and their current status" it was thought that from a TSG point of view, an updated 3GPP Work Plan should be transmitted to OMA after each TSG Plenary round. From the WG viewpoint, the communication could be more detailed and regular depending on the cooperation on work between the 3GPP and OMA WGs.

It was concluded that this could be considered a rough outline for cooperation between 3GPP and OMA. It was generally considered that there should be no real problems with co-operation between 3GPP and OMA. Transfer of work to and from 3GPP would be subject to agreement by the TSGs and endorsement by the PCG. It was agreed that 3GPP should *explicitly provide information to OMA* of what is needed to be provided to 3GPP for their common work. It was also considered *helpful if OMA would provide similar information to 3GPP* on their work. **Member contribution was considered essential in order to coordinate the work between the two bodies.**

6 Letters / Reports from other groups

6.1 TSG T, TSG CN, TSG RAN, TSG GERAN

There were no specific contributions under this agenda item.

6.2 Partners and their bodies

There were no specific contributions under this agenda item.

6.3 Others

TD SP-030372: COMMISSION RECOMMENDATION of 25/07/2003 on the processing of caller location information in electronic communication networks for the purpose of location-enhanced emergency call services. This was introduced by the TSG SA Chairman and provides the European Commission Recommendation that "**Member States should apply the following harmonised conditions and principles to the provision of caller location information to emergency services for all calls to the single European emergency call number 112**". Members were also referred to Point (14): "*When reporting on the situation of E112 implementation, national authorities should address any relevant technical feasibility issue that hinders the introduction of E112 for specific categories of end-users, as well as the technical requirements for handling emergency calls that may originate from SMS and telematic data services*" which would need to be taken into account in 3GPP work. The Liaison was noted and **Members were asked to consider the Recommendation in order to verify any impacts on 3GPP system capabilities and provide any necessary contribution to the relevant WGs.** A related contribution in TD SP-030394 was then considered:

TD SP-030394: Liaison Statement (from OCG EMTEL) on EC Requirements on Emergency Telecommunications. This was introduced by the TSG SA Chairman and asked 3GPP to:

1. Familiarise the TB or WG with the requirements from the COMMISSION RECOMMENDATION of the 25/07/2003 C(2003) 2657 and SR 002 180.
2. Identify areas where your TB or WG is or expects to be active; and initiate the corresponding activities and Work-items.
3. Define functional requirements and collaborate with other TBs, in their defined areas of responsibility, to work on the high priority items.
4. Specify solutions for the existing, new and evolving technologies.
5. Keep OCG EMTEL informed about your existing and expected activities and their status.
6. Provide feedback to the OCG EMTEL in time for their next meeting (November 2003).

The Liaison was discussed and it was concluded that there was no information available to communicate to EMTEL from TSG SA. It was **decided** that the TSG SA Chairman would send an e-mail to Mr. R. Forbes, informing him that the 3GPP WGs would look into the requirements and provide any relevant information to EMTEL on current activities.

TD SP-030363: LS (from ITU-T SG16) to 3GPP and 3GPP2 on basic operators library. This was introduced by the TSG SA Chairman and informed 3GPP SA WG4 and 3GPP2 TSG-C1.1 of their intention to update the set of basic operators. This was **noted** for information as SA WG4 were dealing with this liaison.

TD SP-030364: LS from ITU-T SG16: Final Report of the Workshop on Telecommunications for Disaster Relief. This was introduced by the TSG SA Chairman and informed various bodies that the report of the Workshop on Telecommunications for Disaster Relief (TDR) is now available. The report is available for downloading at: <http://www.itu.int/itudoc/itu-t/workshop/ets/finalrep.html>. It was clarified that this was similar to Priority service feature for IP services (i.e. the SA WG1 Work item on Multimedia Priority Service). The LS was **noted** and the report should be considered by Members for any related work undertaken in 3GPP.

TD SP-030365: LS (from ITU-T SG16) on Signalling Requirements for IP-QoS. This was introduced by the TSG SA Chairman and was provided to TSG SA for information. Members were asked to review the attachment (DRAFT H.QOS.ARCH) for relevance to 3GPP work. The LS was then **noted**.

TD SP-030366: Liaison Statement (from ITU-T Q.1/SSG) on Status of ITU-T Draft Rec. Q.SNFB. This was introduced by the TSG SA Chairman and invited comments and inputs from 3GPP Groups to progress the work on Draft Recommendation PDNR Q.SNFB. It was commented that there did not seem to be much use for this work in 3GPP at present. The LS was then **noted**.

TD SP-030493: LS from ITU-T SG11: Consent of Q.2630.3, Q.2631.1, and Q.2632.1. This was introduced by the TSG SA Chairman and informed TSG SA of 4 Recommendations which had reached consent in the ITU-T. The LS was **noted** and WGs were asked to take this into account in their work.

TD SP-030494: LS from ITU-T SG11: Electronic Meeting on Signalling Requirements for IP-QOS. This was introduced by the TSG SA Chairman and provided a response to the communication from ITU-T SG16. The LS was copied to TSG SA for information and was **noted**.

TD SP-030367: LS (from SCaG) on MMS management in the UICC. This was introduced by the TSG SA Chairman and asked SA WG1 to produce requirements to support the new features and T WG3 start the corresponding standardization activities. The LS was copied to TSG SA for information and was **noted**.

TD SP-030368: LS (from SCaG) on proactive capabilities in the UICC to support MMS management. This was introduced by the TSG SA Chairman and informed TSG SA that GSMA SCaG has been working on MMS management by the SIM card providing compelling use cases and requirements. TSG SA were asked to produce the corresponding requirements to completely support this new feature. **TSG SA asked Members to consider this and provide necessary contribution to SA WG1.**

NOTE: A corresponding CR was approved at TSG SA #20 (22038CR013R2 in **TD SP-030355**).

TD SP-030370: LS from OMA Requirements WG: Need for OMA Liaison with 3GPP and 3GPP2 re PoC. This was introduced by mmO2 and informed 3GPP and 3GPP2 of the PoC standardisation work just started in OMA and also ask that 3GPP and 3GPP2 for any suggestions to minimise or eliminate any potential duplication of work going forward. The OMA agreed WI was attached for information. **It was commented that the PoC service would need to fulfil the "receive before transmit" requirements for applications.** This was noted and it was also clarified that this is not a direct-mode service. A corresponding contribution was provided in **TD SP-030505** which was then considered:

TD SP-030505: Proposal for a Liaison Statement to OMA on principles for overlapping issues with OMA regarding PoC. This was provided by TSG CN and suggested that 3GPP and OMA need to come to a mutual agreement on the following:

- 3GPP understands that OMA develops application and service enabler requirements for mobile services, and develops the high level architecture and implementation where the service enabler does not build upon IMS platform such as WAP platform, etc.
- Related to PoC, 3GPP CN will develop any necessary protocol changes in order to support the OMA PoC enabler.
- 3GPP requests OMA to provide technical requirements and interfaces for PoC in terms of deltas against IMS release 5. This will make it easier for 3GPP to address OMA's needs.
- CN will also request guidance from SA2 on PoC architecture study before defining CN work items.
- 3GPP is the single contact point for IETF in terms of 3GPP dependencies on IETF specifications, in areas such as the IMS.
- CN kindly invites OMA to give a presentation of PoC requirements and architecture during the meetings of the CN WGs, SA1 and SA2 to be held from 27 to 31 October in Bangkok, Thailand.
- CN would like OMA to inform 3GPP on their time schedule for developing the PoC service enabler.
- A 3GPP-wide dependency list should be created to indicate 3GPP dependencies on OMA.

TSG CN asked TSG SA to incorporate these points with the positions from other TSGs and to provide a consolidated response LS to the appropriate OMA groups.

It was **agreed** to use this contribution as a basis for a LS to be elaborated with the dependencies on 3GPP WGs for each part of the work. It was agreed that it was necessary to establish the requirements and expectations for the system and which of these are not covered by current work. The additional work should then be analysed and the best place for doing the work determined. A drafting group was set up to provide a LS which was provided in **TD SP-030530** and reviewed. It was noted that the requested OMA presentation to WGs would need some co-ordination in order to find the best timing for this. The LS in **TD SP-030530** was then **approved**.

This LS then covered the request in **TD SP-030370**.

TD SP-030507: LS (from GSMA SerG) to 3GPP SA Concerning the Handling of Emergency Calls on 3G Networks. This was introduced by a member of SerG and informed TSG SA of the discussions which had taken place in SerG. A number of principles were agreed, but, no consensus could be reached in their meeting on how Emergency Numbers are treated from Release 1999 and SerG asked TSG SA to ensure that, whatever course of action is agreed, the costs to the operator are considered. The SA WG1 Chairman suggested that this LS is considered in their next meeting in order to determine the impact of requirements. It was **agreed** that SA WG1 should look at the requirements and take the request of SerG into account. **It was clarified that the SIM-less support for Emergency Call was an operator option, where the National legislation would need to be taken into account.**

7 Reports from TSG SA Working Groups

7.1 TSG SA WG1

7.1.1 Report from TSG SA WG1 and review of progress

TD SP-030453: Status report of SA WG1 to TSG SA #21. The Status report from SA WG1 was presented by the SA WG1 Chairman, using the slides provided in **TD SP-030452**.

SMS services over WLAN was questioned. It was reported that this concept requires further discussion in SA WG1.

Slide 27: Storage of MM Elements o USIM. It was clarified that MM Elements are elements of an MMS which could be stored on a smart card for other uses.

Slide 10: LCS. It was clarified that QoS Classes will not define detailed performance ranges and should not impact RAN specifications. It was reported that 2 QoS Classes had been agreed "Assured" and "Best Effort" Classes.

Slide 16: Network Selection. It was clarified that still no conclusion has been reached in SA WG1 and an open discussion on PLMN behind WLAN is still under way.

Slide 20: The introduction of an MBMS New Stage 1 was questioned. It was reported that the "reality" of the requirements need to be verified, particularly in the GERAN environment. The new document for MBMS takes account of the change from Bearer service to Teleservice. It was reported that this was a higher layer change and should not have an impact on the architecture or RAN. There may be an impact on some new interfaces.

Slide 18: Scenario Selection. It was clarified that the user could have the opportunity to decide which level of interworking with the Home Network was desired.

The SA WG1 Chairman was thanked for his report, which was then **noted**.

7.1.2 Questions for advice from TSG SA WG1

TD SP-030362: Liaison Statement (from SA WG1) on MMS Requirements. This was introduced by the SA WG1 Chairman and informed OMA of the existence of TS 22.140 and asked OMA to take these requirements into account in their MMS work. The LS was copied to TSG SA for information and was **noted**.

7.1.3 Approval of contributions from TSG SA WG1

CRs:

TD SP-030492: CRs to 22.101 on Modification of emergency number identification rules (R99, Rel-4, Rel-5, Rel-6). These CRs were **approved**.

TD SP-030455: CRs to 22.071 on Correction of requirements on the identity format of LCS clients (Rel-4, Rel-5 and Rel-6). These CRs were **approved**.

TD SP-030456: CRs to 21.905 on to correct the Definition of CDR (Rel-5, Rel-6). These CRs were **approved**.

TD SP-030457: CRs to 22.101 on Clarification on USIM-based access to IMS (Rel-5, Rel-6). These CRs were **approved**.

TD SP-030458: CR to 22.078 to align stage 1 with stage 2 & stage 3 (Rel-5). It was noted that the use of comment boxes within the CR was not appreciated as it could add confusion for implementation of such a CR. Members were asked to take care that this practice does not continue. This CR was **approved**.

TD SP-030459: Assorted CRs to 22.071 on Location Services (Rel-6). These CRs were **approved**.

TD SP-030460: Assorted CRs to 22.140 on MMS (Rel-6). There was some comment on the wording of CR037 and it was decided to review this CR off-line and to clarify it if possible. CR035 was **approved** and CR037 was **postponed** for off-line discussion. A revised CR037R1 was provided in **TD SP-030542** which was **approved**.

TD SP-030461: CRs to 22.140 and 22.038 on MM storage in the USIM (rel-6). There was some objection to CR036 on the technical feasibility of the proposal and the mandating of this on the ME. It was also commented that MMS is defined as a client service and may not necessarily reside on a mobile equipment. The request for this functionality came from ScaG (see the liaison statement in **TD SP-030367**). **It was generally agreed that the Storage and retrieval of MMs, Templates, etc. is a desirable feature and work on a technical solution should be progressed.** The CRs were postponed for off-line discussions on a way forward. After discussions, **TD SP-030550**, CR136R1 on *MM storage in the USIM* and **TD SP-030551** for *UICC interactions with MMS clients* were provided:

TD SP-030550 22.140 CR136R1: MM storage in the USIM (Rel-6). There was some uncertainty on how to write the requirements and whether it is possible to make it mandatory for the ME. The CR was re-drafted to include this in **TD SP-030552** which was **approved**.

SA WG1 were asked to consider what would happen if it is not possible to access the USIM from the MMS Client.

TD SP-030551 22.140 CR038: UICC interactions with MMS clients (Rel-6). A concern was raised that the sender could determine where the MM will be stored on the receivers device. It was **agreed** to send this to SA WG1 check the validity these requirements and to clarify the CR if necessary. T WG3 was also asked to look at this issue and to liaise with SA WG1, in order to avoid any delay in the implementation of this in their specifications (this is intended for Rel-6). The CR was therefore **postponed** and forwarded to SA WG1.

22.038 CR 014 in TD SP-030461 was **approved**.

TD SP-030462: CR to 22.078 on criteria for "change of position" procedures in CAMEL (Rel-6). These CRs were **approved**.

TD SP-030463: Assorted CRs to 22.934 on Wireless LAN (Rel-6). These CRs were **approved**.

TD SP-030464: CRs to 22.041 on ODB and WLAN (Rel-6). These CRs were **approved**.

TD SP-030465: CR to 22.228 to clarify the meaning of Access Independence. This CR was **approved**.

TD SP-030466: Assorted CRs to 22.233 on Packet-switched streaming service (Rel-6). These CRs were **approved**.

TD SP-030467: Assorted CRs to 22.115 on Service Aspects Charging and billing (Rel-6). These CRs were **approved**.

TD SP-030468: CR to 22.243 on Speech recognition framework for automated voice services (Rel-6). This CR was **approved**.

TD SP-030469: CR to 22.240 on Generic User Profile (Rel-6). This CR was **approved**.

TD SP-030514: CR to 22.101: CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-5). This CR was provided by mmO2, Vodafone, Cingular, T-Mobile, Swisscom and KPN and was introduced by mmO2. The proposed CR introduced the mandatory Rel-5 UE support for USIM and GSM Phase 2, 2+, 3GPP Release 1999 and Rel-4 SIM cards. There was support for and objection against mandating this functionality on the UE. It was also noted that no manufacturers present intended to implement Rel-5 UEs which do not have SIM support. It was agreed that there was a business need to support legacy SIMs in Rel-5 UEs. It was suggested, as a compromise, that additional mandatory requirements should not be introduced, but the business need for support could be added as a note. **TIM and 3 expressed strong opposition to the proposal and stated that that this may send a wrong signal to the 3G industry and be interpreted as 3GPP making a U-turn on the decision to adopt the better mechanisms that 3GPP has included in the USIM.**

The CR was re-edited and provided in TD SP-030533 and an alternative proposal with the text in the main body (without "Note") was also provided in TD SP-030543. It was agreed to keep the recommendation in a note, and so CR133R1 in TD SP-030533 was **approved** and CR133R2 in TD SP-030543 was **rejected**.

TD SP-030515: CR to 22.101: CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-6). This CR was provided by mmO2. As for TD SP-030514 above, The CR was re-edited and provided in TD SP-030534 and an alternative proposal with the text in the main body (without "Note") was also provided in TD SP-030544. It was agreed to keep the recommendation in a note, and so CR134R1 in TD SP-030534 was **approved** and CR134R2 in TD SP-030544 was **rejected**.

TD SP-030517: CR: Clarification of Emergency Call Requirements against TS 22.101 v6.4.0. This CR was provided by Lucent Technologies, Siemens and Nokia and was introduced by Lucent Technologies. The proposed CR introduced a clear differentiation between requirements for the UE and requirements for the Core Network and clarification of the requirements for action for a UE to make an emergency call for various scenarios. It was clarified that this had been brought directly to TSG SA as it had been extensively discussed on the SA WG1 e-mail list and the authors felt that agreement could be reached and the CR approved in order to have the changes in Rel-6 after this meeting. It was commented that the scenarios for use, depending on the Domain that the UE is in at the point when an emergency call is attempted needed further definition. It was reported that an earlier version of the CR had been discussed on the SA WG1 e-mail list, but had not been agreed and this version had not been sent to the list. **It was therefore decided to send the CR to SA WG1 for further discussion, re-drafting and agreement.** SA WG1 were asked to consider this at their October meeting and to invite experts from the co-located CN groups and SA WG2 to ensure an acceptable solution. **SA WG1 were also asked to inform all impacted groups of the final CR content.**

TSs and TRs:

TD SP-030470: Priority Service Guide (TR 22.952 version 1.0.0) for information. It was reported that an LS had been sent to relevant groups to review and comment on this TR. It was reported that there are no additional technical impacts identified with this TR. This TR was provided for information and was **noted**. Members were asked to review the TR and provide feedback to SA WG1. The intention is to approve the updated draft at TSG SA meeting #22.

TD SP-030471: IMS Subscription and access scenarios (TR 22.800 version 2.0.0) for approval. This TR was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-030511: Draft TS 22.246 v1.0.0: MBMS User Services. This TS was provided for information and was **noted**. Members were asked to review the TR and provide feedback to SA WG1.

WIDs:

TD SP-030472: Updated WI for GUP. There was some concern over the deletion of linked specifications from the schedule and the need for a full set of linked WIs. It was decided to clarify this off-line and re-submit the WID. The revised WID was provided in **TD SP-030536** which was updated with the correct Rapporteur details in **TD SP-030553** and **approved**.

7.2 TSG SA WG2

7.2.1 Report from TSG SA WG2 and review of progress

TD SP-030373: Report of SA WG2 status. The Status report from SA WG2 was presented by the SA WG2 Chairman.

Slide 24: TR 23.825 v1.0.0 on "Architectural aspects on Charging. It was clarified that this TR will be presented to SA WG5 when it is considered mature enough.

Slide 10: GPRS stage 2 (TS 23.060). It was reported that SA WG2 had not yet dealt with the RAN WG3 LS on this issue.

Slide 7: SA2 Meeting Plan for 2004. It was commented that there are a lot of meetings planned and in the light of the eventual discussions on Release 6 timing, this list should be reviewed. The SA WG2 Chairman said that with the current work load it is required to have two SA WG2 meetings between the plenary but agreed that the meeting schedule for the later half of 2004 should be reviewed when the work load is better known.

Slide 15: IMS - Recommendations to ensure that R5 UE's can interoperate with external SIP Network as defined in R6. The "Recommendation" was questioned as whether SA WG2 were going to mandate or only recommend such functionality. This will be clarified in the relevant CRs for approval.

Slide 22: IPv6 and IPv4 related issues. It was questioned whether there is an intention to include IPv4 in 3GPP specifications. The SA WG2 Chairman replied that this was under investigation within SA WG2 and a WI to study this had been produced. It was commented that the Rel-5 communication requires the IPv6 support in the UE and IPv4 applications running over this were a separate issue.

The SA WG2 Chairman was thanked for his report, which was then **noted**.

7.2.2 Questions for advice from TSG SA WG2

TD SP-030392: Reply LS (from SA WG2) on possible re-organisation of 3GPP charging specification work. This LS was provided for information and was **noted**.

TD SP-030393: LS Response (from SA WG2) on User Data Management architecture requirements. This LS was provided for information and was **noted**.

7.2.3 Approval of contributions from TSG SA WG2

CRs:

TD SP-030521: CRs On 23.002 (Network Architecture). These CRs were **approved**.

TD SP-030375: CRs On 23.060 (GPRS/PS domain stage 2). CRs 444, 459, 460 and 461 were not approved and SA WG2 were asked to further discuss them taking the pending comments from TSG RAN into account. **CRs 442r5, 450r3, 455r1 and 456 were approved.**

TD SP-030376: CRs On 23.107 (QoS). These CRs were **approved**.

TD SP-030377: CRs On 23.195 (Early UE handling). These CRs were **approved**.

TD SP-030378: CR On 23.207 (End to end QoS). This CR was **approved**.

TD SP-030379: CRs On 23.221 (Architecture Requirements). These CRs were **approved**.

TD SP-030380: CRs On 23.228 (IMS Stage 2). A request was made to modify CR337R2 and CR336R1 in section 5.4.2. This was done and the revised CRs 336R2 and 337R3 were provided in **TD SP-030538** (see below). All other CRs were **approved**.

TD SP-030538 CRs 336R2 and 337R3 to 23.228. These CRs were **approved**.

TD SP-030381: CRs On 23.240 (GUP stage 2). These CRs were **approved**.

TD SP-030382: CRs On 23.271 (LCS stage 2). These CRs were **approved**.

TD SP-030398: CRs On 23.141 (Presence). These CRs were revised in **TD SP-030541** and were **approved**.

TSs and TRs:

TD SP-030386: TR 23.917 v.1.0.0 on "policy control" for information. This TR was provided for information and was **noted**. Members were asked to review the TR and provide feedback to SA WG2.

TD SP-030387: TR 23.976 v1.0.0 on "Push architecture" for information. It was noted that Push Notification mechanism using SMS may need some work in T WGs. This TR was provided for information and was **noted**. Members were asked to review the TR and provide feedback to SA WG2.

TD SP-030388: TR 23.851 v1.0.0 on "Network sharing" for information. It was recognised that there were still issues on the use of Broadcast and Network modes of operation in a multiple Network Type and shared RAN environment. This TR was provided for information and was **noted**. Members were asked to review the TR and provide feedback to SA WG2.

TD SP-030389: TS 23.825 v1.0.0 on "Architecture aspects on charging" for information. This TS was provided for information and was **noted**. Members were asked to review the TS and provide feedback to SA WG2.

TD SP-030390: TS 23.246 v2.0.0 on "MBMS" for approval. The SA WG3 Chairman reported that this TS had been reviewed in the SA WG3 MBMS ad-hoc meeting and suggested that the security section was replaced with a reference to the SA WG3 MBMS specification (TS 33.246). This was **agreed**. He also reported that it had been agreed with SA WG3 that the USIM needs to be present for access to MBMS services which was inconsistent with the draft TS. SA WG2 Chairman recognised that this change had not been discussed or communicated to SA WG3 and this would need to be addressed. TSG GERAN had also reviewed the document and some issues had been identified, including the feasibility of supporting a point-to-point connection with a split of flows at the BSC. A joint meeting was thought necessary to resolve these issues. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-030391: TS 23.234 v2.0.0 on "WLAN interworking" for approval. The maturity of the TS was questioned as there are still many open issues. It was clarified that the approval could be sought when considered around 80% complete and it would then be placed under change control and changes could be made in a visible, controlled way so other groups can start their related detailed specification work. There was an objection to approving the TS at this time and it was suggested that scenarios 2 and 3 are presented to the GSMA for the Operators' opinion on these scenarios. There was also support for approving the TS in order to make progress on this work, which would still allow other interested groups to comment on the architecture. It was noted that the issues raised had been discussed from the services and architecture viewpoints and clear guidance should be given that the issues of charging and service interaction require more work and the compatibility with previous scenarios also needs investigation and reports of any issues provided. It was also noted that the scenario 3 will need further elaboration before deciding on the tunnelling functionality of scenario 3.

TSG SA confirmed full support for the work up to and including scenario 2 in the draft TS. Although the rest of scenario 3 was supported, it was recognised that there some investigation was needed for the tunnelling solution for scenario 3. The current end-to-end Tunnelling Solution was agreed as a Working Assumption, and SA WG2 were asked to re-examine the tunnelling and to verify that the end-to-end tunnel solution supports the following items:

- PS Charging capabilities (e.g. flow based charging, GPRS charging mechanisms)
- PS based services as identified in TR 22.934 (e.g. SMS, MMS and IMS)
- Regulatory requirements e.g. Lawful Interception
- Future extensibility into Scenarios 4 and 5

SA WG2 were tasked to provide a report on these issues for the next meeting where the updated TS could be re-presented to TSG SA for approval. SA WG2 were also asked to consider providing a LS to GSMA asking for their input on this Tunnelling solution. Other 3GPP WGs, e.g. CN WGs, should proceed with their work based on the existing TS for scenarios 1 and 2, and the non-tunnelling solution of Scenario 3.

WIDs:

TD SP-030383: WID on "Impacts of Speech Enabled Services on IMS, PS and CS domains". The WID was modified to show that this is a Building Block of the Feature "Speech Enabled Services", in **TD SP-030539** which was **approved**.

TD SP-030384: WID on "3GPP Enablers for services like Push to Talk over Cellular (PoC)". The SA WG1 Chairman asked why the Stage 2 work was starting before the Stage 1 work is available. The SA WG2 Chairman clarified that, by the nature of this service, some aspects of this can be carried out in SA WG2 before the SA WG1 have completed the requirements work. It was clarified that the WID would cover PoC and similar services in case the developed solution could be re-used for other services. It was decided to set up a drafting group to update the WID in **TD SP-030540** which was reviewed and **approved**.

mmO2 commented that this is the first time work will start in 3GPP as a result of activities in OMA, and that the principle for such work should be that it starts with an analysis in both SA WG1 and SA WG2, whether "work item leadership" is assigned to SA WG1 or SA WG2. The work item leadership for this work item is assigned to SA WG2. **SA WG1 and SA WG2 were asked to start work on the subject and to liaise with OMA.**

TD SP-030385: WID on "Interworking aspects and migration scenarios for IPv4 based IMS Implementations". There was some discussion over the impact and value of this study and the possible scenarios in 3GPP for interworking with IPv4-based IMS systems. It was noted that 3GPP2 had adopted IMS

as a platform, but allowed both IPv4 and IPv6 as a solution and this may be important for future interworking. After some discussion for and against the approval of the WID, finally "3" and TIM objected to the approval of the WID. In principle "3" and TIM agree with the principle of IPv4 interworking, however, they are concerned that this may send a wrong signal to the 3G industry and be interpreted as 3GPP making a U-Turn on their decision to adopt IPv6 as the mandatory protocol. These objections were noted and the WID was **approved**.

7.3 TSG SA WG3

7.3.1 Report from TSG SA WG3 and review of progress

TD SP-030473: SA WG3 Status Report at TSG SA#21. The Status report from SA WG3 was presented by the SA WG3 Chairman.

There were no comments on the presentation and the SA WG3 Chairman was thanked for his report, which was then **noted**.

TD SP-030474: Draft Report of SA WG3 meeting #29. This was provided for information and was **noted**.

7.3.2 Questions for advice from TSG SA WG3

SA WG3 had requested a joint session with the OMA Security group. Following agreements made at the 3GPP-OMA Workshop on 15 September 2003, this was now allowed as part of the 3GPP normal co-operation with OMA.

7.3.3 Approval of contributions from TSG SA WG3

CRs:

TD SP-030475: CR to 33.102: Clarification on the usage of the c3 conversion function (Rel-6). This CR was **approved**.

TD SP-030476: 2 CRs to 33.102: [LATE_UE] - IMEISV retrieval before completion of security mode set-up procedure; Mitigation against a man-in-the-middle attack associated with early UE handling (Rel-5). These CRs were **approved**.

TD SP-030477: CR to 33.106: References (Rel-6). The need for the change to references to create a new Rel-6 version of the specification was questioned. It was decided to check that the use of Reference [10] does not introduce a functional change, in which case it should be proposed as a category "C" CR. The LI group were asked to verify this and re-submit the CR to SA WG3. The CR was therefore **rejected**.

TD SP-030478: CR to 33.107: Missing QoS Parameter in IRI (Rel-5). This CR was **approved**.

TD SP-030479: 2 CRs to 33.107: TEL URL for IMS interception identity (Rel-6); Stereo delivery to LEMF (Rel-6). The SA WG3 Chairman reported that the title page table for CR032 had an incorrect title, but this was correct on the CR itself. CR033 was considered to be a Category "F" CR. These CRs were **approved** (CR033 as Category "F" CR).

TD SP-030508: 6 Release 6 CRs to 33.108 (Rel-6). CR020R1 and CR024R1 were considered to be Category "F" CRs. These CRs were **approved** (CR020R1 and CR024R1 were approved as Category F CRs).

TD SP-030509: 2 CRs to 33.108: Syntax error in Annex B.3 (Rel-5 & Rel-6). These CRs were **approved**.

TD SP-030482: 2 CRs to 33.108: Reference errors in Annex G (Rel-5 & Rel-6). These CRs were **approved**.

It was commented that some LI CRs had been made to wrong base versions due to the meeting schedules and that there was no representation from SA WG3-LI group for the presentation of the CRs. SA WG3 were asked to consider this and propose attendance from the SA WG3-LI Group for the presentation of CRs to TSG SA. The timing of the SA WG3-LI Group meetings should also be reviewed to prevent the creation of CRs to the wrong base versions.

All WGs and Sub-WGs were reminded that they should follow the 3GPP Working Procedures in order to ensure efficiency of the approval system.

TD SP-030483: CR to 33.203: Introducing Cipher key Expansion for IMS (Rel-6). This CR was **approved**.

TD SP-030484: CR to 33.203: Modification of the security association lifetime management (Rel-5). This CR was **approved**.

TD SP-030485: CR to 33.203: Annex H in 33.203 (Rel-5). This CR was **approved**.

TD SP-030486: CR to 33.203: Security association handling, behaviour of SIP over TCP and re-authentication (Rel-5). This CR was **approved**.

TD SP-030487: CR to 33.203: Introducing Confidentiality Protection for IMS (Rel-6). This CR was **approved**.

TD SP-030488: 2 CRs to 33.210: Change of IKE profiling (Rel-5 & Rel-6). These CRs were **approved**.

TD SP-030489: 2 CRs to 33.210: Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 (Rel-5 & Rel-6). These CRs were **approved**.

TD SP-030490: CR to 55.216: Clarification on the usage of the Key length (Rel-6). This CR was **approved**.

WIDs:

TD SP-030491: WID: Key Management of group keys for Voice Group Call Services. This WI description was **approved** as a Feature. SA WG3 were asked to keep T WG3 informed as soon as possible on any impact on the USIM.

Other:

TD SP-030397: Feasibility Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces. This was introduced by Toshiba as a proposal for progress on the Feasibility Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces. It was **noted** that this was a Company Contribution from Toshiba and that the proposal had not yet been discussed and agreed by SA WG3. It was reported that the SIM cannot be modified (it is fixed in Release 4) and SA WG3 were asked to keep this in mind. SA WG3 were asked to keep the Architecture and Core Network groups informed about the progress of this work. Toshiba were thanked for the presentation, which was **noted**.

7.4 TSG SA WG4

7.4.1 Report from TSG SA WG4 and review of progress

TD SP-030433: SA WG4 Status Report at TSG SA #21. The Status report from SA WG4 was presented by the SA WG4 Chairman.

The content of Slide 25 was highlighted, and is reproduced here:

A Low-Complexity AMR Noise Suppression (AMR-NS) solution from NEC Corporation was endorsed by SA WG4 at SA WG4 meeting #28. The endorsement means that, based on the test results presented to SA WG4, SA WG4 considers the algorithm meeting the recommended minimum performance requirements as given in TS 26.077. A statement of this acknowledgement is included in the SA WG4 meeting #28 meeting report. (No AMR-NS algorithm itself is specified by SA WG4 nor standardised in 3GPP, i.e. the "endorsement" does not have such meaning. See TS 26.077 for details.)

Slide 24: It was clarified that the updated WID on MBMS had not yet been approved and it was acknowledged that the terminology used in slide 24 would need some review.

Slide 12: It was clarified that the draft 0.3.0 of TS 26.234 was under preparation to develop the Rel-6 version, which would be presented as CRs to create the Release 6 TS when ready (TS 26.234 Rel-5 was already agreed to be split and create 4 new specifications for Rel-6, i.e. TS 26.234, TS 26.244, TS 26.245 and TS 26.246).

Slide 17: It was clarified that this describes the alternative methods on how to proceed which were identified in extensive debate during SA WG4 meeting #28.

The SA WG4 Chairman was thanked for his report, which was then *noted*.

TD SP-030434: Test and processing plan for default Codec evaluation for speech enabled services (SES). This was provided for information and was *noted*.

TD SP-030435: Test Plan for the AMR Narrow-Band Packet Switched Conversation test. This was provided for information and was *noted*.

TD SP-030436: Test Plan for the AMR Wide-Band Packet Switched Conversation test. This was provided for information and was *noted*.

TD SP-030437: AMR-WB+ and PSS/MMS Low-Rate Audio Selection Test and Processing Plan. This was provided for information and was *noted*.

TD SP-030438: PSS/MMS High-Rate Audio Selection Test and Processing Plan. This was provided for information and was *noted*.

TD SP-030439: Funding of Audio Codec Testing. The SA WG4 Chairman explained the funding principles in more detail and delegates were invited to review this document at their leisure. This was provided for information and was *noted*.

7.4.2 Questions for advice from TSG SA WG4

TD SP-030369: LS (from SA WG4) on "Assessment of the SES Codecs ability to reconstruct speech". This was introduced by the SA WG4 Chairman and informed TSG SA that, based on the work done in ETSI Aurora, both the 8 and 16 kHz DSR Codec versions are capable of reconstructing intelligible speech. Therefore, there is no need to carry out the intelligibility tests for the SES candidate Codecs. Reconstruction quality of the SES Codec candidates will be measured for informative purposes only. The LS was *noted*.

Slide 19: Advice is sought from TSG SA on the remaining unsolved issue of (limited) access to source code for the Audio Codec evaluation. A contribution was received on this issue in **TD SP-030506** which was reviewed (see below).

TD SP-030506: Specification format for mandatory Audio Codec (Coding Technologies). This was introduced by Coding Technologies and discusses the remaining issue in SA WG4 for Audio Codec selection rules. Coding technology requested TSG SA to put the compromise solution as described in the SA WG4 report, with the clarifications given in this contribution, into full force and effect. This will allow the testing exercise to begin as scheduled and will ensure timely completion of the work for inclusion into Rel-6 of the specification.

There was a long discussion on the openness needed of the source code for a selected Codec to allow implementation. It was proposed that it would be sufficient to have the decoder and the bit stream publicly available in order to specify the Codec. It was stressed that the requirements for submission of material to allow the comparison tests were independent to the needs for the specification of the selected candidate and this should be defined by SA WG4.

The TSG SA Chairman asked if anyone was opposed to going for the Alternative approach proposed in **TD SP-030506**. Nokia and Ericsson raised concerns about the lack of openness and the fairness to 3GPP Members having access. Coding Technologies stated that the intention is to make the source available under NDA only for use to implement 3GPP specifications.

The TSG SA Chairman asked for an indication (show of hands) of Member companies in favour for the method of providing the full encoder and decoder source codes as attachments to the text of the specification as it is the case for, e.g. GSM HR, GSM EFR, AMR and AMR-WB Codecs: approx 20 - 22 Member companies were counted. He then asked for an indication (show of hands) of Member companies in favour of the alternative method in [TD SP-030506](#): approx 4 - 5 Member companies were counted. It was noted that if not more of the 3GPP members would be willing to accept the alternative approach it would not be likely that final specifications based on this principle would receive much support from 3GPP Members. It was decided to leave some time for off-line discussion and return to this on Thursday morning in order for delegates to have technical consultations with their companies on the exact technical needs for specification to allow implementation of the Audio codec.

The issue was returned to on the morning of 25 September 2003:

The TSG SA Chairman outlined the needs for the selection of a Codec for the 3GPP project: The selection rules need to be agreed containing the requirements for the finally selected Codec, before the selection takes place. After selection, all the information needed in order to produce a 3GPP specification defining the Codec needs to be available in order that the final specification can be approved by 3GPP Members.

[TD SP-030555](#) On the issue of specification format in the Rel-6 PSS Audio Codec selection. This was introduced by NEC and suggested that even though 3GPP have good experience in speech Codec selection and is a technical leader in speech Codec technology, we do not have experience in Audio and Video Codec selection. NEC proposed that 3GPP should learn from procedures used in other standardization body rather than applying the usual speech Codec selection process.

NEC proposed the following requirements for 3GPP Audio Codec specification:

- A detailed encoder and decoder specification (enough to implement a functional Codec),
- The decoder C source code that was used during the evaluation
- A reference encoder C source code (not necessarily quality nor complexity optimised)

It was clarified that the source code was expected to be freely available from 3GPP for download.

Since the Audio Codec selection is a new selection, NEC asked the opinion of delegates from the viewpoint of a 3GPP speech Codec based procedure or Audio/Video Codec selection procedure used in other standardization groups.

The reference to a particular ITU Codec was questioned, it was reported that the ITU also have a Codec for H.263, which does not have C source code available.

The chairman clarified that the goal is to allow a company, whether or not a 3GPP Member, to implement the Codec according to the 3GPP specification. The necessary information to do this needs to be made available. 3GPP need to decide what is required to be provided to allow this before agreeing the rules and process for Codec selection. The chairman stressed that the item in question was solely the requirements for technical documentation of the Audio Codec for PSS/MMS and not the general principle for specifications Codecs, as this would have to be dealt with on a case-by-case basis.

There were 3 methods available for discussion: The NEC proposal ([TD SP-030555](#)), The "*Compromise solution*" ([TD SP-030506](#)) and the method used in the past for 3GPP Speech Codecs selection ([TD SP-030433](#) Slide 17, Method A). The TSG SA Chairman asked for an indication from Members on their willingness to approve a set of specifications for the selected Audio Codec based on each of the options by a show of hands:

| Proposal | Votes For | Votes Against | TSG SA Conclusion: |
|--|-----------|---------------|--|
| NEC proposal (TD SP-030555) | 3 | 20 | Difficult to get final specification agreed. |
| Compromise solution (TD SP-030506) | 2 | 18 | Difficult to get final specification agreed. |
| 3GPP Speech Codec selection method used in the past (TD SP-030433 Slide 17, Method A) | 25 | 0 | Most likely to lead to agreed final specification. |

The chairman therefore concluded that the selection criteria should be based upon having the Source C code freely available at the end of the specification work.

Coding Technologies reported their strong reservations against this agreement and Microsoft added their reservations to this.

Considering references made to different principles for Video Codec specification and the fact that 3GPP will soon need to consider Video Codec specifications, the TSG SA Chairman urged delegates to start considering the issue of Video Codec selection and specification as soon as possible.

3, TIM and Vodafone stated that there should be no preconditions adopted in the selection of Video Codecs, which was agreed.

7.4.3 Approval of contributions from TSG SA WG4

TD SP-030440: Recommendation Criteria for Default Codec for Speech Enabled Services (SES). This was introduced by the SA WG2 Chairman and provided the recommendation criteria for the default Codec for speech enabled services (SES) as agreed at SQ SWG, SA WG4 meeting #27. **TSG SA approved the recommendation criteria.**

CRs:

TD SP-030444: CRs to TS 26.073: Correction of the MMS_IO flag (Release 5). These CRs were **approved**.

TD SP-030445: CR to TS 26.132: Loudness rating measurements at lower bit rates (Release 5). These CRs were **approved**.

TD SP-030446: CRs to TS 26.173: Possible decoder LPC coefficients overflow (Rel 5). These CRs were **approved**.

TD SP-030447: CR to TS 26.204: Possible decoder LPC coefficients overflow (Release 5). It was noted that the headers of this CR contained a reference to the wrong specification (TS 26.173). It was clarified that this was an editorial error due to the use of another CR as a template for this one. This CR was **approved**.

TD SP-030448: CRs to TS 26.234: Corrections (Release 5). These CRs were **approved**.

TD SP-030449: CRs to TS 26.236: Corrections (Release 5). These CRs were **approved**.

TD SP-030450: CR to TS 26.976: Reference to incorrect test results (Release 5). This CR was **approved**.

TD SP-030451: CR to TS 28.062: Removal of Pre-Handover Notification for UMTS (Release 5). This CR was **approved**.

TSs and TRs:

TD SP-030443: TR 26.937 on "RTP usage model" v2.0.0 (Release 5). This TR was **approved** and placed under TSG SA change control as version 5.0.0 (Rel-5).

WIDs:

TD SP-030442: Updated Work Item Description on Definition of MBMS user services, media Codecs, formats and transport/application protocols using Multimedia Broadcast/Multicast Service (MBMS) (Release 6). It was noted that SA WG4 had changed the classification of the WI to a BB from a Feature which introduces a dependency on the completion of this work on the parent MBMS Feature. Delegates were asked to give some consideration to this and consider splitting the SA WG1 MBMS Feature into two independent Features. This updated WI description was **approved**.

7.5 TSG SA WG5

7.5.1 Report from TSG SA WG5 and review of progress

TD SP-030400: Status report of SA WG5 to TSG SA #21. The Status report from SA WG5 was presented by the SA WG5 Chairman.

Slide 19: The re-organisation of the charging work was discussed. It was clarified that SA WG5 had improved their resource problems for this work and that no work should be moved into CN until the Rel-6 work is completed. The TSG CN Chairman reported that the re-organisation of the charging work in 3GPP may involve a number of different WGs across the TSGs in the long-term. It was suggested that SA WG1 should provide the requirements for the charging work however. The SA WG5 Chairman responded that SA WG1 are currently doing high-level requirements and if they would like to be more involved in the charging requirements, then they were welcome to provide input to SA WG5. It was also suggested that a firm decision should be taken in order to allow delegates to plan their work and continue the work without interruption. The SA WG5 Chairman reported that this had been the subject of in-depth discussions in the SA WG5 Charging group who had agreed upon the proposal to delay any re-organisation until after the Rel-6 work is complete.

The TSG SA Chairman stated that the positioning of the work needs a clear scope of work and a clear place where it will be carried out. Also, if related work is being done, the work should be done in the same WG for efficiency. It was the task of TSG SA to develop a recommendation for the positioning of the work. A complete review of the charging work should be carried out in order to arrive at an efficient solution. **It was agreed to have a discussion on this over the TSG SA e-mail list.**

Slide 12: Subscription Management. The status of the work was reported: The work so far done on GUP has been analysed and the protocols coming from GUP are planned to be used for a basis for the Subscription Management. It was also reported that the work of OSA has not been considered, as no resource was made available to evaluate their work.

Slide 18: User Equipment Management. SA WG5 proposed that this work is either postponed to Rel-7 or stopped as there is no progress or support in SA WG5. TSG SA **agreed** to withdraw this WI and if companies decide they would like to re-introduce it, this could be done, with the appropriate support for the work.

The SA WG4 Chairman was thanked for his report, which was then **noted**.

7.5.2 Questions for advice from TSG SA WG5

There were no specific contributions under this agenda item.

7.5.3 Approval of contributions from TSG SA WG5

CRs:

TD SP-030401: Rel-5 CR 32.101 (Telecommunication management; Principles and high level requirements) : Removal / Replacement of the term UMTS. This CR was **approved**.

TD SP-030402: 2 Rel-4/5 CRs 32.102 (Telecommunication management; Architecture) : Correction of subclause X.2.1 in Annex C. These CRs were **approved**.

TD SP-030403: Rel-6 CR 32.102 v5.3.0 (Telecommunication management; Architecture): Update to UML repertoire to support more concise modelling of stage 2 specifications. This CR was **approved**.

TD SP-030404: Rel-6 CR 32.140 (Services operations management; Subscription management requirements): Correction to Fig. 3 (Architecture for management of Subscription Profile components). This CR was **approved**.

TD SP-030406: 3 Rel-4/5 CRs 32.200 (Charging principles). These CRs were **approved**.

TD SP-030407: 3 Rel-4 CRs 32.205 (Charging data description for the Circuit Switched domain). These CRs were **approved**.

TD SP-030408: Rel-5 CR 32.235 (Charging data description for application services) : Correction of content adaptation indication in the MMS Retrieval CDR. This CR was **approved**.

TD SP-030414: Rel-5 CR 32.615 (Configuration Management; Bulk CM IRP: XML file format definition): Add missing Activities to Session Log XML. This CR was **approved**.

TD SP-030415: Rel-4 CR 32.303 (Configuration Management; Notification IRP: CORBA solution set): Incorporation of version handling, adopting release 5 agreements. This CR was **approved**.

TD SP-030416: 2 Rel-4/5 CRs 32.111-4 (Fault Management; Part 4: Alarm IRP: CMIP solution set): Correction of syntax error in type SetComment. These CRs were **approved**.

TD SP-030417: 2 Rel-4/5 CRs 32.624 (Configuration Management; Generic network resources IRP: CMIP solution set): Rel-4/5 alignment of OIDs of some attributes and name bindings. These CRs were **approved**.

TD SP-030418: 6 Rel-5 CRs 32.652/3/4/5, 32.615/645: Inclusion of External BSS Function in GERAN / UTRAN. These CRs were **approved**.

TD SP-030419: 2 Rel-4/5 CRs 32.632 (Configuration Management; Core Network IRP: Network Resource Model): Correction of IOCs Notifications. These CRs were **approved**.

TD SP-030420: Rel-5 CR 32.644 (Configuration Management; UTRAN network resources IRP: CMIP solution set): Correction of wrong attribute name. This CR was **approved**.

TD SP-030421: Rel-5 CR 32.674 (Configuration Management; State Management IRP: CMIP solution set): Addition of the missing OID for ts32-674Package. This CR was **approved**.

TD SP-030430: 3 Rel-6 CRs 32.401 (Performance Management (PM); Concept and requirements). These CRs were **approved**.

TD SP-030431: 6 Rel-4/5/6 CRs 32.403 (Performance Management; Performance measurements - UMTS and combined UMTS/GSM). These CRs were **approved**.

TD SP-030432: Rel-6 CR 32.411 (Performance Management (PM) Integration Reference Point (IRP): Requirements): Expansion of the requirements for threshold alarms on bounded variables. This CR was **approved**.

TSs and TRs:

TD SP-030405: New Rel-6 TS 32.141 v2.0.0 (Services operations management; Subscription management architecture). This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-030409: New Rel-6 TR 32.815 v2.0.0 (Charging management; On-line Charging System (OCS) architecture study). This TR was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6). **SA WG5 were requested to discuss the options in section 5.1.1 "Functional split between Charging Function and Rating Function" and to decide upon a single option and to update the TR to remove the other options.**

TD SP-030410: New Rel-6 TS 32.251 v1.0.0 (Charging Management; Packet Switched (PS) domain charging) - for Information. The void references were questioned the draft. The SA WG5 Chairman reported that the group wanted to allocate the references into blocks of certain subjects. It was also noted that certain references were not used in the document. This TS was provided for information and was **noted**. SA WG5 were asked to take the comments into account. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030411: New Rel-6 TS 32.271 v1.0.0 (Charging Management; Location Service (LCS) Charging). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030412: New Rel-6 TS 32.270 v1.0.0 (Charging Management; Multimedia Messaging Service (MMS) charging). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030413: New Rel-6 TS 32.298 v1.0.0 (Charging Management; Charging Data Record (CDR) Parameter Description). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030422: New Rel-6 TS 32.350 v1.0.0 (Communication Surveillance (CS) requirements). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030423: New Rel-6 TS 32.361 v1.0.0 (Entry Point (EP) Integration Reference Point (IRP): Requirements). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030424: New Rel-6 TS 32.362 (Entry Point (EP) Integration Reference Point (IRP): Information service). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030425: New Rel-6 TS 32.363 (Entry Point (EP) Integration Reference Point (IRP): CORBA solution set). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030426: New Rel-6 TS 32.681 (Inventory Management (IM) Integration Reference Point (IRP): Requirements). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030427: New Rel-6 TS 32.695 (Inventory Management (IM) network resources Integration Reference Point (IRP): XML file format definition). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030428: New Rel-6 TS 32.711 v1.0.0 (Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

TD SP-030429: New Rel-6 TS 32.712 v1.0.0 (Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service). This TS was provided for information and was **noted**. Delegates were invited to study the draft and provide comments to SA WG5.

7.6 Review of TSG SA work programme

There were no specific contributions under this agenda item. The Work Plan is covered in agenda item 8.7.

7.7 Letters to other groups

The following Liaisons were approved:

| | |
|-----------|---|
| SP-030530 | LS to OMA REQ WG, OMA POC WG (Copied to SA1, SA2, CN1, CN3, CN4) on Need for OMA Liaison with 3GPP and 3GPP2 re PoC |
| SP-030554 | LS from TSG SA to 3GPP2 Plenary, OMA TP on proposed workshop on MMS Standardisation Management |

7.8 Other issues

TD SP-030501: 3GPP Dependencies on OMA Deliverables (Nortel Networks). This was introduced by Nortel Networks and discussed. It was agreed that a dependencies list should be maintained. The TSG CN Chairman suggested that it should be maintained in a single point of contact for all 3GPP TSGs. Mr. I. Sharp agreed to maintain this list. Information on dependencies and progress on this work should be forwarded to Mr. Sharp for collation and maintenance of this list. It was noted that a co-ordinated mechanism to gather the information from the other bodies needs to be developed. It was also **agreed** to reflect the content of the list into the 3GPP Work Plan.

It was also considered to be a useful document to be maintained in the other bodies (3GPP2 and OMA) and Members were asked to suggest setting up a similar list in the other Bodies.

TD SP-030371: Presentation Slides: IP QoS Interoperability Issues. This was presented by SBC Communications on behalf of SBC Communications and BT. The presentation discusses the issues of QoS implementation across networks and proposed that: for end to end service delivery, industry convergence on a single set of QoS Classes to be signalled end-to-end is desirable; that the ITU-T QoS Classes should be globally supported and that other end-to-end QoS issues require further consideration.

The TSG CN Chairman commented that it was a little early to start considering the QoS issues in detail as there is not enough experience yet on the performance and end-to-end QoS policies.

It was **noted** that this was a topic for SA WG2 to discuss, but it should not be given high priority at present if this would adversely impact the ongoing Rel-6 work.

The authors were thanked for the presentation which was then **noted**.

TD SP-030527: Inter-network accounting for BS30 based services such as Video telephony. This was introduced by T-Mobile on behalf of T-Mobile and Vodafone. TSG CN were asked to discuss this topic and to instruct CN WG3 to develop a suitable signalling solution for Rel-4, Rel-5 and Rel-6. The TSG CN Chairman reported their handling of this in his Report to TSG SA (no LS was sent).

TSG SA were asked to support this request and to instruct SA WG1 to draft Rel-4 and Rel-5 versions of the CR to TS 22.115 which has already been agreed in SA WG1. TSG SA were also asked to instruct SA WG5 to draft appropriate amendments to TS 32.205 (Rel-4 and Rel-5) and TS 32.250 (Rel-6).

It was noted that there was some support for including this in Rel-4. Such a change to Frozen releases should be reviewed when more information is available.

The proposal of the contribution were accepted in principle and WGs were asked to consider this and report back to TSG SA at the next meeting, where a decision on the practicality of introducing this can be made.

8 Technical coordination with TSG CN, TSG RAN, TSG T and TSG GERAN

8.1 TSG CN

8.1.1 Report and questions for discussion from TSG CN

TD SP-030503: Presentation of highlights from TSG CN meeting #21. The Status report from TSG CN meeting #21 was presented by the TSG CN Chairman.

Questions for Guidance from SA

Inter-network accounting for BS30-based services such as Video (NP-030431)

CN believes this is a problem that needs to be solved

Requests guidance from SA or SA1 on how far back to solve the problem (R99?).

CN requests SA provide consolidated response back to OMA on PoC

Please incorporate input from CN (SP-030505)

CN willing to accommodate charging work (SA5 SWGB)

Up to SA (with input from SA5, SWGB) to decide on move

Eventual migration to normal worksplit:

charging requirements -> SA1

charging architecture -> SA2

Questions and Comments:

Slide 8: It was clarified that TD NP-030431 (**TD SP-030527**) had been discussed in TSG CN but no related CRs have been approved.

The TSG CN Chairman was thanked for his report, which was then **noted**.

TD SP-030537: Draft Report of TSG CN Meeting #21. The draft Report of the TSG CN meeting was provided for information and was **noted**.

TD SP-030504: IETF status report. This was introduced by the TSG CN Chairman.

Summary:

One Rel-5 SIP is draft still not completed (3pcc). This is a minor dependency and could be removed if necessary. 2 drafts approved but still awaiting publication. IETF to continue to try and expedite all outstanding 3GPP Rel 5 dependencies.

11 New Dependencies added for Release 6, bringing total to 78. Additional dependencies may be required as solutions are developed for Ipv4/Ipv6 interworking, transcoding, AMR-WB+ transport, etc.

Most IETF drafts on target for March 2004 timeline.

XCON WG created in IETF to handle conferencing issues.

It was reported that there is work ongoing in IETF on Emergency calls. Work would need to be done on Prioritising Emergency calls in the Network.

The TSG CN Chairman was thanked for his co-ordination work in with the IETF and the report was **noted**. Delegates were invited to take this information into account in their 3GPP work.

8.1.2 Information on Release 1999, Release 4, 5 and 6 in TSG CN

There were no specific contributions under this agenda item. The TSG CN Chairman's report in [TD SP-030503](#) contains information related to this agenda item.

8.1.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The TSG CN Chairman's report in [TD SP-030503](#) contains information related to this agenda item.

8.2 Report from TSG RAN**8.2.1 Report and questions for discussion from TSG RAN**

[TD SP-030531](#):. Presentation of highlights from TSG RAN meeting #21. The Status report from TSG RAN meeting #21 was presented by the TSG RAN Chairman.

Questions and Comments:

Slide 8: It was clarified that the request for resources to PCG was for MCC Support. The impact of not receiving the resources would be problems in the handling of approved CRs in the meeting which has no MCC support to organise this for TSG Plenary. WGs were warned that good control of their CRs would need to be ensured within un-supported meetings. Concern was also expressed from some SA WGs that more than one meeting will be needed between TSG Plenaries. The TSG SA Chairman responded that the PCG would decide and hopefully the most loaded groups would receive any extra support allocation possible.

Slide 5: The work on repeaters was reported as progressing very slowly.

Slide 7: It was reported that the re-scheduling of the MBMS Workshop between WGs meant that RAN WG1 delegates could not attend. This was **noted** as the invitation for the workshop has already been transmitted.

The TSG RAN Chairman was thanked for his report, which was then **noted**.

[TD SP-030532](#):. Draft Report of TSG RAN meeting #21. This was provided for information and was **noted**.

[TD SP-030395](#): LS from RAN WG3: Remote Control of Electrical Tilting Antennas. It was noted that SA WG5 need to investigate this. The LS was then **noted**.

[TD SP-030535](#) TR 25.803 v1.0.0 "S-CCPCH performance for MBMS". This TR had been presented to TSG RAN and was provided to TSG SA for information. The TR will be forwarded to the joint meeting between WGs. This document was **noted**.

8.2.2 Information on Release 1999, Release 4, 5 and 6 status in TSG RAN

There were no specific contributions under this agenda item. The TSG RAN Chairman's report in [TD SP-030531](#) contains information related to this agenda item.

8.2.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The TSG RAN Chairman's report in [TD SP-030531](#) contains information related to this agenda item.

8.3 Report from TSG T

8.3.1 Report and questions for discussion from TSG T

[TD SP-030529](#): TSG T#21 Progress Report. The Status report from TSG T meeting #21 was presented by the TSG T Chairman.

T WG2:

T WG2 discussed their GUP WID:

- All supporting companies with one exception whose names are on this WID have stated that they have no intention to provide any input to progress this work
- Companies whose names are not on the WID are providing contributions
- T2 sought the further support for input from companies at TSG-T

T WG2 SWG1 had been dissolved. MExE work will continue with the Rapporteur, under direction of T WG2.

The second position of T WG2 Vice Chair is still vacant.

T WG3:

Support of Short File Identifiers by EFs in DF_Phonebook

Long discussion about the interpretation of SFI (Mandatory or Optional) - Concluded to mandate the SFI in these files.

This leads to a restriction of max. 30 EFs in DF_PHONEBOOK. This needs to be resolved from Rel-6 onwards

USIM usage for MBMS security

Ongoing discussion in SA WG3 on the usage of the USIM for MBMS security will impact the T WG3 specifications.

T WG3 encourage TSG T and TSG SA to involve T WG3 in this work as the inclusion of the feature to the smart card for Rel-6 is time critical

2 options on how to proceed:

- Let the work start in T WG3 before SA WG3 and SA WG1 work completion
- Leave T3 some time after Rel-6 official completion date

Questions and Comments:

Slide 19: It was clarified that the OMA Security Group would be asked to keep T WG3 involved in any (U)SIM-related issues with their Device management work.

Slide 18: USIM usage for MBMS security: It was clarified that it was not expected to have the SA WG1 and SA WG3 work fully complete before T WG3 start their work, but sufficient guidance should be provided to allow T WG3 to progress their work. **SA WG1 and SA WG3 were encouraged to provide stable information to T WG3 as soon as possible.** The SA WG3 Chairman reported that discussion on this was on the agenda for the October meeting and information would be provided to T WG3 as soon as agreement is reached. The TSG T Chairman asked whether work could be started in their WGs before the requirements from the SA WGs are complete. It was clarified that this was always allowed, but if the final requirements are different from the assumptions made in T WGs, then the work in the T WGs may have to be reviewed and revised. This is a risk that the individual WGs would need to take into account when deciding whether to start their work before the requirements are ready.

Slide 15: It was reported that the condition for the approval of the CRs (TS 31.102, TS 11.11, TS 51.011) had been fulfilled in TSG CN and the CRs were therefore approved.

The TSG T Chairman reported that the MCC Secretary to T WG1 had been replaced by Mr. A. Sultan who has other tasks in MCC and is currently overloaded with this work. **The TSG T Chairman reported his intention to bring this resource issue up with the head of MCC and the PCG for resolution.**

The TSG T Chairman was thanked for his report, which was then **noted**.

TD SP-030528: Proposed LS from SA to 3GPP2 Plenary, OMA TP on proposed workshop on MMS Standardisation Management. This was introduced by the TSG T Secretary. It was clarified that this would be a workshop between the Members of 3GPP, 3GPP2 and OMA. Individual Members would be responsible for proposing anything coming from this to the respective bodies. TSG SA **endorsed** the proposed terms of reference for the workshop. Some editorial changes were suggested and clarification that decisions are not binding on the Bodies but may be input to them via their Members was added and the LS was updated in **TD SP-030546** (with revision marks, and reviewed. The LS was revised to remove revision marks in **TD SP-030554** and was **approved**.

8.3.2 Information on Release 1999, Release 4, 5 and 6 status in TSG T

TD SP-030396: LS from T WG2: Emergency services using SMS / MMS. This was introduced by the TSG T Secretary. T WG2 asked TSG SA and TSG T to debate this subject and decide whether further action by 3GPP should be taken at this stage and what those actions should be. It was clarified that a European Commission requirement for location in conjunction with Emergency Service mentioned SMS. It was also **agreed** that SMS / MMS services are store and forward services and **cannot be considered as a suitable service for Emergency call use due to the lack of guaranteed delivery**. It was noted that Priority services may also be needed on these services in order to fulfil the Emergency Services requirements.

8.3.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The TSG T Chairman's report in **TD SP-030529** contains information related to this agenda item.

8.4 Report from TSG GERAN

8.4.1 Report and questions for discussion from TSG GERAN

TD SP-030512: TSG GERAN Status Report to TSG SA#21. The Status report from TSG GERAN was presented by the TSG GERAN Chairman.

TSG GERAN have been made aware of problems with Release 1999 mobiles in some pre-Release 1999 networks: Release 1999 mobiles might be rejected due to the revision level indication in the Classmark - Release 1999 extensions to GPRS protocols might cause the network to reject messages. Specifications have in the past been updated to clarify their behaviour. An has been LS sent to GSMA asking for action to help quick deployment of network "corrections" A positive answer was received indicating that GSMA have taken action. No further action will be taken by TSG GERAN.

DTM: A significant change of mandatory support in mobile and network has been agreed in order to ease and speed-up deployment. Now support of class 5 (two timeslots) is mandatory, whereas before support of class 1 (one timeslot) was mandatory.

Questions and Comments:

Slide 15: The term to replace logical channel was requested. It was explained that the term had been used to mean many things and needed clarification.

Slide 16: SAIC: It was reported that the potential gain results showed around 2 dB. The actual gain received depended on the penetration of the new mobiles in the coverage area (increasing up to around 2 dB with increasing penetration).

The TSG GERAN Chairman thanked himself for giving his report, which was then **noted**.

8.4.2 Information on Release 1999, Release 4, 5 and 6 status in TSG GERAN

There were no specific contributions under this agenda item. The TSG GERAN Chairman's report in TD SP-030512 contains information related to this agenda item.

8.4.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The TSG GERAN Chairman's report in TD SP-030512 contains information related to this agenda item.

8.5 Letters to other groups

There were no specific contributions under this agenda item. Approved LSs from TSG SA are listed under agenda item 7.7.

8.6 3GPP Work plan

TD SP-030524: 3GPP Work Plan before TSG Plenaries #21. This was introduced by A. Sultan, MCC Work Plan Manager. This was provided for information and was noted.

TD SP-030525: Slide Presentation of the Work Plan, including results from TSGs CN, RAN and T meetings #21. The MCC Project Plan manager (A. Sultan) presented the summary of the work plan which had been produced by MCC.

Questions and Comments:

Slide 34: IMS Phase 2, Local services. Stage 3: not started. Is Stage 2 stable enough for CN WG1 to start the work? If yes, where?

No, the Stage 2 is not stable enough.

Slide 47: Speech Recognition and Speech Enabled Services. Is any more work needed (e.g. by CN WG1)?

No

Slide 50: WLAN Interworking work.

It was clarified that this TS 23.234 had not been rejected, but SA WG2 were to continue work on Scenario 3 and to provide a report on these issues for the next meeting. Scenarios up to Scenario 2 could be used as a basis for the Stage 3 work.

Slide 52: Priority Service.

Foreseen Completion date was reported as possible by December 2003 as no stage 3 CRs were expected.

Slide 54: QoS Improvements, Policy-based control of DiffServ. Who is supporting this item?

No support for this work was indicated. SA WG2 should check again for support within their members and delete the WI if none is received.

Slide 68: PoC.

It was reported that there would be some consideration on this in SA WG1, although it was not thought that Stage 1 specification work was needed.

Conclusions:

The present Foreseen Completion Dates show that March 2004 could be an appropriate date for freezing Release 6 (22 Features presently anticipated to be completed at this date out of the 29 Features considered). However, the FCD of 12 out of these 29 Features were shifted in the last three months, showing some instability of these dates. The estimates will be more accurate when the Stage 2 will be stable in December. If only one WG meeting is going to take place between two TSGs in 2004 and most of the Features' Stage 2 is to be completed by December, this gives only one WG meeting to complete the Stage 3 for these Features. Is it realistic?

It was recognised that some flexibility would be needed in the freezing of Rel-6 due to the co-operation needed with other bodies (e.g. OMA) for requirements work.

It is proposed to wait until TSG #22 to take a decision on the Rel-6 freezing date.

It was agreed to freeze the requirements for Rel-6. This means that the acceptance of new requirements into the current Rel-6 work plan from this point forward are not permitted without strong justification. Therefore, in principle, no new requirements would be accepted for Rel-6 from this point. It was clarified that any requirements coming from OMA would be

considered on a case-by-case basis and full justification for inclusion would be required and that the work already directed into SA WG1 or SA WG2 by TSG SA, such as PoC, is already allowed.

It was agreed that with the Stage 1 work frozen, the status of the Stage 2 (and Stage 3) work will be evaluated at the next meeting in order to determine if a Release 6 freeze date can be determined.

8.7 Review of Release 1999, Release 4 and Release 5 specification sets

TD SP-030526: Overview of Release 5. The MCC Project Plan manager (A. Sultan) presented this compilation of the Release 5 Features which had been produced by MCC. MCC were commended for producing this document and it was agreed to make it available via the 3GPP web site. The document was then noted.

TD SP-030496: Specs status list prior to TSGs#21. This was introduced by the MCC Specifications manager (J. Meredith) and was provided for information and noted. Delegates were asked to provide any comments to the MCC Specifications manager.

TD SP-030497: Status List after TSGs #21. As usual, this will be provided to the 3GPP FTP server after the meeting, incorporating the changes that occurred to the status of specifications at the TSG meetings.

TD SP-030498: CRs to lists of specs. These CRs were approved.

TD SP-030499: CR to 21.900. This was introduced by the MCC Specifications Manager (J. Meredith). Motorola made the following questions and comments:

- Text introduced into one version of the working procedures implies that there could be different working methods for each Release. It was suggested that TR 21.900 should be made Release Independent.
- Text introduces terms not normally used in 3GPP, e.g. *stage 4* terminology for test specs. Normal practice would be to reference ITU I.130 and not to copy text from the referenced document.
- Referring to the references section, it was asked whether TS 21.102 (Rel-4) and TS 41.102 (Rel-4) still exist.
- Consequences if not approved, although not required at this time for Rel-6, it should have a better explanation.

TSG SA noted these comments and the CR was approved. **MCC were asked to bring a new CR to TSG SA meeting #22, making it Release Independent and updating the references appropriately.**

8.8 Review of Release 6 status, content and completion

There were no specific contributions under this agenda item. Information on this was provided under agenda item 8.7.

8.9 Beyond Release 6 and/or Current work plan (Vision, Phasing, New Technology, etc.)

TD SP-030518: TR 21.902 version 2.0.0. This TR was approved and placed under TSG SA change control as version 6.0.0 (Rel-6). It was decided that the maintenance of this TR will be done by TSG SA. Any other TSG or WG may bring CRs to this TR, but it was agreed that any CR should be provided at least 1 week before the start of a TSG SA meeting in order to allow correct preparation for dealing with the CRs at the TSG SA meeting. It was clarified that no changes were expected on this TR until the freezing of Release 6 and therefore CRs were not expected until then.

TD SP-030523: Report of Future Evolution meeting before TSG meetings #21. This was provided by the Chairman of the Future Evolution meeting and was noted.

TD SP-030519: Release 6 Completion Schedule. This was used in off-line discussions and the was noted.

TD SP-030520: Evolution and Management of 3GPP specifications beyond Release 6. This was introduced by mmO2 for discussion. There was some debate over the proposed working methods **<RETURN text needed for conclusion>**

8.10 Other issues

There were no specific contributions under this agenda item.

9 Project Management

9.1 Review of work programme

There were no specific contributions under this agenda item. This was covered under agenda item 8.7.

9.2 Working methods

There were no specific contributions under this agenda item.

9.3 Other issues

There were no specific contributions under this agenda item.

10 Project support

[TD SP-030549](#): MCC report to TSG SA #21. This was presented by the head of MCC (A. Scrase) and provided information on the running of MCC and resource issues. There was some debate over the resources available to MCC and the number of meetings that the WGs require. The TSG Chairman stated that this could not be resolved by TSG SA, as it is a financing issue and the SDOs and ultimately their Members who provide the funding for MCC.

11 Postponed issues from earlier in the meeting

[TD SP-030558](#) Actions following the OMA-3GPP Workshop. This was provided to replace [TD SP-030557](#) which had a reproduction error causing a lack of cover page. This was introduced by Openwave, for information on the OMA-oriented results of the Workshop. It was proposed to make this available for information to the 3GPP PCG. This was **agreed**. The document was then **noted**.

12 Work plan and future meetings

[TD SP-030545](#): Invitation to the 3GPP TSG #22 Meetings December 9 - 18, 2003 in Maui, Hawaii, USA. This was provided for information and was **noted**.

[TD SP-030548](#): TSG Calendar of meetings. This was provided for information and was **noted**.

[TD SP-030547](#): Logistics of SA plenary meetings (Nortel Networks, T-Mobile). This was introduced by Nortel Networks and proposed to run a 3-day TSG SA meeting from Monday lunch to Thursday lunch as this gives less time away from home for delegates on average. It was recognised that this would not be better for delegates who need to stay over the weekend between plenaries. It was also suggested that the possibility of holding all TSGs in a single week should be considered in the future. The expected work load for 2004 should also be estimated, but this was difficult as it is usually controversial issues which cause long discussions, rather than the number of CRs, TSs/TRs and WIDs. The TSG SA Chairman thought that in cases of contentious issues and technical compatibility problems it is important to have off-line time and the possibility to have ad-hoc activities during the TSG SA meeting. He therefore **personally** preferred to allocate a 4-day time frame for the TSG SA meetings.

It was decided to re-visit this subject at the December 2003 meeting when the timing needs could be better estimated.

13 Any other business

There were no specific contributions under this agenda item.

14 Close of meeting

The TSG SA Chairman thanked the delegates for their hard work and cooperation during the meeting, the Meetings Hosts, Siemens and the Support staff for the excellent facilities provided for the TSG meetings. The TSG SA Chairman thanked Vodafone for the very enjoyable Social Event that they sponsored on the Monday Evening. He then closed the meeting.

Annex A: Co-ordinates of TSG and WG Officials

A.1 TSG SA Officials

| Position | Name | Company | e-mail | Telephone | Fax | (Mobile Tel.) |
|------------------------------|--------------------|---|--|----------------------|-------------------------|-------------------|
| TSG SA Officials: | | | | | | |
| Chairman | Niels Andersen | MOTOROLA | npa001@email.mot.com | +45 43 48 81 10 | +45 43 48 80 01 | +45 4018 4793 |
| Vice Chairman | Gary Jones | VoiceStream | gary.jones@voicestream.com | +1 301 951 2524 | +1 703 715 2365 | +1 201486 0949 |
| Vice Chairman | Hiroshi Nakamura | NTT DoCoMo | naka@netlab.nttdocomo.co.jp | +81 46 840 3970 | +81 86 840 3723 | |
| Secretary | Maurice Pope | 3GPP Support Team | maurice.pope@etsi.org | +33 4 92 94 42 59 | +33 4 92 38 52 59 | |
| TSG SA WG1 Officials: | | | | | | |
| Chairman | Michele Zarri | T-Mobile (UK) | michele.zarri@t-mobile.co.uk | | +44 170 73 16009 | +44 79 3200 2114 |
| Vice Chairman | Randolph Wohlerl | Pacific Bell Wireless | rwohlerl@tri.sbc.com | +1 512 372 5838 | +1 512 372 5891 | |
| Vice Chairman | Paul Carpenter | RIM | pcarpenter@rim.net | +44 7736 961131 | +44 1784 477 455 | |
| Secretary | Michael Clayton | 3GPP Support Team | michael.clayton@etsi.org | +33 4 92 94 42 28 | +33 4 92 38 52 28 | +33 6 74 40 83 68 |
| TSG SA WG2 Officials: | | | | | | |
| Chairman | Magnus Olsson | Ericsson LM | magnus.olsson@era.ericsson.se | +46 8 585 31454 | | +46 70 576 1918 |
| Vice Chairman | Akishige Noda | Fujitsu | aki.noda@jp.fujitsu.com | +81 44 75 44 196 | +81 44 75 44 147 | |
| Vice Chairman | Alexander Milinski | Siemens AG | alexander.milinski@siemens.com | +49 89 636 75209 | | +49 175 180 45 12 |
| Secretary | Sang-Ui Yoon | 3GPP Support Team | sang-ui.yoon@etsi.org | +33 4 92 94 42 97 | +33 4 92 38 52 97 | |
| TSG SA WG3 Officials: | | | | | | |
| Chairman | Valtteri Niemi | Nokia | valtteri.niemi@nokia.com | +358 50 48 37327 | +358 9 4376 6850 | |
| Vice Chairman | Michael Marcovici | Lucent Technologies | marcovici@lucent.com | +1 630 979 4062 | +1 630 224 9955 | |
| Vice Chairman | Peter Howard | Vodafone | peter.howard@vodafone.com | +44 1635 676206 | +44 1635 231721 | +44 7787 154058 |
| Secretary | Maurice Pope | 3GPP Support Team | maurice.pope@etsi.org | +33 4 92 94 42 59 | +33 4 92 38 52 59 | |
| TSG SA WG4 Officials: | | | | | | |
| Chairman | Kari Jarvinen | Nokia | kari.ju.jarvinen@nokia.com | +3587180 35854 | +358 7180 35888 | +358 50 555 0999 |
| Vice Chairman | Catherine Quinquis | Orange France | catherine.quinquis@francetelecom.com | +33 2 96 05 14 93 | +33 2 96 05 35 30 | |
| Vice Chairman | Frédéric Gabin | NEC Technologies (UK) | frederic.gabin@nectech.fr | +33 1 49 07 28 21 | +33 1 49 07 20 01 | +33 6 23 05 24 50 |
| Secretary | Paolo Usai | 3GPP Support Team | paolo.usai@etsi.org | +33 4 92 94 42 36 | +33 4 92 38 52 36 | +33 6 74 40 83 73 |
| TSG SA WG5 Officials: | | | | | | |
| Chairman | Michael Truss | Motorola | Michael.Truss@motorola.com | +353 21 511 327 | +353 21 357 635 | |
| Vice Chairman | Yewen Li | China Mobile Communications Corporation | liyewen@chinamobile.com | +86 10 66006688-1771 | +86 10 66006235 | |
| Vice Chairman | Christian Toche | Nortel Networks | toche@nortelnetworks.com | +33 1 69 55 44 91 | +33 1 69 55 13 46 | |
| Secretary | Adrian Zoicas | 3GPP Support Team | adrian.zoicas@etsi.org | +33 4 92 94 42 21 | +33 4 92 38 52 21 | |

A.2 TSG CN Officials

| Position | Name | Company | e-mail | Telephone | Fax | (Mobile Tel.) |
|---|-------------------|---------------------|--|-------------------|-------------------|-------------------|
| TSG CN Officials: | | | | | | |
| Chairman | Stephen Hayes | Ericsson | stephen.hayes@ericsson.com | +1 972 583 5773 | +1 972 644 3036 | |
| Vice Chairman | Iain Sharp | Nortel Networks | isharp@nortelnetworks.com | +44 1628 43 42 87 | +441628437310 | |
| Vice Chairman | Kunihiko Taya | NEC | taya@bk.jp.nec.com | +81 3 3798 6560 | +81 3 3798 4626 | |
| Secretary | David Boswarthick | 3GPP Support Team | david.boswarthick@etsi.org | +33 4 92 94 42 78 | +33 4 92 38 52 78 | |
| TSG CN WG1 Officials: | | | | | | |
| Chairman | Hannu Hietalahti | Nokia | hannu.hietalahti@nokia.com | +358 40 502 1724 | +358 10 505 7999 | +358 40 502 1724 |
| Vice Chairman | Andrew Howell | Motorola Ltd | andrew.howell@motorola.com | +44 1256 790 170 | +44 1256 790 190 | +44 77 85 363 850 |
| Vice Chairman | Richard Brook | Samsung Electronics | richardbrook39@aol.com | +44 1594 836646 | +44 1784 428629 | +44 7776 181555 |
| Secretary | Per J. Jorgensen | 3GPP Support Team | PerJohan.Jorgensen@etsi.org | +33 4 92 94 42 31 | +33 4 92 38 52 31 | |
| TSG CN WG2 Officials: | | | | | | |
| Chairman | Keijo Palviainen | NOKIA | keijo.palviainen@nokia.com | +358 9 511 69669 | +358 9 5112 9253 | +358 40 558 5623 |
| Vice Chairman | Rogier Noldus | Ericsson | rogier.noldus@etm.ericsson.se | +31 161 249 400 | +31 161 249 904 | +31 6 516 13908 |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Andrijana Jurisic | 3GPP Support Team | andrijana.jurisic@etsi.org | +33 4 92 94 43 09 | +33 4 92 38 53 09 | |
| TSG CN WG3 Officials: | | | | | | |
| Chairman | Norbert Klehn | Siemens | norbert.klehn@icn.siemens.de | +49 30 386 290 90 | +49 30 386 44255 | |
| Vice Chairman | Juha Räsänen | Nokia | juha.a.rasanen@nokia.com | +358 40 543 9058 | +358 9 5112 9626 | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | David Boswarthick | 3GPP Support Team | david.boswarthick@etsi.org | +33 4 92 94 42 78 | +33 4 92 38 52 78 | |
| TSG CN WG4 Officials: | | | | | | |
| Chairman | Peter Schmitt | Siemens | peter.schmitt@icn.siemens.de | +49 6621 169152 | +49 66 211 69 122 | +4915114016084 |
| Vice Chairman | Toshiyuki Tamura | NEC Corporation | tamurato@aj.jp.nec.com | +81 471 85 6706 | +81 471 85 6962 | |
| Vice Chairman | Peter Wild | Vodafone | peter.wild@vodafone.com | +49 211 533 3798 | +49 211 533 3804 | +49 172 7211170 |
| Secretary | Kimmo Kymalainen | 3GPP Support Team | kimmo.kymalainen@etsi.org | +33 4 92 94 42 38 | +33 4 92 38 52 38 | |
| TSG CN WG5 Officials: | | | | | | |
| Chairman | Chelo Abarca | Alcatel | chelo.abarca@alcatel.fr | +33 1307 70469 | +33 1307 70230 | |
| Vice Chairman | Musa Unmehopa | Lucent Technologies | unmehopa@lucent.com | +31 35 687 1684 | +31 35 687 5822 | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Adrian Zoicas | 3GPP Support Team | adrian.zoicas@etsi.org | +33 4 92 94 42 21 | +33 4 92 38 52 21 | |
| TSG CN AHG1 (ITU-T Co-ordination) Officials: | | | | | | |
| Chairman | Yun Chao Hu | Ericsson | Yun-Chao.Hu@era.ericsson.se | + 46 8 508 78153 | | |
| Secretary | David Boswarthick | 3GPP Support Team | david.boswarthick@etsi.org | +33 4 92 94 42 78 | +33 4 92 38 52 78 | |

A.3 TSG RAN Officials

| Position | Name | Company | e-mail | Telephone | Fax | (Mobile Tel.) |
|---|--------------------|-----------------------|--|-------------------|-------------------|--------------------|
| TSG RAN Officials: | | | | | | |
| Chairman | Francois Courau | Alcatel | francois.courau@alcatel.fr | +33 1 30 77 94 68 | +33 1 30 67 94 30 | +33 6 08 82 20 22 |
| Vice Chairman | Donald Zelmer | Cingular Wireless LLC | don.zelmer@cingular.com | +1 404 236 5912 | +1 404 236 5968 | +1 404 625 7659 |
| Vice Chairman | Eisuke Fukuda | Fujitsu | efukuda@jp.fujitsu.com | +81 44 754 4142 | +81 44 754 4186 | |
| Secretary | Cesar Gutierrez | 3GPP Support Team | cesar.gutierrez@etsi.org | +33 4 92 94 43 21 | +33 4 92 38 53 21 | +33 6 74 40 83 64 |
| TSG RAN WG1 Officials: | | | | | | |
| Chairman | Dirk Gerstenberger | ERICSSON L.M. | dirk.gerstenberger@era.ericsson.se | +46 8 585 33901 | +46 8 508 79600 | |
| Vice Chairman | Masafumi Usuda | NTT DoCoMo | usuda@wsp.yrp.nttdocomo.co.jp | +81 468 40 3190 | +81 468 40 3762 | |
| Vice Chairman | Juho Lee | Samsung Electronics | juhlee@samsung.com | +82 31 279 5115 | +82 31 279 5513 | |
| Secretary | Tsukasa SASAKI | 3GPP Support Team | tsukasa.sasaki@etsi.org | +33 4 92 94 43 22 | | |
| TSG RAN WG2 Officials: | | | | | | |
| Chairman | Denis Fauconnier | Nortel | dfauconn@nortelnetworks.com | +33 1 39 44 52 87 | +33 1 39 44 50 12 | +33 06 64 04 35 29 |
| Vice Chairman | Francesco Grilli | Qualcomm Europe | fgrilli@qualcomm.com | +1 858 845 3742 | +1858 658 2113 | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Claude ARZELIER | 3GPP Support Team | clauze.arzelier@etsi.org | +33 4 92 94 42 61 | +33 4 92 38 52 61 | |
| TSG RAN WG3 Officials: | | | | | | |
| Chairman | Alexander Vesely | Siemens AG | alexander.vesely@siemens.com | +43 5 1707 21318 | +43 5 1707 51924 | +43 676 379 2624 |
| Vice Chairman | Jim Miller | InterDigital | jim.miller@interdigital.com | +1 516 622 4071 | +1 516 622 0100 | |
| Vice Chairman | Cheng Hock Ng | NEC | ngcheng@da.jp.nec.com | +81 471 85 6706 | +81 471 85 6863 | |
| Secretary | Joern Krause | 3GPP Support Team | joern.krause@etsi.org | +33 4 92 94 42 52 | | |
| TSG RAN WG4 Officials: | | | | | | |
| Chairman | Howard Benn | Motorola | bennh@ecid.cig.mot.com | +44 1 793 566266 | +44 1 793 566225 | |
| Vice Chairman | Takaharu Nakamura | Fujitsu / ARIB | poco@flab.fujitsu.co.jp | +81 44 754 3850 | | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Cesar Gutierrez | 3GPP Support Team | cesar.gutierrez@etsi.org | +33 4 92 94 43 21 | +33 4 92 38 53 21 | |
| 3GPP Ad-hoc group on ITU-R (internal) co-ordination: | | | | | | |
| Contact person | Nicola Magnani | CSELT | nicola.magnani@cse.lt | +39 011 228 7089 | +39 011 228 5295 | |

A.4 TSG T Officials

| Position | Name | Company | e-mail | Telephone | Fax | (Mobile Tel.) |
|-----------------------------|---------------------|----------------------------|--|-------------------|-------------------|-------------------|
| TSG T Officials: | | | | | | |
| Chairman | Sang-Keun Park | Samsung Electronics | skpark@samsung.com | +82 31 2795300 | +82 31 279 5265 | +82-11-349-6535 |
| Vice Chairman | Ed Ehrlich | Nokia | ed.ehrlich@nokia.com | +1 972 894 4495 | +1 972 894 5525 | +1 214 707 0812 |
| Vice Chairman | Kevin Holley | BT | kevin.holley@bt.com | +44 1473 605604 | +44 1473 623794 | +44 7802 220811 |
| Secretary | Friedhelm Rodermund | 3GPP Support Team | friedhelm.rodermund@etsi.org | +33 4 92 94 43 24 | +33 4 92 38 53 24 | |
| TSG T WG1 Officials: | | | | | | |
| Chairman | Phillip Brown | 3 | phillip.brown@three.co.uk | +44 1628 765465 | +44 1628 766012 | +44 7799 628410 |
| Vice Chairman | Dan Fox | Anritsu Ltd | dan.fox@eu.anritsu.com | +44 7909 983357 | +44 1582 433 276 | |
| Vice Chairman | Hisashi Nakagomi | NTT DoCoMo | hisashi@cet.yrp.nttdocomo.co.jp | +81-468-40-3100 | +81-468-40-3733 | |
| Secretary | Alain Sultan | 3GPP Support Team | alain.sultan@etsi.org | +33 4 92 94 42 71 | +33 4 93 65 28 17 | |
| TSG T WG2 Officials: | | | | | | |
| Chairman | Ian Harris | Teleca | ian.harris@teleca.com | +44 1225 481 188 | | |
| Vice Chairman | Paul Voskar | Nokia | paul.voskar@nokia.com | +44 1252 867427 | +44 1252 865693 | +44 7771 980 062 |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Friedhelm Rodermund | 3GPP Support Team | friedhelm.rodermund@etsi.org | +33 4 92 94 43 24 | +33 4 92 38 53 24 | |
| TSG T WG3 Officials: | | | | | | |
| Chairman | Nigel Barnes | Motorola | nigel.barnes@motorola.com | +44 1256 790 169 | +44 1 256 790 190 | +44 7785 31 86 31 |
| Vice Chairman | Jean-Francois Rubon | Gemplus Card International | jean-francois.rubon@gemplus.com | +33 4 42 36 66 39 | +33 4 42 36 41 00 | +33 6 88 38 76 65 |
| Vice Chairman | Paul JOLIVET | DoCoMo Europe | jolivet@docomo.fr | +33 1 56 88 30 30 | +33 1 56 88 30 45 | +33 6 84 77 71 71 |
| Secretary | Claus Dietze | 3GPP Support Team | claus.dietze@etsi.org | +33 4 9294 42 90 | +33 4 92 38 52 90 | |

A.5 TSG GERAN Officials

| Position | Name | Company | e-mail | Telephone | Fax | (Mobile Tel.) |
|--|-------------------------------|--------------------|--|-------------------|-------------------|-------------------|
| TSG GERAN Officials: | | | | | | |
| Convenor | Niels Andersen | MOTOROLA | npa001@email.mot.com | +45 43 48 81 10 | +45 43 48 80 01 | +45 4018 4793 |
| Vice Chairman | Michael Färber | Siemens | michael.farber@icn.siemens.de | +49 89722 24935 | +49 89722 24450 | +49 171 334 0786 |
| Vice Chairman | Marc Grant | SBC Communications | marc.grant@sbc.com | +1 512 372 5834 | +1 512 372 5891 | +1 925 3477 |
| Secretary | Paolo Usai | 3GPP Support Team | paolo.usai@etsi.org | +33 4 92 94 42 36 | +33 4 92 38 52 36 | +33 6 74 40 83 73 |
| TSG GERAN WG1 & WG3 Officials: | | | | | | |
| Convenor | Niels Andersen | MOTOROLA | npa001@email.mot.com | +45 43 48 81 10 | +45 43 48 80 01 | +45 4018 4793 |
| Vice Chairman | Vacancy | | | | | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Paolo Usai | 3GPP Support Team | paolo.usai@etsi.org | +33 4 92 94 42 36 | +33 4 92 38 52 36 | +33 6 74 40 83 73 |
| TSG GERAN WG2 Officials: | | | | | | |
| Chairman | José Luis Carrizo Martinez | Vodafone | jose-luis.carrizo@vodafone.co.uk | +44 1635 676093 | +44 1635 231847 | +44 1635 676093 |
| Vice Chairman | Vacancy | | | | | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Gert Thomsen | 3GPP Support Team | gert.thomasen@etsi.org | +33 4 92 94 43 84 | +33 4 92 38 53 84 | |
| TSG GERAN WG3 and WG1 ALMALGAMATED: | | | | | | |
| | | | | | | |
| TSG GERAN WG4 & WG5 Officials: | | | | | | |
| Chairman | Ilya Gonorovsky | Motorola Inc. | i.gonorovsky@motorola.com | +1 732 762 7082 | +1 732 878 8001 | |
| Vice Chairman | Vacancy | | | | | |
| Vice Chairman | Vacancy | | | | | |
| Secretary | Michael Clayton | 3GPP Support Team | michael.clayton@etsi.org | +33 4 92 94 42 28 | +33 4 92 38 52 28 | +33 6 74 40 83 68 |
| TSG GERAN WG5 and WG4 ALMALGAMATED: | | | | | | |
| | | | | | | |

Annex B: List of documents

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|--|--|-------------|--------------|-------------|--|
| SP-030360 | Draft Agenda for TSG SA meeting #21 | TSG SA Chairman | 2 | Approval | | Approved |
| SP-030361 | Draft Report of TSG SA meeting #20 | TSG SA Secretary | 3 | Approval | SP-030513 | Revised in SP-030513 with annexes included in ZIP file |
| SP-030362 | Liaison Statement (from SA WG1) on MMS Requirements | SA WG1 | 7.1.2 | Information | | Noted |
| SP-030363 | LS (from ITU-T SG16) to 3GPP and 3GPP2 on basic operators library | ITU-T SG16 | 6.3 | Information | | Noted. SA WG4 dealing |
| SP-030364 | LS from ITU-T SG16: Final Report of the Workshop on Telecommunications for Disaster Relief | ITU-T SG16 | 6.3 | Information | | Noted. Members asked to review |
| SP-030365 | LS (from ITU-T SG16) on Signalling Requirements for IP-QoS | ITU-T SG16 | 6.3 | Information | | Noted. Members asked to review |
| SP-030366 | Liaison Statement (from ITU-T Q.1/SSG) on Status of ITU-T Draft Rec. Q.SNFB | ITU-T Q.1/SSG | 6.3 | Action | | Noted. WGs asked to consider the attached ITU-T Recommendations |
| SP-030367 | LS (from SCAg) on MMS management in the UICC | SCaG | 6.3 | Information | | Noted |
| SP-030368 | LS (from SCAg) on proactive capabilities in the UICC to support MMS management | SCaG | 6.3 | Action | | Members asked to consider this and provide necessary contribution to SA WG1 |
| SP-030369 | LS (from SA WG4) on "Assessment of the SES codecs ability to reconstruct speech" | SA WG4 | 7.4.2 | Information | | Noted |
| SP-030370 | LS from OMA Requirements WG: Need for OMA Liaison with 3GPP and 3GPP2 re PoC | OMA Requirements WG | 6.3 | Action | | SP-030505 considered. Covered by LS in SP-030530 |
| SP-030371 | Presentation Slides: IP QoS Interoperability Issues | SBC Communications, BT | 7.2.3 | Information | | |
| SP-030372 | COMMISSION RECOMMENDATION of 25/07/2003 on the processing of caller location information in electronic communication networks for the purpose of location-enhanced emergency call services | COMMISSION OF THE EUROPEAN COMMUNITIES | 6.3 | Information | | Members asked to consider and provide contribution to WGs. Related contribution in SP-030294 |
| SP-030373 | Report of SA2 status | SA WG2 | 7.2.1 | Information | | Noted |
| SP-030374 | WITHDRAWN - CRs On 23.002 (Network Architecture) | SA WG2 | 7.2.3 | Approval | SP-030521 | Revised in SP-030521 |
| SP-030375 | CRs On 23.060 (GPRS/PS domain stage 2) | SA WG2 | 7.2.3 | Approval | | CRs 444, 459, 460 and 461 returned to SA2. CRs 442r5, 450r3, 455r1, 456 approved |
| SP-030376 | CRs On 23.107 (QoS) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030377 | CRs On 23.195 (Early UE handling) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030378 | CRs On 23.207 (End to end QoS) | SA WG2 | 7.2.3 | Approval | | Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|--|---------------------|-------------|-----------------------|-------------|--|
| SP-030379 | CRs On 23.221 (Architecture Requirements) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030380 | CRs On 23.228 (IMS Stage 2) | SA WG2 | 7.2.3 | Approval | | CR336R1 and CR337R2 revised in SP-030538. All other CRs approved |
| SP-030381 | CRs On 23.240 (GUP stage 2) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030382 | CRs On 23.271 (LCS stage 2) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030383 | WID on "Impacts of Speech Enabled Services on IMS, PS and CS domains" | SA WG2 | 7.2.3 | Approval | SP-030539 | Revised in SP-030539 |
| SP-030384 | WID on "3GPP Enablers for services like Push to Talk over Cellular (PoC)" | SA WG2 | 7.2.3 | Approval | SP-030540 | Revised in SP-030540 |
| SP-030385 | WID on "Interworking aspects and migration scenarios for IPv4 based IMS Implementations" | SA WG2 | 7.2.3 | Approval | | Approved. 3 and TIM Objected |
| SP-030386 | TR 23.917 v.1.0.0 on "policy control" for information | SA WG2 | 7.2.3 | Information | | Noted. Review and comment invited |
| SP-030387 | TR 23.976 v.1.0.0 on "Push architecture" for information | SA WG2 | 7.2.3 | Information | | Noted. Review and comment invited |
| SP-030388 | TR 23.851 v.1.0.0 on "Network sharing" for information | SA WG2 | 7.2.3 | Information | | Noted. Review and comment invited |
| SP-030389 | TS 23.825 v.1.0.0 on "Architecture aspects on charging" for information | SA WG2 | 7.2.3 | Information | | Noted. Review and comment invited |
| SP-030390 | TS 23.246 V 2.0.0 on "MBMS" for approval | SA WG2 | 7.2.3 | Approval | | Approved (Rel-6) |
| SP-030391 | TS 23.234 v2.0.0 on "WLAN interworking" for approval | SA WG2 | 7.2.3 | Approval | | Not approved. S2 to work on open issues. Working assumption for current text pending report from SA2 |
| SP-030392 | Reply LS (from SA WG2) on possible re-organisation of 3GPP charging specification work | SA WG2 | 7.2.2 | Information | | Noted |
| SP-030393 | LS Response (from SA WG2) on User Data Management architecture requirements | SA WG2 | 7.2.2 | Information | | Noted |
| SP-030394 | Liaison Statement (from OCG EMTel) on EC Requirements on Emergency Telecommunications | OCG EMTel | 6.3 | Action | | Noted. E-mail sent to R Forbes by SA Chair |
| SP-030395 | LS from RAN WG3: Remote Control of Electrical Tilting Antennas | RAN WG3 | 8.2.1 | Information | | Noted |
| SP-030396 | LS from T WG2: Emergency services using SMS / MMS | T WG2 | 8.3.1 | Action | | |
| SP-030397 | Feasibility Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces | Toshiba | 7.8 | Information | | Presented and noted. SA 3 have not yet discussed or endorsed the proposal |
| SP-030398 | CRs On 23.141 (Presence) | SA WG2 | 7.2.3 | Approval | SP-030541 | Revised in SP-030541 |
| SP-030399 | WITHDRAWN - Proposed CR to 22.101-640: Clarification of emergency call requirements | Lucent Technologies | 7.1.3 | Discussion / Approval | SP-030517 | Revised in SP-030517 |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|--------|-------------|--------------|-------------|--|
| SP-030400 | Status report of SA5 to SA #21 | SA WG5 | 7.5.1 | Information | | Noted |
| SP-030401 | Rel-5 CR 32.101 (Telecommunication management; Principles and high level requirements) : Removal / Replacement of the term UMTS | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030402 | 2 Rel-4/5 CR 32.102 (Telecommunication management; Architecture) : Correction of subclause X.2.1 in Annex C | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030403 | Rel-6 CR 32.102 v530 (Telecommunication management; Architecture): Update to UML repertoire to support more concise modelling of stage 2 specifications | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030404 | Rel-6 CR 32.140 (Services operations management; Subscription management requirements): Correction to Fig. 3 (Architecture for management of Subscription Profile components) | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030405 | New Rel-6 TS 32.141 v2.0.0 (Services operations management; Subscription management architecture) | SA WG5 | 7.5.3 | Approval | | Approved (Rel-6) |
| SP-030406 | 3 Rel-4/5 CR 32.200 (Charging principles) | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030407 | 3 Rel-4 CR 32.205 (Charging data description for the Circuit Switched domain) | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030408 | Rel-5 CR 32.235 (Charging data description for application services) : Correction of content adaptation indication in the MMS Retrieval CDR | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030409 | New Rel-6 TR 32.815 v2.0.0 (Charging management; On-line Charging System (OCS) architecture study) | SA WG5 | 7.5.3 | Approval | | Approved. SA5 to remove all but 1 options in section 5.1.1 |
| SP-030410 | New Rel-6 TS 32.251 v1.0.0 (Charging Management; Packet Switched (PS) domain charging) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030411 | New Rel-6 TS 32.271 v1.0.0 (Charging Management; Location Service (LCS) Charging) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030412 | New Rel-6 TS 32.270 v1.0.0 (Charging Management; Multimedia Messaging Service (MMS) charging) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030413 | New Rel-6 TS 32.298 v1.0.0 (Charging Management; Charging Data Record (CDR) Parameter Description) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030414 | Rel-5 CR 32.615 (Configuration Management; Bulk CM IRP: XML file format definition) : Add missing Activities to Session Log XML | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030415 | Rel-4 CR 32.303 (Configuration Management; Notification IRP: CORBA solution set): Incorporation of version handling, adopting release 5 agreements | SA WG5 | 7.5.3 | Approval | | Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|--|--------|-------------|--------------|-------------|--------------------------------|
| SP-030416 | 2 Rel-4/5 CR 32.111-4 (Fault Management; Part 4: Alarm IRP: CMIP solution set): Correction of syntax error in type SetComment | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030417 | 2 Rel-4/5 CR 32.624 (Configuration Management; Generic network resources IRP: CMIP solution set): Rel-4/5 alignment of OIDs of some attributes and name bindings | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030418 | 6 Rel-5 CR 32.652/3/4/5, 32.615/645: Inclusion of External BSS Function in GERAN/UTRAN | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030419 | 2 Rel-4/5 CR 32.632 (Configuration Management; Core Network IRP: Network Resource Model): Correction of IOCs Notifications | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030420 | Rel-5 CR 32.644 (Configuration Management; UTRAN network resources IRP: CMIP solution set): Correction of wrong attribute name | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030421 | Rel-5 CR 32.674 (Configuration Management; State Management IRP: CMIP solution set): Addition of the missing OID for ts32-674Package | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030422 | New Rel-6 TS 32.350 v1.0.0 (Communication Surveillance (CS) requirements) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030423 | New Rel-6 TS 32.361 v1.0.0 (Entry Point (EP) Integration Reference Point (IRP): Requirements) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030424 | New Rel-6 TS 32.362 v1.0.0 (Entry Point (EP) Integration Reference Point (IRP): Information service) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030425 | New Rel-6 TS 32.363 v1.0.0 (Entry Point (EP) Integration Reference Point (IRP): CORBA solution set) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030426 | New Rel-6 TS 32.681 v1.0.0 (Inventory Management (IM) Integration Reference Point (IRP): Requirements) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030427 | New Rel-6 TS 32.695 v1.0.0 (Inventory Management (IM) network resources Integration Reference Point (IRP): XML file format definition) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030428 | New Rel-6 TS 32.711 v1.0.0 (Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030429 | New Rel-6 TS 32.712 v1.0.0 (Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service) | SA WG5 | 7.5.3 | Information | | Noted. Comments invited to SA5 |
| SP-030430 | 3 Rel-6 CR 32.401 (Performance Management (PM); Concept and requirements) | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030431 | 6 Rel-4/5/6 CR 32.403 (Performance Management; Performance measurements - UMTS and combined UMTS/GSM) | SA WG5 | 7.5.3 | Approval | | Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|--|-----------------|-------------|--------------|-------------|---|
| SP-030432 | Rel-6 CR 32.411 (Performance Management (PM) Integration Reference Point (IRP): Requirements): Expansion of the requirements for threshold alarms on bounded variables | SA WG5 | 7.5.3 | Approval | | Approved |
| SP-030433 | SA WG4 Status Report at TSG SA#21 | SA WG4 Chairman | 7.4.1 | Information | | Noted |
| SP-030434 | Test and processing plan for default codec evaluation for speech enabled services (SES) | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030435 | Test Plan for the AMR Narrow-Band Packet Switched Conversation test | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030436 | Test Plan for the AMR Wide-Band Packet Switched Conversation test | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030437 | AMR-WB+ and PSS/MMS Low-Rate Audio Selection Test and Processing Plan | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030438 | PSS/MMS High-Rate Audio Selection Test and Processing Plan | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030439 | Funding of Audio Codec Testing | SA WG4 | 7.4.1 | Information | | Noted |
| SP-030440 | Recommendation Criteria for Default Codec for Speech Enabled Services (SES) | SA WG4 | 7.4.3 | Approval | | recommendation criteria approved |
| SP-030441 | WITHDRAWN - PSS/MMS Audio Codec and Extended AMR-WB, Selection Rules | | | | | WITHDRAWN - not approved |
| SP-030442 | Updated Work Item Description on Definition of MBMS user services, media codecs, formats and transport/application protocols using Multimedia Broadcast/Multicast Service (MBMS) (Release 6) | SA WG4 | 7.4.3 | Approval | | Approved - consider splitting S1 MBMS Feature |
| SP-030443 | TR 26.937 on "RTP usage model" v. 2.0.0 (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved (Rel-5) |
| SP-030444 | CRs to TS 26.073 - Correction of the MMS_IO flag (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030445 | CR to TS 26.132 - Loudness rating measurements at lower bit rates (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030446 | CRs to TS 26.173 - Possible decoder LPC coefficients overflow (Rel 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030447 | CR to TS 26.204 - Possible decoder LPC coefficients overflow (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved. Headers refer to wrong spec (editorial error) |
| SP-030448 | CRs to TS 26.234 - Corrections (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030449 | CRs to TS 26.236 - Corrections (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030450 | CR to TS 26.976 - Reference to incorrect test results (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |
| SP-030451 | CR to TS 28.062 - Removal of Pre-Handover Notification for UMTS (Release 5) | SA WG4 | 7.4.3 | Approval | | Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|-----------------|-------------|--------------|-------------|--|
| SP-030452 | Presentation of SA1 to SA #21 | SA WG1 Chairman | 7.1.1 | Information | | Presented and Noted |
| SP-030453 | Status report of SA1 to SA #21 | SA WG1 Chairman | 7.1.1 | Information | | Noted |
| SP-030454 | WITHDRAWN - CRs to 22.101 on Modification of emergency number identification rules (R99, Rel-4, Rel-5, Rel-6) | SA WG1 | 7.1.3 | Approval | SP-030492 | Replaced by SP-030492 |
| SP-030455 | CRs to 22.071 on Correction of requirements on the identity format of LCS clients (Rel-4, Rel-5 and Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030456 | CRs to 21.905 on to correct the Defintion of CDR (Rel-5, Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030457 | CRs to 22.101 on Clarification on USIM-based access to IMS (Rel-5, Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030458 | CR to 22.078 to align stage 1 with stage 2 & stage 3 (Rel-5) | SA WG1 | 7.1.3 | Approval | | Approved. "Comment boxes" not be used in CRs again |
| SP-030459 | Assorted CRs to 22.071 on Location Services (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030460 | Assorted CRs to 22.140 on MMS (Rel-6) | SA WG1 | 7.1.3 | Approval | | CR035 Approved. CR037 postponed for clarification - provided in SP-030542 |
| SP-030461 | CRs to 22.140 and 22.038 on MM storage in the USIM (Rel-6) | SA WG1 | 7.1.3 | Approval | | Agreed that the Storage and retrieval of MMs, Templates, etc. is a desirable feature and work on a technical solution should be progressed. CR036 revised in SP-030550 |
| SP-030462 | CR to 22.078 on criteria for "change of position" procedures in CAMEL (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030463 | Assorted CRs to 22.934 on Wireless LAN (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030464 | CRs to 22.041 on ODB and WLAN (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030465 | CR to 22.228 to clarify the meaning of Access Independence | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030466 | Assorted CRs to 22.233 on Packet-switched streaming service (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030467 | Assorted CRs to 22.115 on Service Aspects Charging and billing (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030468 | CR to 22.243 on Speech recognition framework for automated voice services (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030469 | CR to 22.240 on Generic User Profile (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030470 | Priority Service Guide (22.952) for information | SA WG1 | 7.1.3 | Information | | Noted. Review and comment invited |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|------------------|-------------|--------------|-------------|---|
| SP-030471 | IMS Subscription and access scenarios (22.800) for approval | SA WG1 | 7.1.3 | Approval | | Approved (Rel-6) |
| SP-030472 | Updated WI for GUP | SA WG1 | 7.1.3 | Approval | SP-030536 | Revised in SP-030536 |
| SP-030473 | SA WG3 Status Report at TSG SA#21 | SA WG3 Chairman | 7.3.1 | Information | | Noted |
| SP-030474 | Draft Report of SA WG3 meeting #29 | SA WG3 Secretary | 7.3.1 | Information | | Noted |
| SP-030475 | CR to 33.102: Clarification on the usage of the c3 conversion function (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030476 | 2 CRs to 33.102: [LATE_UE] - IMEISV retrieval before completion of security mode setup procedure; Mitigation against a man-in-the-middle attack associated with early UE handling (Rel-5) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030477 | CR to 33.106: References (Rel-6) | SA WG3 | 7.3.3 | Approval | | Postponed. LI group to check changes in ref [10] do not introduce functional change |
| SP-030478 | CR to 33.107: Missing QoS Parameter in IRI (Rel-5) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030479 | 2 CRs to 33.107: TEL URL for IMS interception identity (Rel-6); Stereo delivery to LEMF (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved. CR033 as Cat "F" |
| SP-030480 | 6 Release 6 CRs to 33.108 (Rel-6) | SA WG3 | 7.3.3 | Approval | SP-030508 | Revised in SP-030508 written to correct base versions |
| SP-030481 | 2 CRs to 33.108: Syntax error in Annex B.3 (Rel-5 & Rel-6) | SA WG3 | 7.3.3 | Approval | SP-030509 | Revised in SP-030509 written to correct base versions |
| SP-030482 | 2 CRs to 33.108: Reference errors in Annex G (Rel-5 & Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030483 | CR to 33.203: Introducing Cipher key Expansion for IMS (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030484 | CR to 33.203: Modification of the security association lifetime management (Rel-5) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030485 | CR to 33.203: Annex H in 33.203 (Rel-5) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030486 | CR to 33.203: Security association handling, behaviour of SIP over TCP and re-authentication (Rel-5) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030487 | CR to 33.203: Introducing Confidentiality Protection for IMS (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030488 | 2 CRs to 33.210: Change of IKE profiling (Rel-5 & Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030489 | 2 CRs to 33.210: Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 (Rel-5 & Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030490 | CR to 55.216: Clarification on the usage of the Key length (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|----------------------------------|-------------|-----------------------|-------------|--|
| SP-030491 | WID: Key Management of group keys for Voice Group Call Services | SA WG3 | 7.3.3 | Approval | | Approved as Feature |
| SP-030492 | CRs to 22.101 on Modification of emergency number identification rules (R99, Rel-4, Rel-5, Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030493 | LS from ITU-T SG11: Consent of Q.2630.3, Q.2631.1, and Q.2632.1 | ITU-T SG11 | 6.3 | Information | | Noted |
| SP-030494 | LS from ITU-T SG11: Electronic Meeting on Signalling Requirements for IP-QOS | ITU-T SG11 | 6.3 | Information | | Noted |
| SP-030495 | 3GPP Work Plan before TSG Plenaries #21 | MCC Work Plan Manager (A Sultan) | 8.6 | Information | SP-030524 | Revised in SP-030524 |
| SP-030496 | Specs status list prior to TSGs#21 | MCC (J Meredith) | 8.7 | Information | | Noted |
| SP-030497 | Status List after TSGs #21 | MCC (J Meredith) | 8.7 | Information | | To be provided after meeting |
| SP-030498 | CRs to lists of specs | MCC (J Meredith) | 8.7 | Approval | | Approved |
| SP-030499 | CR to 21.900 | MCC (J Meredith) | 9.2 | Approval | | Approved |
| SP-030500 | WITHDRAWN Logistics of SA plenary meetings | Nortel Networks, T-Mobile | 12 | Discussion | SP-030547 | Revised in SP-030547 |
| SP-030501 | 3GPP Dependencies on OMA Deliverables | Nortel Networks | 7.8 | Information | | Iain Sharpe to maintain dep. List. To be added to Work Plan |
| SP-030502 | Draft Report of TSG CN Meeting #21 | TSG CN Secretary | 8.1.1 | Information | SP-030537 | Revised in SP-030537 |
| SP-030503 | Presentation of highlights from TSG CN meeting #21 | TSG CN Chairman | 8.1.1 | Information | | Noted |
| SP-030504 | IETF status report | TSG CN Chairman | 8.1.1 | Information | | Noted |
| SP-030505 | Proposal for a Liaison Statement to OMA on principles for overlapping issues with OMA regarding PoC | TSG CN | 8.1.2 | Discussion / Approval | | Used as basis for LS in SP-030530 |
| SP-030506 | Specification format for mandatory audio codec | Coding Technologies | 7.4.2 | Discussion / Approval | | Noted. Method not accepted |
| SP-030507 | LS (from GSMA SerG) to 3GPP SA Concerning the Handling of Emergency Calls on 3G Networks | GSMA SerG | 6.3 | Action | | SA WG1 should look at the requirements and take the request of SerG into account |
| SP-030508 | 6 Release 6 CRs to 33.108 (Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved CR020R1 and CR014R1 as Cat "F" |
| SP-030509 | 2 CRs to 33.108: Syntax error in Annex B.3 (Rel-5 & Rel-6) | SA WG3 | 7.3.3 | Approval | | Approved |
| SP-030510 | LS (from TSG RAN) on the documents to be considered for the Revision 4 of Recommendation ITU-R M.1457 | TSG RAN | 4 | Action | | To be considered with SP-030522. Noted. TSG SA endorsed the list of documents. |
| SP-030511 | Draft TS 22.246 v1.0.0: MBMS User Services | SA WG1 | 7.1.3 | Information | | Noted. Review and comments invited |
| SP-030512 | TSG GERAN Status Report to TSG SA#21 | TSG GERAN Chairman | 8.4.1 | Information | | Noted |
| SP-030513 | Draft Report of TSG SA meeting #20 | TSG SA Secretary | 3 | Approval | | Annexes added to ZIP file. Approved |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|---|-------------|-----------------------|----------------------|---|
| SP-030514 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-5) | mmO2, Vodafone, Cingular, T-Mobile, Swisscom, KPN | 7.1.3 | Discussion / Approval | SP-030533, SP-030543 | Company input to TSG SA. Revised to make a note in SP-030533, alternative proposal in SP-030543 |
| SP-030515 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-6) | mmO2 | 7.1.3 | Discussion / Approval | SP-030534, SP-030544 | Company input to TSG SA. Revised to make a note in SP-030534, alternative proposal in SP-030544 |
| SP-030516 | Joint 3GPP-OMA discussions: Key points | Workshop Chairman | 6.3 | Information | | Members expected to facilitate co-operation between 3GPP and OMA |
| SP-030517 | Proposed CR to 22.101-640: Clarification of emergency call requirements (Rel-6) | Lucent Technologies, Siemens, Nokia | 7.1.3 | Discussion / Approval | | Company input to TSG SA. Returned to SA1 for further elaboration and agreement |
| SP-030518 | TR 21.902 version 2.0.0 | Evolution Ad-hoc | 8.9 | Approval | | Approved (Rel-6) under TSG SA control |
| SP-030519 | Release 6 Completion Schedule | O2 | 4, 8.8 | Discussion | | Introduced in 4, discussion in 8.8. Noted |
| SP-030520 | Evolution and Management of 3GPP specifications beyond Release 6 | O2 | 4, 8.9 | Discussion | | Introduced in 4, discussion in 8.9. |
| SP-030521 | CRs On 23.002 (Network Architecture) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030522 | Documentation from TSG RAN to ITU-R WP8F | 3GPP Support | 4 | Information | | Documents to be provided with SP-030510. Noted |
| SP-030523 | Report of Future Evolution meeting at TSG 21 | MCC (A Sultan) | 8.9 | Information | | Noted |
| SP-030524 | Work Plan version September 16th 2003 | MCC (A Sultan) | 8.8 | Information | | Noted |
| SP-030525 | Slide Presentation of the Work Plan, including results from TSG CN, RAN and T meeting #21 | MCC (A Sultan) | 8.8 | Information | SP-030556 | Presented and discussed. Update in SP-030556 |
| SP-030526 | Overview of Release 5 | MCC (A Sultan) | 8.7 | Information | | Noted |
| SP-030527 | Inter-network accounting for BS30 based services such as video telephony | T-Mobile, Vodafone | 7.8 | Discussion | | Accepted in principle. Updated version may be submitted at next meeting following discussion |
| SP-030528 | Proposed LS from SA to 3GPP2 Plenary, OMA TP on proposed workshop on MMS Standardisation Management | TSG T Secretary | 8.3.1 | Approval | SP-030546 | Updated in SP-030546 |
| SP-030529 | TSG-T#21 Progress Report | TSG T Chairman | 8.3.1 | Information | | Noted |
| SP-030530 | LS to OMA REQ WG, OMA POC WG (Copied to SA1, SA2, CN1, CN3, CN4) on Need for OMA Liaison with 3GPP and 3GPP2 re PoC | TSG SA | 6.3 | Approval | | Approved |
| SP-030531 | Presentation of highlights from TSG RAN meeting #21 | TSG RAN Chairman | 8.2.1 | Information | | Noted |
| SP-030532 | Draft Report of TSG RAN meeting #21 | TSG RAN Secretary | 8.2.1 | Information | | Noted |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|--|---|-------------|-----------------------|-------------|--|
| SP-030533 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-5) | mmO2, Vodafone, Cingular, T-Mobile, Swisscom, KPN | 7.1.3 | Discussion / Approval | | Alternative proposal in SP-030543. This CR approved |
| SP-030534 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-6) | mmO2 | 7.1.3 | Discussion / Approval | | Alternative proposal in SP-030544. This CR approved |
| SP-030535 | TR25.803 v1.0.0 "S-CCPCH performance for MBMS" | TSG RAN | 8.2.1 | Information | | Noted |
| SP-030536 | Updated WI for GUP | SA WG1 | 7.1.3 | Approval | SP-030553 | Revised in SP-030553 |
| SP-030537 | Draft Report of TSG CN Meeting #21 | TSG CN Secretary | 8.1.1 | Information | | Noted |
| SP-030538 | CR336R2 and CR337R3 to 22.338: IMS-SIP interworking | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030539 | WID on "Impacts of Speech Enabled Services on IMS, PS and CS domains" | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030540 | WID on "3GPP Enablers for services like Push to Talk over Cellular (PoC)" | SA WG2 | 7.2.3 | Approval | | Approved. S1 and S2 asked to start work on this WI and liaise to OMA |
| SP-030541 | CRs On 23.141 (Presence) | SA WG2 | 7.2.3 | Approval | | Approved |
| SP-030542 | 22.140CR037r1 on MMS (Rel-6) | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030543 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-5) | mmO2, Vodafone, Cingular, T-Mobile, Swisscom, KPN | 7.1.3 | Discussion / Approval | | Rejected |
| SP-030544 | CR to 22.101: Support for Rel-4 SIM in Rel-5 (Rel-6) | mmO2 | 7.1.3 | Discussion / Approval | | Rejected |
| SP-030545 | INVITATION TO THE 3GPP TSG #22 MEETINGS DECEMBER 9 - 18, 2003 IN MAUI, HAWAII, USA | MCC | 12 | Information | | Noted |
| SP-030546 | LS from SA to 3GPP2 Plenary, OMA TP on proposed workshop on MMS Standardisation Management | TSG SA | 8.3.1 | Approval | | Revised in SP-030554 |
| SP-030547 | Logistics of SA plenary meetings | Nortel Networks, T-Mobile | 12 | Discussion | | Noted. To be revisited at next meeting |
| SP-030548 | TSG Calendar of meetings | MCC | 12 | Information | | Noted |
| SP-030549 | MCC report to TSG SA #21 | MCC (A Scrase) | 10 | Information | | Noted |
| SP-030550 | 22.140 CR136R1: MM storage in the USIM (Rel-6) | mmO2 TIM Slumberger | 7.1.3 | Approval | | Revised in SP-030552 |
| SP-030551 | 22.140 CR038: UICC interactions with MMS clients | mmO2 TIM Slumberger | 7.1.3 | Approval | | Forwarded to S1 and T3 for clarification and checking |
| SP-030552 | 22.140 CR136R2: MM storage in the USIM (Rel-6) | mmO2 TIM Slumberger | 7.1.3 | Approval | | Approved |
| SP-030553 | Updated WI for GUP | SA WG1 | 7.1.3 | Approval | | Approved |
| SP-030554 | LS from SA to 3GPP2 Plenary, OMA TP on proposed workshop on MMS Standardisation Management | TSG SA | 8.3.1 | Approval | | Approved |
| SP-030555 | On the issue of specification format in the Rel-6 PSS Audio codec selection | NEC | 7.4.2 | Discussion | | Noted. Method not accepted |

| Number | Title | Source | Agenda item | Document for | Replaced by | Comment |
|-----------|---|----------------|-------------|--------------|-------------|--|
| SP-030556 | Slide Presentation of the Work Plan, including results from TSG CN, RAN and T meeting #21 | MCC (A Sultan) | 8.8 | Information | | Noted |
| SP-030557 | WITHDRAWN Actions following the OMA-3GPP Workshop | 3, Openwave | 11 | Information | SP-030558 | Withdrawn, new version with cover sheet included |
| SP-030558 | Actions following the OMA-3GPP Workshop | 3, Openwave | 11 | Information | | Noted. To be forwarded to PCG for information |

Annex C: List of attendees and TSG SA Voting List

C.1 List of Attendees

| Name | Represented Company | e-mail address | Mobile Telephone | Telephone | Facsimile | 3GPP Status | | Cty |
|-------------------------------|-------------------------------|--|--------------------|-------------------|-------------------|--------------|-----------|-----|
| Mr. Jaime Abad | TELEFONICA de España S.A. | abad_j@tsm.es | | +34 680 01 3900 | +34 680 01 7311 | 3GPPMEMBER | ETSI | ES |
| Mr. Niels Peter Skov Andersen | MOTOROLA A/S | npa001@motorola.com | +45 4018 4793 | +45 43 48 81 10 | +45 43 48 80 01 | 3GPPMEMBER | ETSI | DK |
| Dr. Arun Arunachalam | Skyworks Solutions Inc. | arun.arunachalam@skyworksinc.com | | +1 949 231 3855 | +1 949 231 3800 | 3GPPMEMBER | T1 | US |
| Mr. Anders Askerup | HEWLETT-PACKARD France | anders.askerup@hp.com | | +1-402-384-7303 | +1-402-384-7030 | 3GPPMEMBER | ETSI | FR |
| Mr. David Barnes | DTI | david@barnesdavid.com | +44 77 85 316 985 | +44 1227 721797 | +44 1634 572 360 | 3GPPMEMBER | ETSI | GB |
| Mr. Nigel Barnes | MOTOROLA Ltd | nigel.barnes@motorola.com | +44 7785 31 86 31 | +44 1 256 790 169 | +44 1 256 790 190 | 3GPPMEMBER | ETSI | GB |
| Mr. Rob Bennink | KPN N.V. | r.bennink@kpn.com | | +31 70 343 7105 | +31 70 343 7237 | 3GPPMEMBER | ETSI | NL |
| Mr. Balazs Bertenyi | NOKIA Corporation | balazs.bertenyi@nokia.com | | +3612163984 | +3612163984 | 3GPPMEMBER | ETSI | FI |
| Mr. Jon Billings | MICROSOFT EUROPE SARL | jonbill@microsoft.com | | +44 7778395853 | +44 1604 627614 | 3GPPMEMBER | ETSI | FR |
| Mr. Craig Bishop | SAMSUNG Electronics | ckbishop@aol.com | +44 802 339 071 | +441784428600 | +441784428629 | 3GPPMEMBER | ETSI | GB |
| Mr. Franck Bondon | MELCO MOBILE COMMUNICATIONS | franck.bondon@mmce.mee.com | | +33 1 55 68 58 68 | +33 1 55 68 57 38 | 3GPPMEMBER | ETSI | FR |
| Mr. Markus Brust | Vodafone D2 GmbH | markus.brust@vodafone.com | | +49 2115332838 | +49 2115332804 | 3GPPMEMBER | ETSI | DE |
| Mr. Andrea Calvi | TELECOM ITALIA S.p.A. | andrea.calvi@telecomitalia.it | | +39 011 228 7287 | +39 011 228 7056 | 3GPPMEMBER | ETSI | IT |
| Mr. Paul Carpenter | RIM | pcarpenter@rim.net | | +44 7736 961131 | +44 1784 477 455 | 3GPPMEMBER | ETSI | CA |
| Mr. Mark Cataldo | Openwave Systems (N.I.) Ltd | mark.cataldo@openwave.com | +44 777 55 8 22 88 | +44 23 8076 8130 | +44 23 8076 8130 | 3GPPMEMBER | ETSI | GB |
| Ms. KiHo Chung | Samsung Electronics Co., Ltd | khchung@samsung.com | | +82-31-279 5097 | +82-31-779-8003 | 3GPPMEMBER | TTA | KR |
| Mr. Michael Clayton | ETSI Secretariat | michael.clayton@etsi.org | +33 6 74 40 83 68 | +33 4 92 94 42 28 | +33 4 92 38 5215 | 3GPPORG_REP | ETSI | FR |
| Mr. Stephen Corkovic | VIpnet d.o.o. | s.corkovic@vipnet.hr | +385 91 4691 122 | +385 1 4691 122 | +385 1 4691 109 | 3GPPMEMBER | ETSI | HR |
| Mr. François Courau | ALCATEL S.A. | francois.courau@alcatel.fr | +33 608 82 20 22 | +33 6 08 82 20 22 | +33 1 30 77 34 99 | 3GPPMEMBER | ETSI | FR |
| Mr. Alan Cox | VODAFONE Group Plc | alan.cox@vodafone.com | +44 77 85 200 147 | +44 1635 673 332 | +44 1635 676 147 | 3GPPMEMBER | ETSI | GB |
| Mr. Bryan Curley | GSM Association | bcurley@gsm.org | +353 87 2492333 | +353 87 2492333 | +353 87 52492333 | 3GPPMARK_REP | OTHE R | IE |
| Dr. Elizabeth Daniel | Lucent Technologies N. S. UK | lizdaniel@lucent.com | +44 7880 78 66 88 | +44 1793 883412 | +44 1793 897414 | 3GPPMEMBER | ETSI | GB |
| Mr. Jean-Jacques Davidian | DoCoMo Europe S.A. | davidian@docomo.fr | | +33 1 5688 3030 | +33 1 5688 3045 | 3GPPMEMBER | ETSI | FR |
| Mr. Hiroshi Dempo | NEC Corporation | dem@ah.jp.nec.com | | +81-3-5476-0347 | +81-3-5476-0441 | 3GPPMEMBER | TTC | JP |
| Dr. Dirk Didascalou | SIEMENS Mobile Communications | dirk.didascalou@siemens.com | +49-160-4715 418 | +49-89-722 58574 | +49-89-722 37078 | 3GPPMEMBER | ETSI | IT |
| Mr. Ian Doig | MOTOROLA S.A.S | ian.doig@motorola.com | +33 6 11 16 88 06 | +33 4 92 94 48 64 | +33 4 93 95 80 52 | 3GPPMEMBER | ETSI | FR |
| Dr. Ulrich Dropmann | SIEMENS AG | ulrich.dropmann@siemens.com | +49 173 358 6241 | +49 89 636 75214 | +49 89 636 75577 | 3GPPMEMBER | ETSI | DE |
| Mr. Shi Hui Duan | RITT | duanshihui@mail.ritt.com.cn | | +86 1068094321 | | 3GPPMEMBER | CCSA | CN |
| Mr. Christophe Dubois | SchlumbergerSema | christophe.dubois@montrouge.sema.slb.com.net | | +33 1 46 00 44 75 | +33 1 46 00 59 31 | 3GPPMEMBER | ETSI | FR |
| Mr. Ed Ehrlich | Nokia Telecommunications Inc. | ed.ehrlich@nokia.com | +1 214 707 0812 | +1 972 894 4495 | +1 972 894 5525 | 3GPPMEMBER | T1 | US |
| Mr. Jan Elling | Dansk MobilTelefon I/S | jae@sonofon.dk | | +45 72127246 | +45 72127070 | 3GPPMEMBER | ETSI | DK |
| Mr. Jan Ellsberger | Nippon Ericsson K.K. | jan.ellsberger@ericsson.com | | +46 8 508 77965 | +46 8 508 77 300 | 3GPPMEMBER | TTC | JP |
| Mr. Denis Fauconnier | NORTEL NETWORKS (EUROPE) | dfauconn@nortelnetworks.com | +33 06 64 04 35 29 | +33 1 39 44 52 87 | +33 1 39 44 50 12 | 3GPPMEMBER | ETSI | GB |
| Mr. John B Fenn | SAMSUNG Electronics | johnbfenn@aol.com | +44 78 02 339070 | +44 1784 428 600 | +44 1784 428 629 | 3GPPMEMBER | ETSI | GB |
| Mr. Eisuke Fukuda | Fujitsu Limited | efukuda@jp.fujitsu.com | | +81 44 754 8511 | +81 44 754 8540 | 3GPPMEMBER | ARIB | JP |

| Name | Represented Company | e-mail address | Mobile Telephone | Telephone | Facsimile | 3GPP Status | Cty |
|------------------------------|-------------------------------|--|----------------------|-------------------|----------------------|--------------|---------|
| Mr. Kenji Furukawa | NTT DoCoMo Inc. | furukawa@nttdocomo.co.jp | | +81 3 5156 1747 | +81 3 5156 0232 | 3GPPMEMBER | ARIB JP |
| Mr. Yukitsuna Furuya | NEC Corporation | y-furuya@bl.jp.nec.com | | +81-3-3798-5235 | +81-3-3798-8957 | 3GPPMEMBER | ARIB JP |
| Mr. Frederic Gabin | NEC Technologies (UK) LTD | frederic.gabin@necotech.fr | +33 6 23 05 24 50 | +33 1 49 07 28 21 | +33 1 49 07 20 01 | 3GPPMEMBER | ETSI GB |
| Mr. James Garrahan | Telcordia Technologies Inc. | jgarraha@telcordia.com | | +1 732 758 5227 | +1 732 758 4450 | 3GPPMEMBER | T1 US |
| Mr. Marc Grant | Cingular Wireless LLC | marc.grant@cingular.com | +1 512 922 8716 | +1 512 372 5834 | +1 512 372 5891 | 3GPPMEMBER | T1 US |
| Mr. Cesar Gutierrez Miguelez | ETSI Secretariat | cesar.gutierrez@etsi.org | | +33 4 92 94 43 21 | | 3GPPOR_G_REP | ETSI FR |
| Mr. Fumihiko Hada | ARIB | f-hada@arib.or.jp | | +81-3-5510-8594 | +81-3-3592-1103 | 3GPPOR_G_REP | ARIB JP |
| Mr. Markus Hakaste | NOKIA Corporation | markus.hakaste@nokia.com | +358 40 580 8968 | +358 7180 36419 | +358 7180 30040 | 3GPPMEMBER | ETSI FI |
| Mr. Harri Halminen | Nokia Japan Co, Ltd | harri.halminen@nokia.com | | +358 505572260 | +358 718046880 | 3GPPMEMBER | ARIB JP |
| Mr. Hans Hauser | T-MOBILE DEUTSCHLAND | hans.hauser@t-mobile.de | + 49 171 549 03 99 | +4922893631200 | +4922893633209 | 3GPPMEMBER | ETSI DE |
| Mr. Stephen Hayes | Ericsson Inc. | stephen.hayes@ericsson.com | +1 469 360 8500 | +1 972 583 5773 | +1 801 409 6319 | 3GPPMEMBER | T1 US |
| Miss Petra Hertel | Vodafone D2 GmbH | petra.hertel@vodafone.com | | +49 2115332838 | +49 2115332804 | 3GPPMEMBER | ETSI DE |
| Mr. Frédéric Heurtaux | SAGEM Group | frederic.heurtaux@sagem.com | | +33 1 30 73 71 89 | +33 1 34 22 11 13 | 3GPPMEMBER | ETSI FR |
| Mr. Ludwig Hiebinger | SIEMENS AG | ludwig.hiebinger@siemens.com | | +49 89 636 75213 | +49 89 636 75577 | 3GPPMEMBER | ETSI DE |
| Mr. Kevin Holley | mmO2 plc | kevin.holley@o2.com | +44 7802 220811 | +44 1473 782214 | +44 7711 752031 | 3GPPMEMBER | ETSI GB |
| Mr. Andrew Howell | MOTOROLA GmbH | andrew.howell@motorola.com | +44 77 85 363 850 | +44 1452 623967 | +44 1256 790 190 | 3GPPMEMBER | ETSI DE |
| Mr. Eric Huberlant | ORANGE FRANCE | eric.huberlant@francetelecom.com | | +33 1 45 29 52 83 | +33 1 45 29 43 99 | 3GPPMEMBER | ETSI FR |
| Mrs. Dorota Inkielman | PTK CENTERTEL | dorota.inkielman@centertel.pl | +48 501 200 075 | +48 22 594 7583 | +48 22 594 7586 | 3GPPMEMBER | ETSI PL |
| Mr. Yoshihide Ishida | ARIB | ishida@arib.or.jp | | +813 5510 8594 | +813 3592 1103 | 3GPPOR_G_REP | ARIB JP |
| Mr. Janne Isosävi | Elisa Communications Corp. | janne.isosavi@radiolinja.fi | | +358 50 506 5704 | +358 50 8 506 5704 | 3GPPMEMBER | ETSI FI |
| Mr. Edouard Issenmann | ALCATEL S.A. | edouard.issenmann@alcatel.fr | | +33 1 30 77 93 01 | +33 1 30 77 0369 | 3GPPMEMBER | ETSI FR |
| Mr. Kari Järvinen | NOKIA Corporation | kari.ju.jarvinen@nokia.com | +358 50 555 0999 | +358 71803 5854 | +358 7180 35888 | 3GPPMEMBER | ETSI FI |
| Mr. Mark Jeffrey | MICROSOFT EUROPE SARL | markjeff@microsoft.com | +44 7801 881201 | +441189328449 | +14259367329 | 3GPPMEMBER | ETSI FR |
| Mr. Gary Jones | T-Mobile USA Inc. | gary.jones@t-mobile.com | +1 201486 0949 | +1 202.654.5950 | +1 202 654 5963 | 3GPPMEMBER | T1 US |
| Mr. Mikko Kanerva | NOKIA Corporation | mikko.i.kanerva@nokia.com | +358 40 504 0735 | +358 40 504 0735 | +358 7180 30040 | 3GPPMEMBER | ETSI FI |
| Mr. Mike Karimian | Panasonic (MMCDE) | mkarimian@panasonicatlanta.com | | +1 770-338-6246 | +1 770-338-6238 | 3GPPMEMBER | ETSI GB |
| Mr. Yukio Kawanami | NEC Corporation | kawanami@cj.jp.nec.com | | +81 471 85 7158 | +81 471 85 7908 | 3GPPMEMBER | TTC JP |
| Mr. Norbert Khalil | MELCO MOBILE COMMUNICATIONS | norbert.khalil@mmce.mee.com | | +33 2 99 27 47 70 | +33 2 99 27 84 29 | 3GPPMEMBER | ETSI FR |
| Mr. Takashi Koshimizu | NTT DoCoMo | koshimizu@docomolab-euro.com | | +4989-56824-107 | +4989-5898-8460 | 3GPPMEMBER | ETSI JP |
| Mr. Oliver Kunz | Coding Technologies | kunz@codingtechnologies.com | | +49 911 928 91 12 | +49 911 928 91 99 | 3GPPMEMBER | ETSI DE |
| Mr. Kari Lang | NOKIA Corporation | kari.i.lang@nokia.com | +358 50 1846 | +358 50 1846 | +358 7180 36856 | 3GPPMEMBER | ETSI FI |
| Ing. Kiritkumar P. Lathia | SIEMENS Mobile Communications | kirit.lathia@siemens.com | +39 335 7170 528 | + 39 02 2733 7000 | +39 02 2733 7550 | 3GPPMEMBER | ETSI IT |
| Dr. Leo Lehmann | OFCOM | leo.lehmann@bakom.admin.ch | +41793909443 | +41 32 327 5752 | +41 32 327 55 28 | 3GPPMEMBER | ETSI CH |
| Dr. Bengt-Ake Lindholm | TeliaSonera AB | bengt-ake.i.lindholm@teliasonera.com | +46 70 655 52 66 | +46 8 713 81 24 | +46 8 713 81 49 | 3GPPMEMBER | ETSI SE |
| Dr. Hashem Madadi | 3 | hmadadi@attglobal.net | +44 777 332 9576 | +44.1628.765.000 | +44.1628.765.001 | 3GPPMEMBER | ETSI GB |
| Miss Luisa Marchetto | AT&T Wireless Services, Inc. | luisa.marchetto@attws.com | | +425.580.6840 | | 3GPPMEMBER | T1 US |
| Mr. Kari Marttinen | TeliaSonera AB | kari.marttinen@teliasonera.com | +358400400068 | +358204066816 | +358420400068 | 3GPPMEMBER | ETSI SE |
| Mr. Steve Mecrow | mmO2 plc | steve.mecrow@o2.com | +44 7710 028 511 | +44 1 394 380694 | +44 1 977 593823 | 3GPPMEMBER | ETSI GB |
| Mr. Horst Mennenga | BMW i | horst.mennenga@regtp.de | | +49 6131 18 22 20 | +49 6131 18 5613 | 3GPPMEMBER | ETSI DE |
| Mr. John M Meredith | ETSI Secretariat | john.meredith@etsi.org | +33 (0)6 10 42 03 76 | +33 4 92 94 42 37 | +33 (0)4 92 38 52 37 | 3GPPOR_G_REP | ETSI FR |
| Mr. Jürgen Merkel | SIEMENS AG | juergen.merkel@siemens.com | +49 160 88 34732 | +49 89 636 75212 | | 3GPPMEMBER | ETSI DE |
| Mr. Michael Meyer | GIESECKE & DEVRIENT GmbH | michael.meyer@de.gi-de.com | +49 171 862 4115 | +49 89 4119 1307 | +49 89 4119 2118 | 3GPPMEMBER | ETSI DE |
| Mr. Hiroshi Nakamura | NTT DoCoMo Inc. | naka@netlab.nttdocomo.co.jp | | +81 46 840 3970 | +81 46 840 3723 | 3GPPMEMBER | TTC JP |
| Ms. Antonella Napolitano | TELECOM ITALIA S.p.A. | annapolitano@mail.tim.it | | +39 0639004405 | +390639004316 | 3GPPMEMBER | ETSI IT |
| Dr. Adrian Neal | VODAFONE LTD | adrian.neal@gb.vodafone.co.uk | +44 7919555744 | +44 1635685834 | +44 1635686483 | 3GPPMEMBER | ETSI GB |
| Dr. Valteri Niemi | NOKIA Corporation | valteri.niemi@nokia.com | | +358504837327 | +358718036850 | 3GPPMEMBER | ETSI FI |

| Name | Represented Company | e-mail address | Mobile Telephone | Telephone | Facsimile | 3GPP Status | Cty |
|-----------------------------|--------------------------------|--|----------------------|-------------------------|----------------------|-------------|-----------|
| Mr. Klaus Nieminen | FICORA | klaus.nieminen@ficora.fi | | +358 9 6966 634 | +358 9 6966 873 | 3GPPMEMBER | ETSI FI |
| Mr. Akishige Noda | Fujitsu Limited | aki.noda@jp.fujitsu.com | | +81 44 75 85 11 | +81 44 754 8540 | 3GPPMEMBER | TTC JP |
| Mr. Peter Oldfield | Rogers Wireless Inc. | poldfiel@rci.rogers.com | | +4169356030 | +4169357502 | 3GPPMEMBER | T1 CA |
| Mr. Magnus Olsson | ERICSSON LM | m.olsson@ericsson.com | +46 70 576 1918 | +46 8 585 31454 | | 3GPPMEMBER | ETSI SE |
| Mr. Ian David Chalmers Park | VODAFONE LTD | ian.park@gb.vodafone.co.uk | +44 7785 300 290 | +44 1635 673 527 | +44 1635 233 562 | 3GPPMEMBER | ETSI GB |
| Dr. Sang-Keun Park | Samsung Electronics Co., Ltd | skpark@samsung.com | +82-11-349-6535 | +82-31-279-5300 | +82-31-279-5265 | 3GPPMEMBER | TTA KR |
| Mr. Thomas Picard | ALCATEL S.A. | thomas.picard@alcatel.fr | +33 6 08 45 57 16 | +33 1 55 66 34 09 | +33 1 55 66 44 50 | 3GPPMEMBER | ETSI FR |
| Mr. Hannu Pirila | Nokia Korea | hannu.i.pirila@nokia.com | | +358 10 505 4536 | +358 10 505 4770 | 3GPPMEMBER | TTA KR |
| Mr. Heinz Polsterer | T-Mobile AUSTRIA | heinz.polsterer@maxmobil.at | | +43 1 79585 6307 | +43 1 79585 6548 | 3GPPMEMBER | ETSI AT |
| Mr. Maurice Pope | ETSI Secretariat | maurice.pope@etsi.org | +33 (0)6 07 59 08 49 | +33 4 92 94 42 59 | +33 4 92 38 52 59 | 3GPPORG_REP | ETSI FR |
| Mr. Magnus Qvarnström | SWISSCOM | magnus.qvarnstrom@swisscom.com | | +41 31 342 1111 | +41 31 892 36 62 | 3GPPMEMBER | ETSI CH |
| Mr. Johannes Rainer | ÖFEG | johannes.rainer@oefeg.at | | +43 1 797 8062 | +43 1 797 8013 | 3GPPMEMBER | ETSI AT |
| Peter Reinisch | SIEMENS AG | peter.reinisch@icn.siemens.de | +49 172 610 6470 | +49 89 722 44730 | +49 89 722 44780 | 3GPPMEMBER | ETSI DE |
| Mr. Jean Gabriel Remy | CEGETEL | jean-gabriel.remy@cegetel.fr | +33 60 97 11 199 | +33 1 71 77 93 22 | +33 1 71 77 93 25 | 3GPPMEMBER | ETSI FR |
| Mr. Friedhelm Rodermund | ETSI Secretariat | friedhelm.rodermund@etsi.org | +33 6 74 40 83 75 | +33 4 92 94 43 24 | +33 4 92 38 52 34 | 3GPPORG_REP | ETSI FR |
| Mr. Karl Heinz Rosenbrock | ETSI Secretariat | karl-heinz.rosenbrock@etsi.org | | +33 4 92 94 42 12 | +33 4 93 65 47 16 | 3GPPORG_REP | ETSI FR |
| Mr. Jean-Francois Rubon | GEMPLUS S.A. | jean-francois.rubon@gemplus.com | +33 6 88 38 76 65 | +33 4 42 36 66 39 | +33 4 42 36 41 00 | 3GPPMEMBER | ETSI FR |
| Mr. Hiroshi Saito | Panasonic Mobile Comm. | saito_hiro@jp.panasonic.com | | +81 468 40 5440 | +81 468 40 5183 | 3GPPMEMBER | ARIB JP |
| Mr. Nick Sampson | ORANGE PCS LTD | nick.sampson@orange.co.uk | +44 7973 963 519 | +44 7973 963519 | +44 7973 987883 | 3GPPMEMBER | ETSI GB |
| Mr. Kazuyoshi Sato | Mitsubishi Electric Co. | kazuyoshi.sato@hq.melco.co.jp | | +81 3 6221 6179 | +81 3 6221 2779 | 3GPPMEMBER | ARIB JP |
| Dr. Gary Schlanger | AT&T Wireless Services, Inc. | gschlanger@comcast.net | +1 973 454 7230 | +1-973-454-7230 | +1-603-676-9637 | 3GPPMEMBER | T1 US |
| Mr. Adrian Scrase | ETSI Secretariat | adrian.scrase@etsi.org | 06 07 590 851 | +33 4 92 94 42 54 | +33 4 92 38 52 54 | 3GPPORG_REP | ETSI FR |
| Mr. Iain Sharp | NORTEL NETWORKS (EUROPE) | isharp@nortelnetworks.com | | +44 1628 43 42 87 | +441628437310 | 3GPPMEMBER | ETSI GB |
| Ms. Pilar Sierra | TELEFONICA de España S.A. | sierra_p@tsm.es | | +34 609002225 | +34 680017957 | 3GPPMEMBER | ETSI ES |
| Mr. Paul Simmons | NORTEL NETWORKS (EUROPE) | simmonsp@nortelnetworks.com | +33 6 6404 38 68 | +33 1 39 44 55 95 | +33 1 39 44 52 52 | 3GPPMEMBER | ETSI GB |
| Mr. Prem Sood | SHARP Corporation | pls@sharplabs.com | | +1 360 834 8708 | +1 360 834 8696 | 3GPPMEMBER | ARIB JP |
| Mr. Sajid Soormally | ALCATEL S.A. | sajid.soormally@alcatel.fr | | +33 (0)1 30 77 98 94 69 | +33 (0)1 30 77 03 69 | 3GPPMEMBER | ETSI FR |
| Mr. Alain Sultan | ETSI Secretariat | alain.sultan@etsi.org | | +33 4 92 94 42 71 | +33 4 93 65 28 17 | 3GPPORG_REP | ETSI FR |
| Mr. Jonas Sundborg | ERICSSON LM | jonas.sundborg@ericsson.com | +46 70 674 8035 | +46 8 404 8035 | +46 70 616 8035 | 3GPPMEMBER | ETSI SE |
| Mr. Kunihiro Taya | NEC Corporation | taya@bk.jp.nec.com | | +81 3 3798 5237 | +81 3 3798 5798 | 3GPPMEMBER | TTC JP |
| Mr. Bryan Taylor | RIM | btaylor@rim.net | +1 519 721 0123 | +1 519 8887465 x2245 | +1 519 888 6727 | 3GPPMEMBER | ETSI CA |
| Mr. Kazuhiko Terashima | Sony Ericsson Mobile | tera@wtlab.sony.co.jp | | +81 3 5782 5199 | +81 3 5782 5213 | 3GPPMEMBER | ARIB JP |
| Mr. Armin Toepfer | Vodafone D2 GmbH | armin.toepfer@vodafone.com | +49 172 2100748 | +49 211 533 2838 | +49 211 533 2804 | 3GPPMEMBER | ETSI DE |
| Ms. Jean Trakinat | National Communications System | trakinaj@ncs.gov | | +1-703-607-6113 | +1-703-607-4830 | 3GPPMEMBER | ETSI US |
| Mr. Michael Truss | MOTOROLA Ltd | michael.truss@motorola.com | | +353 21 4511 327 | +353 21 4357 635 | 3GPPMEMBER | ETSI GB |
| Mr. Seishi Tsukada | NTT DoCoMo Inc. | tsukada@docomo.fr | | +33-1-56-88-30-30 | +33-1-56-88-30-45 | 3GPPMEMBER | TTC JP |
| Mr. Paolino Usai | ETSI Secretariat | paolo.usai@etsi.org | +336 74 40 83 73 | +33 4 92 94 42 36 | +33 4 92 38 52 06 | 3GPPORG_REP | ETSI FR |
| Mr. Hans van der Veen | NEC EUROPE LTD | hans.vanderveen@cclle.nec.de | +49 (0)163 275 17 16 | +49 (0)6221 905 1135 | +49 (0)6221 905 1155 | 3GPPMEMBER | ETSI GB |
| Mr. Veijo Vanttinen | Microcell SA | veijo.vanttinen@microcell.fi | | +358 50 3731514 | +358 30 6224481 | 3GPPGUEST | OTHE R CH |
| Mr. Imre Varga | SIEMENS AG | imre.varga@siemens.com | | +49 89 722 47537 | +49 89 722 59070 | 3GPPMEMBER | ETSI DE |
| Mrs. Wei (Victoria) Wang | Nanjing Ericsson Panda Com Ltd | victoria.wang@ericsson.com | | +861065615566-10393 | +861065611824 | 3GPPMEMBER | CCSA CN |
| Miss Yanhong Wang | HuaWei Technologies Co., Ltd | wangyanhong@huawei.com | | +86-21-68644808 | +86-21-50470076 | 3GPPMEMBER | CCSA CN |

| Name | Represented Company | e-mail address | Mobile Telephone | Telephone | Facsimile | 3GPP Status | | Cty |
|-------------------------|--------------------------|--|-------------------|-------------------|-------------------|-------------|------|-----|
| Mr. Kunio Watanabe | Fujitsu Limited | kunio.watanabe@jp.fujitsu.com | | +81 44 754 2617 | +81 44 754 2646 | 3GPPMEMBER | ARIB | JP |
| Mr. Anthony Wiener | T-Mobile (UK) | tony.wiener@t-mobile.co.uk | | +44 20 8214 2290 | +44 20 8905 1671 | 3GPPMEMBER | ETSI | GB |
| Dr. David Hugh Williams | QUALCOMM EUROPE S.A.R.L. | dwilliams@qualcomm.com | +33 6 61 26 83 69 | +33661268369 | | 3GPPMEMBER | ETSI | FR |
| Mr. Randolph Wohler | SBC Communications Inc. | randolph.wohler@labs.sbc.com | | +1 512 372 5838 | +1 512 372 5891 | 3GPPMEMBER | T1 | US |
| Miss Fei Xu | RITT | xufei@mail.ritt.com.cn | | +86-10-68094323 | | 3GPPMEMBER | CCSA | CN |
| Dr. Raziq Yaqub | Toshiba Corporation | ryaqub@tari.toshiba.com | +1-908-319-8422 | +1 973 829 2103 | +1-973-829-5601 | 3GPPMEMBER | ARIB | JP |
| Mr. Sang-Ui Yoon | ETSI Secretariat | sang-ui.yoon@etsi.org | | +33 4 92 94 42 97 | +33 4 92 38 52 93 | 3GPPORG_REP | ETSI | FR |
| Mr. Yukio Yoshimura | NEC Corporation | y-yoshimura@ax.jp.nec.com | | +81-45-939-6308 | +81-45-939-2179 | 3GPPMEMBER | ARIB | JP |
| Mr. Keiji Yoshino | TTC | yoshino@ttc.or.jp | | +81 3 3432 1551 | +81 3 3432 1553 | 3GPPORG_REP | TTC | JP |
| Mr. Michele Zarri | T-Mobile (UK) | michele.zarri@t-mobile.co.uk | +44 79 3200 2114 | +44 79 3200 2114 | +44 170 73 16009 | 3GPPMEMBER | ETSI | GB |
| Mr. Donald E. Zelmer | Cingular Wireless LLC | don.zelmer@cingular.com | +1 704 737 9950 | +1 404 236 5912 | +1 404 236 5968 | 3GPPMEMBER | T1 | US |
| Mr. Adrian Zoicas | ETSI Secretariat | adrian.zoicas@etsi.org | +33 6 74 40 83 72 | +33 4 92 94 42 21 | +33 4 92 38 52 21 | 3GPPORG_REP | ETSI | FR |

135 Participants

C.2 List of eligible Voting members for TSG SA#22

The attached list is dependent upon the information in C.1 and Individual Member companies who are recorded as attending TSG SA Meetings #19 or #18 (representation of an Individual Member at any of TSG SA Meetings #19, #20 or #21).

| Voting list for 3GPP TSG SA (Technical Specification Group - Services and System Aspects) | | |
|--|--|--|
| List Created on: 30 September 2003 | | |
| This report shows the 3GPP Member Companies on the Voting List after TSG SA Meeting #21 | | |
| Inclusion on the list is obtained by attending a meeting of TSG SA | | |
| A company is removed from this list if it is not represented at any of the 3 previous meetings of this group. | | |
| If you believe your company should be included in this list, please provide supporting information to MCC, the 3GPP Support Team at: 3gppcontact@etsi.org | | |

| Organisation Name | Organisation Status | Country |
|---|---------------------|---------|
| 3 | 3GPPMEMBER - ETSI | GB |
| ALCATEL S.A. | 3GPPMEMBER - ETSI | FR |
| AT&T Wireless Services, Inc. | 3GPPMEMBER - T1 | US |
| BT Group Plc | 3GPPMEMBER - ETSI | GB |
| BUNDESMINISTERIUM FUR WIRTSCHAFT | 3GPPMEMBER - ETSI | DE |
| CETECOM GmbH - Certification and Testing in Communications | 3GPPMEMBER - ETSI | DE |
| China Mobile Communications Corporation (CMCC) | 3GPPMEMBER - CCSA | CN |
| Cingular Wireless LLC | 3GPPMEMBER - T1 | US |
| Cisco Systems France | 3GPPMEMBER - ETSI | FR |
| Coding Technologies GmbH | 3GPPMEMBER - ETSI | DE |
| Dansk MobilTelefon I/S | 3GPPMEMBER - ETSI | DK |
| DoCoMo Europe S.A. | 3GPPMEMBER - ETSI | FR |
| Dolby Laboratories Inc. | 3GPPMEMBER - ETSI | GB |
| DTI - Department of Trade and Industry | 3GPPMEMBER - ETSI | GB |
| Elisa Communications Corporation | 3GPPMEMBER - ETSI | FI |
| Ericsson Incorporated | 3GPPMEMBER - T1 | US |
| Ericsson Korea | 3GPPMEMBER - TTA | KR |
| FINNISH COMMUNICATIONS REGULATORY AUTHORITY | 3GPPMEMBER - ETSI | FI |
| FUJITSU Laboratories of Europe Limited | 3GPPMEMBER - ETSI | GB |
| Fujitsu Limited | 3GPPMEMBER - ARIB | JP |
| Fujitsu Limited | 3GPPMEMBER - TTC | JP |
| GEMPLUS S.A. | 3GPPMEMBER - ETSI | FR |
| GIESECKE & DEVRIENT GmbH | 3GPPMEMBER - ETSI | DE |
| GROUPE CEGETEL | 3GPPMEMBER - ETSI | FR |
| HEWLETT-PACKARD France | 3GPPMEMBER - ETSI | FR |
| HuaWei Technologies Co., Ltd | 3GPPMEMBER - CCSA | CN |
| INTEL CORPORATION SARL | 3GPPMEMBER - ETSI | FR |
| INTERDIGITAL COMMUNICATIONS CORPORATION | 3GPPMEMBER - ETSI | US |
| J-Phone Co., Ltd. | 3GPPMEMBER - ARIB | JP |
| Koninklijke KPN N.V. | 3GPPMEMBER - ETSI | NL |
| LG Electronics Inc. | 3GPPMEMBER - TTA | KR |
| Lucent Technologies | 3GPPMEMBER - T1 | US |
| Lucent Technologies Network Systems UK | 3GPPMEMBER - ETSI | GB |
| MARCONI COMMUNICATIONS | 3GPPMEMBER - ETSI | GB |
| Matsushita Mobile Communication Development of Europe Limited (MMCDE) | 3GPPMEMBER - ETSI | GB |
| Megisto Systems Inc. | 3GPPMEMBER - ETSI | US |
| MELCO MOBILE COMMUNICATIONS EUROPE S.A. | 3GPPMEMBER - ETSI | FR |
| MICROSOFT EUROPE SARL | 3GPPMEMBER - ETSI | FR |
| Mitsubishi Electric Co. | 3GPPMEMBER - ARIB | JP |
| mmO2 plc | 3GPPMEMBER - ETSI | GB |
| MOTOROLA A/S | 3GPPMEMBER - ETSI | DK |
| MOTOROLA GmbH | 3GPPMEMBER - ETSI | DE |
| MOTOROLA Ltd | 3GPPMEMBER - ETSI | GB |
| MOTOROLA S.A.S | 3GPPMEMBER - ETSI | FR |
| NANJING ERICSSON PANDA COMMUNICATIONS LTD | 3GPPMEMBER - CCSA | CN |
| National Communications System | 3GPPMEMBER - ETSI | US |
| NEC Corporation | 3GPPMEMBER - ARIB | JP |
| NEC Corporation | 3GPPMEMBER - TTC | JP |
| NEC Electronics (Europe) GmbH | 3GPPMEMBER - ETSI | DE |

| Organisation Name | Organisation Status | Country |
|--|---------------------|---------|
| NEC EUROPE LTD | 3GPPMEMBER - ETSI | GB |
| NEC Technologies (UK) Ltd | 3GPPMEMBER - ETSI | GB |
| Nippon Ericsson K.K. | 3GPPMEMBER - ARIB | JP |
| Nippon Ericsson K.K. | 3GPPMEMBER - TTC | JP |
| NOKIA Corporation | 3GPPMEMBER - ETSI | FI |
| Nokia Japan Co, Ltd | 3GPPMEMBER - ARIB | JP |
| NOKIA KOREA | 3GPPMEMBER - TTA | KR |
| Nokia Telecommunications Inc. | 3GPPMEMBER - T1 | US |
| NORTEL NETWORKS (EUROPE) | 3GPPMEMBER - ETSI | GB |
| Nortel Networks (USA) | 3GPPMEMBER - T1 | US |
| NTT DoCoMo Inc | 3GPPMEMBER - TTC | JP |
| NTT DoCoMo Inc. | 3GPPMEMBER - ETSI | JP |
| NTT DoCoMo Inc. | 3GPPMEMBER - ARIB | JP |
| OFCOM | 3GPPMEMBER - ETSI | CH |
| ÖFEG - Österreichisch Fernmeldetechn. Entwicklungs-Förderungs Gesellschaft | 3GPPMEMBER - ETSI | AT |
| Openwave Systems (N.I.) Ltd | 3GPPMEMBER - ETSI | GB |
| ORANGE FRANCE | 3GPPMEMBER - ETSI | FR |
| ORANGE PCS LTD | 3GPPMEMBER - ETSI | GB |
| Panasonic Mobile Communications Co.,Ltd. | 3GPPMEMBER - ARIB | JP |
| Polska Telefonía Komorkowa CENTERTEL Sp.z.o.o. | 3GPPMEMBER - ETSI | PL |
| QUALCOMM EUROPE S.A.R.L. | 3GPPMEMBER - ETSI | FR |
| Research In Motion Limited | 3GPPMEMBER - ETSI | CA |
| Research Institute for Transmission and Telecommunication | 3GPPMEMBER - ETSI | CN |
| RITT | 3GPPMEMBER - CCSA | CN |
| Rogers Wireless Inc. | 3GPPMEMBER - T1 | CA |
| SAGEM Group | 3GPPMEMBER - ETSI | FR |
| Samsung Electronics Ind. Co., Ltd. | 3GPPMEMBER - TTA | KR |
| SAMSUNG Electronics Research Institute | 3GPPMEMBER - ETSI | GB |
| SBC Communications Inc. | 3GPPMEMBER - T1 | US |
| SchlumbergerSema - Schlumberger Systèmes S.A | 3GPPMEMBER - ETSI | FR |
| SHARP Corporation | 3GPPMEMBER - ARIB | JP |
| SIEMENS AG | 3GPPMEMBER - ETSI | DE |
| SIEMENS ATEA NV | 3GPPMEMBER - ETSI | BE |
| SIEMENS Mobile Communications S.p.A. | 3GPPMEMBER - ETSI | IT |
| SK TELECOM | 3GPPMEMBER - TTA | KR |
| Skyworks Solutions Inc. | 3GPPMEMBER - T1 | US |
| Sony Ericsson Mobile Communications Japan, Inc | 3GPPMEMBER - ARIB | JP |
| SWISSCOM SA | 3GPPMEMBER - ETSI | CH |
| T-Mobile (UK) Ltd | 3GPPMEMBER - ETSI | GB |
| T-Mobile AUSTRIA GmbH | 3GPPMEMBER - ETSI | AT |
| T-MOBILE DEUTSCHLAND | 3GPPMEMBER - ETSI | DE |
| T-Mobile USA Inc. | 3GPPMEMBER - T1 | US |
| TDC Switzerland AG | 3GPPMEMBER - ETSI | CH |
| Telcordia Technologies Inc. | 3GPPMEMBER - T1 | US |
| TELECOM ITALIA S.p.A. | 3GPPMEMBER - ETSI | IT |
| Telefon AB LM Ericsson | 3GPPMEMBER - ETSI | SE |
| TELEFONICA DE ESPAÑA SA | 3GPPMEMBER - ETSI | ES |
| TeliaSonera AB | 3GPPMEMBER - ETSI | SE |
| Toshiba Corporation, Digital Media Network Company | 3GPPMEMBER - ARIB | JP |
| TruePosition Inc. | 3GPPMEMBER - ETSI | US |
| Unisys Deutschland GmbH | 3GPPMEMBER - ETSI | DE |
| VIPnet d.o.o | 3GPPMEMBER - ETSI | HR |
| Vodafone D2 GmbH | 3GPPMEMBER - ETSI | DE |
| VODAFONE Group Plc | 3GPPMEMBER - ETSI | GB |
| VODAFONE LTD | 3GPPMEMBER - ETSI | GB |

Total: 104 Individual Member Companies

Annex D: Status list of Specifications and Reports after TSG SA Meeting #21

D.1 Release 1999 GSM Specifications and reports

See also: <http://www.3gpp.org/specs/specs.htm>

NEW: Web-Based Specifications Database: <http://www.3gpp.org/specs/numbering.htm>

| Type | Number | Title | Ver at TSG#21 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|----------------------------|--|
| TS | 01.01 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | 8.11.1 | R99 | SP | MEREDITH, John M | post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for backwards extension to earlier releases. |
| TR | 01.04 | Abbreviations and acronyms | 8.0.0 | R99 | GP | CLAYTON, Michael | |
| TR | 01.31 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | 8.0.0 | R99 | S3 | WRIGHT, Tim | |
| TR | 01.33 | Lawful Interception requirements for GSM | 8.0.0 | R99 | S3 | MCKIBBEN, Bernie | |
| TS | 01.61 | General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements | 8.0.0 | R99 | S3 | WALKER, Michael | |
| TS | 02.09 | Security aspects | 8.0.1 | R99 | S3 | CHRISTOFFERSSON, Per | |
| TS | 02.17 | Subscriber Identity Module (SIM); Functional characteristics | 8.0.0 | R99 | T3 | HOOKER, Philip | |
| TS | 02.19 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | 8.0.0 | R99 | T3 | DIETRICH, Christian | SMG9->T3@#31 |
| TS | 02.33 | Lawful Interception (LI); Stage 1 | 8.0.1 | R99 | S3 | MCKIBBEN, Bernie | |
| TS | 02.43 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | 8.0.0 | R99 | S1 | KOKKOLA, Tommi | |
| TS | 02.48 | Security mechanisms for the SIM Application Toolkit; Stage 1 | 8.0.0 | R99 | T3 | BARNES, Nigel | SMG9->T3@#31 |
| TS | 02.53 | Tandem Free Operation (TFO); Service description; Stage 1 | 8.0.1 | R99 | S4 | NAVARRO, William | SMG11->S4 at SMG#30 |
| TS | 02.56 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | 8.0.1 | R99 | S1 | GALLIGO, Michel | |
| TS | 02.68 | Voice Group Call Service (VGCS); Stage 1 | 8.1.0 | R99 | S1 | GILES, Les | |
| TS | 02.69 | Voice Broadcast Service (VBS); Stage 1 | 8.1.0 | R99 | S1 | GILES, Les | |
| TS | 02.76 | Noise Suppression for the AMR | 8.0.1 | R99 | S4 | USAI, Paolino | |
| TS | 02.95 | Support of Private Numbering Plan (SPNP); Service description; Stage 1 | 8.0.0 | R99 | S1 | CLAYTON, Michael | |
| TR | 03.05 | Technical performance objectives | 8.0.0 | R99 | NP | BOSWARTHICK, David | |
| TS | 03.10 | GSM Public Land Mobile Network (PLMN) Connection Types | 8.3.0 | R99 | N3 | BOSWARTHICK, David | |
| TS | 03.13 | Discontinuous Reception (DRX) in the GSM System | 8.0.0 | R99 | G1 | USAI, Paolino | |
| TS | 03.19 | Subscriber Identity Module Application Programming Interface (SIM API) for Java Card | 8.5.0 | R99 | T3 | DIETRICH, Christian | SMG9->T3@#31 |
| TS | 03.20 | Security-related Network Functions | 8.1.0 | R99 | S3 | NGUYEN NGOC, Sebastien | |
| TS | 03.22 | Functions related to Mobile Station (MS) in idle mode and group receive mode | 8.7.0 | R99 | G1 | ANDERSEN, Niels Peter Skov | Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and group receive mode". |
| TR | 03.26 | Multiband operation of GSM/DCS 1800 by a single operator | 8.0.0 | R99 | G1 | ANDERSEN, Niels Peter Skov | |
| TR | 03.30 | Radio Network Planning Aspects | 8.3.0 | R99 | GP | TEGTH, Ulf | |
| TS | 03.33 | Lawful Interception; Stage 2 | 8.1.0 | R99 | S3 | MCKIBBEN, Bernie | |

| Type | Number | Title | Ver at TSG#21 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|-----------------------------|--|
| TS | 03.45 | Technical Realization of Facsimile Group 3 Service - transparent | 8.0.1 | R99 | N3 | BOSWARTHICK, David | |
| TS | 03.46 | Technical Realization of Facsimile Group 3 Service - non transparent | 8.0.1 | R99 | N3 | BOSWARTHICK, David | |
| TS | 03.48 | Security mechanisms for SIM application toolkit; Stage 2 | 8.8.0 | R99 | T3 | BARNES, Nigel | SMG9->T3@#31 |
| TS | 03.50 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | 8.1.1 | R99 | S4 | USAI, Paolino | |
| TS | 03.52 | Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 | 8.0.1 | R99 | G1 | GIRAUD, Alexis | |
| TS | 03.53 | Tandem Free Operation (TFO); Service description; Stage 2 | 8.0.0 | R99 | S4 | FAUCONNIER, Denis | Mar00: prime responsibility txfrd to SMG11 |
| TR | 03.55 | Dual Transfer Mode (DTM); Stage 2 | 8.1.0 | R99 | G1 | CARRIZO MARTINEZ, Jose Luis | |
| TR | 03.58 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | 8.0.0 | R99 | S4 | MONFORT, Jean-Yves | |
| TS | 03.64 | General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2 | 8.11.0 | R99 | G1 | LEPPISAARI, Arto | |
| TS | 03.68 | Voice Group Call Service (VGCS); Stage 2 | 8.3.0 | R99 | N1 | GARAPATY, Sonia | |
| TS | 03.69 | Voice Broadcast service (VBS); Stage 2 | 8.3.0 | R99 | N1 | MÜNNING, Dirk | |
| TS | 03.71 | Location Services (LCS); Functional description; Stage 2 | 8.7.0 | R99 | S2 | BROOK, Richard | |
| TS | 03.73 | Support of Localised Service Area (SoLSA); Stage 2 | 8.0.0 | R99 | N4 | KYMALAINEN, Kimmo | 2001-10-11: S2->N4 to align with ownership of 23.073. |
| TS | 04.01 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | 8.0.0 | R99 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 04.03 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | 8.0.2 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 04.04 | Layer 1 - General Requirements | 8.1.2 | R99 | G2 | ISAACS, Ken | |
| TS | 04.05 | Data Link (DL) Layer General Aspects | 8.0.2 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 04.06 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | 8.2.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 04.08 | Mobile radio interface layer 3 specification | 8.0.0 | R99 | N1 | HOWELL, Andrew | 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen (even numbered CRs!) |
| TS | 04.12 | Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface | 8.0.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 04.13 | Performance Requirements on Mobile Radio Interface | 8.0.1 | R99 | N1 | PUDNEY, Chris | |
| TS | 04.14 | Individual equipment type requirements and interworking; Special conformance testing functions | 8.5.0 | R99 | G2 | HOWELL, Andrew | |
| TS | 04.18 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | 8.19.0 | R99 | G2 | HOWELL, Andrew | |
| TS | 04.21 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | 8.3.0 | R99 | N3 | RÄSÄNEN, Juha | |
| TS | 04.31 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | 8.11.0 | R99 | G2 | GARAPATY, Sonia | |
| TS | 04.35 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | 8.4.1 | R99 | G2 | GARAPATY, Sonia | |
| TS | 04.56 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | 8.0.1 | R99 | N1 | HUPPERICH, Peter | |
| TS | 04.57 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | 8.0.1 | R99 | N1 | HUPPERICH, Peter | |

| Type | Number | Title | Ver at TSG#21 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|----------------------------|---|
| TS | 04.60 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | 8.20.0 | R99 | G2 | BLACK, Jyoti | |
| TS | 04.64 | General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification | 8.7.0 | R99 | N1 | DOIG, Ian | |
| TS | 04.65 | General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDTCP) | 8.2.0 | R99 | N1 | DOIG, Ian | 24.065 existed, but scrapped since 04.65 is GSM only. |
| TS | 04.68 | Group Call Control (GCC) Protocol | 8.1.0 | R99 | N1 | GARAPATY, Sonia | |
| TS | 04.69 | Broadcast Call Control (BCC) protocol | 8.1.0 | R99 | N1 | GARAPATY, Sonia | |
| TS | 04.71 | Location Services (LCS); Mobile radio interface layer 3 specification | 8.4.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000. |
| TS | 05.01 | Physical Layer on the Radio Path (General Description) | 8.7.0 | R99 | G1 | JOKINEN, Harri | |
| TS | 05.02 | Multiplexing and Multiple Access on the Radio Path | 8.11.0 | R99 | G1 | SÉBIRE, Benoist | |
| TS | 05.03 | Channel coding | 8.7.0 | R99 | G1 | SÉBIRE, Benoist | |
| TS | 05.04 | Modulation | 8.4.0 | R99 | G1 | SÉBIRE, Benoist | |
| TS | 05.05 | Radio Transmission and Reception | 8.16.0 | R99 | G1 | SAMUELSSON, Mats | |
| TS | 05.08 | Radio Subsystem Link Control | 8.18.0 | R99 | G1 | EL-SAIGH, Amer | |
| TS | 05.09 | Link adaptation | 8.5.0 | R99 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 05.10 | Radio subsystem synchronization | 8.12.0 | R99 | G1 | JOKINEN, Harri | |
| TR | 05.22 | Radio link management in hierarchical networks | 8.0.0 | R99 | G1 | VAN BUSSEL, Han | |
| TR | 05.50 | Background for RF Requirements | 8.2.0 | R99 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 05.56 | GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem | 8.0.1 | R99 | G1 | USAI, Paolino | |
| TS | 06.01 | Full Rate Speech Processing Functions | 8.0.1 | R99 | S4 | USAI, Paolino | |
| TS | 06.02 | Half Rate Speech Processing Functions | 8.0.0 | R99 | S4 | AFTELAK, Steve | |
| TS | 06.06 | Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec | 8.0.1 | R99 | S4 | AFTELAK, Steve | |
| TS | 06.07 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | 8.0.1 | R99 | S4 | AFTELAK, Steve | |
| TR | 06.08 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | 8.0.0 | R99 | S4 | SALEM, Tarek | |
| TS | 06.10 | Full Rate Speech Transcoding | 8.2.0 | R99 | S4 | LORENZ, Dietmar | |
| TS | 06.11 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | 8.0.1 | R99 | S4 | NAVARRO, William | |
| TS | 06.12 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | 8.1.0 | R99 | S4 | SERENO, Daniele | |
| TS | 06.20 | Half Rate Speech Transcoding | 8.0.1 | R99 | S4 | AFTELAK, Steve | |
| TS | 06.21 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | 8.0.1 | R99 | S4 | AFTELAK, Steve | |
| TS | 06.22 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | 8.0.1 | R99 | S4 | AFTELAK, Steve | |
| TS | 06.31 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | 8.0.1 | R99 | S4 | USAI, Paolino | |
| TS | 06.32 | Voice Activity Detection (VAD) | 8.0.1 | R99 | S4 | BARRETT, Paul | |
| TS | 06.41 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | 8.0.1 | R99 | S4 | USAI, Paolino | |

| Type | Number | Title | Ver at TSG#21 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|----------------------------|--|
| TS | 06.42 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | 8.0.1 | R99 | S4 | BARRETT, Paul | |
| TS | 06.51 | GSM Enhanced full rate speech processing functions: General description | 8.2.0 | R99 | S4 | JÄRVINEN, Kari | |
| TS | 06.53 | ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TS | 06.54 | Test sequences for the GSM Enhanced Full Rate (EFR) | 8.2.0 | R99 | S4 | JÄRVINEN, Kari | |
| TR | 06.55 | Performance characterisation of the GSM EFR Speech Codec | 8.0.0 | R99 | S4 | SALEM, Tarek | |
| TS | 06.60 | Enhanced full rate speech transcoding | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TS | 06.61 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TS | 06.62 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TR | 06.76 | Adaptive Multi-Rate (AMR) speech codec; Study phase report | 8.0.1 | R99 | S4 | USAI, Paolino | New at SMG#31. Then became 06.77; new 06.76 has new title. |
| TS | 06.77 | Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder | 8.1.1 | R99 | S4 | USAI, Paolino | |
| TR | 06.78 | Results of the AMR noise suppression selection phase | 8.0.1 | R99 | S4 | USAI, Paolino | |
| TS | 06.81 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TS | 06.82 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | 8.0.1 | R99 | S4 | JÄRVINEN, Kari | |
| TR | 06.85 | Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation | 8.0.0 | R99 | S4 | USAI, Paolino | |
| TS | 08.01 | General Aspects on the BSS-MSC Interface | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.02 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.04 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.06 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.08 | Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | 8.15.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.14 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.16 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.18 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | 8.10.0 | R99 | G2 | BLACK, Jyoti | |
| TS | 08.20 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | 8.4.1 | R99 | N3 | RÄSÄNEN, Juha | |
| TS | 08.31 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | 8.1.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |

| Type | Number | Title | Ver at TSG#21 | Rel | TSG/WG | Editor | Comment |
|------|---------|--|---------------|-----|--------|----------------------------|--|
| TS | 08.51 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.52 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.54 | BSC-BTS Layer 1; Structure of Physical Circuits | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.56 | BSC-BTS Layer 2; Specification | 8.0.1 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.58 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification | 8.6.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 08.60 | In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels | 8.2.1 | R99 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 08.61 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | 8.1.0 | R99 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 08.62 | Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 | 8.0.1 | R99 | S4 | USAI, Paolino | SMG11->S4 at SMG#30 |
| TS | 08.71 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 | 8.5.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TR | 09.01 | General Network Interworking Scenarios | 8.0.0 | R99 | N4 | KYMALAINEN, Kimmo | |
| TS | 09.08 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | 8.2.0 | R99 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 09.31 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | 8.6.0 | R99 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 10.56 | Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1 | 8.0.0 | R99 | S2 | GALLIGO, Michel | |
| TR | 10.59 | Project scheduling and open issues for EDGE | 8.0.0 | R99 | G1 | MUELLER, Frank | |
| TS | 11.10-1 | Mobile station (MS) conformance specification; Part 1: Conformance specification | 8.3.0 | R99 | G3new | SALMERON, Lidia | R99 version now serves all releases. Earlier releases closed.. Subsequently replaced by Rel-5 equivalent. 2001-11-19: G4->G5. |
| TS | 11.10-4 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | 8.5.0 | R99 | T3 | SALMERON, Lidia | TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4). |
| TS | 11.11 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface | 8.10.0 | R99 | T3 | GUTHERY, Scott B. | |
| TS | 11.13 | Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card | 8.2.1 | R99 | T3 | LLOBREGAT, Fernando | |
| TS | 11.14 | Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | 8.14.0 | R99 | T3 | WOODSEND, Kristian | |
| TS | 11.17 | Subscriber Interface Module (SIM) test specification | 8.1.0 | R99 | T3 | BREMNER, David | |
| TS | 11.21 | Base Station System (BSS) equipment specification; Radio aspects | 8.9.0 | R99 | G1 | VACANT, | |
| TS | 11.26 | Base Station System (BSS) equipment specification; Part 4: Repeaters | 8.0.2 | R99 | G1 | VACANT, | |
| TS | 12.03 | Security Management | 8.0.0 | R99 | S5 | TRUSS, Michael | |
| TS | 12.04 | Performance data measurements | 8.1.0 | R99 | S5 | TOCHE, Christian | |
| TS | 12.21 | Network Management (NM) procedures and messages on the A-bis interface | 8.0.0 | R99 | G1 | TRUSS, Michael | SP-13: S5->G3 but no change of rapporteur. |
| TS | 12.71 | Location Services (LCS); Location services management | 8.0.1 | R99 | S5 | GARAPATY, Sonia | TSG#11:S5 will no longer maintain. |

D.2 Release 1999 3GPP Specifications and reports

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|------------------------|--|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | 3.12.0 | R99 | SP | MEREDITH, John M | 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". |
| TS | 21.111 | USIM and IC card requirements | 3.4.0 | R99 | T3 | KALINER, Stefan | |
| TS | 21.133 | 3G security; Security threats and requirements | 3.2.0 | R99 | S3 | CHRISTOFFERSSON, Per | |
| TR | 21.810 | Report on multi-mode UE issues; ongoing work and identified additional work | 3.0.0 | R99 | T2 | PERSSON, Sofi | Was formerly 21.910. Renumbered at TSG#7. |
| TR | 21.900 | Technical Specification Group working methods | 3.6.0 | R99 | SP | MEREDITH, John M | |
| TR | 21.904 | User Equipment (UE) capability requirements | 3.5.0 | R99 | T2 | SOOD, Prem | |
| TR | 21.905 | Vocabulary for 3GPP Specifications | 3.3.0 | R99 | S1 | ZARRI, Michele | |
| TR | 21.910 | Multi-mode UE issues; categories, principles and procedures | 3.0.0 | R99 | T2 | PERSSON, Sofi | TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title. |
| TR | 21.978 | Feasibility Technical Report; CAMEL Control of VoIP Services | 3.0.0 | R99 | N2 | | |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | 3.2.0 | R99 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | 3.6.0 | R99 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | 3.3.0 | R99 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.004 | General on supplementary services | 3.3.0 | R99 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.011 | Service accessibility | 3.8.0 | R99 | S1 | GALLAIRE, Jean Paul | Transfer>TSG#4 |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | 3.3.0 | R99 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | 3.2.1 | R99 | S3 | NGUYEN NGOC, Sebastien | Transfer>TSG#4 |
| TS | 22.024 | Description of Charge Advice Information (CAI) | 3.0.1 | R99 | S1 | DWYER, Paul | Transfer>TSG#4, CR at TSG#5 |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | 3.4.0 | R99 | S1 | TOIVANEN, Annukka | Transfer>TSG#4 |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | 3.0.0 | R99 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031. |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | 3.0.0 | R99 | S3 | WRIGHT, Tim | SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | 3.2.1 | R99 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | 3.3.0 | R99 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.041 | Operator Determined Call Barring | 3.3.1 | R99 | S1 | WOLAK, Stephen | Transfer>TSG#4 |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | 3.0.1 | R99 | S1 | DAHLKVIST, Mikael | Transfer>TSG#4 |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | 3.0.1 | R99 | S1 | CATALDO, Mark | Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | 3.5.0 | R99 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | 3.2.0 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | 3.0.1 | R99 | S1 | SWETINA, Joerg | Transfer>TSG#4 |
| TS | 22.071 | Location Services (LCS); Stage 1 | 3.4.0 | R99 | S1 | WOHLERT, Randolph | Transfer>TSG#4 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|--------------------------|---|
| TS | 22.072 | Call Deflection (CD); Stage 1 | 3.0.1 | R99 | S1 | RAUCH, Horst | Transfer>TSG#4 |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | 3.9.0 | R99 | S1 | GRECH, Michel | |
| TS | 22.079 | Support of optimal routing; Stage 1 | 3.0.1 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | 3.2.0 | R99 | S1 | AHNBERG, Tomas | Transfer>TSG#4 |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | 3.0.1 | R99 | S1 | EVEN, Anne | Transfer>TSG#4 |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | 3.0.1 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | 3.0.1 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | 3.1.0 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | 3.1.0 | R99 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | 3.1.0 | R99 | S1 | BRADEN, Christian | Transfer>TSG#4 |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | 3.0.2 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | 3.1.0 | R99 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | 3.1.0 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | 3.0.1 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.094 | Follow Me service description - Stage 1 | 3.1.0 | R99 | S1 | BERGMANN, Ansgar | Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094. |
| TS | 22.096 | Name identification supplementary services; Stage 1 | 3.0.1 | R99 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | 3.2.0 | R99 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.100 | UMTS Phase 1 | 3.7.0 | R99 | S1 | EVEN, Anne | |
| TS | 22.101 | Service aspects; Service principles | 3.15.0 | R99 | S1 | DWYER, Paul | |
| TS | 22.105 | Services and service capabilities | 3.10.0 | R99 | S1 | EVEN, Anne | |
| TS | 22.115 | Service Aspects Charging and billing | 3.3.0 | R99 | S1 | MONTEGROSSO, Emanuele | |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | 3.3.1 | R99 | S1 | OGUNBEKUN, Jumoke | Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR. |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | 3.6.0 | R99 | S1 | SAMPSON, Nick | |
| TS | 22.135 | Multicall; Service description; Stage 1 | 3.4.0 | R99 | S1 | KOKKOLA, Tommi | |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | 3.1.0 | R99 | S1 | LAUMEN, Josef | (development in T2) |
| TR | 22.945 | Study of provision of fax service in GSM and UMTS | 3.0.0 | R99 | T2 | COLBAN, Erik | |
| TR | 22.971 | Automatic establishment of roaming relationships | 3.1.1 | R99 | S1 | MONTEGROSSO, Emanuele | |
| TR | 22.975 | Advanced addressing | 3.1.0 | R99 | S1 | KLEIER, Stephan | |
| TS | 23.002 | Network architecture | 3.6.0 | R99 | S2 | SULTAN, Alain | Transfer>TSG#4,CR at TSG#5 |
| TS | 23.003 | Numbering, Addressing and Identification | 3.13.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 23.007 | Restoration procedures | 3.5.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 23.008 | Organisation of subscriber data | 3.8.0 | R99 | N4 | BAUER, Rolf | |
| TS | 23.009 | Handover procedures | 3.14.0 | R99 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 23.011 | Technical realization of Supplementary Services | 3.1.0 | R99 | N4 | CONRAD, Alan | |
| TS | 23.012 | Location management procedures | 3.3.0 | R99 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | 3.2.0 | R99 | N1 | ZAUS, Robert | Should not be in UMTS ???? |
| TS | 23.015 | Technical realisation of Operator Determined Barring (ODB) | 3.1.0 | R99 | N4 | PARK, Ian David Chalmers | |
| TS | 23.016 | Subscriber data management; Stage 2 | 3.9.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.018 | Basic Call Handling; Technical realization | 3.12.0 | R99 | N4 | PARK, Ian David Chalmers | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|--------------------------|---|
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | 3.0.0 | R99 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 -> 23.031. |
| TS | 23.032 | Universal Geographical Area Description (GAD) | 3.2.1 | R99 | S2 | HIETALAHTI, Hannu | S2 responsibility? |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | 3.3.0 | R99 | N1 | | |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | 3.1.0 | R99 | S3 | WRIGHT, Tim | SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). |
| TS | 23.038 | Alphabets and language-specific information | 3.3.0 | R99 | T2 | HARRIS, Ian | |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | 3.2.0 | R99 | T2 | HARRIS, Ian | |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | 3.1.0.0 | R99 | T2 | HARRIS, Ian | |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | 3.5.0 | R99 | T2 | HARRIS, Ian | Transfer->TSG#4 |
| TS | 23.042 | Compression algorithm for SMS | 3.1.0 | R99 | T2 | HARRIS, Ian | |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | 3.4.0 | R99 | T2 | BRENK, Lars | Apr-2001: " Station Application" removed from title. |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | 3.15.0 | R99 | S2 | ZHAO, Yilin | Transfer->TSG#4 |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | 3.3.0 | R99 | N4 | LOPEZ SORIA, Luis | Transfer->TSG#4, CR at TSG#5 |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | 3.3.0 | R99 | N4 | SCHMITT, Peter | |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | 3.3.0 | R99 | N4 | CONRAD, Alan | |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | 3.18.0 | R99 | N2 | HOMANN, Christian | CR at TSG#4,CR at TSG#5 |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | 3.8.0 | R99 | N4 | PARK, Ian David Chalmers | CR at TSG#4,CR at TSG#5 |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | 3.2.0 | R99 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | 3.7.0 | R99 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | 3.2.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 23.084 | MultiParty (MPTY) Supplementary Service; Stage 2 | 3.2.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | 3.1.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | 3.1.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | 3.1.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | 3.2.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | 3.2.0 | R99 | N4 | CROOK, Mick | |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | 3.2.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | 3.2.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.094 | Follow Me Stage 2 | 3.2.0 | R99 | N4 | WIEHE, Ulrich | Transfer->TSG#4. GSM only @TSG#5 |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | 3.0.1 | R99 | N4 | WIEHE, Ulrich | |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | 3.1.1 | R99 | N4 | RUSSELL, Nick | Transfer->TSG#4,CR at TSG#5 |
| TS | 23.101 | General UMTS Architecture | 3.1.0 | R99 | S2 | OLSSON, Magnus | |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | 3.9.0 | R99 | S2 | GREIS, Marc | was 23.907 |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | 3.2.0 | R99 | N1 | DOIG, Ian | This is clause 7 from 04.08 ex R98. |
| TS | 23.110 | UMTS Access Stratum Services and Functions | 3.4.0 | R99 | S2 | LOPEZ-TORRES, Oscar | |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | 3.2.0 | R99 | N4 | ALLEN, Nicholas | New after TSG#5 |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | 3.0.0 | R99 | N4 | SAWADA, Masahiro | New after TSG#5 |
| TS | 23.121 | Architectural requirements for Release 1999 | 3.6.0 | R99 | S2 | DANIEL, Elizabeth | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|----------------------------|---|
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | 3.10.0 | R99 | N1 | HIETALAHTI, Hannu | |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | 3.4.0 | R99 | S2 | GOURRAUD, Christophe | Sept 00: "Open Service Architecture" removed from title. |
| TS | 23.135 | Multicall supplementary service; Stage 2 | 3.2.0 | R99 | N4 | MITAMURA, Kazuo | |
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | 3.1.0 | R99 | T2 | LAUMEN, Josef | |
| TS | 23.171 | Location Services (LCS); Functional description; Stage 2 (UMTS) | 3.10.0 | R99 | S2 | KÄLL, Jan | |
| TR | 23.814 | Separating RR and MM specific parts of the MS Classmark | 3.1.0 | R99 | N1 | YOKOTA, Fumihiko | New after TSG#5 |
| TR | 23.908 | Technical report on Pre-Paging | 3.0.1 | R99 | N4 | KYMALAINEN, Kimmo | |
| TR | 23.909 | Technical report on the Gateway Location Register | 3.0.1 | R99 | N4 | PARK, Ian David Chalmers | |
| TR | 23.910 | Circuit switched data bearer services | 3.6.0 | R99 | N3 | HUSLENDE, Ragnar | 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval) |
| TR | 23.911 | Technical report on Out-of-band transcoder control | 3.0.1 | R99 | N4 | KYMALAINEN, Kimmo | |
| TR | 23.912 | Technical report on Super-Charger | 3.1.0 | R99 | N4 | SHARP, Iain | |
| TR | 23.923 | Combined GSM and Mobile IP mobility handling in UMTS IP CN | 3.0.0 | R99 | S2 | HUBBARD, Elisabeth | |
| TR | 23.930 | Iu Principles | 3.0.0 | R99 | S2 | AXERUD, Bo | |
| TR | 23.972 | Circuit switched multimedia telephony | 3.0.0 | R99 | N1 | FARHOUMAND, Rouzbeh | New after TSG#5. Minor title change TSG#7. |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | 3.1.1 | R99 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | 3.9.0 | R99 | N1 | HOWELL, Andrew | Transfer->TSG#4,CR at TSG#5 |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | 3.17.0 | R99 | N1 | HOWELL, Andrew | |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | 3.2.0 | R99 | N4 | ANDERSEN, Niels Peter Skov | |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | 3.6.0 | R99 | N1 | ANDERSEN, Niels Peter Skov | Transfer->TSG#4 |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | 3.5.0 | R99 | N3 | KLEHN, Norbert | CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface". |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | 3.3.0 | R99 | N4 | GARAPATY, Sonia | TSG#7: txfrd from SMG to 3GPP for R99. |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | 3.2.0 | R99 | N4 | SCHMITT, Peter | |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | 3.7.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | 3.1.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | RUSSELL, Nick | |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | 3.0.0 | R99 | N4 | BRUSS, Jörg | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|----------------------|--|
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 24.135 | Multicall supplementary service; Stage 3 | 3.2.0 | R99 | N4 | MITAMURA, Kazuo | |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | 3.15.0 | R99 | R4 | FERNANDES, Edgar | |
| TS | 25.102 | User Equipment (UE) radio transmission and reception (TDD) | 3.12.0 | R99 | R4 | KOTTKAMP, Meik | |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | 3.12.0 | R99 | R4 | SKÖLD, Johan | |
| TS | 25.105 | UTRA (BS) TDD: Radio transmission and reception | 3.13.0 | R99 | R4 | KOTTKAMP, Meik | |
| TS | 25.113 | Base station and repeater electromagnetic compatibility (EMC) | 3.5.0 | R99 | R4 | BARNES, David | |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | 3.13.0 | R99 | R4 | GUERRINI, Claudio | |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | 3.15.0 | R99 | R4 | GUERRINI, Claudio | |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | 3.13.0 | R99 | R4 | NAKAMURA, Takaharu | |
| TS | 25.142 | Base Station (BS) conformance testing (TDD) | 3.13.0 | R99 | R4 | MEYER, Juergen | |
| TS | 25.201 | Physical layer - general description | 3.4.0 | R99 | R1 | TOSKALA, Antti | |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | 3.12.0 | R99 | R1 | WILDE, Andreas | |
| TS | 25.212 | Multiplexing and channel coding (FDD) | 3.11.0 | R99 | R1 | TANAKA, Yoshinori | |
| TS | 25.213 | Spreading and modulation (FDD) | 3.8.0 | R99 | R1 | CHAMBERS, Peter | |
| TS | 25.214 | Physical layer procedures (FDD) | 3.12.0 | R99 | R1 | IKEDA, Shinobu | |
| TS | 25.215 | Physical layer; Measurements (FDD) | 3.12.0 | R99 | R1 | IKEDA, Shinobu | |
| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | 3.11.0 | R99 | R1 | HIRAMATSU, Katsuhiko | |
| TS | 25.222 | Multiplexing and channel coding (TDD) | 3.10.0 | R99 | R1 | KAHTAVA, Jussi | |
| TS | 25.223 | Spreading and modulation (TDD) | 3.8.0 | R99 | R1 | VACANT, | |
| TS | 25.224 | Physical layer procedures (TDD) | 3.13.0 | R99 | R1 | OESTREICH, Stefan | |
| TS | 25.225 | Physical layer; Measurements (TDD) | 3.12.0 | R99 | R1 | IKEDA, Shinobu | |
| TS | 25.301 | Radio Interface Protocol Architecture | 3.11.0 | R99 | R2 | GRANZOW, Wolfgang | |
| TS | 25.302 | Services provided by the physical layer | 3.16.0 | R99 | R2 | MIHAILESCU, Claudiu | V3.0.0 approved via e-mail July 99 CR at TSG#5? |
| TS | 25.303 | Interlayer procedures in Connected Mode | 3.12.0 | R99 | R2 | RINNE, Mikko J | |
| TS | 25.304 | User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode | 3.13.0 | R99 | R2 | MAHKONEN, Marko | |
| TS | 25.305 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | 3.10.0 | R99 | R2 | MIHAILESCU, Claudiu | Created from 25.923 |
| TS | 25.306 | UE Radio Access capabilities definition | 3.9.0 | R99 | R2 | BERGGREN, Anders | Converted from TR 25.926 at TSG#10. |
| TS | 25.307 | Requirements on UEs supporting a release-independent frequency band | 3.1.0 | R99 | R2 | FAUCONNIER, Denis | Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements. |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | 3.16.0 | R99 | R2 | STADLER, Thomas | |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | 3.16.0 | R99 | R2 | MADELAINE, Sebastien | |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | 3.10.0 | R99 | R2 | HANS, Martin | |
| TS | 25.324 | Broadcast/Multicast Control (BMC) | 3.7.0 | R99 | R2 | HARTL, Mike | |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | 3.16.0 | R99 | R2 | KUCHIBHOTLA, Ravi | |
| TS | 25.401 | UTRAN overall description | 3.10.0 | R99 | R3 | CALMEL, Jean-Marie | Approval at TSG#5 |
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | 3.10.0 | R99 | R3 | PIOLINI, Flavio | New |
| TS | 25.410 | UTRAN Iu Interface: General Aspects and Principles | 3.8.0 | R99 | R3 | TOWNEND, Richard | Approval at TSG#5 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|---------------------|--|
| TS | 25.411 | UTRAN Iu interface layer 1 | 3.5.0 | R99 | R3 | BRANDT, Achim V. | |
| TS | 25.412 | UTRAN Iu interface signalling transport | 3.6.0 | R99 | R3 | THAKARE, Kiran | |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | 3.14.0 | R99 | R3 | JUSSILA, Jyrki | |
| TS | 25.414 | UTRAN Iu interface data transport & transport signalling | 3.13.0 | R99 | R3 | COMSTOCK, David | |
| TS | 25.415 | UTRAN Iu interface user plane protocols | 3.12.0 | R99 | R3 | MAUPIN, Alain | |
| TS | 25.419 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | 3.11.0 | R99 | R3 | TAYLOR, Carolyn | |
| TS | 25.420 | UTRAN Iur Interface: General Aspects and Principles | 3.5.0 | R99 | R3 | THAKARE, Kiran | |
| TS | 25.421 | UTRAN Iur interface Layer 1 | 3.1.0 | R99 | R3 | BRANDT, Achim V. | |
| TS | 25.422 | UTRAN Iur interface signalling transport | 3.6.1 | R99 | R3 | THAKARE, Kiran | |
| TS | 25.423 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | 3.14.0 | R99 | R3 | RUNE, Göran | |
| TS | 25.424 | UTRAN Iur interface data transport & transport signalling for CCH data streams | 3.9.0 | R99 | R3 | DREVON, Nicolas | |
| TS | 25.425 | UTRAN Iur interface user plane protocols for CCH data streams | 3.7.0 | R99 | R3 | DREVON, Nicolas | |
| TS | 25.426 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | 3.9.0 | R99 | R3 | KEKKI, Sami | |
| TS | 25.427 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | 3.10.0 | R99 | R3 | LONGONI, Fabio | |
| TS | 25.430 | UTRAN Iub Interface: General Aspects and Principles | 3.8.0 | R99 | R3 | WILSON, Mick | |
| TS | 25.431 | UTRAN Iub interface Layer 1 | 3.1.0 | R99 | R3 | BRANDT, Achim V. | |
| TS | 25.432 | UTRAN Iub interface: signalling transport | 3.1.0 | R99 | R3 | WILSON, Mick | |
| TS | 25.433 | UTRAN Iub interface NBAP signalling | 3.14.0 | R99 | R3 | ISHIKAWA, Nobutaka | |
| TS | 25.434 | UTRAN Iub interface data transport & transport signalling for CCH data streams | 3.8.0 | R99 | R3 | ALDEN, Magnus | |
| TS | 25.435 | UTRAN Iub interface user plane protocols for CCH data streams | 3.10.0 | R99 | R3 | CALMEL, Jean-Marie | |
| TS | 25.442 | UTRAN implementation-specific O&M transport | 3.1.0 | R99 | R3 | RECKER, Stephan | |
| TR | 25.832 | Manifestations of Handover and SRNS relocation | 3.0.0 | R99 | R3 | TOWNEND, Richard | |
| TR | 25.853 | Delay budget within the access stratum | 3.1.0 | R99 | R3 | DELL'ACQUA, Massimo | Was 25.932. Approved and renumbered at TSG#10. |
| TR | 25.921 | Guidelines and principles for protocol description and error handling | 3.9.0 | R99 | R2 | KALLA, Gairn | |
| TR | 25.922 | Radio Resource Management Strategies | 3.7.0 | R99 | R2 | BULDORINI, Andrea | |
| TR | 25.925 | Radio Interface for Broadcast/Multicast Services | 3.4.0 | R99 | R2 | KRISCHAN, Peter | |
| TR | 25.931 | UTRAN Functions, examples on signalling procedures | 3.7.0 | R99 | R3 | CASALINO, Francesco | |
| TR | 25.941 | Document structure | 3.1.0 | R99 | R4 | TAKAMI, Tadao | |
| TR | 25.942 | RF system scenarios | 3.3.0 | R99 | R4 | BENABDALLAH, Nadia | Additional rapporteur = A.De Pasquale. |
| TR | 25.944 | Channel coding and multiplexing examples | 3.5.0 | R99 | R1 | IKEDA, Shinobu | Created Jan 2000 (aka R1.04) |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | 3.0.0 | R99 | R2 | FAUCONNIER, Denis | |
| TS | 26.071 | AMR speech Codec; General description | 3.0.1 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.073 | AMR speech Codec; C-source code | 3.3.0 | R99 | S4 | EKUDDEN, Erik | |
| TS | 26.074 | AMR speech Codec; Test sequences | 3.1.1 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | 3.1.0 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | 3.1.0 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-----|--------|--------------------|--|
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | 3.0.1 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | 3.3.0 | R99 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | 3.0.0 | R99 | S4 | USAI, Paolino | Transfer>TSG#4 |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | 3.3.0 | R99 | S4 | HAGQVIST, Jari | |
| TS | 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu | 3.4.0 | R99 | S4 | NAVARRO, William | |
| TS | 26.103 | Speech codec list for GSM and UMTS | 3.2.0 | R99 | S4 | HELLWIG, Karl | New after TSG#5 |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | 3.5.0 | R99 | S4 | USAI, Paolino | |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | 3.1.0 | R99 | S4 | ARONSON, Barry | |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | 3.4.0 | R99 | S4 | ARONSON, Barry | CR at TSG#5 |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | 3.4.0 | R99 | S4 | GOETZ, Ian | |
| TS | 26.132 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | 3.5.0 | R99 | S4 | GOETZ, Ian | |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | 3.4.0 | R99 | S4 | HAAVISTO, Petri | |
| TR | 26.912 | Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G | 3.0.0 | R99 | S4 | FRANCESCHI, Olle | |
| TR | 26.915 | Echo Control For Speech and Multi-Media Services | 3.0.0 | R99 | S4 | GOETZ, Ian | Became 26.115 for Rel-4 onwards. |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | 3.1.0 | R99 | S4 | EKUDDEN, Erik | Replaces 26.075. 2001-10-02: Also for GSM. |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | 3.13.0 | R99 | N3 | HUSLENDE, Ragnar | |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | 3.5.0 | R99 | N3 | HUSLENDE, Ragnar | |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | 3.5.0 | R99 | N3 | HUSLENDE, Ragnar | |
| TS | 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | 3.2.0 | R99 | T2 | HARRIS, Ian | |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | 3.13.0 | R99 | T2 | CHRISTENSEN, Soren | |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | 3.4.0 | R99 | T2 | BROOK, Richard | |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | 3.8.0 | R99 | N3 | WILD, Johanna | GPRS |
| TS | 27.103 | Wide Area Network Synchronization | 3.1.0 | R99 | T2 | CHAU, Alan | |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | 3.1.0 | R99 | T2 | REX, Thomas | |
| TR | 27.903 | Discussion of synchronization standards | 3.0.0 | R99 | T2 | LOCKHART, Rob | |
| TS | 29.002 | Mobile Application Part (MAP) specification | 3.18.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | 3.13.0 | R99 | N3 | KLEHN, Norbert | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|----------------------------|---|
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | 3.11.0 | R99 | N4 | KYMALAINEN, Kimmo | Transfer>TSG#4 (transfer??) |
| TS | 29.011 | Signalling Interworking for Supplementary Services | 3.0.0 | R99 | N4 | WIEHE, Ulrich | |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | 3.0.0 | R99 | N4 | WIEHE, Ulrich | Transfer>TSG#4 |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | 3.1.0 | R99 | N1 | MILLS, Duncan | |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | 3.11.0 | R99 | N1 | MILLS, Duncan | |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | 3.17.0 | R99 | N4 | KYMALAINEN, Kimmo | |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | 3.13.0 | R99 | N3 | WILD, Johanna | Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet". |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | 3.15.0 | R99 | N2 | NOLDUS, Rogier | Transfer>TSG#4 |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | 3.3.0 | R99 | R3 | VESELY, Alexander | TSG#8:Appeared as v2.0.0 (RP-000258) |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | 3.0.0 | R99 | N4 | AIKAWA, Shinichiro | New after TSG#5 |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | 3.1.0 | R99 | N4 | MITAMURA, Kazuo | New after TSG#5 |
| TS | 29.198 | Open Service Architecture (OSI) Application Programming Interface (API) - Part 1 | 3.4.0 | R99 | N5 | ABARCA, Chelo | OSA subgroup. Was incorrectly shown as a TR; fixed @N#9. |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | 3.0.1 | R99 | N1 | ANDERSEN, Niels Peter Skov | 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. |
| TR | 29.998 | Open Services Architecture API part 2 | 3.2.0 | R99 | N5 | ABARCA, Chelo | OSA subgroup |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | 3.3.0 | R99 | T3 | VESTERGAARD, Peter | Contents is a reference to ETSI TR 102 221. |
| TS | 31.102 | Characteristics of the USIM application | 3.14.0 | R99 | T3 | HEIM, Christian | |
| TS | 31.110 | Numbering system for telecommunication IC card applications | 3.2.0 | R99 | T3 | DIETRICH, Christian | Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220. |
| TS | 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | 3.10.0 | R99 | T3 | WOODSEND, Kristian | To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14. |
| TS | 31.120 | UICC-terminal interface; Physical, electrical and logical test specification | 3.0.0 | R99 | T3 | MAESER, Torsten | based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | 3.7.0 | R99 | T3 | AFCHAR, Ramin | based on R99 core spec; split into 2 parts (this is 2) |
| TS | 31.122 | Universal Subscriber Identity Module (USIM) conformance test specification | 3.6.0 | R99 | T3 | KNIGHT, Simon | based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split into two parts |
| TS | 32.005 | Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain | 3.6.0 | R99 | S5 | ALEXANDER, Benni | |
| TS | 32.015 | Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain | 3.11.0 | R99 | S5 | ALEXANDER, Benni | |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | 3.4.0 | R99 | S5 | TRUSS, Michael | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|---|---------------|-----|--------|--------------------|-------------------------------|
| TS | 32.102 | Telecommunication management; Architecture | 3.2.0 | R99 | S5 | BERGGREN, Tommy | |
| TS | 32.104 | 3G Performance Management | 3.6.0 | R99 | S5 | HÜBINETTE, Ulf | |
| TS | 32.106-1 | Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements | 3.1.0 | R99 | S5 | PIRT, Trevor | SP-08: split into eight parts |
| TS | 32.106-2 | Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service | 3.3.0 | R99 | S5 | TSE, Edwin | TSG#8: split into eight parts |
| TS | 32.106-3 | Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set | 3.3.0 | R99 | S5 | TSE, Edwin | TSG#8: split into eight parts |
| TS | 32.106-4 | Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set | 3.2.1 | R99 | S5 | POLLAKOWSKI, Olaf | TSG#8: split into eight parts |
| TS | 32.106-5 | Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM)) | 3.2.0 | R99 | S5 | TOVINGER, Thomas | TSG#8: split into eight parts |
| TS | 32.106-6 | Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 3.3.0 | R99 | S5 | ZHOU, Di | TSG#8: split into eight parts |
| TS | 32.106-7 | Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 3.3.0 | R99 | S5 | POLLAKOWSKI, Olaf | TSG#8: split into eight parts |
| TS | 32.106-8 | Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects | 3.2.0 | R99 | S5 | TOVINGER, Thomas | TSG#8: split into eight parts |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | 3.2.0 | R99 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service | 3.3.0 | R99 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 3.6.0 | R99 | S5 | TSE, Edwin | TSG#8: split into 4 parts |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 3.2.0 | R99 | S5 | POLLAKOWSKI, Olaf | TSG#8: split into 4 parts |
| TS | 33.102 | 3G security; Security architecture | 3.13.0 | R99 | S3 | BLOMMAERT, Marc | |
| TS | 33.103 | 3G security; Integration guidelines | 3.7.0 | R99 | S3 | BLANCHARD, Colin | |
| TS | 33.105 | Cryptographic Algorithm requirements | 3.8.0 | R99 | S3 | CHIKAZAWA, Takeshi | |
| TS | 33.106 | Lawful interception requirements | 3.1.0 | R99 | S3 | WILHELM, Berthold | |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | 3.5.0 | R99 | S3 | WILHELM, Berthold | |
| TS | 33.120 | Security Objectives and Principles | 3.0.0 | R99 | S3 | WRIGHT, Tim | |
| TR | 33.901 | Criteria for cryptographic Algorithm design process | 3.0.0 | R99 | S3 | BLOM, Rolf | |
| TR | 33.902 | Formal Analysis of the 3G Authentication Protocol | 3.1.0 | R99 | S3 | HORN, Guenther | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|---|---------------|-----|--------|-------------------|---|
| TR | 33.908 | 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms | 3.0.0 | R99 | S3 | WALKER, Michael | TSG#7: S3-000105=NP-000049 |
| TS | 34.108 | Common test environments for User Equipment (UE) conformance testing | 3.12.0 | R99 | T1 | CHALABI, Nouhman | |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | 3.9.0 | R99 | R2 | BERGGREN, Anders | TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: Stable, so txfered from T1 to R2. |
| TS | 34.121 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | 3.14.0 | R99 | T1 | HIGUCHI, Kenji | |
| TS | 34.122 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | 3.11.0 | R99 | T1 | MAUCKSCH, Thomas | |
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | 3.5.0 | R99 | T1 | SALMERON, Lidia | |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | 3.5.0 | R99 | T1 | HU, Shicheng | |
| TS | 34.123-3 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | 3.3.0 | R99 | T1 | HU, Shicheng | |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment | 3.4.0 | R99 | R4 | SOERENSEN, Ole | T1->R4@TSG#10 |
| TR | 34.901 | Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance | 3.0.0 | R99 | T1 | YOKOYAMA, Mitsuru | 2002-09-16: 34.801 -> 34.901. |
| TR | 34.907 | Report on electrical safety requirements and regulations | 3.0.0 | R99 | T2 | IIMORI, Eiji | |
| TR | 34.925 | Specific Absorption Rate (SAR) requirements and regulations in different regions | 3.0.0 | R99 | T2 | JOHNSSON, Sven | |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications | 3.2.0 | R99 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | 3.1.2 | R99 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.203 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | 3.1.2 | R99 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | 3.1.2 | R99 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |

D.2.1 Release 1999 3GPP Specifications and reports not under change control

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-----|--------|----------------|------------------------------|
| TR | 25.833 | Physical layer items not for inclusion in Release 99 | 1.1.0 | R99 | R1 | IKEDA, Shinobu | Created Jan 2000 (aka R1.03) |

D.3 Release 4 3GPP Specifications and reports

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/ WG | Editor | Comment |
|------|--------|---|---------------|-------|---------|------------------------|--|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | 4.9.0 | Rel-4 | SP | MEREDITH, John M | 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". |
| TS | 21.111 | USIM and IC card requirements | 4.1.0 | Rel-4 | T3 | KALINER, Stefan | |
| TS | 21.133 | 3G security; Security threats and requirements | 4.1.0 | Rel-4 | S3 | CHRISTOFFERSSON, Per | |
| TR | 21.801 | Specification drafting rules | 4.3.0 | Rel-4 | SP | MEREDITH, John M | |
| TR | 21.900 | Technical Specification Group working methods | 4.0.0 | Rel-4 | SP | MEREDITH, John M | |
| TR | 21.905 | Vocabulary for 3GPP Specifications | 4.5.0 | Rel-4 | S1 | ZARRI, Michele | |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | 4.3.0 | Rel-4 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | 4.2.0 | Rel-4 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | 4.3.0 | Rel-4 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.004 | General on supplementary services | 4.2.0 | Rel-4 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.011 | Service accessibility | 4.8.0 | Rel-4 | S1 | GALLAIRE, Jean Paul | Transfer>TSG#4 |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | 4.2.1 | Rel-4 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | 4.1.0 | Rel-4 | S3 | NGUYEN NGOC, Sebastien | Transfer>TSG#4 |
| TS | 22.024 | Description of Charge Advice Information (CAI) | 4.0.0 | Rel-4 | S1 | DWYER, Paul | Transfer>TSG#4,CR at TSG#5 |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | 4.1.0 | Rel-4 | S1 | TOIVANEN, Annukka | Transfer>TSG#4 |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | 4.0.0 | Rel-4 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031. |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | 4.0.0 | Rel-4 | S3 | WRIGHT, Tim | SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | 4.1.0 | Rel-4 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | 4.2.0 | Rel-4 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.041 | Operator Determined Call Barring | 4.1.0 | Rel-4 | S1 | WOLAK, Stephen | Transfer>TSG#4 |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | 4.2.1 | Rel-4 | S1 | DAHLKVIST, Mikael | Transfer>TSG#4 |
| TS | 22.048 | Security mechanisms for the (U)SIM application toolkit; Stage 1 | 4.0.0 | Rel-4 | T3 | BARNES, Nigel | TP-12: was previously 42.048. |
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | 4.0.1 | Rel-4 | S4 | NAVARRO, William | Transfer>TSG#4. |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | 4.1.0 | Rel-4 | S1 | CATALDO, Mark | Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | 4.4.0 | Rel-4 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | 4.0.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | 4.1.0 | Rel-4 | S1 | SWETINA, Joerg | Transfer>TSG#4 |
| TS | 22.071 | Location Services (LCS); Stage 1 | 4.5.0 | Rel-4 | S1 | WOHLERT, Randolph | Transfer>TSG#4 |
| TS | 22.072 | Call Deflection (CD); Stage 1 | 4.0.0 | Rel-4 | S1 | RAUCH, Horst | Transfer>TSG#4 |
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | 4.0.1 | Rel-4 | S4 | USAI, Paolino | |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | 4.5.0 | Rel-4 | S1 | GRECH, Michel | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|--------------------------|---|
| TS | 22.079 | Support of optimal routing; Stage 1 | 4.0.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | 4.1.0 | Rel-4 | S1 | AHNBERG, Tomas | Transfer>TSG#4 |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | 4.2.0 | Rel-4 | S1 | EVEN, Anne | Transfer>TSG#4 |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | 4.1.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.084 | MultiParty (MPY) supplementary service; Stage 1 | 4.1.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | 4.1.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | 4.0.0 | Rel-4 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | 4.0.0 | Rel-4 | S1 | BRADEN, Christian | Transfer>TSG#4 |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | 4.1.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | 4.0.0 | Rel-4 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | 4.0.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | 4.0.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.094 | Follow Me service description - Stage 1 | 4.1.0 | Rel-4 | S1 | BERGMANN, Ansgar | Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094. |
| TS | 22.096 | Name identification supplementary services; Stage 1 | 4.0.0 | Rel-4 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | 4.1.0 | Rel-4 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.101 | Service aspects; Service principles | 4.8.0 | Rel-4 | S1 | DWYER, Paul | |
| TS | 22.105 | Services and service capabilities | 4.3.0 | Rel-4 | S1 | EVEN, Anne | |
| TS | 22.115 | Service Aspects Charging and billing | 4.0.0 | Rel-4 | S1 | MONTEGROSSO, Emanuele | |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | 4.1.1 | Rel-4 | S1 | OGUNBEKUN, Jumoke | Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR. |
| TS | 22.127 | Service Requirement for the Open Services Access (OSA); Stage 1 | 4.4.0 | Rel-4 | S1 | SWETINA, Joerg | |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | 4.4.0 | Rel-4 | S1 | SAMPSON, Nick | |
| TS | 22.135 | Multicall; Service description; Stage 1 | 4.2.0 | Rel-4 | S1 | KOKKOLA, Tommi | |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | 4.3.0 | Rel-4 | S1 | LAUMEN, Josef | (development in T2) |
| TS | 23.002 | Network architecture | 4.8.0 | Rel-4 | S2 | SULTAN, Alain | Transfer>TSG#4,CR at TSG#5 |
| TS | 23.003 | Numbering, Addressing and Identification | 4.7.0 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 23.007 | Restoration procedures | 4.1.1 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 23.008 | Organisation of subscriber data | 4.3.0 | Rel-4 | N4 | BAUER, Rolf | |
| TS | 23.009 | Handover procedures | 4.8.0 | Rel-4 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 23.011 | Technical realization of Supplementary Services | 4.0.1 | Rel-4 | N4 | CONRAD, Alan | |
| TS | 23.012 | Location management procedures | 4.0.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | 4.1.0 | Rel-4 | N1 | ZAUS, Robert | Should not be in UMTS ???? |
| TS | 23.015 | Technical realisation of Operator Determined Barring (ODB) | 4.0.1 | Rel-4 | N4 | PARK, Ian David Chalmers | |
| TS | 23.016 | Subscriber data management; Stage 2 | 4.3.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.018 | Basic Call Handling; Technical realization | 4.7.0 | Rel-4 | N4 | PARK, Ian David Chalmers | |
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | 4.0.0 | Rel-4 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 -> 23.031. |
| TS | 23.032 | Universal Geographical Area Description (GAD) | 4.1.1 | Rel-4 | S2 | HIETALAHTI, Hannu | S2 responsibility? |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | 4.0.0 | Rel-4 | N1 | | |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | 4.1.0 | Rel-4 | S3 | WRIGHT, Tim | SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------------|---|
| TS | 23.038 | Alphabets and language-specific information | 4.4.0 | Rel-4 | T2 | HARRIS, Ian | |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | 4.0.0 | Rel-4 | T2 | HARRIS, Ian | |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | 4.8.0 | Rel-4 | T2 | HARRIS, Ian | |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | 4.4.0 | Rel-4 | T2 | HARRIS, Ian | Transfer>TSG#4 |
| TS | 23.042 | Compression algorithm for SMS | 4.0.1 | Rel-4 | T2 | HARRIS, Ian | |
| TS | 23.048 | Security mechanisms for the (U)SIM application toolkit; Stage 2 | 4.4.0 | Rel-4 | T3 | BARNES, Nigel | TP-12: replaces 43.048. TP-15: For test spec, see 31.048, |
| TS | 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | 4.0.1 | Rel-4 | S4 | USAI, Paolino | No draft. |
| TS | 23.057 | Mobile Execution Environment (MEXE); Functional description; Stage 2 | 4.5.0 | Rel-4 | T2 | BRENK, Lars | Apr-2001: " Station Application" removed from title. |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | 4.8.0 | Rel-4 | S2 | ZHAO, Yilin | Transfer>TSG#4 |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | 4.0.1 | Rel-4 | N4 | LOPEZ SORIA, Luis | Transfer>TSG#4, CR at TSG#5 |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | 4.1.1 | Rel-4 | N4 | SCHMITT, Peter | |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | 4.0.1 | Rel-4 | N4 | CONRAD, Alan | |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | 4.10.0 | Rel-4 | N2 | HOMANN, Christian | CR at TSG#4,CR at TSG#5 |
| TS | 23.079 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | 4.2.0 | Rel-4 | N4 | PARK, Ian David Chalmers | CR at TSG#4,CR at TSG#5 |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | 4.1.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | 4.3.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | 4.3.0 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 23.084 | MultiParty (MPY) Supplementary Service; Stage 2 | 4.0.0 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | 4.0.0 | Rel-4 | N4 | CROOK, Mick | |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | 4.1.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.094 | Follow Me Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | Transfer>TSG#4. GSM only @TSG#5 |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | 4.0.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | 4.0.0 | Rel-4 | N4 | RUSSELL, Nick | Transfer>TSG#4,CR at TSG#5 |
| TS | 23.101 | General UMTS Architecture | 4.0.0 | Rel-4 | S2 | OLSSON, Magnus | |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | 4.6.0 | Rel-4 | S2 | GREIS, Marc | was 23.907 |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | 4.0.1 | Rel-4 | N1 | DOIG, Ian | This is clause 7 from 04.08 ex R98. |
| TS | 23.110 | UMTS Access Stratum Services and Functions | 4.0.0 | Rel-4 | S2 | LOPEZ-TORRES, Oscar | |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | 4.2.0 | Rel-4 | N4 | ALLEN, Nicholas | New after TSG#5 |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | 4.0.0 | Rel-4 | N4 | SAWADA, Masahiro | New after TSG#5 |
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | 4.4.0 | Rel-4 | N1 | HIETALAHTI, Hannu | |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | 4.3.0 | Rel-4 | S2 | GOURRAUD, Christophe | Sept 00: "Open Service Architecture" removed from title. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------------|---|
| TS | 23.135 | Multicall supplementary service; Stage 2 | 4.0.0 | Rel-4 | N4 | MITAMURA, Kazuo | |
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | 4.10.0 | Rel-4 | T2 | LAUMEN, Josef | |
| TS | 23.146 | Technical realisation of facsimile Group 3 service - non-transparent | 4.1.0 | Rel-4 | N3 | HAGIWARA, Junichiro | |
| TS | 23.153 | Out of Band Transcoder Control; Stage 2 | 4.9.0 | Rel-4 | N4 | HODGES, Phil | New after TSG#5 |
| TS | 23.205 | Bearer-independent circuit-switched core network; Stage 2 | 4.7.0 | Rel-4 | N4 | HODGES, Phil | 2000-10: Rap change from Keutmann. |
| TS | 23.221 | Architectural requirements | 4.2.0 | Rel-4 | S2 | DANIEL, Elizabeth | Derived from R99-specific 23.121 |
| TS | 23.227 | Application and user interaction in the UE; Principles and specific requirements | 4.2.0 | Rel-4 | T2 | TOMÉ, Olga | |
| TS | 23.271 | Location Services (LCS); Functional description; Stage 2 | 4.10.0 | Rel-4 | S2 | KÅLL, Jan | post-TSG#8: Recombined 2G and 3G spec for R00 onwards. |
| TR | 23.873 | Feasibility study fro transport and control separation in the PS CN domain | 4.0.0 | Rel-4 | S2 | IBANEZ, Juan-Antonio | |
| TR | 23.908 | Technical report on Pre-Paging | 4.0.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TR | 23.909 | Technical report on the Gateway Location Register | 4.0.0 | Rel-4 | N4 | PARK, Ian David Chalmers | |
| TR | 23.910 | Circuit switched data bearer services | 4.8.0 | Rel-4 | N3 | HUSLENDE, Ragnar | 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval) |
| TR | 23.911 | Technical report on Out-of-band transcoder control | 4.0.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TR | 23.912 | Technical report on Super-Charger | 4.1.0 | Rel-4 | N4 | SHARP, Iain | |
| TR | 23.930 | Iu Principles | 4.0.0 | Rel-4 | S2 | AXERUD, Bo | |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | 4.1.1 | Rel-4 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | 4.2.0 | Rel-4 | N1 | HOWELL, Andrew | Transfer>TSG#4,CR at TSG#5 |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | 4.12.0 | Rel-4 | N1 | HOWELL, Andrew | |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | 4.2.0 | Rel-4 | N4 | ANDERSEN, Niels Peter Skov | |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | 4.1.1 | Rel-4 | N1 | ANDERSEN, Niels Peter Skov | Transfer>TSG#4 |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | 4.1.0 | Rel-4 | N3 | KLEHN, Norbert | CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface". |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | 4.2.0 | Rel-4 | N4 | GARAPATY, Sonia | TSG#7: txfrd from SMG to 3GPP for R99. |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | 4.1.0 | Rel-4 | N4 | SCHMITT, Peter | |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | 4.3.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | RUSSELL, Nick | |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | 4.0.2 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | 4.0.1 | Rel-4 | N4 | BRUSS, Jörg | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------|--|
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 24.135 | Multicall supplementary service; Stage 3 | 4.1.1 | Rel-4 | N4 | MITAMURA, Kazuo | |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | 4.9.0 | Rel-4 | R4 | FERNANDES, Edgar | |
| TS | 25.102 | User Equipment (UE) radio transmission and reception (TDD) | 4.7.0 | Rel-4 | R4 | KOTTKAMP, Meik | |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | 4.7.0 | Rel-4 | R4 | SKÖLD, Johan | |
| TS | 25.105 | UTRA (BS) TDD: Radio transmission and reception | 4.7.0 | Rel-4 | R4 | KOTTKAMP, Meik | |
| TS | 25.106 | UTRA repeater radio transmission and reception | 4.6.0 | Rel-4 | R4 | NILSSON, Martin | |
| TS | 25.113 | Base station and repeater electromagnetic compatibility (EMC) | 4.4.0 | Rel-4 | R4 | BARNES, David | |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | 4.10.0 | Rel-4 | R4 | GUERRINI, Claudio | |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | 4.10.0 | Rel-4 | R4 | GUERRINI, Claudio | |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | 4.8.0 | Rel-4 | R4 | NAKAMURA, Takaharu | |
| TS | 25.142 | Base Station (BS) conformance testing (TDD) | 4.8.0 | Rel-4 | R4 | MEYER, Juergen | |
| TS | 25.143 | UTRA repeater conformance testing | 4.8.0 | Rel-4 | R4 | KUMMETZ, Thomas | Created by renumbering 25.107 |
| TS | 25.201 | Physical layer - general description | 4.3.0 | Rel-4 | R1 | TOSKALA, Antti | |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | 4.6.0 | Rel-4 | R1 | WILDE, Andreas | |
| TS | 25.212 | Multiplexing and channel coding (FDD) | 4.6.0 | Rel-4 | R1 | TANAKA, Yoshinori | |
| TS | 25.213 | Spreading and modulation (FDD) | 4.3.0 | Rel-4 | R1 | CHAMBERS, Peter | |
| TS | 25.214 | Physical layer procedures (FDD) | 4.6.0 | Rel-4 | R1 | IKEDA, Shinobu | |
| TS | 25.215 | Physical layer; Measurements (FDD) | 4.7.0 | Rel-4 | R1 | IKEDA, Shinobu | |
| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | 4.7.0 | Rel-4 | R1 | HIRAMATSU, Katsuhiko | |
| TS | 25.222 | Multiplexing and channel coding (TDD) | 4.6.0 | Rel-4 | R1 | KAHTAVA, Jussi | |
| TS | 25.223 | Spreading and modulation (TDD) | 4.5.0 | Rel-4 | R1 | VACANT, | |
| TS | 25.224 | Physical layer procedures (TDD) | 4.9.0 | Rel-4 | R1 | OESTREICH, Stefan | |
| TS | 25.225 | Physical layer; Measurements (TDD) | 4.7.0 | Rel-4 | R1 | IKEDA, Shinobu | |
| TS | 25.301 | Radio Interface Protocol Architecture | 4.4.0 | Rel-4 | R2 | GRANZOW, Wolfgang | |
| TS | 25.302 | Services provided by the physical layer | 4.8.0 | Rel-4 | R2 | MIHAILESCU, Claudiu | V3.0.0 approved via e-mail July 99 CR at TSG#5? |
| TS | 25.303 | Interlayer procedures in Connected Mode | 4.5.0 | Rel-4 | R2 | RINNE, Mikko J | |
| TS | 25.304 | User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode | 4.7.0 | Rel-4 | R2 | MAHKONEN, Marko | |
| TS | 25.305 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | 4.6.0 | Rel-4 | R2 | MIHAILESCU, Claudiu | Created from 25.923 |
| TS | 25.306 | UE Radio Access capabilities definition | 4.8.0 | Rel-4 | R2 | BERGGREN, Anders | Converted from TR 25.926 at TSG#10. |
| TS | 25.307 | Requirements on UEs supporting a release-independent frequency band | 4.1.0 | Rel-4 | R2 | FAUCONNIER, Denis | Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements. |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | 4.9.0 | Rel-4 | R2 | STADLER, Thomas | |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | 4.10.0 | Rel-4 | R2 | MADELAINE, Sebastien | |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | 4.6.0 | Rel-4 | R2 | HANS, Martin | |
| TS | 25.324 | Broadcast/Multicast Control (BMC) | 4.3.0 | Rel-4 | R2 | HARTL, Mike | |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | 4.11.0 | Rel-4 | R2 | KUCHIBHOTLA, Ravi | |
| TS | 25.401 | UTRAN overall description | 4.6.0 | Rel-4 | R3 | CALMEL, Jean-Marie | Approval at TSG#5 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|------------------------|--|
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | 4.6.0 | Rel-4 | R3 | PIOLINI, Flavio | New |
| TS | 25.410 | UTRAN Iu Interface: General Aspects and Principles | 4.5.0 | Rel-4 | R3 | TOWNEND, Richard | Approval at TSG#5 |
| TS | 25.411 | UTRAN Iu interface layer 1 | 4.1.0 | Rel-4 | R3 | BRANDT, Achim V. | |
| TS | 25.412 | UTRAN Iu interface signalling transport | 4.1.0 | Rel-4 | R3 | THAKARE, Kiran | |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | 4.10.0 | Rel-4 | R3 | JUSSILA, Jyrki | |
| TS | 25.414 | UTRAN Iu interface data transport & transport signalling | 4.6.0 | Rel-4 | R3 | COMSTOCK, David | |
| TS | 25.415 | UTRAN Iu interface user plane protocols | 4.7.0 | Rel-4 | R3 | MAUPIN, Alain | |
| TS | 25.419 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | 4.9.0 | Rel-4 | R3 | TAYLOR, Carolyn | |
| TS | 25.420 | UTRAN Iur Interface: General Aspects and Principles | 4.2.0 | Rel-4 | R3 | THAKARE, Kiran | |
| TS | 25.421 | UTRAN Iur interface Layer 1 | 4.0.0 | Rel-4 | R3 | BRANDT, Achim V. | |
| TS | 25.422 | UTRAN Iur interface signalling transport | 4.2.0 | Rel-4 | R3 | THAKARE, Kiran | |
| TS | 25.423 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | 4.10.0 | Rel-4 | R3 | RUNE, Göran | |
| TS | 25.424 | UTRAN Iur interface data transport & transport signalling for CCH data streams | 4.3.0 | Rel-4 | R3 | DREVON, Nicolas | |
| TS | 25.425 | UTRAN Iur interface user plane protocols for CCH data streams | 4.3.0 | Rel-4 | R3 | DREVON, Nicolas | |
| TS | 25.426 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | 4.4.0 | Rel-4 | R3 | KEKKI, Sami | |
| TS | 25.427 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | 4.4.0 | Rel-4 | R3 | LONGONI, Fabio | |
| TS | 25.430 | UTRAN Iub Interface: General Aspects and Principles | 4.4.0 | Rel-4 | R3 | WILSON, Mick | |
| TS | 25.431 | UTRAN Iub interface Layer 1 | 4.0.0 | Rel-4 | R3 | BRANDT, Achim V. | |
| TS | 25.432 | UTRAN Iub interface: signalling transport | 4.0.0 | Rel-4 | R3 | WILSON, Mick | |
| TS | 25.433 | UTRAN Iub interface NBAP signalling | 4.10.0 | Rel-4 | R3 | ISHIKAWA, Nobutaka | |
| TS | 25.434 | UTRAN Iub interface data transport & transport signalling for CCH data streams | 4.4.0 | Rel-4 | R3 | ALDEN, Magnus | |
| TS | 25.435 | UTRAN Iub interface user plane protocols for CCH data streams | 4.5.0 | Rel-4 | R3 | CALMEL, Jean-Marie | |
| TS | 25.442 | UTRAN implementation-specific O&M transport | 4.0.0 | Rel-4 | R3 | RECKER, Stephan | |
| TR | 25.832 | Manifestations of Handover and SRNS relocation | 4.0.0 | Rel-4 | R3 | TOWNEND, Richard | |
| TR | 25.834 | UTRA TDD low chip rate option; Radio protocol aspects | 4.1.0 | Rel-4 | R2 | LIU, YanHui | |
| TR | 25.836 | Node B synchronization for TDD | 4.1.0 | Rel-4 | R1 | OESTREICH, Stefan | |
| TR | 25.838 | Node B Synchronisation for TDD (Iub/Iur aspects) | 4.1.0 | Rel-4 | R3 | LENHART, Johannes | |
| TR | 25.841 | DSCH power control improvement in soft handover | 4.1.0 | Rel-4 | R1 | TOSKALA, Antti | |
| TR | 25.843 | 1,28 Mcps TDD UE Radio Access Capabilities | 4.1.0 | Rel-4 | R2 | ZHU, Yifei | |
| TR | 25.844 | Radio access bearer support enhancements | 4.3.0 | Rel-4 | R2 | KRISHNARAJAH, Ainkaran | |
| TR | 25.847 | UE positioning enhancements | 4.0.0 | Rel-4 | R2 | BECKMANN, Mark | |
| TR | 25.848 | Physical Layer Aspects of UTRA High Speed Downlink Packet Access | 4.0.0 | Rel-4 | R1 | IKEDA, Shinobu | |
| TR | 25.849 | DSCH power control improvement in soft handover | 4.0.0 | Rel-4 | R3 | WOONHEE, Hwang | |
| TR | 25.850 | UE positioning in UTRAN Iub/Iur protocol aspects | 4.3.0 | Rel-4 | R3 | HAUTALA, Jari | |
| TR | 25.851 | RAB Quality of Service (QoS) Renegotiation over Iu | 4.0.0 | Rel-4 | R3 | IRWIN, Sania | |
| TR | 25.853 | Delay budget within the access stratum | 4.0.0 | Rel-4 | R3 | DELL'ACQUA, Massimo | Was 25.932. Approved and renumbered at TSG#10. |
| TR | 25.921 | Guidelines and principles for protocol description and error handling | 4.6.0 | Rel-4 | R2 | KALLA, Gairn | |
| TR | 25.922 | Radio Resource Management Strategies | 4.2.0 | Rel-4 | R2 | BULDORINI, Andrea | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|------------------------|--|
| TR | 25.928 | 1,28 Mcps functionality for UTRA TDD physical layer | 4.0.1 | Rel-4 | R1 | AKSENTIJEVIC, Mirko | Created R1#10, Jan 99. |
| TR | 25.931 | UTRAN Functions, examples on signalling procedures | 4.4.0 | Rel-4 | R3 | CASALINO, Francesco | |
| TR | 25.934 | AAL2 QoS optimization | 4.0.0 | Rel-4 | R3 | YOSHIMURA, Takayuki | |
| TR | 25.935 | RRM optimisation | 4.1.0 | Rel-4 | R3 | VAN LIESHOUT, Gert-Jan | |
| TR | 25.936 | Handover for realtime services from PS-domain | 4.0.1 | Rel-4 | R3 | MOUSSET, Claire | |
| TR | 25.937 | UTRAN TDD low chiprate | 4.1.0 | Rel-4 | R3 | XU, Bing | |
| TR | 25.942 | RF system scenarios | 4.2.0 | Rel-4 | R4 | BENABDALLAH, Nadia | Additional rapporteur = A.De Pasquale. |
| TR | 25.943 | Deployment aspects | 4.2.0 | Rel-4 | R4 | SKÖLD, Johan | |
| TR | 25.944 | Channel coding and multiplexing examples | 4.1.0 | Rel-4 | R1 | IKEDA, Shinobu | Created Jan 2000 (aka R1.04) |
| TR | 25.945 | RF requirements for low chip rate TDD option | 4.1.1 | Rel-4 | R4 | ZHANG, Daijun | |
| TR | 25.946 | RAB Quality of Service (QoS) Negotiation over Iu | 4.0.0 | Rel-4 | R3 | MOLANDER, Anders | |
| TR | 25.950 | UTRA high speed downlink packet access | 4.0.0 | Rel-4 | R2 | KUCHIBHOTLA, Ravi | |
| TR | 25.953 | TrFO/TFO | 4.0.0 | Rel-4 | R3 | VESELY, Alexander | |
| TR | 25.954 | Migration to modification procedure | 4.0.0 | Rel-4 | R3 | YOSHIMURA, Takayuki | |
| TR | 25.956 | UTRA repeater: Planning guidelines and system analysis | 4.0.0 | Rel-4 | R4 | GARCIA LOPEZ, Lorena | . |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | 4.0.0 | Rel-4 | R2 | FAUCONNIER, Denis | |
| TS | 26.071 | AMR speech Codec; General description | 4.0.0 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.073 | AMR speech Codec; C-source code | 4.1.0 | Rel-4 | S4 | EKUDDEN, Erik | |
| TS | 26.074 | AMR speech Codec; Test sequences | 4.0.1 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | 4.0.0 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | 4.0.0 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | 4.0.0 | Rel-4 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | USAI, Paolino | Transfer>TSG#4 |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | 4.2.0 | Rel-4 | S4 | HAGQVIST, Jari | |
| TS | 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu | 4.1.0 | Rel-4 | S4 | NAVARRO, William | |
| TS | 26.103 | Speech codec list for GSM and UMTS | 4.3.0 | Rel-4 | S4 | HELLWIG, Karl | New after TSG#5 |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | 4.5.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | 4.1.0 | Rel-4 | S4 | ARONSON, Barry | |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | 4.0.0 | Rel-4 | S4 | ARONSON, Barry | CR at TSG#5 |
| TS | 26.115 | Echo control for speech and multi-media services | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | 4.2.0 | Rel-4 | S4 | GOETZ, Ian | |
| TS | 26.132 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | 4.3.0 | Rel-4 | S4 | GOETZ, Ian | |
| TS | 26.233 | End-to-end transparent streaming service; General description | 4.2.0 | Rel-4 | S4 | HONKO, Harri | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------|--|
| TS | 26.234 | Transparent end-to-end streaming service; Protocols and codecs | 4.5.0 | Rel-4 | S4 | FRANCESCHI, Olle | |
| TR | 26.901 | AMR wideband speech codec; Feasibility study report | 4.0.1 | Rel-4 | S4 | OHANA, Alain | |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide | 4.2.0 | Rel-4 | S4 | HAAVISTO, Petri | |
| TR | 26.912 | Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G | 4.0.0 | Rel-4 | S4 | FRANCESCHI, Olle | |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | 4.1.0 | Rel-4 | S4 | EKUDDEN, Erik | Replaces 26.075. 2001-10-02: Also for GSM. |
| TR | 26.978 | Results of the AMR noise suppression selection phase | 4.0.0 | Rel-4 | S4 | USAI, Paolino | Replaces 26.078 |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | 4.11.0 | Rel-4 | N3 | HUSLENDE, Ragnar | |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | 4.0.0 | Rel-4 | N3 | HUSLENDE, Ragnar | |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | 4.1.0 | Rel-4 | N3 | HUSLENDE, Ragnar | |
| TS | 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | 4.2.0 | Rel-4 | T2 | HARRIS, Ian | |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | 4.6.0 | Rel-4 | T2 | CHRISTENSEN, Soren | |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | 4.2.0 | Rel-4 | T2 | BROOK, Richard | |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | 4.3.1 | Rel-4 | N3 | WILD, Johanna | GPRS |
| TS | 27.103 | Wide Area Network Synchronization | 4.0.0 | Rel-4 | T2 | CHAU, Alan | |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | 4.1.0 | Rel-4 | T2 | REX, Thomas | |
| TR | 27.903 | Discussion of synchronization standards | 4.0.0 | Rel-4 | T2 | LOCKHART, Rob | |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | 4.5.0 | Rel-4 | S4 | SUERBAUM, Clemens | Transfer>TSG#4 |
| TS | 29.002 | Mobile Application Part (MAP) specification | 4.13.0 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | 4.9.0 | Rel-4 | N3 | KLEHN, Norbert | |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | 4.6.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | Transfer>TSG#4 (transfer??) |
| TS | 29.011 | Signalling Interworking for Supplementary Services | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | 4.0.1 | Rel-4 | N4 | WIEHE, Ulrich | Transfer>TSG#4 |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | 4.1.0 | Rel-4 | N1 | MILLS, Duncan | |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | 4.5.0 | Rel-4 | N1 | MILLS, Duncan | |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | 4.9.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|--|---------------|-------|--------|----------------------------|---|
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | 4.8.0 | Rel-4 | N3 | WILD, Johanna | Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet". |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | 4.8.0 | Rel-4 | N2 | NOLDUS, Rogier | Transfer>TSG#4 |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | 4.4.0 | Rel-4 | R3 | VESELY, Alexander | TSG#8:Appeared as v2.0.0 (RP-000258) |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | 4.0.0 | Rel-4 | N4 | AIKAWA, Shinichiro | New after TSG#5 |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | 4.0.0 | Rel-4 | N4 | MITAMURA, Kazuo | New after TSG#5 |
| TS | 29.198-01 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | 4.3.3 | Rel-4 | N5 | ABARCA, Chelo | |
| TS | 29.198-02 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data | 4.6.0 | Rel-4 | N5 | ABARCA, Chelo | |
| TS | 29.198-03 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | 4.8.0 | Rel-4 | N5 | BENNETT, Andy | |
| TS | 29.198-04 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control | 4.7.0 | Rel-4 | N5 | BAKKER, John-Luc | |
| TS | 29.198-05 | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction | 4.7.0 | Rel-4 | N5 | ABARCA, Chelo | |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | 4.5.0 | Rel-4 | N5 | ABARCA, Chelo | |
| TS | 29.198-07 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities | 4.5.0 | Rel-4 | N5 | SAARENPA, Matti | |
| TS | 29.198-08 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control | 4.7.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TS | 29.198-11 | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management | 4.4.0 | Rel-4 | N5 | SCHILDERS, Koen | |
| TS | 29.198-12 | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging | 4.4.0 | Rel-4 | N5 | SCHILDERS, Koen | |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | 4.3.0 | Rel-4 | N4 | ANGELO, Ciriaco | |
| TS | 29.205 | Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3 | 4.2.0 | Rel-4 | N4 | HEIDERMARK, Alf | |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | 4.8.0 | Rel-4 | N4 | PARK, Ian David Chalmers | Additional rapporteur: Laura.Pomponi@CSELT.IT |
| TS | 29.414 | Core network Nb data transport and transport signalling | 4.4.0 | Rel-4 | N3 | BELLING, Thomas | |
| TS | 29.415 | Core network Nb interface user plane protocols | 4.3.0 | Rel-4 | N3 | SANDERS, David | |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | 4.0.1 | Rel-4 | N1 | ANDERSEN, Niels Peter Skov | 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. |
| TR | 29.998-01 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping | 4.0.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-04-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping | 4.2.0 | Rel-4 | N5 | UNMEHOPA, Musa | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|--|---------------|-------|--------|---------------------|---|
| TR | 29.998-05-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping | 4.0.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-05-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping | 4.0.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-06 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP | 4.0.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-08 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP | 4.0.0 | Rel-4 | N5 | UNMEHOPA, Musa | |
| TR | 30.902 | Guidelines for the modification of the Mobile Application Part (MAP) | 4.0.2 | Rel-4 | N4 | WIEHE, Ulrich | NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series. |
| TS | 31.048 | Test specification for security mechanisms for the (U)SIM application toolkit | none | Rel-4 | T3 | VIALLET, Sophie | Test spec for 23.048. |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | 4.1.0 | Rel-4 | T3 | VESTERGAARD, Peter | Contents is a reference to ETSI TR 102 221. |
| TS | 31.102 | Characteristics of the USIM application | 4.10.0 | Rel-4 | T3 | HEIM, Christian | |
| TS | 31.110 | Numbering system for telecommunication IC card applications | 4.1.0 | Rel-4 | T3 | DIETRICH, Christian | Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220. |
| TS | 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | 4.11.0 | Rel-4 | T3 | WOODSEND, Kristian | To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14. |
| TS | 31.120 | UICC-terminal interface; Physical, electrical and logical test specification | none | Rel-4 | T3 | MAESER, Torsten | based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | 4.6.0 | Rel-4 | T3 | AFCHAR, Ramin | based on R99 core spec; split into 2 parts (this is 2) |
| TS | 31.122 | Universal Subscriber Identity Module (USIM) conformance test specification | none | Rel-4 | T3 | KNIGHT, Simon | based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was split into two parts |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | 4.2.1 | Rel-4 | S5 | TRUSS, Michael | |
| TS | 32.102 | Telecommunication management; Architecture | 4.4.0 | Rel-4 | S5 | BERGGREN, Tommy | |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | 4.0.1 | Rel-4 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service | 4.6.0 | Rel-4 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.6.0 | Rel-4 | S5 | TSE, Edwin | TSG#8: split into 4 parts |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.6.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | TSG#8: split into 4 parts |
| TS | 32.200 | Telecommunication management; Charging management; Charging principles | 4.5.0 | Rel-4 | S5 | GOERMER, Gerald | |
| TS | 32.205 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | 4.5.0 | Rel-4 | S5 | ALEXANDER, Benni | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-------------------|--------------------------|
| TS | 32.215 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | 4.5.0 | Rel-4 | S5 | ALEXANDER, Benni | |
| TS | 32.235 | Telecommunication management; Charging management; Charging data description for application services | 4.6.0 | Rel-4 | S5 | GOERMER, Gerald | |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | 4.1.1 | Rel-4 | S5 | TOVINGER, Thomas | Replaces 32.106-8 (pars) |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements | 4.0.2 | Rel-4 | S5 | SCHMIDT, Joerg | was 32.301-1 |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service | 4.2.0 | Rel-4 | S5 | TSE, Edwin | was 32.301-2 |
| TS | 32.303 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.5.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.301-3 |
| TS | 32.304 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.2.1 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.301-4 |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | 4.0.2 | Rel-4 | S5 | TSE, Edwin | was 32.112-1 |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information service | 4.0.1 | Rel-4 | S5 | TSE, Edwin | was 32.112-2 |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | 4.3.0 | Rel-4 | S5 | HÜBINETTE, Ulf | was 32.104 (pars) |
| TS | 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | 4.5.0 | Rel-4 | S5 | TOCHE, Christian | was 32.104 (pars) |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | 4.0.0 | Rel-4 | S5 | TOVINGER, Thomas | Replaces 32.106 (pars). |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements | 4.0.0 | Rel-4 | S5 | PIRT, Trevor | was 32.601-1 |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service | 4.1.0 | Rel-4 | S5 | TOVINGER, Thomas | was 32.601-2 |
| TS | 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.3.1 | Rel-4 | S5 | TSE, Edwin | was 32.601-3 |
| TS | 32.604 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set | 4.2.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.601-4 |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements | 4.0.0 | Rel-4 | S5 | PAL, Tapinder | was 32.602-1 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|-------------------|--------------|
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service | 4.4.0 | Rel-4 | S5 | PIRT, Trevor | was 32.602-2 |
| TS | 32.613 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.4.0 | Rel-4 | S5 | PIRT, Trevor | was 32.602-3 |
| TS | 32.614 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.3.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.602-4 |
| TS | 32.615 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | 4.3.0 | Rel-4 | S5 | BONNEAU, Frédéric | was 32.602-5 |
| TS | 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | 4.0.0 | Rel-4 | S5 | PIRT, Trevor | was 32.620-1 |
| TS | 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 4.4.0 | Rel-4 | S5 | TOVINGER, Thomas | was 32.620-2 |
| TS | 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.3.0 | Rel-4 | S5 | PIRT, Trevor | was 32.620-3 |
| TS | 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.5.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.620-4 |
| TS | 32.631 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements | 4.0.0 | Rel-4 | S5 | PIRT, Trevor | was 32.621-1 |
| TS | 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | 4.4.0 | Rel-4 | S5 | PAL, Tapinder | was 32.621-2 |
| TS | 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.1.0 | Rel-4 | S5 | PAL, Tapinder | was 32.621-3 |
| TS | 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.1.1 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.621-4 |
| TS | 32.641 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements | 4.0.0 | Rel-4 | S5 | PIRT, Trevor | was 32.622-1 |
| TS | 32.642 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 4.3.0 | Rel-4 | S5 | PETERSEN, Robert | was 32.622-2 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------|---|
| TS | 32.643 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.2.0 | Rel-4 | S5 | RAYMER, David | was 32.622-3 |
| TS | 32.644 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.2.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.622-4 |
| TS | 32.651 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements | 4.0.0 | Rel-4 | S5 | PIRT, Trevor | was 32.623-1 |
| TS | 32.652 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 4.5.0 | Rel-4 | S5 | PETERSEN, Robert | was 32.623-2 |
| TS | 32.653 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 4.2.0 | Rel-4 | S5 | RAYMER, David | was 32.623-3 |
| TS | 32.654 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 4.2.0 | Rel-4 | S5 | POLLAKOWSKI, Olaf | was 32.623-4 |
| TR | 32.800 | Telecommunication management; Management level procedures and interaction with UTRAN | 4.0.0 | Rel-4 | S5 | BODEN, Bert | |
| TS | 33.102 | 3G security; Security architecture | 4.5.0 | Rel-4 | S3 | BLOMMAERT, Marc | |
| TS | 33.103 | 3G security; Integration guidelines | 4.2.0 | Rel-4 | S3 | BLANCHARD, Colin | |
| TS | 33.105 | Cryptographic Algorithm requirements | 4.1.0 | Rel-4 | S3 | CHIKAZAWA, Takeshi | |
| TS | 33.106 | Lawful interception requirements | 4.0.0 | Rel-4 | S3 | WILHELM, Berthold | |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | 4.3.0 | Rel-4 | S3 | WILHELM, Berthold | |
| TS | 33.120 | Security Objectives and Principles | 4.0.0 | Rel-4 | S3 | WRIGHT, Tim | |
| TS | 33.200 | 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security | 4.3.0 | Rel-4 | S3 | ESCOTT, Adrian | 2001-05-24: title grows MAP; see 33.210 for IP equivalent. |
| TR | 33.901 | Criteria for cryptographic Algorithm design process | 4.0.0 | Rel-4 | S3 | BLOM, Rolf | |
| TR | 33.902 | Formal Analysis of the 3G Authentication Protocol | 4.0.0 | Rel-4 | S3 | HORN, Guenther | |
| TR | 33.903 | Access Security for IP based services | none | Rel-4 | S3 | VACANT, | |
| TR | 33.908 | 3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms | 4.0.0 | Rel-4 | S3 | WALKER, Michael | TSG#7: S3-000105=NP-000049 |
| TR | 33.909 | 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions | 4.0.1 | Rel-4 | S3 | WALKER, Michael | TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. |
| TS | 34.108 | Common test environments for User Equipment (UE) conformance testing | 4.8.0 | Rel-4 | T1 | CHALABI, Nouhman | |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | 4.5.0 | Rel-4 | R2 | BERGGREN, Anders | TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: Stable, so txfered from T1 to R2. |
| TS | 34.121 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | 4.1.0 | Rel-4 | T1 | HIGUCHI, Kenji | |
| TS | 34.122 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | 4.9.0 | Rel-4 | T1 | MAUCKSCH, Thomas | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|---|---------------|-------|--------|----------------------|--|
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | 4.3.0 | Rel-4 | T1 | SALMERON, Lidia | |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | 4.3.0 | Rel-4 | T1 | HU, Shicheng | |
| TS | 34.123-3 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | none | Rel-4 | T1 | HU, Shicheng | |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment | 4.2.0 | Rel-4 | R4 | SOERENSEN, Ole | T1->R4@TSG#10 |
| TR | 34.926 | Table of international EMC requirements | 4.0.0 | Rel-4 | R4 | FENN, John B | Plan approved TSG#7 TP-000036). T1->R4@TSG#10 |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications | 4.1.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.203 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.205 | 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE. 2002-06: clarified that deliverable is TS not TR. |
| TS | 35.206 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE |
| TS | 35.207 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE |
| TS | 35.208 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE |
| TR | 35.909 | 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation | 4.0.0 | Rel-4 | S3 | WALKER, Michael | ex SAGE |
| TR | 41.031 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | 4.0.1 | Rel-4 | S3 | WRIGHT, Tim | |
| TR | 41.033 | Lawful Interception requirements for GSM | 4.0.1 | Rel-4 | S3 | MCKIBBEN, Bernie | |
| TS | 41.061 | General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements | 4.0.0 | Rel-4 | S3 | WALKER, Michael | |
| TS | 41.101 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | 4.9.0 | Rel-4 | SP | MEREDITH, John M | |
| TS | 42.009 | Security Aspects | 4.0.0 | Rel-4 | S3 | CHRISTOFFERSSON, Per | |
| TS | 42.017 | Subscriber Identity Module (SIM); Functional characteristics | 4.0.0 | Rel-4 | T3 | HOOKER, Philip | |
| TS | 42.019 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | 4.0.0 | Rel-4 | T3 | DIETRICH, Christian | TP-17: From Rel-6, transferred to ETSI TS 102 240. |
| TS | 42.033 | Lawful Interception; Stage 1 | 4.0.0 | Rel-4 | S3 | MCKIBBEN, Bernie | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-----------------------------|--|
| TS | 42.043 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | 4.0.0 | Rel-4 | S1 | KOKKOLA, Tommi | Was 22.043 at Rel99. |
| TS | 42.056 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | 4.0.0 | Rel-4 | S1 | GALLIGO, Michel | |
| TS | 42.068 | Voice Group Call Service (VGCS); Stage 1 | 4.1.0 | Rel-4 | S1 | GILES, Les | |
| TS | 42.069 | Voice Broadcast Service (VBS); Stage 1 | 4.1.0 | Rel-4 | S1 | GILES, Les | |
| TR | 43.005 | Technical performance objectives | 4.0.0 | Rel-4 | NP | BOSWARTHICK, David | |
| TS | 43.010 | GSM Public Land Mobile Network (PLMN) connection types | 4.2.0 | Rel-4 | N3 | BOSWARTHICK, David | |
| TS | 43.013 | Discontinuous Reception (DRX) in the GSM system | 4.0.0 | Rel-4 | G1 | USAI, Paolino | |
| TS | 43.019 | Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2 | 4.3.0 | Rel-4 | T3 | DIETRICH, Christian | For test spec, see 51.013. |
| TS | 43.020 | Security-related network functions | 4.0.0 | Rel-4 | S3 | GILBERT, Henri | |
| TS | 43.022 | Functions related to Mobile Station (MS) in idle mode and group receive mode | 4.5.0 | Rel-4 | G1 | HOWELL, Andrew | Moved from SMG3 Jan 2000. |
| TR | 43.026 | Multiband operation of GSM / DCS 1800 by a single operator | 4.0.1 | Rel-4 | G1 | ANDERSEN, Niels Peter Skov | |
| TR | 43.030 | Radio network planning aspects | 4.0.1 | Rel-4 | G1 | TEGTH, Ulf | |
| TS | 43.033 | Lawful Interception; Stage 2 | 4.0.0 | Rel-4 | S3 | MCKIBBEN, Bernie | |
| TS | 43.045 | Technical Realization of Facsimile Group 3 Service - transparent | 4.0.0 | Rel-4 | N3 | BOSWARTHICK, David | |
| TS | 43.050 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 43.052 | Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 | 4.0.0 | Rel-4 | G1 | GIRAUD, Alexis | |
| TS | 43.055 | Dual Transfer Mode (DTM); Stage 2 | 4.3.0 | Rel-4 | G1 | CARRIZO MARTINEZ, Jose Luis | |
| TR | 43.058 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | 4.0.0 | Rel-4 | S4 | MONFORT, Jean-Yves | |
| TS | 43.059 | Functional stage 2 description of Location Services (LCS) in GERAN | 4.5.0 | Rel-4 | G1 | LIVINGSTON, Margaret | |
| TS | 43.064 | Overall description of the GPRS radio interface; Stage 2 | 4.4.0 | Rel-4 | G1 | LEPPISAARI, Arto | |
| TS | 43.068 | Voice Group Call Service (VGCS); Stage 2 | 4.3.0 | Rel-4 | N1 | GARAPATY, Sonia | |
| TS | 43.069 | Voice Broadcast service (VBS); Stage 2 | 4.3.0 | Rel-4 | N1 | GARAPATY, Sonia | |
| TS | 43.073 | Support of Localised Service Area (SoLSA); Stage 2 | 4.0.0 | Rel-4 | N4 | KYMALAINEN, Kimmo | SP-16: derived from 23.073 on reversion to GERAN-only service. |
| TS | 44.001 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | 4.1.0 | Rel-4 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 44.003 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.004 | Layer 1 - General Requirements | 4.2.0 | Rel-4 | G2 | ISAACS, Ken | |
| TS | 44.005 | Data Link (DL) Layer General Aspects | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.006 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | 4.1.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.012 | Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface | 4.0.1 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | Rel-4 onwards. (Rel-99 was 24.012) |
| TS | 44.013 | Performance Requirements on Mobile Radio Interface | 4.1.0 | Rel-4 | N1 | PUDNEY, Chris | |
| TS | 44.014 | Individual equipment type requirements and interworking; Special conformance testing functions | 4.3.0 | Rel-4 | G2 | HOWELL, Andrew | |
| TS | 44.018 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | 4.15.0 | Rel-4 | G2 | HOWELL, Andrew | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|----------------------------|--|
| TS | 44.021 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | 4.1.0 | Rel-4 | N3 | RÄSÄNEN, Juha | |
| TS | 44.031 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | 4.7.0 | Rel-4 | G2 | GARAPATY, Sonia | |
| TS | 44.035 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | 4.1.0 | Rel-4 | G2 | GARAPATY, Sonia | |
| TS | 44.056 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | 4.0.0 | Rel-4 | N1 | HUPPERICH, Peter | |
| TS | 44.057 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | 4.0.0 | Rel-4 | N1 | HUPPERICH, Peter | |
| TS | 44.060 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | 4.13.0 | Rel-4 | G2 | BLACK, Jyoti | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol |
| TS | 44.064 | Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification | 4.3.0 | Rel-4 | N1 | DOIG, Ian | |
| TS | 44.065 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | 4.2.0 | Rel-4 | N1 | DOIG, Ian | 24.065 existed, but scrapped since 04.65 is GSM only. |
| TS | 44.068 | Group Call Control (GCC) Protocol | 4.3.0 | Rel-4 | N1 | GARAPATY, Sonia | |
| TS | 44.069 | Broadcast Call Control (BCC) protocol | 4.3.0 | Rel-4 | N1 | GARAPATY, Sonia | |
| TS | 44.071 | Location Services (LCS); Mobile radio interface layer 3 LCS specification | 4.3.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 45.001 | Physical layer on the radio path; General description | 4.2.0 | Rel-4 | G1 | JOKINEN, Harri | |
| TS | 45.002 | Multiplexing and multiple access on the radio path | 4.8.0 | Rel-4 | G1 | SÉBIRE, Benoist | |
| TS | 45.003 | Channel coding | 4.2.0 | Rel-4 | G1 | SÉBIRE, Benoist | |
| TS | 45.004 | Modulation | 4.2.0 | Rel-4 | G1 | SÉBIRE, Benoist | |
| TS | 45.005 | Radio transmission and reception | 4.13.0 | Rel-4 | G1 | SAMUELSSON, Mats | |
| TS | 45.008 | Radio subsystem link control | 4.12.0 | Rel-4 | G1 | EL-SAIGH, Amer | |
| TS | 45.009 | Link adaptation | 4.2.0 | Rel-4 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 45.010 | Radio subsystem synchronization | 4.5.0 | Rel-4 | G1 | JOKINEN, Harri | |
| TR | 45.022 | Radio link management in hierarchical networks | 4.0.0 | Rel-4 | G1 | VAN BUSSEL, Han | |
| TR | 45.050 | Background for RF Requirements | 4.0.1 | Rel-4 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 45.056 | CTS-FP Radio Sub-system | 4.0.0 | Rel-4 | G1 | USAI, Paolino | |
| TS | 46.001 | Full Rate Speech Processing Functions | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 46.002 | Half Rate Speech Processing Functions | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |
| TS | 46.006 | Half-rate speech: ANSI-C code for GSM half-rate speech codec | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |
| TS | 46.007 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |
| TR | 46.008 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | 4.0.0 | Rel-4 | S4 | SALEM, Tarek | |
| TS | 46.010 | Full-rate speech transcoding | 4.1.0 | Rel-4 | S4 | LORENZ, Dietmar | |
| TS | 46.011 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | 4.0.0 | Rel-4 | S4 | NAVARRO, William | |
| TS | 46.012 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | 4.1.0 | Rel-4 | S4 | SERENO, Daniele | |
| TS | 46.020 | Half Rate Speech Transcoding | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------------|---------|
| TS | 46.021 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |
| TS | 46.022 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | AFTELAK, Steve | |
| TS | 46.031 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 46.032 | Voice Activity Detection (VAD) | 4.0.0 | Rel-4 | S4 | BARRETT, Paul | |
| TS | 46.041 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 46.042 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | 4.0.0 | Rel-4 | S4 | BARRETT, Paul | |
| TS | 46.051 | GSM Enhanced full rate speech processing functions: General description | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TS | 46.053 | ANSI-C code for the GSM Enhanced full rate speech codec | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TS | 46.054 | Test sequences for the GSM Enhanced Full Rate (EFR) | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TR | 46.055 | Performance characterisation of the GSM EFR Speech Codec | 4.0.0 | Rel-4 | S4 | SALEM, Tarek | |
| TS | 46.060 | Enhanced full rate speech transcoding | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TS | 46.061 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TS | 46.062 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TR | 46.076 | Adaptive Multi-Rate (AMR) speech codec; Study phase report | 4.0.1 | Rel-4 | S4 | USAI, Paolino | |
| TS | 46.081 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TS | 46.082 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | 4.0.0 | Rel-4 | S4 | JÄRVINEN, Kari | |
| TR | 46.085 | Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation | 4.0.0 | Rel-4 | S4 | USAI, Paolino | |
| TS | 48.001 | General Aspects on the BSS-MSC Interface | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.002 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | 4.2.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.004 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.006 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | 4.10.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.014 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.016 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | 4.3.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.018 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | 4.5.0 | Rel-4 | G2 | BLACK, Jyoti | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|--|---------------|-------|--------|----------------------------|--|
| TS | 48.020 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | 4.1.0 | Rel-4 | N3 | RÄSÄNEN, Juha | |
| TS | 48.031 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | 4.1.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.051 | Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects | 4.1.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.052 | Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles | 4.0.1 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.054 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.056 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification | 4.0.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.058 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification | 4.1.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.060 | In-band control of remote transcoders and rate adaptors for full rate traffic channels | 4.1.0 | Rel-4 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 48.061 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | 4.1.1 | Rel-4 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 48.071 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | 4.4.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TR | 49.001 | General network interworking scenarios | 4.0.1 | Rel-4 | N4 | KYMALAINEN, Kimmo | |
| TS | 49.008 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | 4.1.0 | Rel-4 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 49.031 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | 4.3.0 | Rel-4 | G2 | ANDERSEN, Niels Peter Skov | |
| TR | 50.059 | Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE | 4.0.1 | Rel-4 | G1 | MUELLER, Frank | |
| TS | 51.010-1 | Mobile Station (MS) conformance specification; Part 1: Conformance specification | 4.10.0 | Rel-4 | G3new | HU, Shicheng | 2001-11-19: G4->G5. |
| TS | 51.010-2 | Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification | 4.7.0 | Rel-4 | G3new | HU, Shicheng | 2001-11-19: G4->G5. |
| TS | 51.010-3 | Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS) | 4.8.0 | Rel-4 | G3new | HU, Shicheng | 2001-11-19: G4->G5. |
| TS | 51.011 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | 4.9.0 | Rel-4 | T3 | GUTHERY, Scott B. | TP-14: talk of changing title to "Characteristics of the SIM application". |
| TS | 51.013 | Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card | 4.0.1 | Rel-4 | T3 | LLOBREGAT, Fernando | |
| TS | 51.014 | Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit | 4.2.0 | Rel-4 | T3 | WOODSEND, Kristian | |
| TS | 51.021 | GSM radio aspects base station system equipment specification | 4.4.0 | Rel-4 | G1 | BUSIN, Ake | |
| TS | 51.026 | GSM Repeater Equipment Specification | 4.0.0 | Rel-4 | G1 | BUSIN, Ake | |
| TS | 52.021 | Network Management (NM) Procedures and messages on the A-bis interface | 4.0.0 | Rel-4 | G1 | TRUSS, Michael | |
| TS | 52.402 | Telecommunication management; Performance Management (PM); Performance measurements - GSM | 4.1.0 | Rel-4 | S5 | TOCHE, Christian | SP-13: replaces 32.402. |

D.3.1 Release 4 3GPP Specifications and reports not under change control

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/ WG | Editor | Comment |
|------|----------|--|---------------|-------|---------|-----------------|---|
| TR | 25.840 | Terminal power saving features | 2.3.0 | Rel-4 | R1 | | |
| TR | 25.842 | Smart antenna | 1.0.0 | Rel-4 | R1 | HU, Jinling | |
| TR | 34.910 | Identification of test requirements for regulatory purposes in different regions/countries | 1.0.0 | Rel-4 | T1 | NIELSEN, Bjarke | |
| TS | 51.010-4 | Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification | 0.0.1 | Rel-4 | T3 | HU, Shicheng | 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc was in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!). 2003-07-15: Unwithdrawn - see comments against Rel-4. |

D.4 Release 5 3GPP Specifications and reports

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/ WG | Editor | Comment |
|------|--------|---|---------------|-------|---------|------------------------|---|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | 5.4.0 | Rel-5 | SP | MEREDITH, John M | 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". |
| TS | 21.111 | USIM and IC card requirements | 5.1.0 | Rel-5 | T3 | KALINER, Stefan | |
| TR | 21.801 | Specification drafting rules | 5.0.2 | Rel-5 | SP | MEREDITH, John M | |
| TR | 21.900 | Technical Specification Group working methods | 5.0.1 | Rel-5 | SP | MEREDITH, John M | |
| TR | 21.905 | Vocabulary for 3GPP Specifications | 5.8.0 | Rel-5 | S1 | ZARRI, Michele | |
| TS | 22.001 | Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.002 | Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) | 5.0.0 | Rel-5 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.003 | Circuit Teleservices supported by a Public Land Mobile Network (PLMN) | 5.2.0 | Rel-5 | S1 | KOKKOLA, Tommi | Transfer>TSG#5 |
| TS | 22.004 | General on supplementary services | 5.0.0 | Rel-5 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.011 | Service accessibility | 5.1.0 | Rel-5 | S1 | GALLAIRE, Jean Paul | Transfer>TSG#4 |
| TS | 22.016 | International Mobile Equipment Identities (IMEI) | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.022 | Personalisation of Mobile Equipment (ME); Mobile functionality specification | 5.0.0 | Rel-5 | S3 | NGUYEN NGOC, Sebastien | Transfer>TSG#4 |
| TS | 22.024 | Description of Charge Advice Information (CAI) | 5.0.0 | Rel-5 | S1 | DWYER, Paul | Transfer>TSG#4,CR at TSG#5 |
| TS | 22.030 | Man-Machine Interface (MMI) of the User Equipment (UE) | 5.0.0 | Rel-5 | S1 | TOIVANEN, Annukka | Transfer>TSG#4 |
| TS | 22.031 | Fraud Information Gathering System (FIGS); Service description; Stage 1 | 5.0.0 | Rel-5 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031. |
| TS | 22.032 | Immediate Service Termination (IST); Service description; Stage 1 | 5.0.0 | Rel-5 | S3 | WRIGHT, Tim | SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). |
| TS | 22.034 | High Speed Circuit Switched Data (HSCSD); Stage 1 | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | 5.3.0 | Rel-5 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.041 | Operator Determined Call Barring | 5.0.0 | Rel-5 | S1 | WOLAK, Stephen | Transfer>TSG#4 |
| TS | 22.042 | Network Identity and Time Zone (NITZ) service description; Stage 1 | 5.1.0 | Rel-5 | S1 | DAHLKVIIST, Mikael | Transfer>TSG#4 |
| TS | 22.048 | Security mechanisms for the (U)SIM application toolkit; Stage 1 | 5.0.0 | Rel-5 | T3 | BARNES, Nigel | TP-12: was previously 42.048. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-----------------------|---|
| TS | 22.053 | Tandem Free Operation (TFO); Service description; Stage 1 | 5.0.0 | Rel-5 | S4 | NAVARRO, William | Transfer>TSG#4. |
| TS | 22.057 | Mobile Execution Environment (MExE) service description; Stage 1 | 5.4.0 | Rel-5 | S1 | CATALDO, Mark | Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution Environment (MExE); Stage 1". |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | 5.3.0 | Rel-5 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | 5.1.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | 5.0.0 | Rel-5 | S1 | SWETINA, Joerg | Transfer>TSG#4 |
| TS | 22.071 | Location Services (LCS); Stage 1 | 5.2.0 | Rel-5 | S1 | WOHLERT, Randolph | Transfer>TSG#4 |
| TS | 22.072 | Call Deflection (CD); Stage 1 | 5.0.0 | Rel-5 | S1 | RAUCH, Horst | Transfer>TSG#4 |
| TS | 22.076 | Noise suppression for the AMR codec; Service description; Stage 1 | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | 5.11.0 | Rel-5 | S1 | GRECH, Michel | |
| TS | 22.079 | Support of optimal routing; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.081 | Line Identification supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | AHNBERG, Tomas | Transfer>TSG#4 |
| TS | 22.082 | Call Forwarding (CF) Supplementary Services; Stage 1 | 5.0.0 | Rel-5 | S1 | EVEN, Anne | Transfer>TSG#4 |
| TS | 22.083 | Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.084 | MultiParty (MPTY) supplementary service; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.085 | Closed User Group (CUG) supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.086 | Advice of Charge (AoC) supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.087 | User-to-user signalling (UUS); Stage 1 | 5.0.0 | Rel-5 | S1 | BRADEN, Christian | Transfer>TSG#4 |
| TS | 22.088 | Call Barring (CB) supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.090 | Unstructured Supplementary Service Data (USSD); Stage 1 | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | Transfer>TSG#4 |
| TS | 22.091 | Explicit Call Transfer (ECT) supplementary service; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.093 | Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.094 | Follow Me service description - Stage 1 | 5.0.0 | Rel-5 | S1 | BERGMANN, Ansgar | Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094. |
| TS | 22.096 | Name identification supplementary services; Stage 1 | 5.0.0 | Rel-5 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.097 | Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1 | 5.0.0 | Rel-5 | S1 | DWYER, Paul | Transfer>TSG#4 |
| TS | 22.101 | Service aspects; Service principles | 5.11.0 | Rel-5 | S1 | DWYER, Paul | |
| TS | 22.105 | Services and service capabilities | 5.2.0 | Rel-5 | S1 | EVEN, Anne | |
| TS | 22.112 | USIM toolkit interpreter; Stage 1 | 5.0.0 | Rel-5 | T3 | MEYER, Michael | |
| TS | 22.115 | Service Aspects Charging and billing | 5.3.0 | Rel-5 | S1 | MONTEGROSSO, Emanuele | |
| TR | 22.121 | Service aspects; The Virtual Home Environment; Stage 1 | 5.3.1 | Rel-5 | S1 | OGUNBEKUN, Jumoke | Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1". SP-16: converted from TS to TR. |
| TS | 22.127 | Service Requirement for the Open Services Access (OSA); Stage 1 | 5.5.0 | Rel-5 | S1 | SWETINA, Joerg | |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | 5.2.0 | Rel-5 | S1 | SAMPSON, Nick | |
| TS | 22.135 | Multicall; Service description; Stage 1 | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | 5.4.0 | Rel-5 | S1 | LAUMEN, Josef | (development in T2) |
| TS | 22.226 | Global text telephony (GTT); Stage 1: Service description | 5.2.0 | Rel-5 | S1 | HELLSTROM, Gunnar | SP-16: to "GERAN" set. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------------|---|
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | 5.6.0 | Rel-5 | S1 | CATALDO, Mark | |
| TS | 22.233 | Transparent end-to-end packet-switched streaming service; Stage 1 | 5.0.0 | Rel-5 | S1 | WOLAK, Stephen | |
| TR | 22.944 | Service requirements for UE functionality split | 5.1.0 | Rel-5 | S1 | GUPTA, Sanjay | |
| TS | 23.002 | Network architecture | 5.12.0 | Rel-5 | S2 | SULTAN, Alain | Transfer>TSG#4,CR at TSG#5 |
| TS | 23.003 | Numbering, Addressing and Identification | 5.7.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 23.007 | Restoration procedures | 5.0.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 23.008 | Organisation of subscriber data | 5.6.0 | Rel-5 | N4 | BAUER, Rolf | |
| TS | 23.009 | Handover procedures | 5.6.0 | Rel-5 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 23.011 | Technical realization of Supplementary Services | 5.0.0 | Rel-5 | N4 | CONRAD, Alan | |
| TS | 23.012 | Location management procedures | 5.2.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.014 | Support of Dual Tone Multi Frequency (DTMF) signalling | 5.1.0 | Rel-5 | N1 | ZAUS, Robert | Should not be in UMTS ???? |
| TS | 23.015 | Technical realisation of Operator Determined Barring (ODB) | 5.0.0 | Rel-5 | N4 | PARK, Ian David Chalmers | |
| TS | 23.016 | Subscriber data management; Stage 2 | 5.2.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.018 | Basic Call Handling; Technical realization | 5.8.0 | Rel-5 | N4 | PARK, Ian David Chalmers | |
| TS | 23.031 | Fraud Information Gathering System (FIGS); Service description; Stage 2 | 5.0.0 | Rel-5 | S3 | WRIGHT, Tim | SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 -> 23.031. |
| TS | 23.032 | Universal Geographical Area Description (GAD) | 5.0.0 | Rel-5 | S2 | HIETALAHTI, Hannu | S2 responsibility? |
| TS | 23.034 | High Speed Circuit Switched Data (HSCSD); Stage 2 | 5.2.0 | Rel-5 | N1 | | |
| TS | 23.035 | Immediate Service Termination (IST); Stage 2 | 5.1.0 | Rel-5 | S3 | WRIGHT, Tim | SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). |
| TS | 23.038 | Alphabets and language-specific information | 5.0.0 | Rel-5 | T2 | HARRIS, Ian | |
| TR | 23.039 | Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs) | 5.0.0 | Rel-5 | T2 | HARRIS, Ian | |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | 5.6.1 | Rel-5 | T2 | HARRIS, Ian | |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | 5.1.0 | Rel-5 | T2 | HARRIS, Ian | Transfer>TSG#4 |
| TS | 23.042 | Compression algorithm for SMS | 5.0.0 | Rel-5 | T2 | HARRIS, Ian | |
| TS | 23.048 | Security mechanisms for the (U)SIM application toolkit; Stage 2 | 5.7.0 | Rel-5 | T3 | BARNES, Nigel | TP-12: replaces 43.048. TP-15: For test spec, see 31.048, |
| TS | 23.053 | Tandem Free Operation (TFO); Service description; Stage 2 | 5.0.0 | Rel-5 | S4 | USAI, Paolino | No draft. |
| TS | 23.057 | Mobile Execution Environment (MEXE); Functional description; Stage 2 | 5.1.0 | Rel-5 | T2 | BRENK, Lars | Apr-2001: " Station Application" removed from title. |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | 5.6.0 | Rel-5 | S2 | ZHAO, Yilin | Transfer>TSG#4 |
| TS | 23.066 | Support of GSM Mobile Number Portability (MNP) stage 2 | 5.2.0 | Rel-5 | N4 | LOPEZ SORIA, Luis | Transfer>TSG#4, CR at TSG#5 |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | 5.0.0 | Rel-5 | N4 | SCHMITT, Peter | |
| TS | 23.072 | Call Deflection Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | CONRAD, Alan | |
| TS | 23.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | 5.5.0 | Rel-5 | N2 | HOMANN, Christian | CR at TSG#4,CR at TSG#5 |
| TS | 23.079 | Support of Optimal Routing (SOR); Technical realization; Stage 2 | 5.3.0 | Rel-5 | N4 | PARK, Ian David Chalmers | CR at TSG#4,CR at TSG#5 |
| TS | 23.081 | Line Identification supplementary services; Stage 2 | 5.2.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.082 | Call Forwarding (CF) Supplementary Services; Stage 2 | 5.0.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | |
| TS | 23.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2 | 5.1.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 23.084 | MultiParty (MPPTY) Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 23.085 | Closed User Group (CUG) Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------|--|
| TS | 23.086 | Advice of Charge (AoC) Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.087 | User-to-User Signalling (UUS) supplementary service; Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.090 | Unstructured Supplementary Service Data (USSD); Stage 2 | 5.0.0 | Rel-5 | N4 | CROOK, Mick | |
| TS | 23.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 2 | 5.1.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.093 | Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.094 | Follow Me Stage 2 | 5.0.1 | Rel-5 | N4 | WIEHE, Ulrich | Transfer->TSG#4. GSM only @TSG#5 |
| TS | 23.096 | Name Identification Supplementary Service; Stage 2 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 23.097 | Multiple Subscriber Profile (MSP) Phase 1; Stage 2 | 5.0.0 | Rel-5 | N4 | RUSSELL, Nick | Transfer->TSG#4,CR at TSG#5 |
| TS | 23.107 | Quality of Service (QoS) concept and architecture | 5.10.0 | Rel-5 | S2 | GREIS, Marc | was 23.907 |
| TS | 23.108 | Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures) | 5.0.0 | Rel-5 | N1 | DOIG, Ian | This is clause 7 from 04.08 ex R98. |
| TS | 23.116 | Super-Charger technical realization; Stage 2 | 5.0.0 | Rel-5 | N4 | ALLEN, Nicholas | New after TSG#5 |
| TS | 23.119 | Gateway Location Register (GLR); Stage2 | 5.0.0 | Rel-5 | N4 | SAWADA, Masahiro | New after TSG#5 |
| TS | 23.122 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | 5.3.0 | Rel-5 | N1 | HIETALAHTI, Hannu | |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | 5.2.0 | Rel-5 | S2 | GOURRAUD, Christophe | Sept 00: "Open Service Architecture" removed from title. |
| TS | 23.135 | Multicall supplementary service; Stage 2 | 5.0.0 | Rel-5 | N4 | MITAMURA, Kazuo | |
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | 5.8.0 | Rel-5 | T2 | LAUMEN, Josef | |
| TS | 23.146 | Technical realisation of facsimile Group 3 service - non-transparent | 5.0.0 | Rel-5 | N3 | HAGIWARA, Junichiro | |
| TS | 23.153 | Out of Band Transcoder Control; Stage 2 | 5.6.0 | Rel-5 | N4 | HODGES, Phil | New after TSG#5 |
| TS | 23.172 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | 5.2.0 | Rel-5 | N3 | HUSLENDE, Ragnar | |
| TS | 23.195 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | 5.1.0 | Rel-5 | S2 | PUDNEY, Chris | Created as a result of 23.895. |
| TS | 23.205 | Bearer-independent circuit-switched core network; Stage 2 | 5.6.0 | Rel-5 | N4 | HODGES, Phil | 2000-10: Rap change from Keutmann. |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | 5.8.0 | Rel-5 | S2 | OYAMA, Johnson | |
| TS | 23.218 | IP Multimedia (IM) session handling; IM call model; Stage 2 | 5.6.0 | Rel-5 | N1 | DRAGE, Keith | |
| TS | 23.221 | Architectural requirements | 5.8.0 | Rel-5 | S2 | DANIEL, Elizabeth | Derived from R99-specific 23.121 |
| TS | 23.226 | Global text telephony (GTT); Stage 2: Architecture | 5.2.0 | Rel-5 | S2 | HELLSTROM, Gunnar | 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set. |
| TS | 23.227 | Application and user interaction in the UE; Principles and specific requirements | 5.1.0 | Rel-5 | T2 | TOMÉ, Olga | |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | 5.10.0 | Rel-5 | S2 | TOWLE, Thomas | |
| TS | 23.236 | Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes | 5.2.0 | Rel-5 | S2 | TERRILL, Stephen | |
| TS | 23.271 | Location Services (LCS); Functional description; Stage 2 | 5.8.0 | Rel-5 | S2 | KÁLL, Jan | post-TSG#8: Recombined 2G and 3G spec for R00 onwards. |
| TS | 23.278 | Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | 5.4.0 | Rel-5 | N2 | REMOQUILLO, Angelica | 2001-10-26: renumbered from 23.178. |
| TR | 23.815 | Charging implications of IMS architecture | 5.0.0 | Rel-5 | S2 | MILINSKI, Alexander | Was 23.915. |
| TR | 23.871 | Enhanced support for user privacy in Location Services (LCS) | 5.0.0 | Rel-5 | S2 | KÁLL, Jan | |
| TR | 23.875 | Support of Push service | 5.1.0 | Rel-5 | S2 | UDA, Nobuyuki | SP-13: changed number from 23.974. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|----------------------------|---|
| TR | 23.910 | Circuit switched data bearer services | 5.4.0 | Rel-5 | N3 | HUSLENDE, Ragnar | 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval) |
| TS | 24.002 | GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration | 5.1.1 | Rel-5 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 24.007 | Mobile radio interface signalling layer 3; General Aspects | 5.1.0 | Rel-5 | N1 | HOWELL, Andrew | Transfer->TSG#4,CR at TSG#5 |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | 5.9.0 | Rel-5 | N1 | HOWELL, Andrew | |
| TS | 24.010 | Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects | 5.0.0 | Rel-5 | N4 | ANDERSEN, Niels Peter Skov | |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | 5.2.0 | Rel-5 | N1 | ANDERSEN, Niels Peter Skov | Transfer->TSG#4 |
| TS | 24.022 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | 5.4.0 | Rel-5 | N3 | KLEHN, Norbert | CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface". |
| TS | 24.030 | Location Services (LCS); Supplementary service operations; Stage 3 | 5.1.0 | Rel-5 | N4 | GARAPATY, Sonia | TSG#7: txfrd from SMG to 3GPP for R99. |
| TS | 24.067 | Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 | 5.0.0 | Rel-5 | N4 | SCHMITT, Peter | |
| TS | 24.072 | Call Deflection Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.080 | Mobile radio Layer 3 supplementary service specification; Formats and coding | 5.4.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.081 | Line Identification Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.082 | Call Forwarding supplementary service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.083 | Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 24.084 | MultiParty (MPTY) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | RUSSELL, Nick | |
| TS | 24.085 | Closed User Group (CUG) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.086 | Advice of Charge (AoC) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.087 | User-to-User Signalling (UUS); Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.090 | Unstructured Supplementary Service Data (USSD); Stage 3 | 5.0.0 | Rel-5 | N4 | BRUSS, Jörg | |
| TS | 24.091 | Explicit Call Transfer (ECT) Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.093 | Call Completion to Busy Subscriber (CCBS); Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.096 | Name Identification Supplementary Service; Stage 3 | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 24.135 | Multicall supplementary service; Stage 3 | 5.0.0 | Rel-5 | N4 | MITAMURA, Kazuo | |
| TS | 24.228 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | 5.6.0 | Rel-5 | N1 | KISS, Krisztian | |
| TS | 24.229 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | 5.6.0 | Rel-5 | N1 | DRAGE, Keith | NP-14: confirmed that this is appropriate for GSM as well as UMTS. |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | 5.8.0 | Rel-5 | R4 | FERNANDES, Edgar | |
| TS | 25.102 | User Equipment (UE) radio transmission and reception (TDD) | 5.5.0 | Rel-5 | R4 | KOTTKAMP, Meik | |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | 5.7.0 | Rel-5 | R4 | SKÖLD, Johan | |
| TS | 25.105 | UTRA (BS) TDD: Radio transmission and reception | 5.4.0 | Rel-5 | R4 | KOTTKAMP, Meik | |
| TS | 25.106 | UTRA repeater radio transmission and reception | 5.6.0 | Rel-5 | R4 | NILSSON, Martin | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------|--|
| TS | 25.113 | Base station and repeater electromagnetic compatibility (EMC) | 5.4.0 | Rel-5 | R4 | BARNES, David | |
| TS | 25.123 | Requirements for support of radio resource management (TDD) | 5.6.0 | Rel-5 | R4 | GUERRINI, Claudio | |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | 5.8.0 | Rel-5 | R4 | GUERRINI, Claudio | |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | 5.7.0 | Rel-5 | R4 | NAKAMURA, Takaharu | |
| TS | 25.142 | Base Station (BS) conformance testing (TDD) | 5.5.0 | Rel-5 | R4 | MEYER, Juergen | |
| TS | 25.143 | UTRA repeater conformance testing | 5.6.0 | Rel-5 | R4 | KUMMETZ, Thomas | Created by renumbering 25.107 |
| TS | 25.201 | Physical layer - general description | 5.2.0 | Rel-5 | R1 | TOSKALA, Antti | |
| TS | 25.211 | Physical channels and mapping of transport channels onto physical channels (FDD) | 5.5.0 | Rel-5 | R1 | WILDE, Andreas | |
| TS | 25.212 | Multiplexing and channel coding (FDD) | 5.6.0 | Rel-5 | R1 | TANAKA, Yoshinori | |
| TS | 25.213 | Spreading and modulation (FDD) | 5.4.0 | Rel-5 | R1 | CHAMBERS, Peter | |
| TS | 25.214 | Physical layer procedures (FDD) | 5.6.0 | Rel-5 | R1 | IKEDA, Shinobu | |
| TS | 25.215 | Physical layer; Measurements (FDD) | 5.5.0 | Rel-5 | R1 | IKEDA, Shinobu | |
| TS | 25.221 | Physical channels and mapping of transport channels onto physical channels (TDD) | 5.5.0 | Rel-5 | R1 | HIRAMATSU, Katsuhiko | |
| TS | 25.222 | Multiplexing and channel coding (TDD) | 5.5.0 | Rel-5 | R1 | KAHTAVA, Jussi | |
| TS | 25.223 | Spreading and modulation (TDD) | 5.3.0 | Rel-5 | R1 | VACANT, | |
| TS | 25.224 | Physical layer procedures (TDD) | 5.6.0 | Rel-5 | R1 | OESTREICH, Stefan | |
| TS | 25.225 | Physical layer; Measurements (TDD) | 5.5.0 | Rel-5 | R1 | IKEDA, Shinobu | |
| TS | 25.301 | Radio Interface Protocol Architecture | 5.2.0 | Rel-5 | R2 | GRANZOW, Wolfgang | |
| TS | 25.302 | Services provided by the physical layer | 5.6.0 | Rel-5 | R2 | MIHAILESCU, Claudiu | V3.0.0 approved via e-mail July 99 CR at TSG#5? |
| TS | 25.303 | Interlayer procedures in Connected Mode | 5.1.0 | Rel-5 | R2 | RINNE, Mikko J | |
| TS | 25.304 | User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode | 5.3.0 | Rel-5 | R2 | MAHKONEN, Marko | |
| TS | 25.305 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | 5.7.0 | Rel-5 | R2 | MIHAILESCU, Claudiu | Created from 25.923 |
| TS | 25.306 | UE Radio Access capabilities definition | 5.6.0 | Rel-5 | R2 | BERGGREN, Anders | Converted from TR 25.926 at TSG#10. |
| TS | 25.307 | Requirements on UEs supporting a release-independent frequency band | 5.0.0 | Rel-5 | R2 | FAUCONNIER, Denis | Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4 = RF & RMM requirements. |
| TS | 25.308 | UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 | 5.4.0 | Rel-5 | R2 | KUCHIBHOTLA, Ravi | TS created from entrails of TR 25.855. |
| TS | 25.321 | Medium Access Control (MAC) protocol specification | 5.6.0 | Rel-5 | R2 | STADLER, Thomas | |
| TS | 25.322 | Radio Link Control (RLC) protocol specification | 5.6.0 | Rel-5 | R2 | MADELAINE, Sebastien | |
| TS | 25.323 | Packet Data Convergence Protocol (PDCP) specification | 5.2.0 | Rel-5 | R2 | HANS, Martin | |
| TS | 25.324 | Broadcast/Multicast Control (BMC) | 5.3.0 | Rel-5 | R2 | HARTL, Mike | |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | 5.6.0 | Rel-5 | R2 | KUCHIBHOTLA, Ravi | |
| TS | 25.401 | UTRAN overall description | 5.6.0 | Rel-5 | R3 | CALMEL, Jean-Marie | Approval at TSG#5 |
| TS | 25.402 | Synchronisation in UTRAN Stage 2 | 5.2.0 | Rel-5 | R3 | PIOLINI, Flavio | New |
| TS | 25.410 | UTRAN Iu Interface: General Aspects and Principles | 5.3.0 | Rel-5 | R3 | TOWNEND, Richard | Approval at TSG#5 |
| TS | 25.411 | UTRAN Iu interface layer 1 | 5.0.0 | Rel-5 | R3 | BRANDT, Achim V. | |
| TS | 25.412 | UTRAN Iu interface signalling transport | 5.1.0 | Rel-5 | R3 | THAKARE, Kiran | |
| TS | 25.413 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | 5.6.0 | Rel-5 | R3 | JUSSILA, Jyrki | |
| TS | 25.414 | UTRAN Iu interface data transport & transport signalling | 5.4.0 | Rel-5 | R3 | COMSTOCK, David | |
| TS | 25.415 | UTRAN Iu interface user plane protocols | 5.3.0 | Rel-5 | R3 | MAUPIN, Alain | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|------------------------|---|
| TS | 25.419 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | 5.5.0 | Rel-5 | R3 | TAYLOR, Carolyn | |
| TS | 25.420 | UTRAN Iur Interface: General Aspects and Principles | 5.1.0 | Rel-5 | R3 | THAKARE, Kiran | |
| TS | 25.421 | UTRAN Iur interface Layer 1 | 5.0.0 | Rel-5 | R3 | BRANDT, Achim V. | |
| TS | 25.422 | UTRAN Iur interface signalling transport | 5.1.0 | Rel-5 | R3 | THAKARE, Kiran | |
| TS | 25.423 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | 5.7.0 | Rel-5 | R3 | RUNE, Göran | |
| TS | 25.424 | UTRAN Iur interface data transport & transport signalling for CCH data streams | 5.2.0 | Rel-5 | R3 | DREVON, Nicolas | |
| TS | 25.425 | UTRAN Iur interface user plane protocols for CCH data streams | 5.5.0 | Rel-5 | R3 | DREVON, Nicolas | |
| TS | 25.426 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | 5.3.0 | Rel-5 | R3 | KEKKI, Sami | |
| TS | 25.427 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | 5.2.0 | Rel-5 | R3 | LONGONI, Fabio | |
| TS | 25.430 | UTRAN Iub Interface: General Aspects and Principles | 5.2.0 | Rel-5 | R3 | WILSON, Mick | |
| TS | 25.431 | UTRAN Iub interface Layer 1 | 5.0.0 | Rel-5 | R3 | BRANDT, Achim V. | |
| TS | 25.432 | UTRAN Iub interface: signalling transport | 5.1.0 | Rel-5 | R3 | WILSON, Mick | |
| TS | 25.433 | UTRAN Iub interface NBAP signalling | 5.6.0 | Rel-5 | R3 | ISHIKAWA, Nobutaka | |
| TS | 25.434 | UTRAN Iub interface data transport & transport signalling for CCH data streams | 5.2.0 | Rel-5 | R3 | ALDEN, Magnus | |
| TS | 25.435 | UTRAN Iub interface user plane protocols for CCH data streams | 5.5.0 | Rel-5 | R3 | CALMEL, Jean-Marie | |
| TS | 25.442 | UTRAN implementation-specific O&M transport | 5.1.0 | Rel-5 | R3 | RECKER, Stephan | |
| TS | 25.450 | UTRAN Iupc interface general aspects and principles | 5.1.0 | Rel-5 | R3 | LIN, Ie-Hong | |
| TS | 25.451 | UTRAN Iupc interface layer 1 | 5.0.1 | Rel-5 | R3 | LIN, Ie-Hong | |
| TS | 25.452 | UTRAN Iupc interface: signalling transport | 5.0.0 | Rel-5 | R3 | LIN, Ie-Hong | |
| TS | 25.453 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | 5.7.0 | Rel-5 | R3 | LIN, Ie-Hong | |
| TR | 25.854 | Uplink Synchronous Transmission Scheme (USTS) | 5.0.0 | Rel-5 | R1 | KIM, Duk Kyung | |
| TR | 25.858 | Physical layer aspects of UTRA High Speed Downlink Packet Access | 5.0.0 | Rel-5 | R1 | GHOSH, Amitabha | |
| TR | 25.859 | User Equipment (UE) positioning enhancements for 1,28 Mcps TDD | 5.0.0 | Rel-5 | R2 | N, A | |
| TR | 25.860 | Radio access bearer support enhancements | 5.0.0 | Rel-5 | R2 | MIKOLA, Juha | |
| TR | 25.868 | Node B synchronization for 1,28 Mcps TDD | 5.0.1 | Rel-5 | R1 | HU, Jinling | |
| TR | 25.870 | Enhancement on the DSCH Hard Split mode | 5.0.0 | Rel-5 | R1 | KIM, Jaeyoel | |
| TR | 25.875 | NAS node selector function | 5.0.0 | Rel-5 | R3 | MCWILLIAMS, Brendan | |
| TR | 25.877 | High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects | 5.1.0 | Rel-5 | R3 | DIESEN, Michael | |
| TR | 25.878 | RL timing adjustment | 5.1.0 | Rel-5 | R3 | VOLTOLINA, Elena Eva | |
| TR | 25.879 | Separation of resource reservation and radio link activation | 5.0.0 | Rel-5 | R3 | | |
| TS | 25.880 | Re-arrangement of Iub transport bearers | 5.0.0 | Rel-5 | R3 | ISOKANGAS, Jari | 2003-01: title changed from "Traffic termination point swapping" some time ago. |
| TR | 25.881 | Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS | 5.0.0 | Rel-5 | R3 | HWANG, Woonhee | |
| TR | 25.882 | 1,28 Mcps TDD option base station classification | 5.0.0 | Rel-5 | R4 | MEYER, Juergen | |
| TR | 25.883 | Direct Transport Bearers Between SRNC and Node-B | 5.0.0 | Rel-5 | R3 | VAN LIESHOUT, Gert-Jan | |
| TR | 25.884 | Iur Neighbouring cell reporting efficiency optimisation | 5.0.0 | Rel-5 | R3 | VOLTOLINA, Elena Eva | Previous rapporteur: Shahrokh Amirijoo. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|----------------------|--|
| TR | 25.921 | Guidelines and principles for protocol description and error handling | 5.2.0 | Rel-5 | R2 | KALLA, Gairn | |
| TR | 25.922 | Radio Resource Management Strategies | 5.1.0 | Rel-5 | R2 | BULDORINI, Andrea | |
| TR | 25.931 | UTRAN Functions, examples on signalling procedures | 5.1.0 | Rel-5 | R3 | CASALINO, Francesco | |
| TR | 25.933 | IP transport in UTRAN | 5.3.0 | Rel-5 | R3 | DREVON, Nicolas | |
| TR | 25.942 | RF system scenarios | 5.1.0 | Rel-5 | R4 | BENABDALLAH, Nadia | Additional rapporteur = A.De Pasquale. |
| TR | 25.943 | Deployment aspects | 5.1.0 | Rel-5 | R4 | SKÖLD, Johan | |
| TR | 25.945 | RF requirements for low chip rate TDD option | 5.0.0 | Rel-5 | R4 | ZHANG, Daijun | |
| TR | 25.952 | Base Station classification (TDD) | 5.2.0 | Rel-5 | R4 | AXNESS, Timothy | |
| TR | 25.956 | UTRA repeater: Planning guidelines and system analysis | 5.0.0 | Rel-5 | R4 | GARCIA LOPEZ, Lorena | |
| TR | 25.991 | Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment | 5.1.0 | Rel-5 | R4 | MOSHAVI, Shimon | |
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | 5.0.0 | Rel-5 | R2 | FAUCONNIER, Denis | |
| TS | 26.071 | AMR speech Codec; General description | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.073 | AMR speech Codec; C-source code | 5.2.0 | Rel-5 | S4 | EKUDDEN, Erik | |
| TS | 26.074 | AMR speech Codec; Test sequences | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.077 | Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder | 5.0.1 | Rel-5 | S4 | USAI, Paolino | |
| TS | 26.090 | AMR speech Codec; Transcoding Functions | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.091 | AMR speech Codec; Error concealment of lost frames | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.092 | AMR speech Codec; comfort noise for AMR Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | 5.2.0 | Rel-5 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.094 | AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | USAI, Paolino | Transfer>TSG#4 |
| TS | 26.101 | Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure | 5.0.0 | Rel-5 | S4 | HAGQVIST, Jari | |
| TS | 26.102 | Adaptive Multi-Rate (AMR) speech codec; Interface to Iu and Uu | 5.2.0 | Rel-5 | S4 | NAVARRO, William | |
| TS | 26.103 | Speech codec list for GSM and UMTS | 5.4.0 | Rel-5 | S4 | HELLWIG, Karl | New after TSG#5 |
| TS | 26.104 | ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec | 5.2.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 26.110 | Codec for circuit switched multimedia telephony service; General description | 5.0.0 | Rel-5 | S4 | ARONSON, Barry | |
| TS | 26.111 | Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324 | 5.1.0 | Rel-5 | S4 | ARONSON, Barry | CR at TSG#5 |
| TS | 26.115 | Echo control for speech and multi-media services | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 26.131 | Terminal acoustic characteristics for telephony; Requirements | 5.2.0 | Rel-5 | S4 | GOETZ, Ian | |
| TS | 26.132 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | 5.4.0 | Rel-5 | S4 | GOETZ, Ian | |
| TS | 26.140 | Multimedia Messaging Service (MMS); Media formats and codes | 5.2.0 | Rel-5 | S4 | CASTAGNO, Roberto | |
| TS | 26.171 | AMR speech codec, wideband; General description | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | |
| TS | 26.173 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec | 5.8.0 | Rel-5 | S4 | EKUDDEN, Erik | 2001-10-01: added "G" flag. |
| TS | 26.174 | AMR speech codec, wideband; Test sequences | 5.4.0 | Rel-5 | S4 | EKUDDEN, Erik | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------|--|
| TS | 26.190 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions | 5.1.0 | Rel-5 | S4 | VACANT, | |
| TS | 26.191 | AMR speech codec, wideband; Error concealment of lost frames | 5.1.0 | Rel-5 | S4 | EKUDDEN, Erik | |
| TS | 26.192 | Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects | 5.0.0 | Rel-5 | S4 | VACANT, | |
| TS | 26.193 | AMR speech codec, wideband; Source Controlled Rate operation | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | |
| TS | 26.194 | Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD) | 5.0.0 | Rel-5 | S4 | VACANT, | |
| TS | 26.201 | AMR speech codec, wideband; Frame structure | 5.0.0 | Rel-5 | S4 | HAGQVIST, Jari | |
| TS | 26.202 | AMR speech codec, wideband; Interface to lu and Uu | 5.1.0 | Rel-5 | S4 | NAVARRO, William | |
| TS | 26.204 | ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec | 5.2.0 | Rel-5 | S4 | N, A | |
| TS | 26.226 | Global text telephony (GTT);Transport of text in the voice channel | 5.0.0 | Rel-5 | S4 | HELLSTROM, Gunnar | SP-16: in "GERAN" set. |
| TS | 26.230 | Global text telephony (GTT); Cellular text telephone modem transmitter C-code description | 5.0.1 | Rel-5 | S4 | HELLSTROM, Gunnar | SP-16: in "GERAN" set. |
| TS | 26.231 | Global text telephony (GTT); Cellular text telephone modem minimum performance requirements | 5.2.0 | Rel-5 | S4 | HELLSTROM, Gunnar | SP-16: in "GERAN" set. |
| TS | 26.233 | End-to-end transparent streaming service; General description | 5.0.0 | Rel-5 | S4 | HONKO, Harri | |
| TS | 26.234 | Transparent end-to-end streaming service; Protocols and codecs | 5.6.0 | Rel-5 | S4 | FRANCESCHI, Olle | |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | 5.1.0 | Rel-5 | S4 | OJALA, Pasi | |
| TS | 26.236 | Packet switched conversational multimedia applications; Transport protocols | 5.4.0 | Rel-5 | S4 | OJALA, Pasi | |
| TR | 26.911 | Codec for Circuit switched Multimedia Telephony Service;Terminal Implementor's Guide | 5.1.0 | Rel-5 | S4 | HAAVISTO, Petri | |
| TR | 26.937 | Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model | 6.0.0 | Rel-5 | S4 | VARSA, Viktor | |
| TR | 26.975 | Performance characterization of the Adaptive Multi-Rate (AMR) speech codec | 5.0.0 | Rel-5 | S4 | EKUDDEN, Erik | Replaces 26.075. 2001-10-02: Also for GSM. |
| TR | 26.976 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | 5.1.0 | Rel-5 | S4 | VAINIO, Janne | Cf 26.975. |
| TS | 27.001 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | 5.7.0 | Rel-5 | N3 | HUSLENDE, Ragnar | |
| TS | 27.002 | Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities | 5.0.0 | Rel-5 | N3 | HUSLENDE, Ragnar | |
| TS | 27.003 | Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities | 5.0.0 | Rel-5 | N3 | HUSLENDE, Ragnar | |
| TS | 27.005 | Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) | 5.0.0 | Rel-5 | T2 | HARRIS, Ian | |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | 5.4.0 | Rel-5 | T2 | CHRISTENSEN, Soren | |
| TS | 27.010 | Terminal Equipment to User Equipment (TE-UE) multiplexer protocol | 5.0.0 | Rel-5 | T2 | BROOK, Richard | |
| TS | 27.060 | Packet domain; Mobile Station (MS) supporting Packet Switched services | 5.5.0 | Rel-5 | N3 | WILD, Johanna | GPRS |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|--|---------------|-------|--------|--------------------|---|
| TS | 27.103 | Wide Area Network Synchronization | 5.0.0 | Rel-5 | T2 | CHAU, Alan | |
| TR | 27.901 | Report on Terminal Interfaces - An Overview | 5.0.0 | Rel-5 | T2 | REX, Thomas | |
| TS | 28.062 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | 5.4.0 | Rel-5 | S4 | SUERBAUM, Clemens | Transfer>TSG#4 |
| TS | 29.002 | Mobile Application Part (MAP) specification | 5.7.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 29.007 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | 5.7.0 | Rel-5 | N3 | KLEHN, Norbert | |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | 5.4.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | Transfer>TSG#4 (transfer??) |
| TS | 29.011 | Signalling Interworking for Supplementary Services | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | |
| TS | 29.013 | Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols | 5.0.0 | Rel-5 | N4 | WIEHE, Ulrich | Transfer>TSG#4 |
| TS | 29.016 | Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification | 5.0.0 | Rel-5 | N1 | MILLS, Duncan | |
| TS | 29.018 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | 5.5.0 | Rel-5 | N1 | MILLS, Duncan | |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | 5.7.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | |
| TS | 29.061 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | 5.7.0 | Rel-5 | N3 | WILD, Johanna | Former title: "General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet". |
| TS | 29.078 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | 5.5.0 | Rel-5 | N2 | NOLDUS, Rogier | Transfer>TSG#4 |
| TS | 29.108 | Application of the Radio Access Network Application Part (RANAP) on the E-interface | 5.3.0 | Rel-5 | R3 | VESELY, Alexander | TSG#8:Appeared as v2.0.0 (RP-000258) |
| TS | 29.119 | GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) | 5.0.0 | Rel-5 | N4 | AIKAWA, Shinichiro | New after TSG#5 |
| TS | 29.120 | Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3 | 5.0.0 | Rel-5 | N4 | MITAMURA, Kazuo | New after TSG#5 |
| TS | 29.198-01 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | 5.3.0 | Rel-5 | N5 | ABARCA, Chelo | |
| TS | 29.198-02 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data | 5.4.0 | Rel-5 | N5 | ABARCA, Chelo | |
| TS | 29.198-03 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | 5.4.0 | Rel-5 | N5 | BENNETT, Andy | |
| TS | 29.198-04-1 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions | 5.4.0 | Rel-5 | N5 | BAKKER, John-Luc | |
| TS | 29.198-04-2 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF) | 5.4.0 | Rel-5 | N5 | BAKKER, John-Luc | |
| TS | 29.198-04-3 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF) | 5.4.0 | Rel-5 | N5 | BAKKER, John-Luc | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|--|---------------|-------|--------|------------------------------|---|
| TS | 29.198-04-4 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF) | 5.4.0 | Rel-5 | N5 | BAKKER, John-Luc | |
| TS | 29.198-05 | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction | 5.4.0 | Rel-5 | N5 | ABARCA, Chelo | |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | 5.3.0 | Rel-5 | N5 | ABARCA, Chelo | |
| TS | 29.198-07 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities | 5.4.0 | Rel-5 | N5 | SAARENPA, Matti | |
| TS | 29.198-08 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control | 5.4.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TS | 29.198-11 | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management | 5.3.0 | Rel-5 | N5 | SCHILDERS, Koen | |
| TS | 29.198-12 | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging | 5.3.0 | Rel-5 | N5 | SCHILDERS, Koen | |
| TS | 29.198-13 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF | 5.2.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TS | 29.198-14 | Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) | 5.3.0 | Rel-5 | N5 | VENKATESH, Guda | |
| TS | 29.202 | Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 | 5.2.0 | Rel-5 | N4 | ANGELO, Ciriaco | |
| TS | 29.205 | Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3 | 5.1.0 | Rel-5 | N4 | HEIDERMARK, Alf | |
| TS | 29.207 | Policy control over Go interface | 5.5.0 | Rel-5 | N3 | YOKOTA, Daisuke | NP-15: title changed from "End to end Quality of Service (QoS); Stage 3". |
| TS | 29.208 | End to end Quality of Service (QoS) signalling flows | 5.5.0 | Rel-5 | N3 | YOKOTA, Daisuke | |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | 5.5.0 | Rel-5 | N4 | PALLARES LÓPEZ, Miguel Angel | Additional rapporteur: Miguel-Angel Pallares-Lopez |
| TS | 29.229 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | 5.5.0 | Rel-5 | N4 | PALLARES LÓPEZ, Miguel Angel | 2nd rapporteur: CZOMA, Balazs. |
| TS | 29.232 | Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 | 5.6.0 | Rel-5 | N4 | PARK, Ian David Chalmers | Additional rapporteur: Laura.Pomponi@CSELT.IT |
| TS | 29.278 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) | 5.2.0 | Rel-5 | N2 | REMOQUILLO, Angelica | NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2. |
| TS | 29.328 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | 5.5.0 | Rel-5 | N4 | BERRY, Nigel. H | NP-21: Title changed to include Dh interface as well as Sh. |
| TS | 29.329 | Sh interface based on the Diameter protocol | 5.4.0 | Rel-5 | N4 | BERRY, Nigel. H | |
| TS | 29.414 | Core network Nb data transport and transport signalling | 5.0.0 | Rel-5 | N3 | BELLING, Thomas | |
| TS | 29.415 | Core network Nb interface user plane protocols | 5.1.0 | Rel-5 | N3 | SANDERS, David | |
| TR | 29.903 | Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA) | 5.0.0 | Rel-5 | N4 | YOUNG, Michael | Supersedes 29.203. |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | 5.0.1 | Rel-5 | N1 | ANDERSEN, Niels Peter Skov | 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. |
| TR | 29.998-01 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|---|---------------|-------|--------|--------------------|---|
| TR | 29.998-04-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-04-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control ISC | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | Evidence for existence unearthed in N5-020143. |
| TR | 29.998-05-1 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-05-4 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-06 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TR | 29.998-08 | Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP | 5.0.0 | Rel-5 | N5 | UNMEHOPA, Musa | |
| TR | 30.902 | Guidelines for the modification of the Mobile Application Part (MAP) | 5.0.1 | Rel-5 | N4 | WIEHE, Ulrich | NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG 3.0x series. |
| TS | 31.048 | Test specification for security mechanisms for the (U)SIM application toolkit | none | Rel-5 | T3 | VIALLET, Sophie | Test spec for 23.048. |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | 5.1.0 | Rel-5 | T3 | VESTERGAARD, Peter | Contents is a reference to ETSI TR 102 221. |
| TS | 31.102 | Characteristics of the USIM application | 5.6.0 | Rel-5 | T3 | HEIM, Christian | |
| TS | 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | 5.4.0 | Rel-5 | T3 | N, A | |
| TS | 31.111 | Universal Subscriber Identity Module Application Toolkit (USAT) | 5.5.0 | Rel-5 | T3 | WOODSEND, Kristian | To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14. |
| TS | 31.112 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2 | 5.2.0 | Rel-5 | T3 | N, A | |
| TS | 31.113 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes | 5.5.0 | Rel-5 | T3 | N, A | |
| TS | 31.114 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration | 5.3.0 | Rel-5 | T3 | MEYER, Michael | |
| TS | 31.121 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | none | Rel-5 | T3 | AFCHAR, Ramin | based on R99 core spec; split into 2 parts (this is 2) |
| TR | 31.900 | SIM/USIM internal and external interworking aspects | 5.3.0 | Rel-5 | T3 | KALINER, Stefan | |
| TS | 32.101 | Telecommunication management; Principles and high level requirements | 5.5.0 | Rel-5 | S5 | TRUSS, Michael | |
| TS | 32.102 | Telecommunication management; Architecture | 5.4.0 | Rel-5 | S5 | BERGGREN, Tommy | |
| TS | 32.111-1 | Telecommunication management; Fault Management; Part 1: 3G fault management requirements | 5.1.1 | Rel-5 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |
| TS | 32.111-2 | Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service | 5.4.0 | Rel-5 | S5 | SCHMIDT, Joerg | TSG#8: split into 4 parts |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|---|---------------|-------|--------|-------------------|---------------------------|
| TS | 32.111-3 | Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.4.0 | Rel-5 | S5 | TSE, Edwin | TSG#8: split into 4 parts |
| TS | 32.111-4 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.6.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | TSG#8: split into 4 parts |
| TS | 32.200 | Telecommunication management; Charging management; Charging principles | 5.5.0 | Rel-5 | S5 | GOERMER, Gerald | |
| TS | 32.205 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | 5.4.0 | Rel-5 | S5 | ALEXANDER, Benni | |
| TS | 32.215 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | 5.4.0 | Rel-5 | S5 | ALEXANDER, Benni | |
| TS | 32.225 | Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS) | 5.3.0 | Rel-5 | S5 | TEPPO, Patrik | |
| TS | 32.235 | Telecommunication management; Charging management; Charging data description for application services | 5.4.0 | Rel-5 | S5 | GOERMER, Gerald | |
| TS | 32.300 | Telecommunication management; Configuration Management (CM); Name convention for Managed Objects | 5.0.1 | Rel-5 | S5 | TOVINGER, Thomas | Replaces 32.106-8 (pars) |
| TS | 32.301 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements | 5.0.1 | Rel-5 | S5 | SCHMIDT, Joerg | was 32.301-1 |
| TS | 32.302 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service | 5.1.0 | Rel-5 | S5 | TSE, Edwin | was 32.301-2 |
| TS | 32.303 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.2.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.301-3 |
| TS | 32.304 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.2.1 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.301-4 |
| TS | 32.311 | Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements | 5.0.1 | Rel-5 | S5 | TSE, Edwin | was 32.112-1 |
| TS | 32.312 | Telecommunication management; Generic Integration Reference Point (IRP) management; Information service | 5.0.1 | Rel-5 | S5 | TSE, Edwin | was 32.112-2 |
| TS | 32.321 | Telecommunication management; Test management Integration Reference Point (IRP): Requirements | 5.0.1 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.322 | Telecommunication management; Test management Integration Reference Point (IRP): Information service | 5.0.1 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.323 | Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.0.1 | Rel-5 | S5 | TSE, Edwin | |
| TS | 32.324 | Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.0.1 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | 5.2.0 | Rel-5 | S5 | HÜBINETTE, Ulf | was 32.104 (pars) |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|-------------------|-------------------------|
| TS | 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | 5.4.0 | Rel-5 | S5 | TOCHE, Christian | was 32.104 (pars) |
| TS | 32.600 | Telecommunication management; Configuration Management (CM); Concept and high-level requirements | 5.0.1 | Rel-5 | S5 | TOVINGER, Thomas | Replaces 32.106 (pars). |
| TS | 32.601 | Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements | 5.0.1 | Rel-5 | S5 | PIRT, Trevor | was 32.601-1 |
| TS | 32.602 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service | 5.1.0 | Rel-5 | S5 | TOVINGER, Thomas | was 32.601-2 |
| TS | 32.603 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.2.0 | Rel-5 | S5 | TSE, Edwin | was 32.601-3 |
| TS | 32.604 | Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.601-4 |
| TS | 32.611 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements | 5.1.0 | Rel-5 | S5 | PAL, Tapinder | was 32.602-1 |
| TS | 32.612 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service | 5.1.1 | Rel-5 | S5 | PIRT, Trevor | was 32.602-2 |
| TS | 32.613 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | PIRT, Trevor | was 32.602-3 |
| TS | 32.614 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.602-4 |
| TS | 32.615 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | 5.2.0 | Rel-5 | S5 | BONNEAU, Frédéric | was 32.602-5 |
| TS | 32.621 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements | 5.0.0 | Rel-5 | S5 | PIRT, Trevor | was 32.620-1 |
| TS | 32.622 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.1.0 | Rel-5 | S5 | TOVINGER, Thomas | was 32.620-2 |
| TS | 32.623 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | PIRT, Trevor | was 32.620-3 |
| TS | 32.624 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.1.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.620-4 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-------------------|--|
| TS | 32.625 | Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.1.0 | Rel-5 | S5 | BONNEAU, Frédéric | |
| TS | 32.631 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements | 5.0.0 | Rel-5 | S5 | PIRT, Trevor | was 32.621-1 |
| TS | 32.632 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.4.0 | Rel-5 | S5 | PAL, Tapinder | was 32.621-2 |
| TS | 32.633 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | PAL, Tapinder | was 32.621-3 |
| TS | 32.634 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.621-4 |
| TS | 32.635 | Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.1.0 | Rel-5 | S5 | BONNEAU, Frédéric | RP-15: existence gleaned from S5 report. |
| TS | 32.641 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements | 5.0.0 | Rel-5 | S5 | PIRT, Trevor | was 32.622-1 |
| TS | 32.642 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.2.0 | Rel-5 | S5 | PETERSEN, Robert | was 32.622-2 |
| TS | 32.643 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | RAYMER, David | was 32.622-3 |
| TS | 32.644 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.2.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.622-4 |
| TS | 32.645 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.2.0 | Rel-5 | S5 | BONNEAU, Frédéric | |
| TS | 32.651 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements | 5.0.0 | Rel-5 | S5 | PIRT, Trevor | was 32.623-1 |
| TS | 32.652 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.2.0 | Rel-5 | S5 | PETERSEN, Robert | was 32.623-2 |
| TS | 32.653 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.2.0 | Rel-5 | S5 | RAYMER, David | was 32.623-3 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-------------------|---|
| TS | 32.654 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.2.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | was 32.623-4 |
| TS | 32.655 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | 5.2.0 | Rel-5 | S5 | BONNEAU, Frédéric | |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM requirements | 5.1.0 | Rel-5 | S5 | TOVINGER, Thomas | |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM information service | 5.0.0 | Rel-5 | S5 | TOVINGER, Thomas | |
| TS | 32.663 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | PAL, Tapinder | |
| TS | 32.664 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.671 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.672 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service | 5.0.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.673 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 5.1.0 | Rel-5 | S5 | RAYMER, David | |
| TS | 32.674 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 5.1.0 | Rel-5 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.691 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements | 5.0.0 | Rel-5 | S5 | PAL, Tapinder | |
| TS | 32.692 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM) | 5.0.0 | Rel-5 | S5 | PAL, Tapinder | |
| TR | 32.800 | Telecommunication management; Management level procedures and interaction with UTRAN | 5.0.0 | Rel-5 | S5 | BODEN, Bert | |
| TR | 32.802 | Telecommunication management; User Equipment Management (UEM) feasibility study | 5.1.0 | Rel-5 | S5 | ZOICAS, Adrian | |
| TS | 33.102 | 3G security; Security architecture | 5.3.0 | Rel-5 | S3 | BLOMMAERT, Marc | |
| TS | 33.106 | Lawful interception requirements | 5.1.0 | Rel-5 | S3 | WILHELM, Berthold | |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | 5.6.0 | Rel-5 | S3 | WILHELM, Berthold | |
| TS | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | 5.5.0 | Rel-5 | S3 | WILHELM, Berthold | 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de). |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|---|---------------|-------|--------|------------------|---|
| TS | 33.200 | 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security | 5.1.0 | Rel-5 | S3 | ESCOTT, Adrian | 2001-05-24: title grows MAP; see 33.210 for IP equivalent. |
| TS | 33.201 | Access domain security | none | Rel-5 | S3 | POPE, Maurice | |
| TS | 33.203 | 3G security; Access security for IP-based services | 5.7.0 | Rel-5 | S3 | BOMAN, Krister | |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | 5.5.0 | Rel-5 | S3 | KOIJEN, Geir | 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210). |
| TS | 34.109 | Terminal logical test interface; Special conformance testing functions | 5.3.0 | Rel-5 | R2 | BERGGREN, Anders | TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: Stable, so txfered from T1 to R2. |
| TS | 34.121 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | 5.1.0 | Rel-5 | T1 | HIGUCHI, Kenji | |
| TS | 34.123-1 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | 5.5.0 | Rel-5 | T1 | SALMERON, Lidia | |
| TS | 34.123-2 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | 5.5.0 | Rel-5 | T1 | HU, Shicheng | |
| TS | 34.124 | Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment | 5.3.0 | Rel-5 | R4 | SOERENSEN, Ole | T1->R4@TSG#10 |
| TR | 34.926 | Table of international EMC requirements | 5.0.0 | Rel-5 | R4 | FENN, John B | Plan approved TSG#7 TP-000036). T1->R4@TSG#10 |
| TS | 35.201 | Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.202 | Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.203 | Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.204 | Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE; supplied by ETSI under licence |
| TS | 35.205 | 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE. 2002-06: clarified that deliverable is TS not TR. |
| TS | 35.206 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification | 5.1.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE |
| TS | 35.207 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE |
| TS | 35.208 | 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE |
| TR | 35.909 | 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 5: Summary and results of design and evaluation | 5.0.0 | Rel-5 | S3 | WALKER, Michael | ex SAGE |
| TR | 41.031 | Fraud Information Gathering System (FIGS); Service requirements; Stage 0 | 5.0.0 | Rel-5 | S3 | WRIGHT, Tim | |
| TR | 41.033 | Lawful Interception requirements for GSM | 5.0.0 | Rel-5 | S3 | MCKIBBEN, Bernie | |
| TS | 41.101 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | 5.4.0 | Rel-5 | SP | MEREDITH, John M | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-----------------------------|--|
| TS | 42.019 | Subscriber Identity Module Application Programming Interface (SIM API); Stage 1 | 5.0.0 | Rel-5 | T3 | DIETRICH, Christian | TP-17: From Rel-6, transferred to ETSI TS 102 240. |
| TS | 42.033 | Lawful Interception; Stage 1 | 5.0.0 | Rel-5 | S3 | MCKIBBEN, Bernie | |
| TS | 42.043 | Support of Localised Service Area (SoLSA); Service description; Stage 1 | 5.0.0 | Rel-5 | S1 | KOKKOLA, Tommi | Was 22.043 at Rel99. |
| TS | 42.056 | GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1 | 5.0.0 | Rel-5 | S1 | GALLIGO, Michel | |
| TS | 42.068 | Voice Group Call Service (VGCS); Stage 1 | 5.0.1 | Rel-5 | S1 | GILES, Les | |
| TS | 42.069 | Voice Broadcast Service (VBS); Stage 1 | 5.0.1 | Rel-5 | S1 | GILES, Les | |
| TR | 43.005 | Technical performance objectives | 5.0.0 | Rel-5 | NP | BOSWARTHICK, David | |
| TS | 43.010 | GSM Public Land Mobile Network (PLMN) connection types | 5.2.0 | Rel-5 | N3 | BOSWARTHICK, David | |
| TS | 43.013 | Discontinuous Reception (DRX) in the GSM system | 5.0.0 | Rel-5 | G1 | USAI, Paolino | |
| TS | 43.019 | Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2 | 5.6.0 | Rel-5 | T3 | DIETRICH, Christian | For test spec, see 51.013. |
| TS | 43.020 | Security-related network functions | 5.0.0 | Rel-5 | S3 | GILBERT, Henri | |
| TS | 43.022 | Functions related to Mobile Station (MS) in idle mode and group receive mode | 5.1.0 | Rel-5 | G1 | HOWELL, Andrew | Moved from SMG3 Jan 2000. |
| TR | 43.026 | Multiband operation of GSM / DCS 1800 by a single operator | 5.0.1 | Rel-5 | G1 | ANDERSEN, Niels Peter Skov | |
| TR | 43.030 | Radio network planning aspects | 5.1.0 | Rel-5 | G1 | TEGTH, Ulf | |
| TS | 43.033 | Lawful Interception; Stage 2 | 5.0.0 | Rel-5 | S3 | MCKIBBEN, Bernie | |
| TS | 43.045 | Technical Realization of Facsimile Group 3 Service - transparent | 5.0.0 | Rel-5 | N3 | BOSWARTHICK, David | |
| TS | 43.050 | Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 43.051 | GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2 | 5.10.0 | Rel-5 | G1 | SÉBIRE, Guillaume | Originally created as 03.51r00 |
| TS | 43.052 | Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2 | 5.0.0 | Rel-5 | G1 | GIRAUD, Alexis | |
| TS | 43.055 | Dual Transfer Mode (DTM); Stage 2 | 5.2.0 | Rel-5 | G1 | CARRIZO MARTINEZ, Jose Luis | |
| TR | 43.058 | Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) | 5.0.0 | Rel-5 | S4 | MONFORT, Jean-Yves | |
| TS | 43.059 | Functional stage 2 description of Location Services (LCS) in GERAN | 5.3.1 | Rel-5 | G1 | LIVINGSTON, Margaret | |
| TS | 43.064 | Overall description of the GPRS radio interface; Stage 2 | 5.2.0 | Rel-5 | G1 | LEPPISAARI, Arto | |
| TS | 43.068 | Voice Group Call Service (VGCS); Stage 2 | 5.3.0 | Rel-5 | N1 | GARAPATY, Sonia | |
| TS | 43.069 | Voice Broadcast service (VBS); Stage 2 | 5.3.0 | Rel-5 | N1 | GARAPATY, Sonia | |
| TS | 43.073 | Support of Localised Service Area (SoLSA); Stage 2 | 5.0.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | SP-16: derived from 23.073 on reversion to GERAN-only service. |
| TS | 43.130 | Iur-g interface; Stage 2 | 5.0.0 | Rel-5 | G1 | CARRIZO MARTINEZ, Jose Luis | Created identical to last version of 43.930. Also moved from G2 to G1. |
| TS | 44.001 | Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles | 5.0.0 | Rel-5 | N1 | ANDERSEN, Niels Peter Skov | |
| TS | 44.003 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.004 | Layer 1 - General Requirements | 5.2.0 | Rel-5 | G2 | ISAACS, Ken | |
| TS | 44.005 | Data Link (DL) Layer General Aspects | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.006 | Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification | 5.0.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|----------------------------|--|
| TS | 44.012 | Short Message Service Cell Broadcast (SMS-SCB) Support on the Mobile Radio Interface | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | Rel-4 onwards. (Rel-99 was 24.012) |
| TS | 44.013 | Performance Requirements on Mobile Radio Interface | 5.0.0 | Rel-5 | N1 | PUDNEY, Chris | |
| TS | 44.014 | Individual equipment type requirements and interworking; Special conformance testing functions | 5.2.0 | Rel-5 | G2 | HOWELL, Andrew | |
| TS | 44.018 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | 5.12.0 | Rel-5 | G2 | HOWELL, Andrew | |
| TS | 44.021 | Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface | 5.2.0 | Rel-5 | N3 | RÄSÄNEN, Juha | |
| TS | 44.031 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | 5.6.0 | Rel-5 | G2 | GARAPATY, Sonia | |
| TS | 44.035 | Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods | 5.0.1 | Rel-5 | G2 | GARAPATY, Sonia | |
| TS | 44.056 | GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification | 5.0.0 | Rel-5 | N1 | HUPPERICH, Peter | |
| TS | 44.057 | GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification | 5.0.0 | Rel-5 | N1 | HUPPERICH, Peter | |
| TS | 44.060 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | 5.8.0 | Rel-5 | G2 | BLACK, Jyoti | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol |
| TS | 44.064 | Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification | 5.1.0 | Rel-5 | N1 | DOIG, Ian | |
| TS | 44.065 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP) | 5.1.0 | Rel-5 | N1 | DOIG, Ian | 24.065 existed, but scrapped since 04.65 is GSM only. |
| TS | 44.068 | Group Call Control (GCC) Protocol | 5.0.1 | Rel-5 | N1 | GARAPATY, Sonia | |
| TS | 44.069 | Broadcast Call Control (BCC) protocol | 5.0.0 | Rel-5 | N1 | GARAPATY, Sonia | |
| TS | 44.071 | Location Services (LCS); Mobile radio interface layer 3 LCS specification | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.118 | Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode | 5.6.0 | Rel-5 | G2 | VIRTEJ, Iuliana | |
| TS | 44.160 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode | 5.6.1 | Rel-5 | G2 | N, A | Created GP-08; see GP-020483. 2002-07-18: G1->G2. |
| TR | 44.901 | External network assisted cell change (NACC) | 5.1.0 | Rel-5 | G2 | BACKLUND, Ingemar | 2003-07-03 (JMM): WI UID 23011?. See also 25.901. |
| TS | 45.001 | Physical layer on the radio path; General description | 5.6.0 | Rel-5 | G1 | JOKINEN, Harri | |
| TS | 45.002 | Multiplexing and multiple access on the radio path | 5.11.0 | Rel-5 | G1 | SÉBIRE, Benoist | |
| TS | 45.003 | Channel coding | 5.8.0 | Rel-5 | G1 | SÉBIRE, Benoist | |
| TS | 45.004 | Modulation | 5.1.1 | Rel-5 | G1 | SÉBIRE, Benoist | |
| TS | 45.005 | Radio transmission and reception | 5.9.0 | Rel-5 | G1 | SAMUELSSON, Mats | |
| TS | 45.008 | Radio subsystem link control | 5.12.0 | Rel-5 | G1 | EL-SAIGH, Amer | |
| TS | 45.009 | Link adaptation | 5.5.0 | Rel-5 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 45.010 | Radio subsystem synchronization | 5.3.0 | Rel-5 | G1 | JOKINEN, Harri | |
| TR | 45.022 | Radio link management in hierarchical networks | 5.0.0 | Rel-5 | G1 | VAN BUSSEL, Han | |
| TR | 45.050 | Background for RF Requirements | 5.0.1 | Rel-5 | G1 | ANDERSEN, Niels Peter Skov | |
| TS | 45.056 | CTS-FP Radio Sub-system | 5.0.0 | Rel-5 | G1 | USAI, Paolino | |
| TS | 46.001 | Full Rate Speech Processing Functions | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------------|---------|
| TS | 46.002 | Half Rate Speech Processing Functions | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TS | 46.006 | Half-rate speech: ANSI-C code for GSM half-rate speech codec | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TS | 46.007 | Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TR | 46.008 | Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec | 5.0.0 | Rel-5 | S4 | SALEM, Tarek | |
| TS | 46.010 | Full-rate speech transcoding | 5.0.0 | Rel-5 | S4 | LORENZ, Dietmar | |
| TS | 46.011 | Substitution and Muting of Lost Frames for Full Rate Speech Channels | 5.0.0 | Rel-5 | S4 | NAVARRO, William | |
| TS | 46.012 | Comfort Noise Aspects for Full Rate Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | SERENO, Daniele | |
| TS | 46.020 | Half Rate Speech Transcoding | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TS | 46.021 | Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TS | 46.022 | Comfort Noise Aspects for Half Rate Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | AFTELAK, Steve | |
| TS | 46.031 | Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 46.032 | Voice Activity Detection (VAD) | 5.0.0 | Rel-5 | S4 | BARRETT, Paul | |
| TS | 46.041 | Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 46.042 | Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels | 5.0.0 | Rel-5 | S4 | BARRETT, Paul | |
| TS | 46.051 | GSM Enhanced full rate speech processing functions: General description | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.053 | ANSI-C code for the GSM Enhanced full rate speech codec | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.054 | Test sequences for the GSM Enhanced Full Rate (EFR) | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TR | 46.055 | Performance characterisation of the GSM EFR Speech Codec | 5.0.0 | Rel-5 | S4 | SALEM, Tarek | |
| TS | 46.060 | Enhanced full rate speech transcoding | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.061 | Substitution and muting of lost frames for enhanced full rate speech traffic channels | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.062 | Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.081 | Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TS | 46.082 | Voice Activity Detection (VAD) for enhanced full rate speech traffic channels | 5.0.0 | Rel-5 | S4 | JÄRVINEN, Kari | |
| TR | 46.085 | Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation | 5.0.0 | Rel-5 | S4 | USAI, Paolino | |
| TS | 48.001 | General Aspects on the BSS-MSC Interface | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.002 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles | 5.1.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.004 | Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.006 | Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|----------|--|---------------|-------|--------|----------------------------|--|
| TS | 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | 5.10.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.014 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1 | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.016 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service | 5.2.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.018 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | 5.7.0 | Rel-5 | G2 | BLACK, Jyoti | |
| TS | 48.020 | Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface | 5.2.0 | Rel-5 | N3 | RÄSÄNEN, Juha | |
| TS | 48.031 | Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification | 5.0.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.051 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.052 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.054 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits | 5.0.1 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.056 | Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification | 5.0.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.058 | Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification | 5.6.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.060 | In-band control of remote transcoders and rate adaptors for full rate traffic channels | 5.2.0 | Rel-5 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 48.061 | In-band control of remote transcoders and rate adaptors for half rate traffic channels | 5.0.0 | Rel-5 | G1 | ANDERSEN, Niels Peter Skov | 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. |
| TS | 48.071 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | 5.1.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TR | 49.001 | General network interworking scenarios | 5.0.0 | Rel-5 | N4 | KYMALAINEN, Kimmo | |
| TS | 49.008 | Application of the Base Station System Application Part (BSSAP) on the E-Interface | 5.1.0 | Rel-5 | N1 | FARHOUMAND, Rouzbeh | |
| TS | 49.031 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | 5.3.0 | Rel-5 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 51.010-1 | Mobile Station (MS) conformance specification; Part 1: Conformance specification | 5.5.0 | Rel-5 | G3new | HU, Shicheng | 2001-11-19: G4->G5. |
| TS | 51.010-2 | Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification | 5.5.0 | Rel-5 | G3new | HU, Shicheng | 2001-11-19: G4->G5. |
| TS | 51.013 | Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card | 5.0.1 | Rel-5 | T3 | LLOBREGAT, Fernando | |
| TS | 51.021 | GSM radio aspects base station system equipment specification | 5.3.0 | Rel-5 | G1 | BUSIN, Ake | |
| TS | 51.026 | GSM Repeater Equipment Specification | 5.0.0 | Rel-5 | G1 | BUSIN, Ake | |
| TS | 52.021 | Network Management (NM) Procedures and messages on the A-bis interface | 5.0.0 | Rel-5 | G1 | TRUSS, Michael | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|------------------|-------------------------|
| TS | 52.402 | Telecommunication management; Performance Management (PM); Performance measurements - GSM | 5.0.0 | Rel-5 | S5 | TOCHE, Christian | SP-13: replaces 32.402. |

D.4.1 Release 5 3GPP Specifications and reports not under change control

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-------------------|--|
| TR | 25.867 | Feasibility study for wideband distribution systems in 3rd generation networks | 1.0.0 | Rel-5 | R4 | MATARASSO, Carlo | |
| TR | 25.876 | Multiple-Input Multiple-Output Antennae | 1.1.0 | Rel-5 | R1 | HUANG, Howard | RP-20: reference to HSDPA removed from title |
| TR | 25.890 | High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD) | 1.0.0 | Rel-5 | R4 | FERNANDES, Edgar | |
| TR | 25.994 | Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults | 0.0.0 | Rel-5 | R2 | COURAU, François | RP-20: Primary responsibility moved from RP to R2. |
| TR | 25.995 | Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification | 0.0.1 | Rel-5 | R2 | COURAU, François | RP-20: Primary responsibility moved from RP to R2. |
| TR | 33.900 | Guide to 3G security | 0.4.1 | Rel-5 | S3 | BROOKSON, Charles | |
| TR | 33.903 | Access Security for IP based services | none | Rel-5 | S3 | VACANT, | |

D.5 Release 6 3GPP Specifications and reports

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|---------------------|---|
| TR | 21.900 | Technical Specification Group working methods | 6.0.0 | Rel-6 | SP | MEREDITH, John M | |
| TR | 21.902 | Evolution of 3GPP system | 6.0.0 | Rel-6 | SP | BISHOP, Craig | SP-21: On closure of Evolution group, confirmed that ownership stays with SA. |
| TR | 21.905 | Vocabulary for 3GPP Specifications | 6.4.0 | Rel-6 | S1 | ZARRI, Michele | |
| TS | 22.011 | Service accessibility | 6.1.0 | Rel-6 | S1 | GALLAIRE, Jean Paul | Transfer>TSG#4 |
| TS | 22.038 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | 6.1.0 | Rel-6 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.041 | Operator Determined Call Barring | 6.1.0 | Rel-6 | S1 | WOLAK, Stephen | Transfer>TSG#4 |
| TS | 22.060 | General Packet Radio Service (GPRS); Service description; Stage 1 | 6.0.0 | Rel-6 | S1 | CARPENTER, Paul | Transfer>TSG#4 |
| TS | 22.066 | Support of Mobile Number Portability (MNP); Stage 1 | 6.1.0 | Rel-6 | S1 | CLAYTON, Michael | Transfer>TSG#4 |
| TS | 22.067 | enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1 | 6.1.0 | Rel-6 | S1 | SWETINA, Joerg | Transfer>TSG#4 |
| TS | 22.071 | Location Services (LCS); Stage 1 | 6.5.0 | Rel-6 | S1 | WOHLERT, Randolph | Transfer>TSG#4 |
| TS | 22.078 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | 6.2.0 | Rel-6 | S1 | GRECH, Michel | |
| TS | 22.101 | Service aspects; Service principles | 6.5.0 | Rel-6 | S1 | DWYER, Paul | |
| TS | 22.105 | Services and service capabilities | 6.2.0 | Rel-6 | S1 | EVEN, Anne | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------------|--|
| TS | 22.115 | Service Aspects Charging and billing | 6.2.0 | Rel-6 | S1 | MONTEGROSSO, Emanuele | |
| TS | 22.127 | Service Requirement for the Open Services Access (OSA); Stage 1 | 6.3.0 | Rel-6 | S1 | SWETINA, Joerg | |
| TS | 22.129 | Handover requirements between UTRAN and GERAN or other radio systems | 6.0.0 | Rel-6 | S1 | SAMPSON, Nick | |
| TS | 22.140 | Multimedia Messaging Service (MMS); Stage 1 | 6.3.0 | Rel-6 | S1 | LAUMEN, Josef | (development in T2) |
| TS | 22.141 | Presence service; Stage 1 | 6.2.0 | Rel-6 | S1 | WOHLERT, Randolph | |
| TS | 22.146 | Multimedia Broadcast/Multicast Service (MBMS); Stage 1 | 6.2.0 | Rel-6 | S1 | JARVIS, Andre | Replaces 22.946. Note that stage 2 is 23.246. |
| TS | 22.174 | Push service; Stage 1 | 6.2.0 | Rel-6 | S1 | WOLAK, Stephen | |
| TS | 22.177 | Speech-enabled services; Stage 1 | none | Rel-6 | S1 | ZARRI, Michele | Spec number reserved; production depends on results of feasibility study (22.977). |
| TS | 22.228 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | 6.4.0 | Rel-6 | S1 | CATALDO, Mark | |
| TS | 22.233 | Transparent end-to-end packet-switched streamng service; Stage 1 | 6.3.0 | Rel-6 | S1 | WOLAK, Stephen | |
| TS | 22.240 | Service requirements for 3GPP Generic User Profile (GUP); Stage 1 | 6.1.0 | Rel-6 | S1 | AMERY, Paul | Cf work item 'Generic user profile' |
| TS | 22.242 | Digital Rights Management (DRM); Stage 1 | 6.2.0 | Rel-6 | S1 | WOOD, Nicholas | SP-18: Stages 2 & 3 to be done by OMA. |
| TS | 22.243 | Speech recognition framework for automated voice services; Stage 1 | 6.4.0 | Rel-6 | S1 | WILLIAMS, David Hugh | |
| TS | 22.250 | IP Multimedia Subsystem (IMS) Group Management; Stage 1 | 6.0.0 | Rel-6 | S1 | KALLIOKULJU, Juha | |
| TS | 22.340 | IP Multimedia Subsystem (IMS) messaging; Stage 1 | 6.1.0 | Rel-6 | S1 | KALLIOKULJU, Juha | 2002-10-08: created from 22.940. |
| TR | 22.857 | Run-time independent framework feasibility study | 6.0.0 | Rel-6 | T2 | WOODWARD, Ernest | |
| TR | 22.934 | Feasibility study on 3GPP system to Wireles Local Area Network (WLAN) interworking | 6.2.0 | Rel-6 | S1 | PAINT, Frédéric | |
| TR | 22.940 | IP Multimedia Subsystem (IMS) messaging; Stage 1 | 6.0.0 | Rel-6 | S1 | KALLIOKULJU, Juha | 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact, unwithdrawn and approved! |
| TR | 22.950 | Priority service feasibility study | 6.2.0 | Rel-6 | S1 | GARRAHAN, James | Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR. |
| TR | 22.951 | Service aspects and requirements for network sharing | 6.1.0 | Rel-6 | S1 | ZARRI, Michele | |
| TR | 22.977 | Feasibility study for speech-enabled services | 6.0.0 | Rel-6 | S1 | ZARRI, Michele | |
| TS | 23.002 | Network architecture | 6.2.0 | Rel-6 | S2 | SULTAN, Alain | Transfer->TSG#4,CR at TSG#5 |
| TS | 23.003 | Numbering, Addressing and Identification | 6.0.0 | Rel-6 | N4 | RUSSELL, Nick | |
| TS | 23.011 | Technical realization of Supplementary Services | 6.0.0 | Rel-6 | N4 | CONRAD, Alan | |
| TS | 23.016 | Subscriber data management; Stage 2 | 6.0.0 | Rel-6 | N4 | WIEHE, Ulrich | |
| TS | 23.018 | Basic Call Handling; Technical realization | 6.0.0 | Rel-6 | N4 | PARK, Ian David Chalmers | |
| TS | 23.038 | Alphabets and language-specific information | 6.0.0 | Rel-6 | T2 | HARRIS, Ian | |
| TS | 23.040 | Technical realization of Short Message Service (SMS) | 6.1.0 | Rel-6 | T2 | HARRIS, Ian | |
| TS | 23.041 | Technical realization of Cell Broadcast Service (CBS) | 6.1.0 | Rel-6 | T2 | HARRIS, Ian | Transfer->TSG#4 |
| TS | 23.057 | Mobile Execution Environment (MExE); Functional description; Stage 2 | 6.2.0 | Rel-6 | T2 | BRENK, Lars | Apr-2001: " Station Application" removed from title. |
| TS | 23.060 | General Packet Radio Service (GPRS) Service description; Stage 2 | 6.2.0 | Rel-6 | S2 | ZHAO, Yilin | Transfer->TSG#4 |
| TS | 23.067 | Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 | 6.0.0 | Rel-6 | N4 | SCHMITT, Peter | |
| TS | 23.088 | Call Barring (CB) Supplementary Service; Stage 2 | 6.0.0 | Rel-6 | N4 | WIEHE, Ulrich | |
| TS | 23.127 | Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2 | 6.0.0 | Rel-6 | S2 | GOURRAUD, Christophe | Sept 00: "Open Service Architecture" removed from title. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------------|---|
| TS | 23.140 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | 6.3.0 | Rel-6 | T2 | LAUMEN, Josef | |
| TS | 23.141 | Presence service; Architecture and functional description; Stage 2 | 6.4.0 | Rel-6 | S2 | MAANSAARI, Kirsi | |
| TS | 23.207 | End-to-end Quality of Service (QoS) concept and architecture | 6.0.0 | Rel-6 | S2 | OYAMA, Johnson | |
| TS | 23.221 | Architectural requirements | 6.1.0 | Rel-6 | S2 | DANIEL, Elizabeth | Derived from R99-specific 23.121 |
| TS | 23.228 | IP Multimedia Subsystem (IMS); Stage 2 | 6.3.0 | Rel-6 | S2 | TOWLE, Thomas | |
| TS | 23.240 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | 6.1.0 | Rel-6 | S2 | UZQUIANO, Nacho | Cf work item 'Generic user profile' |
| TS | 23.246 | Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description | 6.0.0 | Rel-6 | S2 | JARVIS, Andre | Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846. |
| TS | 23.271 | Location Services (LCS); Functional description; Stage 2 | 6.5.0 | Rel-6 | S2 | KÄLL, Jan | post-TSG#8: Recombined 2G and 3G spec for R00 onwards. |
| TR | 23.841 | Presence service architecture | 6.0.0 | Rel-6 | S2 | MAANSAARI, Kirsi | |
| TR | 23.846 | Multimedia Broadcast/Multicast Service (MBMS); Stage 2 | 6.1.0 | Rel-6 | S2 | JARVIS, Andre | This is a preparatory report which may result in the creation of a stage 2 TS 23.246. |
| TR | 23.895 | Provision of UE specific behaviour information to network entities | 6.2.0 | Rel-6 | S2 | PUDNEY, Chris | |
| TS | 24.008 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | 6.2.0 | Rel-6 | N1 | HOWELL, Andrew | |
| TS | 24.011 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | 6.0.0 | Rel-6 | N1 | ANDERSEN, Niels Peter Skov | Transfer->TSG#4 |
| TS | 24.088 | Call Barring (CB) Supplementary Service; Stage 3 | 6.0.0 | Rel-6 | N4 | WIEHE, Ulrich | |
| TS | 24.229 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | 6.0.0 | Rel-6 | N1 | DRAGE, Keith | NP-14: confirmed that this is appropriate for GSM as well as UMTS. |
| TS | 25.101 | User Equipment (UE) radio transmission and reception (FDD) | 6.2.0 | Rel-6 | R4 | FERNANDES, Edgar | |
| TS | 25.104 | Base Station (BS) radio transmission and reception (FDD) | 6.3.0 | Rel-6 | R4 | SKÖLD, Johan | |
| TS | 25.133 | Requirements for support of radio resource management (FDD) | 6.3.0 | Rel-6 | R4 | GUERRINI, Claudio | |
| TS | 25.141 | Base Station (BS) conformance testing (FDD) | 6.3.0 | Rel-6 | R4 | NAKAMURA, Takaharu | |
| TS | 25.331 | Radio Resource Control (RRC) protocol specification | 6.0.0 | Rel-6 | R2 | KUCHIBHOTLA, Ravi | |
| TS | 25.401 | UTRAN overall description | 6.1.0 | Rel-6 | R3 | CALMEL, Jean-Marie | Approval at TSG#5 |
| TS | 25.450 | UTRAN Iu-CS interface general aspects and principles | 6.0.0 | Rel-6 | R3 | LIN, Ie-Hong | |
| TS | 25.452 | UTRAN Iu-CS interface: signalling transport | 6.0.0 | Rel-6 | R3 | LIN, Ie-Hong | |
| TS | 25.453 | UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling | 6.2.0 | Rel-6 | R3 | LIN, Ie-Hong | |
| TR | 25.801 | Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM) | 6.0.0 | Rel-6 | R3 | MILLER, James | |
| TR | 25.888 | Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD | 6.0.0 | Rel-6 | R1 | LI, Xiaoqiang | |
| TR | 25.889 | Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements | 6.0.0 | Rel-6 | R4 | STAHLFJALL, Peter | |
| TR | 25.942 | RF system scenarios | 6.1.0 | Rel-6 | R4 | BENABDALLAH, Nadia | Additional rapporteur = A.De Pasquale. |
| TR | 25.951 | Base Station (BS) classification (FDD) | 6.2.0 | Rel-6 | R4 | SÄYÑÄJÄKANGAS, Tuomo | |
| TR | 25.992 | Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements | 6.0.0 | Rel-6 | RP | PIRSKANEN, Juho | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|-------------|--|---------------|-------|--------|------------------------------|--|
| TR | 25.993 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | 6.3.0 | Rel-6 | R2 | FAUCONNIER, Denis | |
| TR | 25.996 | Spacial channel model for Multiple Input Multiple Output (MIMO) simulations | 6.1.0 | Rel-6 | R1 | HUANG, Howard | |
| TS | 26.093 | AMR speech Codec; Source Controlled Rate operation | 6.0.0 | Rel-6 | S4 | EKUDDEN, Erik | Transfer>TSG#4 |
| TS | 26.235 | Packet switched conversational multimedia applications; Default codecs | 6.0.0 | Rel-6 | S4 | OJALA, Pasi | |
| TS | 27.007 | AT command set for 3G User Equipment (UE) | 6.4.0 | Rel-6 | T2 | CHRISTENSEN, Soren | |
| TS | 29.002 | Mobile Application Part (MAP) specification | 6.3.0 | Rel-6 | N4 | WIEHE, Ulrich | |
| TS | 29.010 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | 6.0.0 | Rel-6 | N4 | KYMALAINEN, Kimmo | Transfer>TSG#4 (transfer??) |
| TS | 29.060 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | 6.2.0 | Rel-6 | N4 | KYMALAINEN, Kimmo | |
| TS | 29.163 | Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks | 6.0.0 | Rel-6 | N3 | SANDERS, David | |
| TS | 29.198-04-1 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions | 6.0.0 | Rel-6 | N5 | BAKKER, John-Luc | |
| TS | 29.198-04-3 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF) | 6.0.0 | Rel-6 | N5 | BAKKER, John-Luc | |
| TS | 29.198-04-4 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF) | 6.0.0 | Rel-6 | N5 | BAKKER, John-Luc | |
| TS | 29.198-06 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | 6.0.0 | Rel-6 | N5 | ABARCA, Chelo | |
| TS | 29.198-13 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF | 6.0.0 | Rel-6 | N5 | UNMEHOPA, Musa | |
| TS | 29.228 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | 6.0.0 | Rel-6 | N4 | PALLARES LÓPEZ, Miguel Angel | Additional rapporteur: Miguel-Angel Pallares-Lopez |
| TR | 29.962 | Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage | 6.1.0 | Rel-6 | N3 | BELLING, Thomas | |
| TS | 31.101 | UICC-terminal interface; Physical and logical characteristics | 6.2.0 | Rel-6 | T3 | VESTERGAARD, Peter | Contents is a reference to ETSI TR 102 221. |
| TS | 31.102 | Characteristics of the USIM application | 6.3.0 | Rel-6 | T3 | HEIM, Christian | |
| TS | 31.103 | Characteristics of the IP Multimedia Services Identity Module (ISIM) application | 6.2.0 | Rel-6 | T3 | N, A | |
| TS | 31.113 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes | 6.2.0 | Rel-6 | T3 | N, A | |
| TS | 31.115 | Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications | 6.2.0 | Rel-6 | T3 | VIALLET, Sophie | additional rapporteur: Florence Martin. |
| TS | 31.116 | Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications | 6.3.0 | Rel-6 | T3 | VIALLET, Sophie | additional rapporteur: Florence Martin |
| TS | 31.131 | C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API | 6.1.0 | Rel-6 | T3 | TON, Wim | Test spec is 34.131. |
| TS | 32.102 | Telecommunication management; Architecture | 6.0.0 | Rel-6 | S5 | BERGGREN, Tommy | |
| TS | 32.140 | Telecommunication management; Services operations management; Subscription management requirements | 6.1.0 | Rel-6 | S5 | ISLIP, John | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|-----------------------------|---|
| TS | 32.141 | Telecommunication management; Services operations management; Subscription management architecture | 6.0.0 | Rel-6 | S5 | ABA, Istvan | |
| TS | 32.401 | Telecommunication management; Performance Management (PM); Concept and requirements | 6.0.0 | Rel-6 | S5 | HÜBINETTE, Ulf | was 32.104 (pars) |
| TS | 32.403 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | 6.1.0 | Rel-6 | S5 | TOCHE, Christian | was 32.104 (pars) |
| TS | 32.411 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements | 6.1.0 | Rel-6 | S5 | HÜBINETTE, Ulf | |
| TS | 32.421 | Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements | 6.1.0 | Rel-6 | S5 | KORINEK, Frank | |
| TS | 32.661 | Telecommunication management; Configuration Management (CM); Kernel CM requirements | 6.0.0 | Rel-6 | S5 | TOVINGER, Thomas | |
| TS | 32.662 | Telecommunication management; Configuration Management (CM); Kernel CM information service | 6.0.0 | Rel-6 | S5 | TOVINGER, Thomas | |
| TS | 32.663 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 6.0.0 | Rel-6 | S5 | PAL, Tapinder | |
| TS | 32.664 | Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | 6.1.0 | Rel-6 | S5 | POLLAKOWSKI, Olaf | |
| TR | 32.815 | Telecommunication management; Charging management; On-line Charging System (OCS) architecture study | 6.0.0 | Rel-6 | S5 | NENNER, Karl-Heinz | |
| TS | 33.102 | 3G security; Security architecture | 6.0.0 | Rel-6 | S3 | BLOMMAERT, Marc | |
| TS | 33.107 | 3G security; Lawful interception architecture and functions | 6.0.0 | Rel-6 | S3 | WILHELM, Berthold | |
| TS | 33.108 | 3G security; Handover interface for Lawful Interception (LI) | 6.3.0 | Rel-6 | S3 | WILHELM, Berthold | 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de). |
| TS | 33.203 | 3G security; Access security for IP-based services | 6.0.0 | Rel-6 | S3 | BOMAN, Krister | |
| TS | 33.210 | 3G security; Network Domain Security (NDS); IP network layer security | 6.3.0 | Rel-6 | S3 | KOIEN, Geir | 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210). |
| TR | 33.810 | 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution | 6.0.0 | Rel-6 | S3 | N, A | 2002-07-22: was formerly 33.910. |
| TS | 34.131 | Test specification for C-language binding for (U)SIM API | 6.0.0 | Rel-6 | T3 | GUTHERY, Scott B. | Base spec is 31.131. |
| TS | 43.022 | Functions related to Mobile Station (MS) in idle mode and group receive mode | 6.0.0 | Rel-6 | G1 | HOWELL, Andrew | Moved from SMG3 Jan 2000. |
| TS | 43.055 | Dual Transfer Mode (DTM); Stage 2 | 6.2.0 | Rel-6 | G1 | CARRIZO MARTINEZ, Jose Luis | |
| TS | 43.059 | Functional stage 2 description of Location Services (LCS) in GERAN | 6.1.0 | Rel-6 | G1 | LIVINGSTON, Margaret | |
| TS | 43.064 | Overall description of the GPRS radio interface; Stage 2 | 6.1.0 | Rel-6 | G1 | LEPPISAARI, Arto | |
| TS | 43.068 | Voice Group Call Service (VGCS); Stage 2 | 6.0.0 | Rel-6 | N1 | GARAPATY, Sonia | |
| TS | 44.003 | Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities | 6.0.0 | Rel-6 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 44.014 | Individual equipment type requirements and interworking; Special conformance testing functions | 6.0.0 | Rel-6 | G2 | HOWELL, Andrew | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|----------------------------|--|
| TS | 44.018 | Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol | 6.4.1 | Rel-6 | G2 | HOWELL, Andrew | |
| TS | 44.031 | Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) | 6.1.0 | Rel-6 | G2 | GARAPATY, Sonia | |
| TS | 44.060 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol | 6.4.0 | Rel-6 | G2 | BLACK, Jyoti | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol |
| TS | 44.065 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP) | 6.1.0 | Rel-6 | N1 | DOIG, Ian | 24.065 existed, but scrapped since 04.65 is GSM only. |
| TS | 44.160 | General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode | 6.1.0 | Rel-6 | G2 | N, A | Created GP-08; see GP-020483. 2002-07-18: G1->G2. |
| TS | 45.001 | Physical layer on the radio path; General description | 6.1.0 | Rel-6 | G1 | JOKINEN, Harri | |
| TS | 45.002 | Multiplexing and multiple access on the radio path | 6.3.0 | Rel-6 | G1 | SÉBIRE, Benoist | |
| TS | 45.003 | Channel coding | 6.0.0 | Rel-6 | G1 | SÉBIRE, Benoist | |
| TS | 45.005 | Radio transmission and reception | 6.3.0 | Rel-6 | G1 | SAMUELSSON, Mats | |
| TS | 45.008 | Radio subsystem link control | 6.4.0 | Rel-6 | G1 | EL-SAIGH, Amer | |
| TS | 45.010 | Radio subsystem synchronization | 6.2.0 | Rel-6 | G1 | JOKINEN, Harri | |
| TR | 45.050 | Background for RF Requirements | 6.0.0 | Rel-6 | G1 | ANDERSEN, Niels Peter Skov | |
| TR | 45.811 | Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS | 6.0.0 | Rel-6 | G1 | GROSS, Robert | Renumbered from 41.811. |
| TR | 45.902 | Flexible layer 1 | 6.2.0 | Rel-6 | G1 | SÉBIRE, Benoist | |
| TS | 48.008 | Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification | 6.3.0 | Rel-6 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.018 | General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol | 6.2.0 | Rel-6 | G2 | BLACK, Jyoti | |
| TS | 48.058 | Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification | 6.0.0 | Rel-6 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 48.071 | Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification | 6.2.0 | Rel-6 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 49.031 | Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) | 6.0.0 | Rel-6 | G2 | ANDERSEN, Niels Peter Skov | |
| TS | 55.205 | Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8 | 6.0.0 | Rel-6 | S3 | WALKER, Michael | Not subject to export control. |
| TS | 55.216 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification | 6.2.0 | Rel-6 | S3 | N, A | 2003-09-30: Note: document only available with French export licence. |
| TS | 55.217 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data | 6.1.0 | Rel-6 | S3 | N, A | 2003-09-30: Note: document only available with French export licence. |
| TS | 55.218 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data | 6.1.0 | Rel-6 | S3 | N, A | 2003-09-30: Note: document only available with French export licence. |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------|---|
| TR | 55.919 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report | 6.1.0 | Rel-6 | S3 | N, A | 2003-09-30: Note: document only available with French export licence. |

D.6 Other 3GPP Specifications and reports to be allocated to (or identified for) Release 6 (TBC)

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------|--|
| TS | 21.101 | Technical Specifications and Technical Reports for a UTRAN-based 3GPP system | none | Rel-6 | SP | MEREDITH, John M | 2003-05: Title changed from "3rd Generation mobile system Release 1999 Specifications". |
| TR | 21.877 | Radio optimization impacts on the Packet Switched (PS) domain architecture | 0.7.0 | Rel-6 | S2 | LAUTIER, Laurence | |
| TS | 22.246 | Multimedia Broadcast/Multicast Service (MBMS) teleservice requirements | 1.0.0 | Rel-6 | S1 | CURCIO, Igor | SP-20: WID = SP-030347. |
| TR | 22.800 | IP Multimedia Subsystem (IMS) subscription and access scenarios | 2.0.0 | Rel-6 | S1 | FRANK, Robert | |
| TR | 22.949 | Study on a generalized privacy capability | 0.3.0 | Rel-6 | S1 | GARRAHAN, James | WI: PrivCap. |
| TR | 22.952 | Priority service guide | 1.0.0 | Rel-6 | S1 | GARRAHAN, James | Work item = PRIOR. |
| TS | 23.174 | Push service; stage 2 | none | Rel-6 | S2 | WOLAK, Stephen | Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ...". |
| TS | 23.209 | Policy control over Gq interface | none | Rel-6 | N3 | SILLANPÄÄ, Anna | WI = IMS Phase 2 (UID 32021) |
| TS | 23.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; System description | 2.0.0 | Rel-6 | S2 | YOON, Sang-Ui | |
| TS | 23.241 | 3GPP Generic User Profile (GUP) ; Stage 2; Data description method | 0.4.3 | Rel-6 | T2 | BISCHINGER, Kurt | Cf work item 'Generic user profile' |
| TR | 23.825 | Overall architecture aspects of IP flow based bearer level charging; Stage 2 | 1.0.0 | Rel-6 | S2 | WILLIAMS, Brian | |
| TR | 23.835 | Study into applicability of Galileo in Location Services (LCS) | 1.0.0 | Rel-6 | S2 | DAMIDAUX, Jean-louis | WID contained in S2-022472. See also http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html . |
| TS | 23.851 | Network sharing; Architecture and functional description | 1.0.0 | Rel-6 | S2 | NILSSON, Ulf | |
| TR | 23.864 | Commonality and interoperability between IP Multimedia System (IMS) core networks | 0.6.0 | Rel-6 | S2 | BERTENYI, Balazs | Was briefly 23.964. |
| TR | 23.867 | Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions | 0.4.0 | Rel-6 | S2 | POIKSELKA, Miikka | 2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060 and 23.228. |
| TR | 23.877 | Architectural aspects of speech-enabled services | 0.0.0 | Rel-6 | S2 | N, A | WID = SP-030305. |
| TR | 23.878 | Impacts of speech-enabled services on IMS, PS and CS domains | none | Rel-6 | S2 | XUAN, Qing | SP-31: WI = SP-030539 |
| TR | 23.881 | Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations | none | Rel-6 | S2 | MILINSKI, Alexander | SP-21: WI = SP-030385 |
| TR | 23.917 | Dynamic policy control enhancements for End to end Quality of Service (QoS) | 1.0.0 | Rel-6 | S2 | MOUSSET, Claire | Work Item: SP-020140 |
| TR | 23.934 | 3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition | 1.0.0 | Rel-6 | S2 | PAINT, Frédéric | |
| TR | 23.976 | Push architecture | 1.0.0 | Rel-6 | S2 | ALFANO, Nicholas | 2003-02-04: 23.876 -> 23.976 |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|---------------------|---|
| TR | 23.977 | Bandwidth and resource savings and speech enhancements for Circuit Switched (CS) networks | 0.2.0 | Rel-6 | S2 | SEISER, Franz | Work Item: Bandwidth and Resource savings and Speech enhancements for CS networks (S2-032137) |
| TR | 23.979 | 3GPP enablers for Push-to-taks over Cellular (PoC) | none | Rel-6 | S2 | SULTANA, Shabnam | SP-21: WI = SP-030540 |
| TS | 24.141 | Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | 0.1.0 | Rel-6 | N1 | DRAGE, Keith | WI = PRSNC (UID 2499) |
| TS | 24.147 | Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | 0.1.0 | Rel-6 | N1 | MAYER, Georg | 2003-06: WID is NP-030286 = IMS-CCR-E |
| TS | 24.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols | 0.1.0 | Rel-6 | N1 | CARRIÓN, Inmaculada | |
| TS | 24.241 | 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects | 0.4.3 | Rel-6 | T2 | HOLOUBEK, Kevin J. | Cf work item 'Generic user profile" - may be renumbered to 27.241 |
| TS | 24.247 | Messaging using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 | 0.0.0 | Rel-6 | N1 | MAYER, Georg | 2003-06: WID is NP-030286 = IMS-CCR-E |
| TR | 24.841 | Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details | 1.1.1 | Rel-6 | N1 | DRAGE, Keith | |
| TS | 25.346 | Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN) | 2.1.0 | Rel-6 | R2 | PIRSKANEN, Juho | |
| TR | 25.802 | Remote control of electrical tilting antennas) | none | Rel-6 | R3 | HAUSER, Andreas | RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a xx.8xx number instead. 2003-05-12: 25.802 reserved as well as 25.997. One or other of these numbers will be used, the other returned to the pool. TP-20: This one is confirmed |
| TR | 25.803 | S-CCPCH performance for MBMS | 1.0.0 | Rel-6 | R1 | MALLADI, Durga | |
| TR | 25.804 | Feasibility study on uplink enhancements for UTRA TDD | 0.0.1 | Rel-6 | R1 | RUDOLF, Marian | 2003-09-04: anticipated approval at RP-223. WI = RInImp-FSUpEnhTDD. |
| TR | 25.805 | DS-CDMA introduction in the 800 MHz band | none | Rel-6 | R4 | NAKAMURA, Takehiro | WI = RInImp-UMTS800 (UID 24009) |
| TR | 25.806 | UMTS 1700/2100MHz and UMTS 850MHz Work Items | none | Rel-6 | R4 | NUMMINEN, Jussi | WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010) |
| TR | 25.852 | Iu enhancements for IMS support in UTRAN | 0.0.0 | Rel-6 | R3 | DIESEN, Michael | 2003-09-08: Title changed from "Radio access bearer support enhancements for the Iu". |
| TR | 25.869 | Transmitter diversity solutions for multiple antennas | 1.2.0 | Rel-6 | R1 | KIM, Sung-Jin | |
| TR | 25.887 | Beamforming | none | Rel-6 | R1 | KAHTAVA, Jussi | |
| TR | 25.891 | Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5 | 0.3.0 | Rel-6 | R3 | HWANG, Woonhee | |
| TR | 25.892 | Feasibility study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement | 0.3.1 | Rel-6 | R1 | BOUMENDIL, Sarah | |
| TR | 25.894 | Enhanced UE positioning using software blanking | none | Rel-6 | R2 | BARTLETT, David | |
| TR | 25.895 | Analysis of higher chip rates for UTRA TDD evolution | 1.2.0 | Rel-6 | R1 | BEALE, Martin | |
| TR | 25.896 | Uplink enhancements for dedicated transport channels | 1.0.0 | Rel-6 | R1 | RANTA-AHO, Karri | |
| TR | 25.897 | Feasibility study on the evolution of UTRAN architecture | 0.2.1 | Rel-6 | R3 | KEKKI, Sami | |
| TR | 25.898 | Power control enhancements for UTRA | 0.1.0 | Rel-6 | R1 | MITRA, Diptendu | |
| TR | 25.899 | HSDPA enhancements | none | Rel-6 | R1 | FUKUI, Noriyuki | |
| TR | 25.901 | Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects | 0.1.1 | Rel-6 | R3 | HALL, Edward | WI UID 23011. See also 44.901. |
| TS | 26.141 | IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs | none | Rel-6 | S4 | HONKO, Harri | WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045. |
| TS | 26.234 | Transparent end-to-end streaming service; Protocols and codecs | none | Rel-6 | S4 | FRANCESCHI, Olle | |
| TS | 26.244 | Transparent end-to-end streaming service; 3GPP file format (3GP) | 0.2.5 | Rel-6 | S4 | FRANCESCHI, Olle | |
| TS | 26.245 | Transparent end-to-end streaming service; Timed text format | 0.1.6 | Rel-6 | S4 | FRANCESCHI, Olle | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|----------------------------|---|
| TS | 26.246 | Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile | 0.0.3 | Rel-6 | S4 | GRASSEL, Guido | Created S4-25bis. See S4-030135. |
| TS | 26.346 | Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs | 0.1.0 | Rel-6 | S4 | SZELAZEK, Bill | WI = "Multimedia Broadcast and Multicast Service" UID 2544. |
| TS | 29.109 | Bootstrapping and subscriber certificates; Diameter protocols; Stage 3 | none | Rel-6 | N4 | LAITINEN, Lauri | WI = SEC1-SC (UID 33002) |
| TS | 29.162 | Interworking between the IM CN subsystem and IP networks | none | Rel-6 | N3 | HOLLAND, Nigel | |
| TS | 29.199 | Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA | none | Rel-6 | N5 | VAN RIJSSEN, Erwin | |
| TS | 29.200 | Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface | none | Rel-6 | N4 | JANSSON, Jari | Work item description in N4-021258. |
| TS | 29.209 | Policy control over Gq interface | 0.0.1 | Rel-6 | N3 | N, A | |
| TS | 29.234 | 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 | 1.0.0 | Rel-6 | N4 | RODRIGUEZ, Raquel | Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking", see N4-030221 (né N4-030157) |
| TS | 29.240 | Generic User Profile (GUP); Stage 3; Network | none | Rel-6 | N4 | KYMALAINEN, Kimmo | Cf work item "Generic user profile" - may be renumbered to 27.241 |
| TS | 29.332 | Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3 | none | Rel-6 | N4 | SCHMITT, Peter | 2002-05-30: Created in response to proposed new WI in N4-020773. |
| TS | 29.333 | Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 | none | Rel-6 | N4 | SANDERS, David | |
| TR | 29.846 | Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description | 0.2.0 | Rel-6 | N1 | HOBBS, Kevan | |
| TR | 29.847 | Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details | 1.0.0 | Rel-6 | N1 | MAYER, Georg | |
| TR | 29.994 | Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults | none | Rel-6 | N1 | ANDERSEN, Niels Peter Skov | 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest Release version. |
| TR | 30.531 | Work Plan and Study Items - RAN WG3 | 0.9.3 | Rel-6 | R3 | KRAUSE, Joern | |
| TS | 31.114 | Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration | none | Rel-6 | T3 | MEYER, Michael | |
| TS | 31.130 | (U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM) | 1.0.0 | Rel-6 | T3 | JOLIVET, Paul | |
| TR | 31.919 | 2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking | 1.0.0 | Rel-6 | T3 | ANDRAU, Stéphane | WI UID = 43005. |
| TS | 32.150 | Telecommunication management; Integration Reference Point (IRP): Introduction and definitions | none | Rel-6 | S5 | TOVINGER, Thomas | Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed from "Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". |
| TS | 32.171 | Service operations management; Subscription management resources Integration Reference Point (IRP); Requirements | 0.1.0 | Rel-6 | S5 | ABA, Istvan | |
| TS | 32.172 | Service operations management; Subscription management resources Integration Reference Point (IRP); Network resources model | 0.2.0 | Rel-6 | S5 | ABA, Istvan | |
| TS | 32.240 | Telecommunication management; Charging management; Charging architecture and principles | none | Rel-6 | S5 | GOERMER, Gerald | |
| TS | 32.250 | Telecommunication management; Charging management; Circuit Switched (CS) domain charging | none | Rel-6 | S5 | NENNER, Karl-Heinz | |
| TS | 32.251 | Telecommunication management; Charging management; Packet Switched (PS) domain charging | 1.0.0 | Rel-6 | S5 | RICHARDS, Christopher | SP-21: WI = charging management for the bearer level |
| TS | 32.252 | Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging | none | Rel-6 | S5 | NENNER, Karl-Heinz | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-----------------------|---|
| TS | 32.260 | Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging | none | Rel-6 | S5 | TEPPO, Patrik | |
| TS | 32.270 | Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging | 1.0.0 | Rel-6 | S5 | GOERMER, Gerald | |
| TS | 32.271 | Telecommunication management; Charging management; Location Services (LCS) charging | 1.0.0 | Rel-6 | S5 | BIBAS, Alain | |
| TS | 32.296 | Telecommunication management; Charging management; On-line Charging System (OCS): Applications and interfaces | none | Rel-6 | S5 | BROWN, Yishai | WID = CH (SP-030047) |
| TS | 32.297 | Telecommunication management; Charging management; Charging Data Records (CDR) file format and transfer | 1.0.0 | Rel-6 | S5 | RICHARDS, Christopher | 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging interface description to the billing domain". |
| TS | 32.298 | Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description | 1.0.0 | Rel-6 | S5 | NENNER, Karl-Heinz | |
| TS | 32.299 | Telecommunication management; Charging management; Diameter charging application | none | Rel-6 | S5 | TEPPO, Patrik | 2003-08-18: Title changed from "Telecommunication management; Charging management; Charging protocol description". |
| TS | 32.331 | Telecommunication management; Notification log Integration Reference Point (IRP): Requirements | none | Rel-6 | S5 | SCHMIDT, Joerg | |
| TS | 32.332 | Telecommunication management; Notification log Integration Reference Point (IRP): Information service | none | Rel-6 | S5 | SCHMIDT, Joerg | |
| TS | 32.333 | Telecommunication management; Notification log Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | RAYMER, David | |
| TS | 32.334 | Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | POLLAKOWSKI, Olaf | |
| TS | 32.341 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements | 1.0.0 | Rel-6 | S5 | SCHMIDT, Joerg | |
| TS | 32.342 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information service | none | Rel-6 | S5 | SCHMIDT, Joerg | |
| TS | 32.343 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | RAYMER, David | |
| TS | 32.344 | Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | SUERBAUM, Clemens | |
| TS | 32.350 | Telecommunication management; Communication Surveillance (CS) requirements | 1.0.0 | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.351 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements | none | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.352 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information service | none | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.353 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|------------------|--------------------------|
| TS | 32.354 | Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.361 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements | 1.0.0 | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.362 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information service | 1.0.0 | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.363 | Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | 1.0.0 | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.364 | Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | LI, Yewen | WI = OAM-NIM (UID 35014) |
| TS | 32.371 | Security Management Integration Reference Point (IRP): Requirements | none | Rel-6 | S5 | YANG, Li | WI = OAM-AR (UID 35011) |
| TS | 32.372 | Security Management Integration Reference Point (IRP): Information service | none | Rel-6 | S5 | YANG, Li | WI = OAM-AR (UID 35011) |
| TS | 32.373 | Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | YANG, Li | WI = OAM-AR (UID 35011) |
| TS | 32.374 | Security Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | YANG, Li | WI = OAM-AR (UID 35011) |
| TS | 32.412 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information service | 1.1.0 | Rel-6 | S5 | TOCHE, Christian | |
| TS | 32.413 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | TOCHE, Christian | |
| TS | 32.414 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | TOCHE, Christian | |
| TS | 32.422 | Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management | none | Rel-6 | S5 | RAO, Mohan | |
| TS | 32.423 | Telecommunication management; Subscriber and equipment trace: Trace data definition and management | none | Rel-6 | S5 | TOCHE, Christian | |
| TS | 32.681 | Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements | 1.0.0 | Rel-6 | S5 | PAL, Tapinder | |
| TS | 32.682 | Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Information service | none | Rel-6 | S5 | PAL, Tapinder | |
| TS | 32.683 | Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | PAL, Tapinder | |
| TS | 32.684 | Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | PAL, Tapinder | |

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|--|---------------|-------|--------|--------------------|---|
| TS | 32.695 | Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | 1.0.0 | Rel-6 | S5 | N, A | |
| TS | 32.711 | Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements | 1.0.0 | Rel-6 | S5 | PAL, Tapinder | WI = OAM-NIM (UID 35014) |
| TS | 32.712 | Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service | 1.0.0 | Rel-6 | S5 | PAL, Tapinder | WI = OAM-NIM (UID 35014) |
| TS | 32.713 | Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | none | Rel-6 | S5 | PAL, Tapinder | WI = OAM-NIM (UID 35014) |
| TS | 32.714 | Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | none | Rel-6 | S5 | PAL, Tapinder | WI = OAM-NIM (UID 35014) |
| TS | 32.715 | Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | none | Rel-6 | S5 | PAL, Tapinder | WI = OAM-NIM (UID 35014) |
| TS | 33.109 | Bootstrapping of application security using AKA and support for subscriber certificates; System description | 0.3.0 | Rel-6 | S3 | HAUKKA, Tao | WI = SEC1-SC (UID 33002) |
| TS | 33.234 | 3G security; Wireless Local Area Network (WLAN) interworking security | 0.6.0 | Rel-6 | S3 | LOPEZ SORIA, Luis | |
| TS | 33.246 | 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS) | 0.2.0 | Rel-6 | S3 | ESCOTT, Adrian | |
| TS | 33.310 | Network domain security; Authentication framework (NDS/AF) | none | Rel-6 | S3 | VIITANEN, Tommi | |
| TR | 33.917 | (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces | 0.6.0 | Rel-6 | S3 | YAQUB, Raziq | Original WID = SP-030341. |
| TR | 33.941 | Presence service; Security | 0.5.0 | Rel-6 | S3 | BOMAN, Krister | |
| TS | 41.101 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | none | Rel-6 | SP | MEREDITH, John M | |
| TS | 43.246 | Multimedia Broadcast/Multicast Service (MBMS) in GERAN; Stage 2 | 0.6.0 | Rel-6 | G2 | EDWIN, Diana | 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to existing GERAN protocol specs. |
| TR | 44.933 | Seamless support of streaming services in GERAN A/Gb mode | 1.3.0 | Rel-6 | G2 | GESSNER, Christina | Work item = SSSStrea. |
| TR | 50.099 | GERAN project plan and open issues | 0.1.6 | Rel-6 | GP | BLADSJO, David | 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6. |
| TS | 51.021 | GSM radio aspects base station system equipment specification | 6.1.0 | Rel-6 | G1 | BUSIN, Ake | |
| TS | 52.008 | Telecommunication management; GSM subscriber and equipment trace | 0.1.2 | Rel-6 | S5 | RONKA, Kari | |

D.7 Other 3GPP Specifications and reports to be allocated to (or identified for) Release 7 (TBC)

| Type | Number | Title | Ver at TSG#20 | Rel | TSG/WG | Editor | Comment |
|------|--------|---|---------------|-------|--------|-----------|---|
| TR | 34.902 | Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests | none | Rel-7 | T1 | ROSE, Ian | TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004. |

Annex E: List of Change Requests and their status after TSG SA Meeting #21

E.1 CRs from SA WG1

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|---------|
| SP-030456 | 21.905 | 051 | - | 5.7.0 | Rel-5 | Correction of the Defintion of CDR | approved | F | 5.8.0 | Vocabulary for 3GPP Specifications | OAM-CH |
| SP-030456 | 21.905 | 052 | - | 6.3.0 | Rel-6 | Correction of the Defintion of CDR | approved | A | 6.4.0 | Vocabulary for 3GPP Specifications | OAM-CH |
| SP-030461 | 22.038 | 014 | - | 6.0.0 | Rel-6 | MMS support by the USIM Application Toolkit | approved | B | 6.1.0 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | MMS-R6 |
| SP-030464 | 22.041 | 010 | - | 6.0.0 | Rel-6 | WLAN access point terminology clarified | approved | C | 6.1.0 | Operator Determined Call Barring | ODB |
| SP-030464 | 22.041 | 011 | - | 6.0.0 | Rel-6 | ODB in VPLMN for WLAN user | approved | B | 6.1.0 | Operator Determined Call Barring | ODB |
| SP-030455 | 22.071 | 054 | - | 4.4.1 | Rel-4 | Correction of requirements on the identity format of LCS clients | approved | F | 4.5.0 | Location Services (LCS); Stage 1 | TEI |
| SP-030455 | 22.071 | 055 | - | 5.1.1 | Rel-5 | Correction of requirements on the identity format of LCS clients | approved | A | 5.2.0 | Location Services (LCS); Stage 1 | TEI |
| SP-030455 | 22.071 | 056 | - | 6.4.0 | Rel-6 | Correction of requirements on the identity format of LCS clients | approved | A | 6.5.0 | Location Services (LCS); Stage 1 | TEI |
| SP-030459 | 22.071 | 057 | - | 6.4.0 | Rel-6 | Clarification of Mobile Originating Location | approved | C | 6.5.0 | Location Services (LCS); Stage 1 | TEI6 |
| SP-030459 | 22.071 | 058 | - | 6.4.0 | Rel-6 | A requirement of authentication to the Target UE user | approved | B | 6.5.0 | Location Services (LCS); Stage 1 | LCS |
| SP-030459 | 22.071 | 059 | - | 6.4.0 | Rel-6 | Introduction of LCS QoS Classes | approved | B | 6.5.0 | Location Services (LCS); Stage 1 | LCS2 |
| SP-030462 | 22.078 | 160 | - | 6.1.0 | Rel-6 | Criteria for "change of position" procedures | approved | F | 6.2.0 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | TEI_6 |
| SP-030458 | 22.078 | 161 | - | 5.10.0 | Rel-5 | Alignment of stage 1 with stage 2 & stage 3 | approved | F | 5.11.0 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | CAMEL 4 |
| SP-030457 | 22.101 | 127 | - | 5.10.0 | Rel-5 | Clarification on USIM-based access to IMS | approved | F | 5.11.0 | Service aspects; Service principles | IMS |
| SP-030457 | 22.101 | 128 | - | 6.4.0 | Rel-6 | Clarification on USIM-based access to IMS | approved | A | 6.5.0 | Service aspects; Service principles | IMS |
| SP-030492 | 22.101 | 129 | - | 3.14.0 | R99 | Modification of emergency number identification rules in 22.101 R99 | approved | F | 3.15.0 | Service aspects; Service principles | EMC1 |
| SP-030492 | 22.101 | 130 | - | 4.7.0 | Rel-4 | Modification of emergency number identification rules in 22.101 Rel-4 | approved | A | 4.8.0 | Service aspects; Service principles | EMC1 |
| SP-030492 | 22.101 | 131 | - | 5.10.0 | Rel-5 | Modification of emergency number identification rules in 22.101 Rel-5 | approved | A | 5.11.0 | Service aspects; Service principles | EMC1 |
| SP-030492 | 22.101 | 132 | - | 6.4.0 | Rel-6 | Cleanup and modifications on identification of emergency numbers in 22.101 Rel-6 | approved | C | 6.5.0 | Service aspects; Service principles | EMC1 |
| SP-030533 | 22.101 | 133 | - | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | approved | F | 5.11.0 | Service aspects; Service principles | TEI5 |
| SP-030514 | 22.101 | 133 | - | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | revised | F | | Service aspects; Service principles | TEI5 |
| SP-030543 | 22.101 | 133 | 2 | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | rejected | F | | Service aspects; Service principles | TEI5 |
| SP-030515 | 22.101 | 134 | - | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 5 | revised | A | | Service aspects; Service principles | TEI5 |
| SP-030534 | 22.101 | 134 | - | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 5 | approved | A | 6.5.0 | Service aspects; Service principles | TEI5 |
| SP-030544 | 22.101 | 134 | 2 | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 6 | rejected | A | | Service aspects; Service principles | TEI5 |
| SP-030399 | 22.101 | 135 | - | 6.4.0 | Rel-6 | Clarification of emergency call requirements | revised | C | | Service aspects; Service principles | EMC1 |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|--------|
| SP-030517 | 22.101 | 135 | 1 | 6.4.0 | Rel-6 | Clarification of emergency call requirements | rejected | C | | Service aspects; Service principles | EMC1 |
| SP-030467 | 22.115 | 014 | - | 6.1.0 | Rel-6 | Alignment of 22.115 with 21.801 | approved | D | 6.2.0 | Service Aspects Charging and billing | TEI 6 |
| SP-030467 | 22.115 | 015 | - | 6.1.0 | Rel-6 | CS interconnection requirement for the identification of user data rate and user protocol at the interconnection point for charging purposes | approved | B | 6.2.0 | Service Aspects Charging and billing | TEI-6 |
| SP-030460 | 22.140 | 035 | - | 6.2.0 | Rel-6 | Management of Hyperlinks with MMS | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS |
| SP-030461 | 22.140 | 036 | - | 6.2.0 | Rel-6 | MM storage in the USIM | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 |
| SP-030550 | 22.140 | 036 | 1 | 6.2.0 | Rel-6 | MM storage in the USIM | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 |
| SP-030552 | 22.140 | 036 | 2 | 6.2.0 | Rel-6 | MM storage in the USIM | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 |
| SP-030460 | 22.140 | 037 | - | 6.2.0 | Rel-6 | Conditional delivery behaviour | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS6 |
| SP-030542 | 22.140 | 037 | 1 | 6.2.0 | Rel-6 | Conditional delivery behaviour | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS |
| SP-030551 | 22.140 | 038 | - | 6.2.0 | Rel-6 | UICC interaction with MMS clients | postponed | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 |
| SP-030465 | 22.228 | 021 | - | 6.3.0 | Rel-6 | Clarification on the meaning of Access Independence | approved | F | 6.4.0 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | IMS |
| SP-030466 | 22.233 | 011 | - | 6.2.0 | Rel-6 | Removal of content cache information in PSS architecture | approved | C | 6.3.0 | Transparent end-to-end packet-switched streaming service; Stage 1 | PSS |
| SP-030466 | 22.233 | 012 | - | 6.2.0 | Rel-6 | Reliable delivery mechanism | approved | C | 6.3.0 | Transparent end-to-end packet-switched streaming service; Stage 1 | PSS |
| SP-030469 | 22.240 | 001 | - | 6.0.0 | Rel-6 | Clarifications for section 7 of 22.240 | approved | F | 6.1.0 | Service requirements for 3GPP Generic User Profile (GUP); Stage 1 | GUP |
| SP-030468 | 22.243 | 007 | - | 6.3.0 | Rel-6 | Reconstructed speech as an output mechanism | approved | B | 6.4.0 | Speech recognition framework for automated voice services; Stage 1 | SRSES |
| SP-030463 | 22.934 | 003 | - | 6.1.0 | Rel-6 | Deletion of Software SIM concept | approved | C | 6.2.0 | Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking | WLAN |
| SP-030463 | 22.934 | 004 | - | 6.1.0 | Rel-6 | Service Capability Interworking | approved | C | 6.2.0 | Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking | WLAN |

E.2 CRs from SA WG2

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--------------------------|------------|-----|-------------|----------------------|------------|
| SP-030374 | 23.002 | 133 | 1 | 5.11.0 | Rel-5 | Use of Security Gateways | revised | F | | Network architecture | SEC-NDS-IP |
| SP-030521 | 23.002 | 133 | 1 | 5.11.0 | Rel-5 | Use of Security Gateways | approved | F | 5.12.0 | Network architecture | SEC-NDS-IP |
| SP-030374 | 23.002 | 134 | 2 | 6.1.0 | Rel-6 | Use of Security Gateways | revised | A | | Network architecture | SEC-NDS-IP |
| SP-030521 | 23.002 | 134 | 2 | 6.1.0 | Rel-6 | Use of Security Gateways | approved | A | 6.2.0 | Network architecture | SEC-NDS-IP |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|----------|
| SP-030375 | 23.060 | 442 | 5 | 6.1.0 | Rel-6 | Controlling compression performed at the SGSN. | approved | B | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 |
| SP-030375 | 23.060 | 444 | 3 | 3.15.0 | R99 | CR on "paging/out of service" issue | rejected | F | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI |
| SP-030375 | 23.060 | 450 | 3 | 6.1.0 | Rel-6 | Usage of Allocation/Retention Priority in the BSS | approved | B | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 |
| SP-030375 | 23.060 | 455 | 1 | 6.1.0 | Rel-6 | BSS initiated BSS packet flow context deletion | approved | C | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 |
| SP-030375 | 23.060 | 456 | - | 6.1.0 | Rel-6 | Preservation procedure for realtime bearers in A/Gb mode | approved | A | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 |
| SP-030375 | 23.060 | 459 | - | 4.8.0 | Rel-4 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI |
| SP-030375 | 23.060 | 460 | - | 5.6.0 | Rel-5 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI |
| SP-030375 | 23.060 | 461 | - | 6.1.0 | Rel-6 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI |
| SP-030376 | 23.107 | 139 | 1 | 5.9.0 | Rel-5 | Support the maximum bit rate for HSDPA | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | HSDPA |
| SP-030376 | 23.107 | 141 | 1 | 5.9.0 | Rel-5 | Correction to RAB service attributes table | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | E2EQoS |
| SP-030376 | 23.107 | 142 | 2 | 5.9.0 | Rel-5 | Priority of signaling PDP | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | TEI5 |
| SP-030398 | 23.141 | 057 | - | 6.3.0 | Rel-6 | Pc and Pg Interfaces, Presence information | revised | F | | Presence service; Architecture and functional description; Stage 2 | PRESN C |
| SP-030541 | 23.141 | 057 | 1 | 6.3.0 | Rel-6 | Pc and Pg Interfaces, Presence information | approved | F | 6.4.0 | Presence service; Architecture and functional description; Stage 2 | PRESN C |
| SP-030377 | 23.195 | 001 | 3 | 5.0.0 | Rel-5 | Iu mode correction | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE_U E |
| SP-030377 | 23.195 | 002 | 2 | 5.0.0 | Rel-5 | Clean up of diagrams | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE_U E |
| SP-030377 | 23.195 | 003 | 2 | 5.0.0 | Rel-5 | Additional text for section 6 on (physical) location of FIB function | approved | C | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE_U E |
| SP-030377 | 23.195 | 004 | 1 | 5.0.0 | Rel-5 | Roll out issue for RANAP-BSSMAP interworking | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE_U E |
| SP-030378 | 23.207 | 060 | 1 | 5.8.0 | Rel-6 | Functional additions for the Gq interface | approved | B | 6.0.0 | End-to-end Quality of Service (QoS) concept and architecture | QoS1 |
| SP-030379 | 23.221 | 040 | 1 | 5.7.0 | Rel-5 | Combination of service domains | approved | F | 5.8.0 | Architectural requirements | IMS |
| SP-030379 | 23.221 | 041 | - | 6.0.0 | Rel-6 | Combination of service domains | approved | A | 6.1.0 | Architectural requirements | IMS |
| SP-030380 | 23.228 | 320 | 1 | 6.2.0 | Rel-6 | Immediate IMS Messaging to multiple recipients | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 321 | 1 | 6.2.0 | Rel-6 | Some service aspects of IMS messaging | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 322 | 1 | 6.2.0 | Rel-6 | Session-based IMS messaging | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 324 | 1 | 6.2.0 | Rel-6 | Mobile-initiated Hold and Resume of a Mobile-PSTN Session | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 325 | 1 | 6.2.0 | Rel-6 | Subscription to information changes in e.g. AS or S-CSCF | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 326 | 1 | 6.2.0 | Rel-6 | Refreshing sessions | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|----------|
| SP-030380 | 23.228 | 329 | 1 | 6.2.0 | Rel-6 | IMS corrections | approved | A | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030380 | 23.228 | 330 | - | 5.9.0 | Rel-5 | IMS corrections | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030380 | 23.228 | 331 | 2 | 6.2.0 | Rel-6 | IP version interworking | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 336 | 1 | 6.2.0 | Rel-6 | SIP-IMS IWF | revised | B | | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030358 | 23.228 | 336 | 2 | 6.2.0 | Rel-6 | SIP-IMS IWF | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 337 | 2 | 5.9.0 | Rel-5 | SIP-IMS IWF | revised | F | | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030358 | 23.228 | 337 | 3 | 5.9.0 | Rel-5 | SIP-IMS IWF | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030380 | 23.228 | 340 | 2 | 6.2.0 | Rel-6 | Originating routing from ASs on behalf of PSIs | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 342 | - | 6.2.0 | Rel-6 | Signalling Path for Session Termination Procedures | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 343 | - | 6.2.0 | Rel-6 | Correction of cross references in Annex E | approved | D | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-COOP |
| SP-030380 | 23.228 | 346 | 2 | 5.9.0 | Rel-5 | UE in a visited Network with a P-CSCF located in the Home network | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS |
| SP-030380 | 23.228 | 348 | - | 5.9.0 | Rel-5 | Correction to Network initiated session release | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030380 | 23.228 | 349 | - | 6.2.0 | Rel-6 | Correction to Network initiated session release | approved | A | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR |
| SP-030380 | 23.228 | 350 | 2 | 6.2.0 | Rel-6 | PSI configuration in the HSS | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030380 | 23.228 | 351 | 2 | 6.2.0 | Rel-6 | PSI configuration and routing | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 |
| SP-030381 | 23.240 | 001 | 1 | 6.0.0 | Rel-6 | Rg reference point compliance with Liberty Alliance Project ID-WSF | approved | B | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP |
| SP-030381 | 23.240 | 002 | 1 | 6.0.0 | Rel-6 | Introduction of discovery service | approved | B | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP |
| SP-030381 | 23.240 | 003 | 1 | 6.0.0 | Rel-6 | Corrections to Rg reference point descriptions | approved | F | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP |
| SP-030381 | 23.240 | 004 | 1 | 6.0.0 | Rel-6 | Removal of GMLC as example | approved | F | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP |
| SP-030382 | 23.271 | 187 | 3 | 6.4.0 | Rel-6 | Positioning of CS emergency service calls | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 190 | 2 | 6.4.0 | Rel-6 | Clearing editorial and other notes | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 193 | 1 | 6.4.0 | Rel-6 | The additional parameter validity time of the location request sent to the UE | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 194 | 1 | 6.4.0 | Rel-6 | Additional response message from LCS Client to GMLC in MO-LR procedure | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 196 | 1 | 6.4.0 | Rel-6 | Update of reference to OMA MLP specification | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 197 | 1 | 6.4.0 | Rel-6 | Pseudonym address and emergency identification | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 198 | 3 | 6.4.0 | Rel-6 | Routing of Emergency Calls based on Geographical Coordinates | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 200 | 1 | 6.4.0 | Rel-6 | Addition of Missing Indicator of Privacy Action as a Result of a Privacy Check | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 201 | 3 | 6.4.0 | Rel-6 | An additional parameter to limit the LCS Client | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|------|
| SP-030382 | 23.271 | 203 | 3 | 6.4.0 | Rel-6 | Introduction of location estimate in the change of area event LDR procedure | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 205 | 2 | 6.4.0 | Rel-6 | CR of synchronous & asynchronous procedures in GMLC | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 206 | 1 | 4.9.0 | Rel-4 | Removing PDP addressing of the target UE | approved | F | 4.10.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 207 | - | 5.7.0 | Rel-5 | Removing PDP addressing of the target UE | approved | A | 5.8.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 208 | - | 6.4.0 | Rel-6 | Removing PDP addressing of the target UE | approved | A | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 209 | - | 6.4.0 | Rel-6 | LCS Capabilities and LCS Client Type | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 210 | 5 | 6.4.0 | Rel-6 | Clarification on the privacy check procedure in Rel-6. | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 211 | - | 5.7.0 | Rel-5 | Correcting reference to LIF-MLP specification | approved | F | 5.8.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |
| SP-030382 | 23.271 | 212 | - | 6.4.0 | Rel-6 | Correcting reference to LIF-MLP specification | approved | A | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 |

E.3 CRs from SA WG3

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|---------|
| SP-030475 | 33.102 | 180 | - | 5.2.0 | Rel-6 | Clarification on the usage of the c3 conversion function | approved | F | 6.0.0 | 3G security; Security architecture | SEC1 |
| SP-030476 | 33.102 | 181 | - | 5.2.0 | Rel-5 | IMEISV retrieval before completion of security mode setup procedure | approved | F | 5.3.0 | 3G security; Security architecture | LATE_UE |
| SP-030476 | 33.102 | 182 | - | 5.2.0 | Rel-5 | Mitigation against a man-in-the-middle attack associated with early UE handling | approved | C | 5.3.0 | 3G security; Security architecture | LATE_UE |
| SP-030477 | 33.106 | 005 | - | 5.1.0 | Rel-6 | References | rejected | D | | Lawful interception requirements | SEC1-LI |
| SP-030478 | 33.107 | 031 | - | 5.5.0 | Rel-5 | Missing QoS Parameter in IRI | approved | F | 5.6.0 | 3G security; Lawful interception architecture and functions | SEC1-LI |
| SP-030479 | 33.107 | 032 | - | 5.5.0 | Rel-6 | TEL URL for IMS interception identity | approved | B | 6.0.0 | 3G security; Lawful interception architecture and functions | SEC1-LI |
| SP-030479 | 33.107 | 033 | - | 5.5.0 | Rel-6 | Stereo delivery to LEMF | approved | F | 6.0.0 | 3G security; Lawful interception architecture and functions | SEC1-LI |
| SP-030480 | 33.108 | 017 | - | 6.2.0 | Rel-6 | Correct Abbreviations in TS 33.108 | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 017 | 1 | 6.2.0 | Rel-6 | Correct Abbreviations in TS 33.108 | approved | D | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030481 | 33.108 | 018 | - | 5.4.0 | Rel-5 | Syntax error in Annex B.3 | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030509 | 33.108 | 018 | 1 | 5.4.0 | Rel-5 | Syntax error in Annex B.3 | approved | F | 5.5.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030481 | 33.108 | 019 | - | 6.2.0 | Rel-6 | Syntax error in Annex B.3 | revised | A | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030509 | 33.108 | 019 | 1 | 6.2.0 | Rel-6 | Syntax error in Annex B.3 | approved | A | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|---------------|
| SP-030480 | 33.108 | 020 | - | 6.2.0 | Rel-6 | Inconsistency in Annex B.3 | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 020 | 1 | 6.2.0 | Rel-6 | Inconsistency in Annex B.3 | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030480 | 33.108 | 021 | - | 6.2.0 | Rel-6 | Data Link Establishment and Sending part for ROSE operation | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 021 | 1 | 6.2.0 | Rel-6 | Data Link Establishment and Sending part for ROSE operation | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030480 | 33.108 | 022 | - | 6.2.0 | Rel-6 | Correction on the usage of Lawful Interception identifiers | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 022 | 1 | 6.2.0 | Rel-6 | Correction on the usage of Lawful Interception identifiers | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030480 | 33.108 | 023 | - | 6.2.0 | Rel-6 | Subscriber controlled input clarification | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 023 | 1 | 6.2.0 | Rel-6 | Subscriber controlled input clarification | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030480 | 33.108 | 024 | - | 6.2.0 | Rel-6 | Field separator in subaddress | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030508 | 33.108 | 024 | 1 | 6.2.0 | Rel-6 | Field separator in subaddress | approved | D | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030482 | 33.108 | 025 | - | 5.4.0 | Rel-5 | Reference errors in Annex G | approved | F | 5.5.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030482 | 33.108 | 026 | - | 6.2.0 | Rel-6 | Reference errors in Annex G | approved | A | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI |
| SP-030483 | 33.203 | 042 | - | 5.6.0 | Rel-6 | Introducing Cipher key Expansion for IMS | approved | B | 6.0.0 | 3G security; Access security for IP-based services | IMS-ASEC |
| SP-030484 | 33.203 | 043 | - | 5.6.0 | Rel-5 | Modification of the security association lifetime management | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC |
| SP-030485 | 33.203 | 044 | - | 5.6.0 | Rel-5 | Annex H in 33.203 | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC |
| SP-030486 | 33.203 | 045 | - | 5.6.0 | Rel-5 | Security association handling, behaviour of SIP over TCP and re-authentication | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC |
| SP-030487 | 33.203 | 046 | - | 5.6.0 | Rel-6 | Introducing Confidentiality Protection for IMS | approved | B | 6.0.0 | 3G security; Access security for IP-based services | IMS-ASEC |
| SP-030488 | 33.210 | 011 | - | 5.4.0 | Rel-5 | Change of IKE profiling | approved | F | 5.5.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP |
| SP-030488 | 33.210 | 012 | - | 6.2.0 | Rel-6 | Change of IKE profiling | approved | A | 6.3.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP |
| SP-030489 | 33.210 | 013 | - | 5.4.0 | Rel-5 | Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 | approved | F | 5.5.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP |
| SP-030489 | 33.210 | 014 | - | 6.2.0 | Rel-6 | Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 | approved | A | 6.3.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP |
| SP-030490 | 55.216 | 002 | - | 6.1.0 | Rel-6 | Clarification on the usage of the Key length | approved | F | 6.2.0 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification | SEC1-CSALG O1 |

E.4 CRs from SA WG4

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|-----------|
| SP-030444 | 26.073 | 018 | - | 5.1.0 | Rel-5 | Correction of the MMS_IO flag | approved | F | 5.2.0 | AMR speech Codec; C-source code | AMR |
| SP-030445 | 26.132 | 026 | - | 5.3.0 | Rel-5 | Loudness rating measurements at lower bit rates | approved | F | 5.4.0 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | TEI5 |
| SP-030446 | 26.173 | 019 | - | 5.7.1 | Rel-5 | Possible decoder LPC coefficients overflow | approved | F | 5.8.0 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec | AMRWB |
| SP-030447 | 26.204 | 008 | - | 5.1.0 | Rel-5 | Possible decoder LPC coefficients overflow | approved | F | 5.2.0 | ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec | AMRWB-FP |
| SP-030448 | 26.234 | 061 | 1 | 5.5.0 | Rel-5 | Clarification on session bandwidth for RS and RR RTCP modifiers | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 062 | 1 | 5.5.0 | Rel-5 | Correction of ambiguous range headers in SDP | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 063 | 1 | 5.5.0 | Rel-5 | Timed-Text layout example | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 064 | - | 5.5.0 | Rel-5 | Correction of ambiguity in RTP timestamps handling after PAUSE/PLAY RTSP requests | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 065 | - | 5.5.0 | Rel-5 | Correction of obsolete RTP references | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 066 | 1 | 5.5.0 | Rel-5 | Correction of wrong reference | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030448 | 26.234 | 067 | - | 5.5.0 | Rel-5 | Missing signaling of live content | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E |
| SP-030449 | 26.236 | 006 | - | 5.3.0 | Rel-5 | Correction of obsolete RTP references | approved | F | 5.4.0 | Packet switched conversational multimedia applications; Transport protocols | IMS-CODEC |
| SP-030449 | 26.236 | 007 | 1 | 5.3.0 | Rel-5 | Correction of wrong reference | approved | F | 5.4.0 | Packet switched conversational multimedia applications; Transport protocols | IMS-CODEC |
| SP-030450 | 26.976 | 001 | - | 5.0.0 | Rel-5 | Reference to incorrect test results | approved | F | 5.1.0 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | AMRWB |
| SP-030451 | 28.062 | 040 | - | 5.3.0 | Rel-5 | Removal of Pre-Handover Notification for UMTS | approved | F | 5.4.0 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | TEI5 |

E.5 CRs from SA WG5

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|--------|
| SP-030401 | 32.101 | 023 | - | 5.4.0 | Rel-5 | Removal/Replacement of the term UMTS - Alignment with SA1/2 specifications | approved | F | 5.5.0 | Telecommunication management; Principles and high level requirements | OAM-AR |
| SP-030402 | 32.102 | 028 | - | 4.3.0 | Rel-4 | Correction of subclause X.2.1 in Annex C | approved | F | 4.4.0 | Telecommunication management; Architecture | OAM-AR |
| SP-030402 | 32.102 | 029 | - | 5.3.0 | Rel-5 | Correction of subclause X.2.1 in Annex C | approved | A | 5.4.0 | Telecommunication management; Architecture | OAM-AR |
| SP-030403 | 32.102 | 030 | - | 5.3.0 | Rel-6 | Expansion to UML repertoire to support more concise modelling of stage 2 specifications | approved | C | 6.0.0 | Telecommunication management; Architecture | OAM-AR |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|--------|
| SP-030416 | 32.111-4 | 021 | - | 4.5.0 | Rel-4 | Correction of syntax error in type SetComment | approved | F | 4.6.0 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM |
| SP-030416 | 32.111-4 | 022 | - | 5.5.0 | Rel-5 | Correction of syntax error in type SetCommentInfo | approved | A | 5.6.0 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM |
| SP-030404 | 32.140 | 001 | - | 6.0.0 | Rel-6 | Correction to figure 3 (Architecture for management of Subscription Profile components) | approved | F | 6.1.0 | Telecommunication management; Services operations management; Subscription management requirements | SM |
| SP-030406 | 32.200 | 024 | - | 4.4.0 | Rel-4 | Stage 2/3 alignment of Location charging principles | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH |
| SP-030406 | 32.200 | 025 | - | 5.4.0 | Rel-5 | Stage 2/3 alignment of Location charging principles | approved | A | 5.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH |
| SP-030406 | 32.200 | 026 | - | 5.4.0 | Rel-5 | Corrections on service key related procedures - Alignment with CAMEL | approved | F | 5.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH |
| SP-030407 | 32.205 | 019 | - | 4.4.0 | Rel-4 | Correction to positioning data in ASN.1. | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | OAM-CH |
| SP-030407 | 32.205 | 020 | - | 4.4.0 | Rel-4 | Correction of ASN.1 code errors in LCS definitions | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | OAM-CH |
| SP-030407 | 32.215 | 027 | - | 4.4.0 | Rel-4 | Corrections of ASN.1 syntax | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | OAM-CH |
| SP-030408 | 32.235 | 017 | - | 5.3.0 | Rel-5 | Correction of content adaptation indication in the MMS Retrieval CDR - Alignment with T2's 23.140 | approved | F | 5.4.0 | Telecommunication management; Charging management; Charging data description for application services | OAM-CH |
| SP-030415 | 32.303 | 011 | - | 4.4.0 | Rel-4 | Incorporation of version handling, adopting release 5 agreements | approved | F | 4.5.0 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | OAM-CM |
| SP-030430 | 32.401 | 009 | - | 5.2.0 | Rel-6 | Addition of "jobId" and "reportingPeriod" parameters in the file format definition | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM |
| SP-030430 | 32.401 | 010 | - | 5.2.0 | Rel-6 | Removal of measurement job state and status attributes | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM |
| SP-030430 | 32.401 | 011 | - | 5.2.0 | Rel-6 | Refinement of the conditions for setting "suspect flag" | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM |
| SP-030431 | 32.403 | 018 | - | 4.4.0 | Rel-4 | Correction of collection method for SGSN measurements | approved | F | 4.5.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |
| SP-030431 | 32.403 | 019 | - | 5.3.0 | Rel-5 | Correction of collection method for SGSN measurements | approved | A | 5.4.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---------|
| SP-030431 | 32.403 | 020 | - | 6.0.0 | Rel-6 | Correction of collection method for SGSN measurements | approved | A | 6.1.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |
| SP-030431 | 32.403 | 021 | - | 4.4.0 | Rel-4 | Correction of "outgoing intra-cell hard handovers measurements" | approved | F | 4.5.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |
| SP-030431 | 32.403 | 022 | - | 5.3.0 | Rel-5 | Correction of "outgoing intra-cell hard handovers measurements" | approved | A | 5.4.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |
| SP-030431 | 32.403 | 023 | - | 6.0.0 | Rel-6 | Correction of "outgoing intra-cell hard handovers measurements" | approved | A | 6.1.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM |
| SP-030432 | 32.411 | 001 | - | 6.0.0 | Rel-6 | Expansion of the requirements for threshold alarms on bounded variables | approved | C | 6.1.0 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements | OAM-PM |
| SP-030414 | 32.615 | 009 | - | 5.1.0 | Rel-5 | Add missing Activities to Session Log XML | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | OAM-NIM |
| SP-030418 | 32.615 | 010 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema - Alignment with 32.652/655 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | OAM-NIM |
| SP-030417 | 32.624 | 010 | - | 4.4.0 | Rel-4 | Rel-4/5 alignment of OIDs of some attributes and name bindings | approved | F | 4.5.0 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM |
| SP-030417 | 32.624 | 011 | - | 5.0.0 | Rel-5 | Rel-4/5 alignment of OIDs of some attributes and name bindings | approved | F | 5.1.0 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM |
| SP-030419 | 32.632 | 008 | - | 4.3.0 | Rel-4 | Correction of Information Object Classes (IOCs) Notifications - Alignment with 32.102 | approved | F | 4.4.0 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-CM |
| SP-030419 | 32.632 | 009 | - | 5.3.0 | Rel-5 | Correction of Information Object Classes (IOCs) Notifications - Alignment with 32.102 | approved | A | 5.4.0 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-CM |
| SP-030420 | 32.644 | 004 | - | 5.1.0 | Rel-5 | Correction of wrong attribute name | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM |

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---------|
| SP-030418 | 32.645 | 005 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema – impacts on 32.645 (UTRAN XML Schema) - Alignment with 32.652/655 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | OAM-NIM |
| SP-030418 | 32.652 | 015 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN NRM - Alignment with 32.632 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-NIM |
| SP-030418 | 32.653 | 006 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN CORBA solution set - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | OAM-NIM |
| SP-030418 | 32.654 | 007 | - | 5.1.0 | Rel-5 | Inclusion of ExternalBssFunction - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM |
| SP-030418 | 32.655 | 004 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | OAM-NIM |
| SP-030421 | 32.674 | 001 | - | 5.0.0 | Rel-5 | Addition of the missing OID for ts32-674Package | approved | F | 5.1.0 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM |

E.6 CRs direct to TSG SA#21

| TSG SA Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI |
|------------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|-----|
| SP-030498 | 01.01 | 018 | - | 3.0.0 | Ph1 | Correction to list of specifications and removal of redundant information | approved | F | 3.1.0 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | TEI |
| SP-030498 | 01.01 | 019 | - | 8.10.0 | R99 | Correction to list of specifications and removal of redundant information | approved | F | 8.11.0 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | TEI |
| SP-030499 | 21.900 | 015 | - | 5.0.1 | Rel-6 | Addition of stage 1-2-3 specification structure description | approved | F | 6.0.0 | Technical Specification Group working methods | TEI |

Annex F: Status of all 3GPP CRs after TSG SA #21 Meeting

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|---------|------|-----|-----------------|-------|---|------------|-----|-------------|--|------|---------|
| SP-030498 | 01.01 | 018 | - | 3.0.0 | Ph1 | Correction to list of specifications and removal of redundant information | approved | F | 3.1.0 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | TEI | SP |
| SP-030498 | 01.01 | 019 | - | 8.10.0 | R99 | Correction to list of specifications and removal of redundant information | approved | F | 8.11.0 | Technical Specifications and Technical Reports for a GERAN-based 3GPP system | TEI | SP |
| NP-030379 | 03.03 | A059 | 1 | 5.4.1 | R96 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | F | 5.5.0 | Numbering, Addressing and Identification | ACSI | N4 |
| NP-030379 | 03.03 | A060 | 1 | 6.7.0 | R97 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | A | 6.8.0 | Numbering, Addressing and Identification | ACSI | N4 |
| NP-030379 | 03.03 | A061 | 1 | 7.7.0 | R98 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | A | 7.8.0 | Numbering, Addressing and Identification | ACSI | N4 |
| NP-030408 | 03.68 | A034 | 1 | 8.2.0 | R99 | Correction of uplink release management | approved | F | 8.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.68 | A035 | 1 | 5.5.1 | R96 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | F | 5.6.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.68 | A036 | 1 | 6.3.0 | R97 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 6.4.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.68 | A037 | 1 | 7.2.0 | R98 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 7.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.68 | A038 | 1 | 8.2.0 | R99 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 8.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.69 | A024 | 1 | 5.5.1 | R96 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | F | 5.6.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.69 | A025 | 1 | 6.3.0 | R97 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 6.4.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.69 | A026 | 1 | 7.2.0 | R98 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 7.3.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030407 | 03.69 | A027 | 1 | 8.2.0 | R99 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 8.3.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030379 | 09.02 | A337 | 1 | 5.18.0 | R96 | Correction of encoding description of Group-Id | approved | F | 5.19.0 | Mobile Application Part (MAP) Specification | ASCI | N4 |
| NP-030379 | 09.02 | A338 | 1 | 6.13.0 | R97 | Correction of encoding description of Group-Id | approved | A | 6.14.0 | Mobile Application Part (MAP) Specification | ASCI | N4 |
| NP-030379 | 09.02 | A339 | 1 | 7.13.0 | R98 | Correction of encoding description of Group-Id | approved | A | 7.14.0 | Mobile Application Part (MAP) Specification | ASCI | N4 |
| TP-030183 | 11.10-4 | A017 | - | 8.4.0 | R99 | Essential corrections to default values for SIM Application Toolkit testing | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A018 | - | 8.4.0 | R99 | CR 11.10-4 R99: Clarification on comprehension required flag usage | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|---------|------|-----|-----------------|-------|---|------------|-----|-------------|--|-----|---------|
| TP-030183 | 11.10-4 | A019 | - | 8.4.0 | R99 | Essential corrections to Display text test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A020 | - | 8.4.0 | R99 | Essential corrections to Get Inkey test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A021 | - | 8.4.0 | R99 | CR 11.10-4 R99: Essential corrections to Get Input test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A022 | - | 8.4.0 | R99 | Essential corrections to Set Up Menu test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A023 | - | 8.4.0 | R99 | Essential corrections to Play Tone test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A024 | - | 8.4.0 | R99 | Essential corrections to Poll Intervall test case | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A025 | - | 8.4.0 | R99 | CR 11.10-4 R99: Essential corrections to Polling off test case | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A026 | - | 8.4.0 | R99 | CR 11.10-4 R99: Essential corrections to Provide Local Information test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A027 | - | 8.4.0 | R99 | CR 11.10-4 R99: Essential corrections to Send Short message test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A028 | - | 8.4.0 | R99 | CR 11.10-4 R99: Essential corrections to Language Notification test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A029 | - | 8.4.0 | R99 | Essential corrections to Send SS test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A030 | - | 8.4.0 | R99 | Essential corrections to Set Up Call test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|---------|------|-----|-----------------|-------|---|------------|-----|-------------|--|-----|---------|
| TP-030183 | 11.10-4 | A031 | - | 8.4.0 | R99 | Essential corrections to Send USSD test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A032 | - | 8.4.0 | R99 | Essential correction to Set Up Idle Mode Text test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A033 | - | 8.4.0 | R99 | Essential corrections to Power Off Card test case | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A034 | - | 8.4.0 | R99 | Essential corrections to Perform Card APDU test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A035 | - | 8.4.0 | R99 | Essential correction to Get Reader Status test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A036 | - | 8.4.0 | R99 | Essential corrections to Send DTMF test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A037 | - | 8.4.0 | R99 | Essential corrections to CALL CONTROL BY SIM test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A038 | - | 8.4.0 | R99 | Essential corrections to CALL CONTROL BY SIM (Interaction with FDN/ BDN) test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A039 | - | 8.4.0 | R99 | Essential corrections to Select Item test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A040 | - | 8.4.0 | R99 | Essential corrections to card reader status event download test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A041 | - | 8.4.0 | R99 | Essential corrections to language selection and browser termination event download test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A042 | - | 8.4.0 | R99 | Essential corrections to Close Channel test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|---------|------|-----|-----------------|-------|---|------------|-----|-------------|--|-----|---------|
| TP-030183 | 11.10-4 | A043 | - | 8.4.0 | R99 | Essential corrections to Launch Browser test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A044 | - | 8.4.0 | R99 | Essential corrections to Open Channel test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A045 | - | 8.4.0 | R99 | Essential corrections to Receive Data test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A046 | - | 8.4.0 | R99 | Essential corrections to Send Data test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A047 | - | 8.4.0 | R99 | Essential corrections to channel status event download test case | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A048 | - | 8.4.0 | R99 | Essential corrections to Get Channel Status test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A049 | - | 8.4.0 | R99 | Essential corrections to CB data download test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A050 | - | 8.4.0 | R99 | Essential corrections to location status, user activity and idle screen available event download test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A051 | - | 8.4.0 | R99 | Corrections in the REFRESH test sequences (with inclusion of T3-030535's contents) | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A052 | - | 8.4.0 | R99 | Essential corrections to test requirement references | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A053 | - | 8.4.0 | R99 | Essential corrections to CALL CONTROL BY SIM (supplementary services) test case | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030183 | 11.10-4 | A054 | - | 8.4.0 | R99 | Essential corrections to MT Call, Call connected and Call disconnected event download test cases | approved | F | 8.5.0 | Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification | TEI | T3 |
| TP-030177 | 11.11 | A135 | - | 8.9.1 | R99 | Correction to SMS | approved | F | 8.10.0 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface | TEI | T3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|---|------------|-----|-------------|---|--------|---------|
| TP-030177 | 11.11 | A136 | - | 8.9.1 | R99 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island. | approved | F | 8.10.0 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface | TEI | T3 |
| SP-030499 | 21.900 | 015 | - | 5.0.1 | Rel-6 | Addition of stage 1-2-3 specification structure description | approved | F | 6.0.0 | Technical Specification Group working methods | TEI | SP |
| SP-030456 | 21.905 | 051 | - | 5.7.0 | Rel-5 | Correction of the Defintion of CDR | approved | F | 5.8.0 | Vocabulary for 3GPP Specifications | OAM-CH | S1 |
| SP-030456 | 21.905 | 052 | - | 6.3.0 | Rel-6 | Correction of the Defintion of CDR | approved | A | 6.4.0 | Vocabulary for 3GPP Specifications | OAM-CH | S1 |
| SP-030461 | 22.038 | 014 | - | 6.0.0 | Rel-6 | MMS support by the USIM Application Toolkit | approved | B | 6.1.0 | USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1 | MMS-R6 | S1 |
| SP-030464 | 22.041 | 010 | - | 6.0.0 | Rel-6 | WLAN access point terminology clarified | approved | C | 6.1.0 | Operator Determined Call Barring | ODB | S1 |
| SP-030464 | 22.041 | 011 | - | 6.0.0 | Rel-6 | ODB in VPLMN for WLAN user | approved | B | 6.1.0 | Operator Determined Call Barring | ODB | S1 |
| SP-030455 | 22.071 | 054 | - | 4.4.1 | Rel-4 | Correction of requirements on the identity format of LCS clients | approved | F | 4.5.0 | Location Services (LCS); Stage 1 | TEI | S1 |
| SP-030455 | 22.071 | 055 | - | 5.1.1 | Rel-5 | Correction of requirements on the identity format of LCS clients | approved | A | 5.2.0 | Location Services (LCS); Stage 1 | TEI | S1 |
| SP-030455 | 22.071 | 056 | - | 6.4.0 | Rel-6 | Correction of requirements on the identity format of LCS clients | approved | A | 6.5.0 | Location Services (LCS); Stage 1 | TEI | S1 |
| SP-030459 | 22.071 | 057 | - | 6.4.0 | Rel-6 | Clarification of Mobile Originating Location | approved | C | 6.5.0 | Location Services (LCS); Stage 1 | TEI6 | S1 |
| SP-030459 | 22.071 | 058 | - | 6.4.0 | Rel-6 | A requirement of authentication to the Target UE user | approved | B | 6.5.0 | Location Services (LCS); Stage 1 | LCS | S1 |
| SP-030459 | 22.071 | 059 | - | 6.4.0 | Rel-6 | Introduction of LCS QoS Classes | approved | B | 6.5.0 | Location Services (LCS); Stage 1 | LCS2 | S1 |
| SP-030462 | 22.078 | 160 | - | 6.1.0 | Rel-6 | Criteria for "change of position" procedures | approved | F | 6.2.0 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | TEI_6 | S1 |
| SP-030458 | 22.078 | 161 | - | 5.10.0 | Rel-5 | Alignment of stage 1 with stage 2 & stage 3 | approved | F | 5.11.0 | Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1 | CAMEL4 | S1 |
| SP-030457 | 22.101 | 127 | - | 5.10.0 | Rel-5 | Clarification on USIM-based access to IMS | approved | F | 5.11.0 | Service aspects; Service principles | IMS | S1 |
| SP-030457 | 22.101 | 128 | - | 6.4.0 | Rel-6 | Clarification on USIM-based access to IMS | approved | A | 6.5.0 | Service aspects; Service principles | IMS | S1 |
| SP-030492 | 22.101 | 129 | - | 3.14.0 | R99 | Modification of emergency number identification rules in 22.101 R99 | approved | F | 3.15.0 | Service aspects; Service principles | EMC1 | S1 |
| SP-030492 | 22.101 | 130 | - | 4.7.0 | Rel-4 | Modification of emergency number identification rules in 22.101 Rel-4 | approved | A | 4.8.0 | Service aspects; Service principles | EMC1 | S1 |
| SP-030492 | 22.101 | 131 | - | 5.10.0 | Rel-5 | Modification of emergency number identification rules in 22.101 Rel-5 | approved | A | 5.11.0 | Service aspects; Service principles | EMC1 | S1 |
| SP-030492 | 22.101 | 132 | - | 6.4.0 | Rel-6 | Cleanup and modifications on identification of emergency numbers in 22.101 Rel-6 | approved | C | 6.5.0 | Service aspects; Service principles | EMC1 | S1 |
| SP-030514 | 22.101 | 133 | - | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | revised | F | | Service aspects; Service principles | TEI5 | S1 |
| SP-030533 | 22.101 | 133 | - | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | approved | F | 5.11.0 | Service aspects; Service principles | TEI5 | S1 |
| SP-030543 | 22.101 | 133 | 2 | 5.10.0 | Rel-5 | Support of Release 4 SIM in Release 5 | rejected | F | | Service aspects; Service principles | TEI5 | S1 |
| SP-030515 | 22.101 | 134 | - | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 5 | revised | A | | Service aspects; Service principles | TEI5 | S1 |
| SP-030534 | 22.101 | 134 | - | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 5 | approved | A | 6.5.0 | Service aspects; Service principles | TEI5 | S1 |
| SP-030544 | 22.101 | 134 | 2 | 6.4.0 | Rel-6 | Support of Release 4 SIM in Release 6 | rejected | A | | Service aspects; Service principles | TEI5 | S1 |
| SP-030399 | 22.101 | 135 | - | 6.4.0 | Rel-6 | Clarification of emergency call requirements | revised | C | | Service aspects; Service principles | EMC1 | S1 |
| SP-030517 | 22.101 | 135 | 1 | 6.4.0 | Rel-6 | Clarification of emergency call requirements | rejected | C | | Service aspects; Service principles | EMC1 | S1 |
| SP-030467 | 22.115 | 014 | - | 6.1.0 | Rel-6 | Alignment of 22.115 with 21.801 | approved | D | 6.2.0 | Service Aspects Charging and billing | TEI 6 | S1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|------------|---------|
| SP-030467 | 22.115 | 015 | - | 6.1.0 | Rel-6 | CS interconnection requirement for the identification of user data rate and user protocol at the interconnection point for charging purposes | approved | B | 6.2.0 | Service Aspects Charging and billing | TEI-6 | S1 |
| SP-030460 | 22.140 | 035 | - | 6.2.0 | Rel-6 | Management of Hyperlinks with MMS | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS | S1 |
| SP-030461 | 22.140 | 036 | - | 6.2.0 | Rel-6 | MM storage in the USIM | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 | S1 |
| SP-030550 | 22.140 | 036 | 1 | 6.2.0 | Rel-6 | MM storage in the USIM | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 | S1 |
| SP-030552 | 22.140 | 036 | 2 | 6.2.0 | Rel-6 | MM storage in the USIM | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 | S1 |
| SP-030460 | 22.140 | 037 | - | 6.2.0 | Rel-6 | Conditional delivery behaviour | revised | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS6 | S1 |
| SP-030542 | 22.140 | 037 | 1 | 6.2.0 | Rel-6 | Conditional delivery behaviour | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Stage 1 | MMS | S1 |
| SP-030551 | 22.140 | 038 | - | 6.2.0 | Rel-6 | UICC interaction with MMS clients | postponed | B | | Multimedia Messaging Service (MMS); Stage 1 | MMS-R6 | S1 |
| SP-030465 | 22.228 | 021 | - | 6.3.0 | Rel-6 | Clarification on the meaning of Access Independence | approved | F | 6.4.0 | Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1 | IMS | S1 |
| SP-030466 | 22.233 | 011 | - | 6.2.0 | Rel-6 | Removal of content cache information in PSS architecture | approved | C | 6.3.0 | Transparent end-to-end packet-switched streamng service; Stage 1 | PSS | S1 |
| SP-030466 | 22.233 | 012 | - | 6.2.0 | Rel-6 | Reliable delivery mechanism | approved | C | 6.3.0 | Transparent end-to-end packet-switched streamng service; Stage 1 | PSS | S1 |
| SP-030469 | 22.240 | 001 | - | 6.0.0 | Rel-6 | Clarifications for section 7 of 22.240 | approved | F | 6.1.0 | Service requirements for 3GPP Generic User Profile (GUP); Stage 1 | GUP | S1 |
| SP-030468 | 22.243 | 007 | - | 6.3.0 | Rel-6 | Reconstructed speech as an output mechanism | approved | B | 6.4.0 | Speech recognition framework for automated voice services; Stage 1 | SRSE S | S1 |
| SP-030463 | 22.934 | 003 | - | 6.1.0 | Rel-6 | Deletion of Software SIM concept | approved | C | 6.2.0 | Feasibility study on 3GPP system to Wireles Local Area Network (WLAN) interworking | WLAN | S1 |
| SP-030463 | 22.934 | 004 | - | 6.1.0 | Rel-6 | Service Capability Interworking | approved | C | 6.2.0 | Feasibility study on 3GPP system to Wireles Local Area Network (WLAN) interworking | WLAN | S1 |
| SP-030374 | 23.002 | 133 | 1 | 5.11.0 | Rel-5 | Use of Security Gateways | revised | F | | Network architecture | SEC-NDS-IP | S2 |
| SP-030521 | 23.002 | 133 | 1 | 5.11.0 | Rel-5 | Use of Security Gateways | approved | F | 5.12.0 | Network architecture | SEC-NDS-IP | S2 |
| SP-030374 | 23.002 | 134 | 2 | 6.1.0 | Rel-6 | Use of Security Gateways | revised | A | | Network architecture | SEC-NDS-IP | S2 |
| SP-030521 | 23.002 | 134 | 2 | 6.1.0 | Rel-6 | Use of Security Gateways | approved | A | 6.2.0 | Network architecture | SEC-NDS-IP | S2 |
| NP-030379 | 23.003 | 070 | - | 3.12.0 | R99 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | A | 3.13.0 | Numbering, Addressing and Identification | ASCI | N4 |
| NP-030379 | 23.003 | 071 | - | 4.6.0 | Rel-4 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | A | 4.7.0 | Numbering, Addressing and Identification | ASCI | N4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|----------|---------|
| NP-030379 | 23.003 | 072 | - | 5.6.0 | Rel-5 | Correction to definition of Group ID, Group call area ID and Group Call Reference | approved | A | 5.7.0 | Numbering, Addressing and Identification | ASCI | N4 |
| NP-030394 | 23.003 | 073 | 2 | 5.6.0 | Rel-6 | PSI definition | approved | B | 6.0.0 | Numbering, Addressing and Identification | IMS2-CCR | N4 |
| NP-030389 | 23.003 | 074 | 1 | 5.6.0 | Rel-5 | Changes to enable the GSMA root DNS architecture | rejected | F | | Numbering, Addressing and Identification | TEI5 | N4 |
| NP-030370 | 23.003 | 074 | 2 | 5.6.0 | Rel-5 | Changes to enable the GSMA root DNS architecture | rejected | F | | Numbering, Addressing and Identification | TEI_5 | N4 |
| NP-030388 | 23.008 | 122 | 2 | 5.5.0 | Rel-5 | Addition of a list of authorized visited network identifiers | approved | F | 5.6.0 | Organisation of subscriber data | TEI5 | N4 |
| NP-030417 | 23.009 | 099 | - | 5.5.0 | Rel-5 | Correction to UESBI-Iu definition | approved | F | 5.6.0 | Handover procedures | LATE_UE | N1 |
| NP-030391 | 23.012 | 012 | - | 5.1.0 | Rel-5 | Correction of misaligned signal names between VLR and PVLR | approved | F | 5.2.0 | Location management procedures | TEI5 | N4 |
| NP-030390 | 23.012 | 013 | 1 | 5.1.0 | Rel-5 | Corrections to "Early UE" handling | approved | F | 5.2.0 | Location management procedures | LATE_UE | N4 |
| NP-030390 | 23.018 | 128 | - | 5.7.0 | Rel-5 | Corrections to "Early UE" handling | approved | F | 5.8.0 | Basic Call Handling; Technical realization | LATE_UE | N4 |
| NP-030397 | 23.018 | 132 | - | 5.7.0 | Rel-6 | Removal of SIWF material | withdrawn | F | | Basic Call Handling; Technical realization | TEI6 | N4 |
| NP-030426 | 23.018 | 132 | - | 5.7.0 | Rel-6 | Removal of SIWF material | approved | F | 6.0.0 | Basic Call Handling; Technical realization | TEI6 | N4 |
| NP-030387 | 23.018 | 133 | - | 5.7.0 | Rel-5 | SCUDIF HLR Interrogation | approved | F | 5.8.0 | Basic Call Handling; Technical realization | SCUDIF | N4 |
| TP-030173 | 23.038 | 010 | - | 5.0.0 | Rel-6 | Additional Indications in SMS DCS | approved | C | 6.0.0 | Alphabets and language-specific information | TEI6 | T2 |
| TP-030169 | 23.057 | 122 | - | 6.1.0 | Rel-6 | Correcting figure and table numbering | approved | D | 6.2.0 | Mobile Execution Environment (MExE); Functional description; Stage 2 | TEI6 | T2 |
| SP-030375 | 23.060 | 442 | 5 | 6.1.0 | Rel-6 | Controlling compression performed at the SGSN. | approved | B | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 | S2 |
| SP-030375 | 23.060 | 444 | 3 | 3.15.0 | R99 | CR on "paging/out of service" issue | rejected | F | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI | S2 |
| SP-030375 | 23.060 | 450 | 3 | 6.1.0 | Rel-6 | Usage of Allocation/Retention Priority in the BSS | approved | B | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 | S2 |
| SP-030375 | 23.060 | 455 | 1 | 6.1.0 | Rel-6 | BSS initiated BSS packet flow context deletion | approved | C | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 | S2 |
| SP-030375 | 23.060 | 456 | - | 6.1.0 | Rel-6 | Preservation procedure for realtime bearers in A/Gb mode | approved | A | 6.2.0 | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI6 | S2 |
| SP-030375 | 23.060 | 459 | - | 4.8.0 | Rel-4 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI | S2 |
| SP-030375 | 23.060 | 460 | - | 5.6.0 | Rel-5 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI | S2 |
| SP-030375 | 23.060 | 461 | - | 6.1.0 | Rel-6 | CR on "paging/out of service" issue | rejected | A | | General Packet Radio Service (GPRS) Service description; Stage 2 | TEI | S2 |
| NP-030393 | 23.066 | 024 | 2 | 5.1.0 | Rel-5 | SRF-based solution for correct charging of calls to ported or non-portable subscribers originated by pre-paid subscribers | rejected | B | | Support of GSM Mobile Number Portability (MNP) stage 2 | MNP | N4 |
| NP-030392 | 23.066 | 026 | 1 | 5.1.0 | Rel-5 | Incorrect CAMEL pre-paid charging in MNP networks | approved | F | 5.2.0 | Support of GSM Mobile Number Portability (MNP) stage 2 | MNP | N4 |
| NP-030365 | 23.078 | 523 | 5 | 5.4.0 | Rel-5 | Handling of Connect operation with and without LegID | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAMEL4 | N2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|---------|---------|
| NP-030365 | 23.078 | 524 | 4 | 5.4.0 | Rel-5 | Handling of Information Flows with absent LegID and CS ID | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030364 | 23.078 | 530 | 2 | 5.4.0 | Rel-5 | Using ATI for Mobile Number Portability | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030368 | 23.078 | 558 | - | 5.4.0 | Rel-5 | Correction to partial implementation of CAMEL4 | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 570 | 2 | 5.4.0 | Rel-5 | Update of charging spec. references | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 573 | 2 | 5.4.0 | Rel-5 | Reporting Disconnect (leg n) | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 575 | - | 5.4.0 | Rel-5 | Correction to procedure CAMEL_ICA_MSC | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030363 | 23.078 | 584 | - | 5.4.0 | Rel-5 | Direction change of incoming message Answer | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030362 | 23.078 | 600 | 2 | 4.9.0 | Rel-4 | Correction in handling of Start-Delta and Stop-Delta operations. | approved | A | 4.10.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L3 | N2 |
| NP-030365 | 23.078 | 601 | - | 5.4.0 | Rel-5 | Correction of "Int_Leg_Status_Report" to avoid double state changes in the CSA | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030368 | 23.078 | 602 | 1 | 5.4.0 | Rel-5 | Alignment of Offered CAMEL4 functionalities | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030366 | 23.078 | 603 | - | 5.4.0 | Rel-5 | Correction to SMS Event Disarming | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030366 | 23.078 | 604 | 1 | 5.4.0 | Rel-5 | Correction to SMS Error handling | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030367 | 23.078 | 605 | - | 5.4.0 | Rel-5 | Correction to PlayTone pre-conditions | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030363 | 23.078 | 608 | - | 5.4.0 | Rel-5 | Correction to procedure Handle_O_Answer | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 609 | - | 5.4.0 | Rel-5 | Correction to usage of LegID in ICA Operation | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030363 | 23.078 | 610 | 1 | 5.4.0 | Rel-5 | Correction of "pty continues" and "LegActive" check boxes in SDL's | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 611 | 1 | 5.4.0 | Rel-5 | Correction to Apply Charging and Apply Charging Report due to introduction of CPH | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|---------|---------|
| NP-030363 | 23.078 | 612 | 1 | 5.4.0 | Rel-5 | Receiving Int_CWA after reporting Abandon | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030368 | 23.078 | 614 | - | 5.4.0 | Rel-5 | Correction to Change of position processes | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030368 | 23.078 | 615 | - | 5.4.0 | Rel-5 | Correction on MG-CSI sending to the SGSN | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030365 | 23.078 | 616 | - | 5.4.0 | Rel-5 | Allow user interaction at answer DP | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030367 | 23.078 | 617 | 3 | 5.4.0 | Rel-5 | Handling of concurrent tones | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030369 | 23.078 | 620 | 1 | 5.4.0 | Rel-5 | Correction to InitialDP for SCUDIF | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L4 | N2 |
| NP-030362 | 23.078 | 621 | - | 3.17.0 | R99 | Correction in handling of Start-Delta and Stop-Delta operations. | approved | F | 3.18.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L3 | N2 |
| NP-030362 | 23.078 | 622 | - | 5.4.0 | Rel-5 | Correction in handling of Start-Delta and Stop-Delta operations | approved | A | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2 | CAME L3 | N2 |
| NP-030385 | 23.079 | 025 | 4 | 5.2.0 | Rel-5 | Correction to interaction between ORLCF and forwarding | approved | F | 5.3.0 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | CAME L4 | N4 |
| NP-030387 | 23.079 | 026 | 1 | 5.2.0 | Rel-5 | Notification of the 2nd BSG in case of Late CF with OR | approved | F | 5.3.0 | Support of Optimal Routeing (SOR); Technical realization; Stage 2 | SCUD IF | N4 |
| SP-030376 | 23.107 | 139 | 1 | 5.9.0 | Rel-5 | Support the maximum bit rate for HSDPA | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | HSDP A | S2 |
| SP-030376 | 23.107 | 141 | 1 | 5.9.0 | Rel-5 | Correction to RAB service attributes table | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | E2EQ oS | S2 |
| SP-030376 | 23.107 | 142 | 2 | 5.9.0 | Rel-5 | Priority of signaling PDP | approved | F | 5.10.0 | Quality of Service (QoS) concept and architecture | TEI5 | S2 |
| NP-030405 | 23.122 | 059 | - | 3.9.0 | R99 | Removal of RPLMNAcT field | approved | F | 3.10.0 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | TEI | N1 |
| NP-030405 | 23.122 | 060 | - | 4.3.0 | Rel-4 | Removal of RPLMNAcT field | approved | A | 4.4.0 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | TEI | N1 |
| NP-030405 | 23.122 | 061 | - | 5.2.0 | Rel-5 | Removal of RPLMNAcT field | approved | A | 5.3.0 | Non-Access-Stratum functions related to Mobile Station (MS) in idle mode | TEI | N1 |
| TP-030174 | 23.140 | 130 | - | 6.2.0 | Rel-6 | Invalid MM7 references | approved | F | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 131 | - | 6.2.0 | Rel-6 | Enhancements to DRM support in MMS | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 132 | - | 6.2.0 | Rel-6 | Clarity on USIM versus Over the air provisioning in MMS | approved | C | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 133 | - | 6.2.0 | Rel-6 | Inaccuracies in Annexes I & K | approved | F | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 134 | - | 6.2.0 | Rel-6 | Size in Retrieval request | approved | C | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|------------|---------|
| TP-030174 | 23.140 | 135 | - | 6.2.0 | Rel-6 | Transfer over MM3 | approved | C | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 136 | - | 6.2.0 | Rel-6 | Extension of MM4 interface for delivery report | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 137 | - | 6.2.0 | Rel-6 | Reply charging in case of forwarding | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 138 | - | 6.2.0 | Rel-6 | Addition of Information elements to MM7 | approved | B | 6.3.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MMS6 | T2 |
| TP-030174 | 23.140 | 139 | - | 5.7.0 | Rel-5 | Correction of "Date" to "TimeStamp" in MM7 Schema | approved | F | 5.8.0 | Multimedia Messaging Service (MMS); Functional description; Stage 2 | MESS 5-MMS | T2 |
| SP-030398 | 23.141 | 057 | - | 6.3.0 | Rel-6 | Pc and Pg Interfaces, Presence information | revised | F | | Presence service; Architecture and functional description; Stage 2 | PRES NC | S2 |
| SP-030541 | 23.141 | 057 | 1 | 6.3.0 | Rel-6 | Pc and Pg Interfaces, Presence information | approved | F | 6.4.0 | Presence service; Architecture and functional description; Stage 2 | PRES NC | S2 |
| NP-030380 | 23.153 | 062 | 1 | 4.8.0 | Rel-4 | Clarification on codec modification | approved | F | 4.9.0 | Out of Band Transcoder Control; Stage 2 | OoBT C | N4 |
| NP-030380 | 23.153 | 063 | 1 | 5.5.0 | Rel-5 | Clarification on codec modification | approved | A | 5.6.0 | Out of Band Transcoder Control; Stage 2 | OoBT C | N4 |
| NP-030380 | 23.153 | 066 | 1 | 4.8.0 | Rel-4 | Clarification of luUP Initialisation during codec modification | approved | F | 4.9.0 | Out of Band Transcoder Control; Stage 2 | OoBT C | N4 |
| NP-030380 | 23.153 | 067 | 1 | 5.5.0 | Rel-5 | Clarification of luUP Initialisation during codec modification | approved | A | 5.6.0 | Out of Band Transcoder Control; Stage 2 | OoBT C | N4 |
| NP-030330 | 23.172 | 014 | 3 | 5.1.0 | Rel-5 | Supplementary service interaction with SCUDIF calls | approved | F | 5.2.0 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | SCUD IF | N3 |
| NP-030330 | 23.172 | 015 | 4 | 5.1.0 | Rel-5 | Repeat subscription checking in MO SCUDIF call | approved | F | 5.2.0 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | SCUD IF | N3 |
| NP-030330 | 23.172 | 016 | 2 | 5.1.0 | Rel-5 | SCUDIF HLR Interrogation | approved | F | 5.2.0 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | SCUD IF | N3 |
| NP-030331 | 23.172 | 017 | 1 | 5.1.0 | Rel-5 | Callflows for Service change during the active state | approved | F | 5.2.0 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | SCUD IF | N3 |
| NP-030431 | 23.172 | 017 | 1 | 5.1.0 | Rel-5 | Callflows for Service change during the active state | withdrawn | F | | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | SCUD IF | N3 |
| NP-030328 | 23.172 | 018 | 1 | 5.1.0 | Rel-5 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | F | 5.2.0 | Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2 | TEI | N3 |
| SP-030377 | 23.195 | 001 | 3 | 5.0.0 | Rel-5 | lu mode correction | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE _UE | S2 |
| SP-030377 | 23.195 | 002 | 2 | 5.0.0 | Rel-5 | Clean up of diagrams | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE _UE | S2 |
| SP-030377 | 23.195 | 003 | 2 | 5.0.0 | Rel-5 | Additional text for section 6 on (physical) location of FIB function | approved | C | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE _UE | S2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|----------|---------|
| SP-030377 | 23.195 | 004 | 1 | 5.0.0 | Rel-5 | Roll out issue for RANAP-BSSMAP interworking | approved | F | 5.1.0 | Provision of User Equipment Specific Behaviour Information (UESBI) to network entities | LATE_UE | S2 |
| SP-030378 | 23.207 | 060 | 1 | 5.8.0 | Rel-6 | Functional additions for the Gq interface | approved | B | 6.0.0 | End-to-end Quality of Service (QoS) concept and architecture | QoS1 | S2 |
| NP-030411 | 23.218 | 057 | - | 5.5.0 | Rel-5 | Removal of Incorrect Information | approved | F | 5.6.0 | IP Multimedia (IM) session handling; IM call model; Stage 2 | IMS-CCR | N1 |
| SP-030379 | 23.221 | 040 | 1 | 5.7.0 | Rel-5 | Combination of service domains | approved | F | 5.8.0 | Architectural requirements | IMS | S2 |
| SP-030379 | 23.221 | 041 | - | 6.0.0 | Rel-6 | Combination of service domains | approved | A | 6.1.0 | Architectural requirements | IMS | S2 |
| SP-030380 | 23.228 | 320 | 1 | 6.2.0 | Rel-6 | Immediate IMS Messaging to multiple recipients | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 321 | 1 | 6.2.0 | Rel-6 | Some service aspects of IMS messaging | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 322 | 1 | 6.2.0 | Rel-6 | Session-based IMS messaging | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 324 | 1 | 6.2.0 | Rel-6 | Mobile-initiated Hold and Resume of a Mobile-PSTN Session | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 325 | 1 | 6.2.0 | Rel-6 | Subscription to information changes in e.g. AS or S-CSCF | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 326 | 1 | 6.2.0 | Rel-6 | Refreshing sessions | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 329 | 1 | 6.2.0 | Rel-6 | IMS corrections | approved | A | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030380 | 23.228 | 330 | - | 5.9.0 | Rel-5 | IMS corrections | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030380 | 23.228 | 331 | 2 | 6.2.0 | Rel-6 | IP version interworking | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 336 | 1 | 6.2.0 | Rel-6 | SIP-IMS IWF | revised | B | | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030358 | 23.228 | 336 | 2 | 6.2.0 | Rel-6 | SIP-IMS IWF | approved | B | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 337 | 2 | 5.9.0 | Rel-5 | SIP-IMS IWF | revised | F | | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030358 | 23.228 | 337 | 3 | 5.9.0 | Rel-5 | SIP-IMS IWF | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030380 | 23.228 | 340 | 2 | 6.2.0 | Rel-6 | Originating routing from ASs on behalf of PSIs | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 342 | - | 6.2.0 | Rel-6 | Signalling Path for Session Termination Procedures | approved | F | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 343 | - | 6.2.0 | Rel-6 | Correction of cross references in Annex E | approved | D | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-COOP | S2 |
| SP-030380 | 23.228 | 346 | 2 | 5.9.0 | Rel-5 | UE in a visited Network with a P-CSCF located in the Home network | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS | S2 |
| SP-030380 | 23.228 | 348 | - | 5.9.0 | Rel-5 | Correction to Network initiated session release | approved | F | 5.10.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030380 | 23.228 | 349 | - | 6.2.0 | Rel-6 | Correction to Network initiated session release | approved | A | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS-CCR | S2 |
| SP-030380 | 23.228 | 350 | 2 | 6.2.0 | Rel-6 | PSI configuration in the HSS | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030380 | 23.228 | 351 | 2 | 6.2.0 | Rel-6 | PSI configuration and routing | approved | C | 6.3.0 | IP Multimedia Subsystem (IMS); Stage 2 | IMS2 | S2 |
| SP-030381 | 23.240 | 001 | 1 | 6.0.0 | Rel-6 | Rg reference point compliance with Liberty Alliance Project ID-WSF | approved | B | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP | S2 |
| SP-030381 | 23.240 | 002 | 1 | 6.0.0 | Rel-6 | Introduction of discovery service | approved | B | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP | S2 |
| SP-030381 | 23.240 | 003 | 1 | 6.0.0 | Rel-6 | Corrections to Rg reference point descriptions | approved | F | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP | S2 |
| SP-030381 | 23.240 | 004 | 1 | 6.0.0 | Rel-6 | Removal of GMLC as example | approved | F | 6.1.0 | 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2) | GUP | S2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|-----------|---------|
| SP-030382 | 23.271 | 187 | 3 | 6.4.0 | Rel-6 | Positioning of CS emergency service calls | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 190 | 2 | 6.4.0 | Rel-6 | Clearing editorial and other notes | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 193 | 1 | 6.4.0 | Rel-6 | The additional parameter validity time of the location request sent to the UE | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 194 | 1 | 6.4.0 | Rel-6 | Additional response message from LCS Client to GMLC in MO-LR procedure | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 196 | 1 | 6.4.0 | Rel-6 | Update of reference to OMA MLP specification | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 197 | 1 | 6.4.0 | Rel-6 | Pseudonym address and emergency identification | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 198 | 3 | 6.4.0 | Rel-6 | Routing of Emergency Calls based on Geographical Coordinates | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 200 | 1 | 6.4.0 | Rel-6 | Addition of Missing Indicator of Privacy Action as a Result of a Privacy Check | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 201 | 3 | 6.4.0 | Rel-6 | An additional parameter to limit the LCS Client | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 203 | 3 | 6.4.0 | Rel-6 | Introduction of location estimate in the change of area event LDR procedure | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 205 | 2 | 6.4.0 | Rel-6 | CR of synchronous & asynchronous procedures in GMLC | approved | B | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 206 | 1 | 4.9.0 | Rel-4 | Removing PDP addressing of the target UE | approved | F | 4.10.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 207 | - | 5.7.0 | Rel-5 | Removing PDP addressing of the target UE | approved | A | 5.8.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 208 | - | 6.4.0 | Rel-6 | Removing PDP addressing of the target UE | approved | A | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 209 | - | 6.4.0 | Rel-6 | LCS Capabilities and LCS Client Type | approved | D | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 210 | 5 | 6.4.0 | Rel-6 | Clarification on the privacy check procedure in Rel-6. | approved | F | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 211 | - | 5.7.0 | Rel-5 | Correcting reference to LIF-MLP specification | approved | F | 5.8.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| SP-030382 | 23.271 | 212 | - | 6.4.0 | Rel-6 | Correcting reference to LIF-MLP specification | approved | A | 6.5.0 | Location Services (LCS); Functional description; Stage 2 | LCS2 | S2 |
| NP-030374 | 23.278 | 043 | 2 | 5.3.0 | Rel-5 | Incorrect handling of failure SIP response for MT | approved | F | 5.4.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | IMS-CAMEL | N2 |
| NP-030374 | 23.278 | 044 | 2 | 5.3.0 | Rel-5 | Setting of Timers not specified for IMSSF process | approved | F | 5.4.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | IMS-CAMEL | N2 |
| NP-030374 | 23.278 | 045 | 1 | 5.3.0 | Rel-5 | Incorrect handling of failure SIP response for MO | approved | F | 5.4.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2 | IMS-CAMEL | N2 |
| NP-030327 | 23.910 | 046 | 1 | 4.7.0 | Rel-4 | Clarification of Handover description | approved | F | 4.8.0 | Circuit switched data bearer services | CSSP LIT | N3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|------------|---------|
| NP-030327 | 23.910 | 047 | 1 | 5.3.0 | Rel-5 | Clarification of Handover description | approved | A | 5.4.0 | Circuit switched data bearer services | CSSP LIT | N3 |
| NP-030416 | 24.008 | 747 | - | 5.8.0 | Rel-5 | Correction of the static conditions for the backup bearer capability IE contents | approved | F | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 787 | - | 6.1.0 | Rel-6 | Correction of the static conditions for the backup bearer capability IE contents | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 792 | - | 5.8.0 | Rel-5 | Deletion of EFRPLMNAcT | approved | F | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 793 | - | 6.1.0 | Rel-6 | Deletion of EFRPLMNAcT | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 794 | 1 | 5.8.0 | Rel-5 | Clarification of handover - BC-IE | approved | F | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 795 | 1 | 6.1.0 | Rel-6 | Clarification of handover - BC-IE | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030346 | 24.008 | 796 | 2 | 5.8.0 | Rel-5 | Support of the maximum bit rate for HSDPA | approved | F | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | HSDP A | N1 |
| NP-030347 | 24.008 | 797 | 2 | 6.1.0 | Rel-6 | Support of the maximum bit rate for HSDPA | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | HSDP A | N1 |
| NP-030420 | 24.008 | 798 | - | 6.1.0 | Rel-6 | Source of the CS domain specific system information | approved | F | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI6 | N1 |
| NP-030420 | 24.008 | 799 | 1 | 6.1.0 | Rel-6 | Signaling connection release after GMM procedure | approved | F | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI6 | N1 |
| NP-030406 | 24.008 | 804 | 2 | 3.16.0 | R99 | Clarification of BC negotiation for multimedia calls | approved | F | 3.17.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | Multimedia | N1 |
| NP-030406 | 24.008 | 805 | 2 | 4.11.0 | Rel-4 | Clarification of BC negotiation for multimedia calls | approved | A | 4.12.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | Multimedia | N1 |
| NP-030406 | 24.008 | 806 | 2 | 5.8.0 | Rel-5 | Clarification of BC negotiation for multimedia calls | approved | A | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | Multimedia | N1 |
| NP-030406 | 24.008 | 807 | 2 | 6.1.0 | Rel-6 | Clarification of BC negotiation for multimedia calls | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | Multimedia | N1 |
| NP-030405 | 24.008 | 810 | 1 | 3.16.0 | R99 | Change of DTM core capability | approved | F | 3.17.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI | N1 |
| NP-030405 | 24.008 | 811 | 1 | 4.11.0 | Rel-4 | Change of DTM core capability | approved | A | 4.12.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI | N1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|---------|---------|
| NP-030405 | 24.008 | 812 | 1 | 5.8.0 | Rel-5 | Change of DTM core capability | approved | A | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI | N1 |
| NP-030405 | 24.008 | 813 | 1 | 6.1.0 | Rel-6 | Change of DTM core capability | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI | N1 |
| NP-030416 | 24.008 | 814 | 1 | 5.8.0 | Rel-5 | Introduction of mobile station multislot power classes | approved | F | 5.9.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030416 | 24.008 | 815 | 1 | 6.1.0 | Rel-6 | Introduction of mobile station multislot power classes | approved | A | 6.2.0 | Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 | TEI5 | N1 |
| NP-030420 | 24.011 | 031 | - | 5.2.0 | Rel-6 | Unspecified SAPI value in RANAP message for MT SMS (lu interface only) | approved | F | 6.0.0 | Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface | TEI6 | N1 |
| NP-030342 | 24.022 | 012 | 2 | 5.3.0 | Rel-5 | Usage of RLP versions | approved | F | 5.4.0 | Radio Link Protocol (RLP) for circuit switched bearer and teleservices | TEI | N3 |
| NP-030386 | 24.080 | 029 | - | 5.3.0 | Rel-5 | Reduce maximum length of "LCS Requestor ID" and "LCS | approved | F | 5.4.0 | Mobile radio Layer 3 supplementary service specification; Formats and coding | LCS1 | N4 |
| NP-030411 | 24.228 | 113 | - | 5.5.0 | Rel-5 | Removal of address binding by P-CSCF in registration flows | approved | F | 5.6.0 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030411 | 24.228 | 114 | 1 | 5.5.0 | Rel-5 | Corrections on MGCF handling CS originating or terminating sessions | approved | F | 5.6.0 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030411 | 24.228 | 115 | 1 | 5.5.0 | Rel-5 | Update Handling of SA chap_6_7_8 | approved | F | 5.6.0 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030411 | 24.228 | 116 | 1 | 5.5.0 | Rel-5 | Update Handling of SA chap_10 | approved | F | 5.6.0 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030411 | 24.228 | 117 | 1 | 5.5.0 | Rel-5 | Update Handling of SA chap_16_17_18 | approved | F | 5.6.0 | Signalling flows for the IP multimedia call control based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 444 | 2 | 5.5.0 | Rel-5 | All non-REGISTER requests must be integrity protected | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 445 | - | 5.5.0 | Rel-5 | Download of all service profiles linked to PUID being registered and implicitly registered | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 448 | 3 | 5.5.0 | Rel-5 | Authentication at UE | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|---------|---------|
| NP-030412 | 24.229 | 449 | 1 | 5.5.0 | Rel-5 | Network authentication failure at the UE | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 451 | 3 | 5.5.0 | Rel-5 | Handling of security association | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 452 | 1 | 5.5.0 | Rel-5 | Re-authentication timer at S-CSCF | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030412 | 24.229 | 455 | 2 | 5.5.0 | Rel-5 | Authentication failure at S-CSCF | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030413 | 24.229 | 456 | 2 | 5.5.0 | Rel-5 | Subscription termination sent by the S-CSCF | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030413 | 24.229 | 457 | - | 5.5.0 | Rel-5 | Subscription termination at the P-CSCF | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030413 | 24.229 | 458 | - | 5.5.0 | Rel-5 | Network -initiated deregistration at P-CSCF | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030349 | 24.229 | 459 | 1 | 5.5.0 | Rel-5 | Notification about registration status at AS | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030415 | 24.229 | 459 | 1 | 5.5.0 | Rel-5 | Notification about registration status at AS | revised | F | | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030413 | 24.229 | 461 | 1 | 5.5.0 | Rel-5 | Service profile | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030418 | 24.229 | 465 | 1 | 5.5.0 | Rel-6 | Alignment with TS for policy control over Gq interface | approved | F | 6.0.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS2 | N1 |
| NP-030413 | 24.229 | 466 | 1 | 5.5.0 | Rel-5 | Requirements on Preconditions | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|-----------|---------|
| NP-030413 | 24.229 | 467 | 1 | 5.5.0 | Rel-5 | Call forwarding cleanup | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030413 | 24.229 | 468 | - | 5.5.0 | Rel-5 | Update of references | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030414 | 24.229 | 470 | 1 | 5.5.0 | Rel-5 | Adding P-Asserted-Identity headers to NE initiated subscriptions | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030418 | 24.229 | 472 | 1 | 5.5.0 | Rel-6 | I-CSCF procedures for openness | approved | B | 6.0.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS2 | N1 |
| NP-030418 | 24.229 | 473 | 1 | 5.5.0 | Rel-6 | Registration from multiple terminals and forking | revised | B | | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS2 | N1 |
| NP-030428 | 24.229 | 473 | 2 | 5.5.0 | Rel-6 | Registration from multiple terminals and forking | withdrawn | B | | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS2 | N1 |
| NP-030433 | 24.229 | 473 | 3 | 5.5.0 | Rel-6 | Registration from multiple terminals and forking | approved | B | 6.0.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS2 | N1 |
| NP-030414 | 24.229 | 479 | 1 | 5.5.0 | Rel-5 | Replace USIM by ISIM for user identity storage | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030419 | 24.229 | 480 | 3 | 5.5.0 | Rel-6 | Access Independent IMS | approved | B | 6.0.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMSC OOP | N1 |
| NP-030414 | 24.229 | 481 | 1 | 5.5.0 | Rel-5 | 24.229 R5 CR: Corrections to Profile Tables | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030414 | 24.229 | 482 | - | 5.5.0 | Rel-5 | 24.229 R5 CR: Setting of SUBSCRIBE expiration time | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| NP-030414 | 24.229 | 483 | 3 | 5.5.0 | Rel-5 | 24.229 R5 CR: Alignment of IMS Compression with RFC 3486 | approved | F | 5.6.0 | Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 | IMS-CCR | N1 |
| RP-030417 | 25.101 | 250 | 3 | 5.7.0 | Rel-5 | Addition of transmitter characteristics for HS-DPCCH | approved | F | 5.8.0 | User Equipment (UE) radio transmission and reception (FDD) | HSDP A-RF | R4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|---|---------|
| RP-030417 | 25.101 | 251 | 3 | 6.1.0 | Rel-6 | Addition of transmitter characteristics for HS-DPCCH | approved | A | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | HSDPA-RF | R4 |
| RP-030415 | 25.101 | 261 | 1 | 3.14.0 | R99 | Problems with "Out of sync" in Initial Convergence test | approved | F | 3.15.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI | R4 |
| RP-030415 | 25.101 | 262 | 1 | 4.8.0 | Rel-4 | Problems with "Out of sync" in Initial Convergence test | approved | A | 4.9.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI | R4 |
| RP-030415 | 25.101 | 263 | 1 | 5.7.0 | Rel-5 | Problems with "Out of sync" in Initial Convergence test | approved | A | 5.8.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI | R4 |
| RP-030415 | 25.101 | 264 | 1 | 6.1.0 | Rel-6 | Problems with "Out of sync" in Initial Convergence test | approved | A | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI | R4 |
| RP-030423 | 25.101 | 265 | 1 | 6.1.0 | Rel-6 | UE blocking requirements | approved | F | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI6 | R4 |
| RP-030423 | 25.101 | 267 | 1 | 6.1.0 | Rel-6 | Spurious Emission in GSM bands | approved | F | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI6 | R4 |
| RP-030418 | 25.101 | 269 | - | 5.7.0 | Rel-5 | Correction of CR 160 implementation for Correction of power terms and definitions | approved | F | 5.8.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI5 | R4 |
| RP-030418 | 25.101 | 270 | - | 6.1.0 | Rel-6 | Correction of CR 160 implementation for Correction of power terms and definitions | approved | A | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | TEI5 | R4 |
| RP-030421 | 25.101 | 271 | - | 6.1.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850 | revised | B | | User Equipment (UE) radio transmission and reception (FDD) | RInlm p-UMTS 850, RInlm p-UMTS 800, RInlm p-UMTS 1721 | R4 |
| RP-030515 | 25.101 | 271 | 1 | 6.1.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800 | approved | B | 6.2.0 | User Equipment (UE) radio transmission and reception (FDD) | RInlm p-UMTS 1721, RInlm p-UMTS 850, RInlm p- | R4 |
| RP-030423 | 25.104 | 199 | 1 | 6.2.0 | Rel-6 | Spurious emission levels for the protection of UTRA-FDD BS receiver | approved | F | 6.3.0 | Base Station (BS) radio transmission and reception (FDD) | TEI6 | R4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---|---------|
| RP-030421 | 25.104 | 200 | - | 6.2.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850 | revised | B | | Base Station (BS) radio transmission and reception (FDD) | RInlm p-UMTS 850, RInlm p-UMTS 800, RInlm p-UMTS 1721 | R4 |
| RP-030515 | 25.104 | 200 | 1 | 6.2.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800 | approved | B | 6.3.0 | Base Station (BS) radio transmission and reception (FDD) | RInlm p-UMTS 1721, RInlm p-UMTS 850, RInlm p- | R4 |
| RP-030419 | 25.106 | 024 | - | 5.5.0 | Rel-5 | Correction of naming of frequency bands and operating band. Introduction of pass band | approved | F | 5.6.0 | UTRA repeater radio transmission and reception | RInlm p-REP | R4 |
| RP-030416 | 25.123 | 308 | - | 4.9.0 | Rel-4 | Correction to test parameter for 3.84Mcps TDD cell re-selection for 1.28Mcps TDD in idle mode | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 309 | - | 5.5.0 | Rel-5 | Correction to test parameter for 3.84Mcps TDD cell re-selection for 1.28Mcps TDD in idle mode | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 310 | - | 4.9.0 | Rel-4 | Correction to Timing Advance of 1.28Mcps TDD option | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 311 | - | 5.5.0 | Rel-5 | Correction to Timing Advance of 1.28Mcps TDD option | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 312 | - | 4.9.0 | Rel-4 | Corrections to some measurement mappings in Section 9 | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 313 | - | 5.5.0 | Rel-5 | Corrections to some measurement mappings in Section 9 | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 314 | - | 4.9.0 | Rel-4 | Correction to 1.28Mcps TDD measurement and test case for GSM | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 315 | - | 5.5.0 | Rel-5 | Correction to 1.28Mcps TDD measurement and test case for GSM | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 316 | - | 4.9.0 | Rel-4 | Correction to inter frequency measurement requirements and test cases for 1.28Mcps TDD option | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|------------|---------|
| RP-030416 | 25.123 | 317 | - | 5.5.0 | Rel-5 | Correction to inter frequency measurement requirements and test cases for 1.28Mcps TDD option | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 318 | - | 4.9.0 | Rel-4 | TDD/GSM Handover Test Case for 1.28Mcps TDD | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 319 | - | 5.5.0 | Rel-5 | TDD/GSM Handover Test Case for 1.28Mcps TDD | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 320 | - | 4.9.0 | Rel-4 | GSM carrier RSSI Measurement Test Case for 1.28Mcps TDD | approved | F | 4.10.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030416 | 25.123 | 321 | - | 5.5.0 | Rel-5 | GSM carrier RSSI Measurement Test Case for 1.28Mcps TDD | approved | A | 5.6.0 | Requirements for support of radio resource management (TDD) | LCRT DD-RF | R4 |
| RP-030423 | 25.133 | 604 | - | 6.2.0 | Rel-6 | Correction of the RACH reporting delay | approved | F | 6.3.0 | Requirements for support of radio resource management (FDD) | TEI6 | R4 |
| RP-030420 | 25.133 | 605 | - | 5.7.0 | Rel-5 | Accuracy requirement of non-HSDPA transmit carrier power measurement | approved | F | 5.8.0 | Requirements for support of radio resource management (FDD) | TEI5 | R4 |
| RP-030420 | 25.133 | 606 | - | 6.2.0 | Rel-6 | Accuracy requirement of non-HSDPA transmit carrier power measurement | approved | A | 6.3.0 | Requirements for support of radio resource management (FDD) | TEI5 | R4 |
| RP-030423 | 25.133 | 608 | - | 6.2.0 | Rel-6 | Test time reduction for Cell Re-selection in CELL_FACH | approved | F | 6.3.0 | Requirements for support of radio resource management (FDD) | TEI6 | R4 |
| RP-030420 | 25.133 | 611 | 1 | 5.7.0 | Rel-5 | FDD inter-frequency cell identification | approved | F | 5.8.0 | Requirements for support of radio resource management (FDD) | TEI5 | R4 |
| RP-030420 | 25.133 | 612 | 1 | 6.2.0 | Rel-6 | FDD inter-frequency cell identification | approved | A | 6.3.0 | Requirements for support of radio resource management (FDD) | TEI5 | R4 |
| RP-030540 | 25.133 | 613 | - | 3.14.0 | R99 | CELL_DCH to CELL_FACH/CELL_PCH/URA_PCH transition when suitable UTRA cell is not found | Approved | F | 3.15.0 | Requirements for support of radio resource management (FDD) | TEI | R4 |
| RP-030540 | 25.133 | 614 | - | 4.9.0 | Rel-4 | CELL_DCH to CELL_FACH/CELL_PCH/URA_PCH transition when suitable UTRA cell is not found | Approved | A | 4.10.0 | Requirements for support of radio resource management (FDD) | TEI | R4 |
| RP-030540 | 25.133 | 615 | - | 5.7.0 | Rel-5 | CELL_DCH to CELL_FACH/CELL_PCH/URA_PCH transition when suitable UTRA cell is not found | Approved | A | 5.8.0 | Requirements for support of radio resource management (FDD) | TEI | R4 |
| RP-030540 | 25.133 | 616 | - | 6.2.0 | Rel-6 | CELL_DCH to CELL_FACH/CELL_PCH/URA_PCH transition when suitable UTRA cell is not found | Approved | A | 6.3.0 | Requirements for support of radio resource management (FDD) | TEI | R4 |
| RP-030423 | 25.141 | 315 | 1 | 6.2.0 | Rel-6 | Measurement interval in Frequency error, PCDE and EVM testing | approved | F | 6.3.0 | Base Station (BS) conformance testing (FDD) | TEI6 | R4 |
| RP-030423 | 25.141 | 318 | 1 | 6.2.0 | Rel-6 | Spurious emission levels for the protection of UTRA-FDD BS receiver | approved | F | 6.3.0 | Base Station (BS) conformance testing (FDD) | TEI6 | R4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|---|---------|
| RP-030421 | 25.141 | 319 | - | 6.2.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850 | revised | B | | Base Station (BS) conformance testing (FDD) | RInlm p-UMTS 850, RInlm p-UMTS 800, RInlm p-UMTS 1721 | R4 |
| RP-030515 | 25.141 | 319 | 1 | 6.2.0 | Rel-6 | Frequency bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800 | approved | B | 6.3.0 | Base Station (BS) conformance testing (FDD) | RInlm p-UMTS 1721, RInlm p-UMTS 850, RInlm p- | R4 |
| RP-030419 | 25.143 | 035 | - | 5.5.0 | Rel-5 | Correction of naming of frequency bands and operating band. Introduction of pass band | approved | F | 5.6.0 | UTRA repeater conformance testing | RInlm p-REP | R4 |
| RP-030462 | 25.211 | 186 | 1 | 5.4.0 | Rel-5 | Removal of the combination of TxAA Mode 1 with HS-SCCH | approved | F | 5.5.0 | Physical channels and mapping of transport channels onto physical channels (FDD) | HSDP A-Phys | R1 |
| RP-030456 | 25.212 | 178 | 4 | 5.5.0 | Rel-5 | Clarification on Single Transport Format Detection | approved | F | 5.6.0 | Multiplexing and channel coding (FDD) | TEI-5 | R1 |
| RP-030456 | 25.212 | 179 | - | 5.5.0 | Rel-5 | Correction on table number in first interleave description | approved | D | 5.6.0 | Multiplexing and channel coding (FDD) | TEI-5 | R1 |
| RP-030456 | 25.212 | 180 | 3 | 5.5.0 | Rel-5 | Broadening the conditions that require Ues to perform BTFD for the case of HS-DSCH reception | approved | C | 5.6.0 | Multiplexing and channel coding (FDD) | HSDP A-Phys | R1 |
| RP-030457 | 25.213 | 062 | - | 5.3.0 | Rel-5 | Clarification of 16QAM modulation description | approved | F | 5.4.0 | Spreading and modulation (FDD) | HSDP A-Phys | R1 |
| RP-030502 | 25.213 | 063 | 1 | 5.3.0 | Rel-5 | Scrambling code & phase reference combinations for DL HS channels | rejected | F | | Spreading and modulation (FDD) | HSDP A-Phys | R1 |
| RP-030458 | 25.214 | 325 | - | 5.5.0 | Rel-5 | Correction of CQI definition table | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |
| RP-030462 | 25.214 | 326 | - | 5.5.0 | Rel-5 | Removal of the combination of TxAA Mode 1 with HS-SCCH | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |
| RP-030458 | 25.214 | 328 | 2 | 5.5.0 | Rel-5 | Clarification of power scaling with HS-DPCCH | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |
| RP-030458 | 25.214 | 329 | 3 | 5.5.0 | Rel-5 | Correction of CQI reporting in DL compressed mode | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|-------------|---------|
| RP-030458 | 25.214 | 330 | 1 | 5.5.0 | Rel-5 | Clarification of HS-SCCH reception | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |
| RP-030513 | 25.214 | 332 | 2 | 3.12.0 | R99 | TPC pattern during loss of RL synchronisation | revised | F | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030522 | 25.214 | 332 | 3 | 3.12.0 | R99 | TPC pattern during loss of RL synchronisation | rejected | F | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030458 | 25.214 | 333 | 1 | 5.5.0 | Rel-5 | Clarification on CQI repetition behaviour | approved | F | 5.6.0 | Physical layer procedures (FDD) | HSDP A-Phys | R1 |
| RP-030513 | 25.214 | 334 | - | 4.6.0 | Rel-4 | TPC pattern during loss of RL synchronisation | revised | A | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030522 | 25.214 | 334 | 1 | 4.6.0 | Rel-4 | TPC pattern during loss of RL synchronisation | rejected | A | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030513 | 25.214 | 335 | - | 5.5.0 | Rel-5 | TPC pattern during loss of RL synchronisation | revised | A | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030522 | 25.214 | 335 | 1 | 5.5.0 | Rel-5 | TPC pattern during loss of RL synchronisation | revised | A | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030544 | 25.214 | 335 | 2 | 5.5.0 | Rel-5 | TPC pattern during loss of RL synchronisation | rejected | A | | Physical layer procedures (FDD) | TEI | R1 |
| RP-030547 | 25.214 | 335 | 3 | 5.5.0 | Rel-5 | TPC pattern during loss of RL synchronisation | approved | F | 5.6.0 | Physical layer procedures (FDD) | TEI | R1 |
| RP-030452 | 25.215 | 144 | 1 | 5.4.0 | Rel-5 | Beamforming Enhancement related measurements | approved | F | 5.5.0 | Physical layer; Measurements (FDD) | RANi mp-BFE | R1 |
| RP-030460 | 25.224 | 121 | 3 | 5.5.0 | Rel-5 | Clarification on PDSCH Downlink Power Control Procedures | approved | F | 5.6.0 | Physical layer procedures (TDD) | TEI-5 | R1 |
| RP-030476 | 25.224 | 123 | 1 | 3.12.0 | R99 | DTX and Special Bursts in case of no data on S-CCPCH and Beacon Channels | revised | F | | Physical layer procedures (TDD) | | R1 |
| RP-030533 | 25.224 | 123 | 2 | 3.12.0 | R99 | DTX and Special Bursts in case of no data on S-CCPCH and Beacon Channels | approved | F | 3.13.0 | Physical layer procedures (TDD) | | R1 |
| RP-030476 | 25.224 | 124 | 1 | 4.8.0 | Rel-4 | DTX and Special Bursts in case of no data on S-CCPCH and Beacon Channels | approved | A | 4.9.0 | Physical layer procedures (TDD) | | R1 |
| RP-030476 | 25.224 | 125 | 1 | 5.5.0 | Rel-5 | DTX and Special Bursts in case of no data on S-CCPCH and Beacon Channels | approved | A | 5.6.0 | Physical layer procedures (TDD) | | R1 |
| RP-030480 | 25.302 | 140 | - | 3.15.0 | R99 | Correction to FDD downlink transport channel combinations for SCCPCH | approved | F | 3.16.0 | Services provided by the physical layer | TEI | R2 |
| RP-030480 | 25.302 | 141 | - | 4.7.0 | Rel-4 | Correction to FDD downlink transport channel combinations for SCCPCH | approved | A | 4.8.0 | Services provided by the physical layer | TEI | R2 |
| RP-030480 | 25.302 | 142 | - | 5.5.0 | Rel-5 | Correction to FDD downlink transport channel combinations for SCCPCH | approved | A | 5.6.0 | Services provided by the physical layer | TEI | R2 |
| RP-030492 | 25.302 | 143 | - | 5.5.0 | Rel-5 | Correcting model of the UE's physical layer regarding DCH with HS-DSCH | approved | F | 5.6.0 | Services provided by the physical layer | TEI5 | R2 |
| RP-030481 | 25.305 | 090 | - | 3.9.0 | R99 | Correction to UE Positioning privacy procedures | approved | F | 3.10.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 091 | - | 4.5.0 | Rel-4 | Correction to UE Positioning privacy procedures | approved | A | 4.6.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 092 | - | 5.6.0 | Rel-5 | Correction to UE Positioning privacy procedures | approved | A | 5.7.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 093 | - | 3.9.0 | R99 | Alignment with 25.331 regarding A-GPS assistance data | approved | F | 3.10.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 094 | - | 4.5.0 | Rel-4 | Alignment with 25.331 regarding A-GPS assistance data | approved | A | 4.6.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|-----------|---------|
| RP-030481 | 25.305 | 095 | - | 5.6.0 | Rel-5 | Alignment with 25.331 regarding A-GPS assistance data | approved | A | 5.7.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 096 | - | 3.9.0 | R99 | UE positioning support in the UE | approved | F | 3.10.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 097 | - | 4.5.0 | Rel-4 | UE positioning support in the UE | approved | A | 4.6.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030481 | 25.305 | 098 | - | 5.6.0 | Rel-5 | UE positioning support in the UE | approved | A | 5.7.0 | User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2 | TEI | R2 |
| RP-030493 | 25.306 | 072 | - | 5.5.0 | Rel-5 | Addition of memory unit in UE Radio Access Capabilities tables | approved | F | 5.6.0 | UE Radio Access capabilities definition | HSDPA-L23 | R2 |
| RP-030482 | 25.306 | 073 | - | 3.8.0 | R99 | Correction of Maximum hc context space capability | approved | F | 3.9.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 074 | - | 4.7.0 | Rel-4 | Correction of Maximum hc context space capability | approved | A | 4.8.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 075 | - | 5.5.0 | Rel-5 | Correction of Maximum hc context space capability | approved | A | 5.6.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 076 | - | 3.8.0 | R99 | UE positioning support in the UE | approved | F | 3.9.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 077 | - | 4.7.0 | Rel-4 | UE positioning support in the UE | approved | A | 4.8.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 078 | - | 5.5.0 | Rel-5 | UE positioning support in the UE | approved | F | 5.6.0 | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 079 | - | 3.8.0 | R99 | Definition of minimum UE capability class | rejected | F | | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 080 | - | 4.7.0 | Rel-4 | Definition of minimum UE capability class | rejected | A | | UE Radio Access capabilities definition | TEI | R2 |
| RP-030482 | 25.306 | 081 | - | 5.5.0 | Rel-5 | Definition of minimum UE capability class | rejected | A | | UE Radio Access capabilities definition | TEI | R2 |
| RP-030494 | 25.321 | 174 | 1 | 5.5.0 | Rel-5 | MAC-hs Re-ordering Protocol Correction & MAC-hs window re-ordering | revised | F | | Medium Access Control (MAC) protocol specification | HSDPA-L23 | R2 |
| RP-030536 | 25.321 | 174 | 2 | 5.5.0 | Rel-5 | MAC-hs Re-ordering Protocol Correction & MAC-hs window re-ordering | approved | F | 5.6.0 | Medium Access Control (MAC) protocol specification | HSDPA-L23 | R2 |
| RP-030494 | 25.321 | 175 | - | 5.5.0 | Rel-5 | Addition of HS-DSCH Provided Bit Rate measurement | approved | C | 5.6.0 | Medium Access Control (MAC) protocol specification | HSDPA-L23 | R2 |
| RP-030501 | 25.321 | 176 | - | 3.15.0 | R99 | TFCS selection guidelines for TFC Subset | approved | F | 3.16.0 | Medium Access Control (MAC) protocol specification | TEI | R2 |
| RP-030501 | 25.321 | 177 | - | 4.8.0 | Rel-4 | TFCS selection guidelines for TFC Subset | approved | A | 4.9.0 | Medium Access Control (MAC) protocol specification | TEI | R2 |
| RP-030501 | 25.321 | 178 | - | 5.5.0 | Rel-5 | TFCS selection guidelines for TFC Subset | approved | A | 5.6.0 | Medium Access Control (MAC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 228 | - | 3.15.0 | R99 | SDU Concatenation Exceptions and SDU Concatenation in AM Mode | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 229 | - | 4.9.0 | Rel-4 | SDU Concatenation Exceptions and SDU Concatenation in AM Mode | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 230 | - | 5.5.0 | Rel-5 | SDU Concatenation Exceptions and SDU Concatenation in AM Mode | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 231 | 1 | 3.15.0 | R99 | Decision of Discarded SDUs from Discarded PDUs | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 232 | 1 | 4.9.0 | Rel-4 | Decision of Discarded SDUs from Discarded PDUs | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 233 | 1 | 5.5.0 | Rel-5 | Decision of Discarded SDUs from Discarded PDUs | approved | F | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| RP-030483 | 25.322 | 234 | 1 | 3.15.0 | R99 | RLC Reset Triggering and Update of VT(RST) | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 235 | 1 | 4.9.0 | Rel-4 | RLC Reset Triggering and Update of VT(RST) | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 236 | 1 | 5.5.0 | Rel-5 | RLC Reset Triggering and Update of VT(RST) | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 237 | - | 3.15.0 | R99 | Correction to the 'SDU discard with explicit signalling' procedure | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 238 | - | 4.9.0 | Rel-4 | Correction to the 'SDU discard with explicit signalling' procedure | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 239 | - | 5.5.0 | Rel-5 | Correction to the 'SDU discard with explicit signalling' procedure | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030478 | 25.322 | 240 | - | 3.15.0 | R99 | Elimination of EPC mechanism | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030478 | 25.322 | 241 | - | 4.9.0 | Rel-4 | Elimination of EPC mechanism | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030478 | 25.322 | 242 | - | 5.5.0 | Rel-5 | Elimination of EPC mechanism | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 243 | - | 3.15.0 | R99 | Correction of MRW and RESET timers in RLC | approved | F | 3.16.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 244 | - | 4.9.0 | Rel-4 | Correction of MRW and RESET timers in RLC | approved | A | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030483 | 25.322 | 245 | - | 5.5.0 | Rel-5 | Correction of MRW and RESET timers in RLC | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI | R2 |
| RP-030490 | 25.322 | 246 | - | 4.9.0 | Rel-4 | Reconfiguration of RLC window size | approved | F | 4.10.0 | Radio Link Control (RLC) protocol specification | TEI4 | R2 |
| RP-030490 | 25.322 | 247 | - | 5.5.0 | Rel-5 | Reconfiguration of RLC window size | approved | A | 5.6.0 | Radio Link Control (RLC) protocol specification | TEI4 | R2 |
| RP-030484 | 25.331 | 1991 | - | 3.15.0 | R99 | Handling of key sets at Inter-RAT Handover to UTRAN | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 1992 | - | 4.10.0 | Rel-4 | Handling of key sets at Inter-RAT Handover to UTRAN | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 1993 | - | 5.5.0 | Rel-5 | Handling of key sets at Inter-RAT Handover to UTRAN | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 1994 | - | 3.15.0 | R99 | Correction to UE Positioning privacy procedures | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 1995 | - | 4.10.0 | Rel-4 | Correction to UE Positioning privacy procedures | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 1996 | - | 5.5.0 | Rel-5 | Correction to UE Positioning privacy procedures | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030495 | 25.331 | 1997 | - | 5.5.0 | Rel-5 | Correction to UE behaviour on T317 expiry | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI5 | R2 |
| RP-030504 | 25.331 | 1998 | - | 3.15.0 | R99 | Reconfiguration with state transition to an indicated cell on a different frequency | revised | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030506 | 25.331 | 1998 | 1 | 3.15.0 | R99 | Reconfiguration with state transition to an indicated cell on a different frequency | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | - | R2 |
| RP-030504 | 25.331 | 1999 | - | 4.10.0 | Rel-4 | Reconfiguration with state transition to an indicated cell on a different frequency | revised | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030506 | 25.331 | 1999 | 1 | 4.10.0 | Rel-4 | Reconfiguration with state transition to an indicated cell on a different frequency | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | - | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| RP-030504 | 25.331 | 2000 | - | 5.5.0 | Rel-5 | Reconfiguration with state transition to an indicated cell on a different frequency | revised | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2001 | 1 | 3.15.0 | R99 | START calculation | revised | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030520 | 25.331 | 2001 | 2 | 3.15.0 | R99 | START calculation in connected mode | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2002 | 1 | 4.10.0 | Rel-4 | START calculation | revised | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030520 | 25.331 | 2002 | 2 | 4.10.0 | Rel-4 | START calculation in connected mode | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2003 | 1 | 5.5.0 | Rel-5 | START calculation | revised | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030520 | 25.331 | 2003 | 2 | 5.5.0 | Rel-5 | START calculation in connected mode | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2004 | - | 3.15.0 | R99 | PRACH channelisation code list limitation to align with TS 25.221 | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2005 | - | 4.10.0 | Rel-4 | PRACH channelisation code list limitation to align with TS 25.221 | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2006 | - | 5.5.0 | Rel-5 | PRACH channelisation code list limitation to align with TS 25.221 | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2007 | - | 3.15.0 | R99 | Handling of transport channel information at radio bearer release | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2008 | - | 4.10.0 | Rel-4 | Handling of transport channel information at radio bearer release | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2009 | - | 5.5.0 | Rel-5 | Handling of transport channel information at radio bearer release | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2010 | - | 3.15.0 | R99 | Reconfiguration with transition to CELL_PCH or URA_PCH | rejected | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2011 | - | 4.10.0 | Rel-4 | Reconfiguration with transition to CELL_PCH or URA_PCH | rejected | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030484 | 25.331 | 2012 | - | 5.5.0 | Rel-5 | Reconfiguration with transition to CELL_PCH or URA_PCH | rejected | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2013 | - | 3.15.0 | R99 | Corrections for TDD for the IEs "Downlink DPCH info common for all radio links" | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2014 | - | 4.10.0 | Rel-4 | Corrections for TDD for the IEs "Downlink DPCH info common for all radio links" | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2015 | - | 5.5.0 | Rel-5 | Corrections for TDD for the IEs "Downlink DPCH info common for all radio links" | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2016 | - | 3.15.0 | R99 | TFCS selection guidelines for TFC Subset | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2017 | - | 4.10.0 | Rel-4 | TFCS selection guidelines for TFC Subset | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2018 | - | 5.5.0 | Rel-5 | TFCS selection guidelines for TFC Subset | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030491 | 25.331 | 2019 | - | 4.10.0 | Rel-4 | Ciphering of TM SRBs | approved | F | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |
| RP-030491 | 25.331 | 2020 | - | 5.5.0 | Rel-5 | Ciphering of TM SRBs | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |
| RP-030491 | 25.331 | 2021 | 1 | 4.10.0 | Rel-4 | Correction on PDCP Header Compression Configuration | approved | F | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|--|------------|-----|-------------|---|--------------------------|---------|
| RP-030491 | 25.331 | 2022 | 1 | 5.5.0 | Rel-5 | Correction on PDCP Header Compression Configuration | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |
| RP-030485 | 25.331 | 2023 | - | 3.15.0 | R99 | Value range of UE Rx-Tx time difference type 2 measurement | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2024 | - | 4.10.0 | Rel-4 | Value range of UE Rx-Tx time difference type 2 measurement | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2025 | - | 5.5.0 | Rel-5 | Value range of UE Rx-Tx time difference type 2 measurement | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030491 | 25.331 | 2026 | - | 4.10.0 | Rel-4 | Corrections for TDD PUSCH | approved | F | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |
| RP-030491 | 25.331 | 2027 | - | 5.5.0 | Rel-5 | Corrections for TDD PUSCH | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI4 | R2 |
| RP-030449 | 25.331 | 2028 | - | 5.5.0 | Rel-5 | Reconfiguration of MAC-d flow | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030495 | 25.331 | 2029 | - | 5.5.0 | Rel-5 | Correcting value range of MAC-hs buffer ID | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030495 | 25.331 | 2030 | - | 5.5.0 | Rel-5 | Correction of handling of IE "MAC-hs reset indicator" in Added or Reconfigured DL TrCH information | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030485 | 25.331 | 2031 | 1 | 3.15.0 | R99 | Activation Time for DSCH | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2032 | 1 | 4.10.0 | Rel-4 | Activation Time for DSCH | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2033 | - | 5.5.0 | Rel-5 | Activation Time for HS-DSCH | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030479 | 25.331 | 2034 | - | 5.5.0 | Rel-5 | Maintaining the RRC Connection while Emergency camped on a F-PLMN during OOS | rejected | C | | Radio Resource Control (RRC) protocol specification | TEI5 | R2 |
| RP-030548 | 25.331 | 2034 | 1 | 5.5.0 | Rel-6 | Maintaining the RRC Connection while Emergency camped on a F-PLMN during OOS | approved | C | 6.0.0 | Radio Resource Control (RRC) protocol specification | TEI6 | R2 |
| RP-030495 | 25.331 | 2035 | 1 | 5.5.0 | Rel-5 | UE capability signalling for UMTS1800 | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | RInI p- UMTS 18 | R2 |
| RP-030485 | 25.331 | 2036 | 1 | 3.15.0 | R99 | START value calculation for RLC size change | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2037 | 1 | 4.10.0 | Rel-4 | START value calculation for RLC size change | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030495 | 25.331 | 2039 | - | 5.5.0 | Rel-5 | Handover between UTRAN and GERAN Iu mode | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI5 | R2 |
| RP-030495 | 25.331 | 2040 | - | 5.5.0 | Rel-5 | Updated references to the RRC State Indicator IE | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI5 | R2 |
| RP-030495 | 25.331 | 2041 | - | 5.5.0 | Rel-5 | Corrections to Event 1D | approved | C | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI5 | R2 |
| RP-030485 | 25.331 | 2042 | - | 3.15.0 | R99 | Correction of PDCP Configuration for RFC 2507 | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2043 | - | 4.10.0 | Rel-4 | Correction of PDCP Configuration for RFC 2507 | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030485 | 25.331 | 2044 | - | 5.5.0 | Rel-5 | Correction of PDCP Configuration for RFC 2507 | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|---|------------|-----|-------------|---|------------|---------|
| RP-030486 | 25.331 | 2046 | - | 3.15.0 | R99 | Corrections to event list handling | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2047 | - | 4.10.0 | Rel-4 | Corrections to event list handling | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2048 | - | 5.5.0 | Rel-5 | Corrections to event list handling | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2049 | - | 3.15.0 | R99 | Corrections to RACH reporting | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2050 | - | 4.10.0 | Rel-4 | Corrections to RACH reporting | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2051 | - | 5.5.0 | Rel-5 | Corrections to RACH reporting | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2052 | - | 3.15.0 | R99 | Corrections to modification of Additional Measurement lists | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2053 | - | 4.10.0 | Rel-4 | Corrections to modification of Additional Measurement lists | approved | F | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2054 | - | 5.5.0 | Rel-5 | Corrections to modification of Additional Measurement lists | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2055 | 1 | 3.15.0 | R99 | UE positioning support in the UE | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2056 | - | 4.10.0 | Rel-4 | UE positioning support in the UE | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2057 | - | 5.5.0 | Rel-5 | UE positioning support in the UE | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2058 | 1 | 3.15.0 | R99 | Corrections for minimum UE capability class | revised | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030552 | 25.331 | 2058 | 2 | 3.15.0 | R99 | Corrections for minimum UE capability class | rejected | F | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2059 | 1 | 4.10.0 | Rel-4 | Corrections for minimum UE capability class | revised | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030552 | 25.331 | 2059 | 2 | 4.10.0 | Rel-4 | Corrections for minimum UE capability class | rejected | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2060 | 1 | 5.5.0 | Rel-5 | Corrections for minimum UE capability class | revised | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030552 | 25.331 | 2060 | 2 | 5.5.0 | Rel-5 | Corrections for minimum UE capability class | rejected | A | | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030462 | 25.331 | 2061 | - | 5.5.0 | Rel-5 | HS-SCCH transmit diversity mode | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030478 | 25.331 | 2062 | - | 3.15.0 | R99 | Elimination of EPC mechanism | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030478 | 25.331 | 2063 | - | 4.10.0 | Rel-4 | Elimination of EPC mechanism | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030478 | 25.331 | 2064 | - | 5.5.0 | Rel-5 | Elimination of EPC mechanism | approved | A | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030502 | 25.331 | 2065 | - | 5.5.0 | Rel-5 | Scrambling code & phase reference combinations for HS-DSCH (solution 1) | rejected | C | | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |
| RP-030503 | 25.331 | 2066 | - | 5.5.0 | Rel-5 | Scrambling code & phase reference combinations for HS-DSCH (solution 2) | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | HSDP A-L23 | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|------|-----|-----------------|-------|--|------------|-----|-------------|---|---------------------|---------|
| RP-030486 | 25.331 | 2067 | - | 3.15.0 | R99 | UE behaviour in transition from CELL_DCH to CELL_FACH/ CELL_PCH/URA_PCH and Out of Service is detected | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2068 | - | 4.10.0 | Rel-4 | UE behaviour in transition from CELL_DCH to CELL_FACH/ CELL_PCH/URA_PCH and Out of Service is detected | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030486 | 25.331 | 2069 | - | 5.5.0 | Rel-5 | UE behaviour in transition from CELL_DCH to CELL_FACH/ CELL_PCH/URA_PCH and Out of Service is detected | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030505 | 25.331 | 2070 | 2 | 3.15.0 | R99 | Radio link failure during reconfiguration procedure | approved | F | 3.16.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030505 | 25.331 | 2071 | 2 | 4.10.0 | Rel-4 | Radio link failure during reconfiguration procedure | approved | A | 4.11.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030505 | 25.331 | 2072 | 1 | 5.5.0 | Rel-5 | Radio link failure during reconfiguration procedure | approved | F | 5.6.0 | Radio Resource Control (RRC) protocol specification | TEI | R2 |
| RP-030445 | 25.413 | 578 | - | 5.5.0 | Rel-5 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | F | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI5 | R3 |
| RP-030437 | 25.413 | 582 | 1 | 3.13.0 | R99 | Essential Correction of Iu Release Request issue | approved | F | 3.14.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI | R3 |
| RP-030437 | 25.413 | 583 | 1 | 4.9.0 | Rel-4 | Essential Correction of Iu Release Request issue | approved | A | 4.10.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI | R3 |
| RP-030437 | 25.413 | 584 | 1 | 5.5.0 | Rel-5 | Essential Correction of Iu Release Request issue | approved | A | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI | R3 |
| RP-030439 | 25.413 | 586 | 2 | 5.5.0 | Rel-5 | Introduction of positioning methods | approved | B | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI5 | R3 |
| RP-030439 | 25.413 | 590 | 1 | 5.5.0 | Rel-5 | Alignment of RANAP and RNSAP CRRM solutions | approved | F | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | RANi mp- RRM1 | R3 |
| RP-030439 | 25.413 | 594 | - | 5.5.0 | Rel-5 | RNC use of IMSI within Relocation Resource Allocation | approved | F | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI5 | R3 |
| RP-030446 | 25.413 | 595 | - | 5.5.0 | Rel-5 | Removal of the "Note" in chapter 10 | approved | F | 5.6.0 | UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling | TEI5 | R3 |
| RP-030445 | 25.419 | 118 | - | 5.4.0 | Rel-5 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | F | 5.5.0 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | TEI5 | R3 |
| RP-030446 | 25.419 | 119 | 1 | 5.4.0 | Rel-5 | Removal of the "Note" in chapter 10 | approved | F | 5.5.0 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | TEI5 | R3 |
| RP-030438 | 25.419 | 123 | 2 | 4.8.0 | Rel-4 | Correction of Number of Broadcast to be Reported | approved | F | 4.9.0 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | TEI4 | R3 |
| RP-030438 | 25.419 | 124 | 2 | 5.4.0 | Rel-5 | Correction of Number of Broadcast Reported | approved | A | 5.5.0 | UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) | TEI4 | R3 |
| RP-030451 | 25.423 | 843 | 2 | 5.6.0 | Rel-5 | Discard timer signalling for HSDPA | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A- IuIur | R3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|-----------------------|---------|
| RP-030452 | 25.423 | 844 | 1 | 5.6.0 | Rel-5 | Phase Reference Signalling Support | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5 | R3 |
| RP-030449 | 25.423 | 847 | 2 | 5.6.0 | Rel-5 | HS-DSCH Priority Queue to Modify | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A-IubIur | R3 |
| RP-030450 | 25.423 | 848 | 1 | 5.6.0 | Rel-5 | MAC-hs Reordering Buffer Size | revised | F | | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A-IubIur | R3 |
| RP-030536 | 25.423 | 848 | 2 | 5.6.0 | Rel-5 | MAC-hs Reordering Buffer Size | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A-IubIur | R3 |
| RP-030443 | 25.423 | 850 | - | 3.13.0 | R99 | Corrections to Tx Diversity | approved | F | 3.14.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI | R3 |
| RP-030443 | 25.423 | 851 | - | 4.9.0 | Rel-4 | Corrections to Tx Diversity | approved | A | 4.10.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI | R3 |
| RP-030443 | 25.423 | 852 | - | 5.6.0 | Rel-5 | Corrections to Tx Diversity | approved | A | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI | R3 |
| RP-030440 | 25.423 | 853 | 1 | 5.6.0 | Rel-5 | Correction of the Measurement Increase/Decrease Threshold IE | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5 | R3 |
| RP-030444 | 25.423 | 855 | - | 4.9.0 | Rel-4 | "On Modification" and "Periodic" reporting alignment for Information Exchange procedures | approved | F | 4.10.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI4 | R3 |
| RP-030444 | 25.423 | 856 | - | 5.6.0 | Rel-5 | "On Modification" and "Periodic" reporting alignment for Information Exchange procedures | approved | A | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI4 | R3 |
| RP-030445 | 25.423 | 857 | - | 5.6.0 | Rel-5 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5 | R3 |
| RP-030440 | 25.423 | 858 | - | 5.6.0 | Rel-5 | Corrections on Uplink Signalling Transfer | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5 | R3 |
| RP-030447 | 25.423 | 860 | 2 | 5.6.0 | Rel-5 | Coordination with RRC about the TFS of DL DCH for HS-DSCH | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A-IubIur | R3 |
| RP-030453 | 25.423 | 862 | 1 | 5.6.0 | Rel-5 | HS-DSCH information usage description clarification | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | HSDP A-IubIur | R3 |
| RP-030440 | 25.423 | 865 | 1 | 5.6.0 | Rel-5 | RNSAP correction for CRRM alignment | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5, RANi mp-ImpR RM | R3 |
| RP-030446 | 25.423 | 866 | - | 5.6.0 | Rel-5 | Removal of the "Note" in chapter 10 | approved | F | 5.7.0 | UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling | TEI5 | R3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|---------------|---------|
| RP-030448 | 25.424 | 025 | 1 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iur interface data transport & transport signalling for CCH data streams | HSDP A-lublur | R3 |
| RP-030507 | 25.424 | 025 | 2 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iur interface data transport & transport signalling for CCH data streams | HSDP A-lublur | R3 |
| RP-030538 | 25.424 | 025 | 3 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | approved | F | 5.2.0 | UTRAN Iur interface data transport & transport signalling for CCH data streams | HSDP A-lublur | R3 |
| RP-030448 | 25.426 | 031 | 1 | 5.2.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | HSDP A-lublur | R3 |
| RP-030507 | 25.426 | 031 | 2 | 5.2.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | HSDP A-lublur | R3 |
| RP-030538 | 25.426 | 031 | 3 | 5.2.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | approved | F | 5.3.0 | UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams | HSDP A-lublur | R3 |
| RP-030447 | 25.427 | 089 | 1 | 5.1.0 | Rel-5 | Coordination with RRC about the TFS of DL DCH for HS-DSCH | approved | F | 5.2.0 | UTRAN Iur and Iub interface user plane protocols for DCH data streams | HSDP A-lublur | R3 |
| RP-030451 | 25.433 | 868 | 2 | 5.5.0 | Rel-5 | Discard timer signalling for HSDPA | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |
| RP-030452 | 25.433 | 869 | 1 | 5.5.0 | Rel-5 | Phase Reference Signalling Support | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030449 | 25.433 | 874 | 2 | 5.5.0 | Rel-5 | HS-DSCH Priority Queue to Modify | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |
| RP-030450 | 25.433 | 875 | 1 | 5.5.0 | Rel-5 | MAC-hs Reordering Buffer Size | revised | F | | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |
| RP-030536 | 25.433 | 875 | 2 | 5.5.0 | Rel-5 | MAC-hs Reordering Buffer Size | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |
| RP-030441 | 25.433 | 876 | 1 | 5.5.0 | Rel-5 | Correction of HS-SCCH Code IE | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |
| RP-030441 | 25.433 | 877 | 1 | 5.5.0 | Rel-5 | Power configuration of PDSCH for TDD | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030443 | 25.433 | 879 | - | 3.13.0 | R99 | Corrections to Tx Diversity | approved | F | 3.14.0 | UTRAN Iub interface NBAP signalling | TEI | R3 |
| RP-030443 | 25.433 | 880 | - | 4.9.0 | Rel-4 | Corrections to Tx Diversity | approved | A | 4.10.0 | UTRAN Iub interface NBAP signalling | TEI | R3 |
| RP-030443 | 25.433 | 881 | - | 5.5.0 | Rel-5 | Corrections to Tx Diversity | approved | A | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI | R3 |
| RP-030444 | 25.433 | 883 | - | 4.9.0 | Rel-4 | "On Modification" and "Periodic" reporting alignment for Information Exchange procedures | approved | F | 4.10.0 | UTRAN Iub interface NBAP signalling | TEI4 | R3 |
| RP-030444 | 25.433 | 884 | - | 5.5.0 | Rel-5 | "On Modification" and "Periodic" reporting alignment for Information Exchange procedures | approved | A | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI4 | R3 |
| RP-030445 | 25.433 | 886 | - | 5.5.0 | Rel-5 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030446 | 25.433 | 887 | 1 | 5.5.0 | Rel-5 | Removal of the "Note" in chapter 10 | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030441 | 25.433 | 888 | 1 | 5.5.0 | Rel-5 | Correction for the start code number of HS-PDSCH | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-lublur | R3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|---------------|---------|
| RP-030447 | 25.433 | 890 | 2 | 5.5.0 | Rel-5 | Coordination with RRC about the TFS of DL DCH for HS-DSCH | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-IubIur | R3 |
| RP-030453 | 25.433 | 893 | 2 | 5.5.0 | Rel-5 | HS-DSCH information usage description correction | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | HSDP A-IubIur | R3 |
| RP-030441 | 25.433 | 894 | - | 5.5.0 | Rel-5 | Correction of CR 609 implementation error on definition of end of audit sequence indicator and dwPCH power | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030441 | 25.433 | 898 | 2 | 5.5.0 | Rel-5 | Clarification to the Constant Value for TDD | approved | F | 5.6.0 | UTRAN Iub interface NBAP signalling | TEI5 | R3 |
| RP-030448 | 25.434 | 027 | 1 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iub interface data transport & transport signalling for CCH data streams | HSDP A-IubIur | R3 |
| RP-030507 | 25.434 | 027 | 2 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | revised | F | | UTRAN Iub interface data transport & transport signalling for CCH data streams | HSDP A-IubIur | R3 |
| RP-030538 | 25.434 | 027 | 3 | 5.1.0 | Rel-5 | Handling of maximum bit rate exceeding 2048Kbit/s | approved | F | 5.2.0 | UTRAN Iub interface data transport & transport signalling for CCH data streams | HSDP A-IubIur | R3 |
| RP-030442 | 25.453 | 051 | - | 5.6.0 | Rel-5 | Correction to an incorrect implementation in the Requested Data Value Information IE | approved | F | 5.7.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030442 | 25.453 | 052 | - | 6.1.0 | Rel-6 | Correction to an incorrect implementation in the Requested Data Value Information IE | approved | A | 6.2.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030445 | 25.453 | 053 | - | 5.6.0 | Rel-5 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | F | 5.7.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030445 | 25.453 | 054 | - | 6.1.0 | Rel-6 | Alignment of title and sub-clause text of chapter 10.3.4.2 | approved | A | 6.2.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030446 | 25.453 | 058 | - | 5.6.0 | Rel-5 | Removal of the "Note" in chapter 10 | approved | F | 5.7.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030446 | 25.453 | 059 | - | 6.1.0 | Rel-6 | Removal of the "Note" in chapter 10 | approved | A | 6.2.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | TEI5 | R3 |
| RP-030454 | 25.453 | 060 | - | 6.1.0 | Rel-6 | Improvement of position calculation with pathloss | approved | C | 6.2.0 | UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling | LCS-Rel4Pos | R3 |
| RP-030488 | 25.921 | 045 | - | 3.8.0 | R99 | Guideline on introducing additional SIB types | approved | F | 3.9.0 | Guidelines and principles for protocol description and error handling | TEI | R2 |
| RP-030488 | 25.921 | 046 | - | 4.5.0 | Rel-4 | Guideline on introducing additional SIB types | approved | A | 4.6.0 | Guidelines and principles for protocol description and error handling | TEI | R2 |
| RP-030488 | 25.921 | 047 | - | 5.1.0 | Rel-5 | Guideline on introducing additional SIB types | approved | A | 5.2.0 | Guidelines and principles for protocol description and error handling | TEI | R2 |
| RP-030496 | 25.922 | 023 | 1 | 5.0.0 | Rel-5 | UTRAN-GERAN handovers | approved | F | 5.1.0 | Radio Resource Management Strategies | TEI5 | R2 |
| RP-030496 | 25.922 | 024 | - | 5.0.0 | Rel-5 | Admission Control strategies in case of Handover | approved | C | 5.1.0 | Radio Resource Management Strategies | TEI5 | R2 |
| RP-030496 | 25.922 | 025 | - | 5.0.0 | Rel-5 | Example of congestion control strategies | approved | C | 5.1.0 | Radio Resource Management Strategies | TEI5 | R2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|-----------------------------------|---------|
| RP-030422 | 25.942 | 011 | 1 | 6.0.0 | Rel-6 | Methodology for coexistence studies of UTRA FDD with other radio technologies | approved | F | 6.1.0 | RF system scenarios | RInI p- UMTS 850 | R4 |
| RP-030424 | 25.951 | 002 | 1 | 6.1.0 | Rel-6 | Localised interference in an operator's own network | approved | B | 6.2.0 | Base Station (BS) classification (FDD) | RInI p- BSCla ss- FDD | R4 |
| RP-030489 | 25.993 | 011 | - | 6.2.0 | Rel-6 | Corrections on required capabilities for 32kbps UE class | rejected | F | | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | TEI | R2 |
| RP-030497 | 25.993 | 012 | - | 6.2.0 | Rel-6 | IMS RAB scenarios | approved | F | 6.3.0 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | TEI5 | R2 |
| RP-030489 | 25.993 | 013 | - | 6.2.0 | Rel-6 | Addition of Streaming RABs | approved | F | 6.3.0 | Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) | TEI | R2 |
| RP-030461 | 25.996 | 001 | 2 | 6.0.0 | Rel-6 | Corrections and clarifications to Spatial Channel Model Technical Report | approved | F | 6.1.0 | Spatial channel model for Multiple Input Multiple Output (MIMO) simulations | RInI p- MIMO | R1 |
| SP-030444 | 26.073 | 018 | - | 5.1.0 | Rel-5 | Correction of the MMS_IO flag | approved | F | 5.2.0 | AMR speech Codec; C-source code | AMR | S4 |
| SP-030445 | 26.132 | 026 | - | 5.3.0 | Rel-5 | Loudness rating measurements at lower bit rates | approved | F | 5.4.0 | Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification | TEI5 | S4 |
| SP-030446 | 26.173 | 019 | - | 5.7.1 | Rel-5 | Possible decoder LPC coefficients overflow | approved | F | 5.8.0 | ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec | AMR WB | S4 |
| SP-030447 | 26.204 | 008 | - | 5.1.0 | Rel-5 | Possible decoder LPC coefficients overflow | approved | F | 5.2.0 | ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec | AMR WB- FP | S4 |
| SP-030448 | 26.234 | 061 | 1 | 5.5.0 | Rel-5 | Clarification on session bandwidth for RS and RR RTCP modifiers | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 062 | 1 | 5.5.0 | Rel-5 | Correction of ambiguous range headers in SDP | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 063 | 1 | 5.5.0 | Rel-5 | Timed-Text layout example | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 064 | - | 5.5.0 | Rel-5 | Correction of ambiguity in RTP timestamps handling after PAUSE/PLAY RTSP requests | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 065 | - | 5.5.0 | Rel-5 | Correction of obsolete RTP references | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 066 | 1 | 5.5.0 | Rel-5 | Correction of wrong reference | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030448 | 26.234 | 067 | - | 5.5.0 | Rel-5 | Missing signaling of live content | approved | F | 5.6.0 | Transparent end-to-end streaming service; Protocols and codecs | PSS-E | S4 |
| SP-030449 | 26.236 | 006 | - | 5.3.0 | Rel-5 | Correction of obsolete RTP references | approved | F | 5.4.0 | Packet switched conversational multimedia applications; Transport protocols | IMS- CODE C | S4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|-----------|---------|
| SP-030449 | 26.236 | 007 | 1 | 5.3.0 | Rel-5 | Correction of wrong reference | approved | F | 5.4.0 | Packet switched conversational multimedia applications; Transport protocols | IMS-CODEC | S4 |
| SP-030450 | 26.976 | 001 | - | 5.0.0 | Rel-5 | Reference to incorrect test results | approved | F | 5.1.0 | Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec | AMR-WB | S4 |
| NP-030328 | 27.001 | 100 | 3 | 5.6.0 | Rel-5 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | A | 5.7.0 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | TEI | N3 |
| NP-030328 | 27.001 | 102 | 1 | 3.12.0 | R99 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | F | 3.13.0 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | TEI | N3 |
| NP-030328 | 27.001 | 103 | 1 | 4.10.0 | Rel-4 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | A | 4.11.0 | General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) | TEI | N3 |
| TP-030172 | 27.007 | 111 | - | 6.2.0 | Rel-6 | Adding reference to 24.008 for the 3G QoS AT-commands. | revised | A | | AT command set for 3G User Equipment (UE) | TEI5 | T2 |
| TP-030212 | 27.007 | 111 | 1 | 6.3.0 | Rel-6 | Adding reference to 24.008 for the 3G QoS AT-commands. | approved | A | 6.4.0 | AT command set for 3G User Equipment (UE) | TEI5 | T2 |
| TP-030172 | 27.007 | 112 | - | 5.3.0 | Rel-5 | Adding reference to 24.008 for the 3G QoS AT-commands. | withdrawn | F | | AT command set for 3G User Equipment (UE) | TEI5 | T2 |
| TP-030212 | 27.007 | 112 | - | 5.3.0 | Rel-5 | Adding reference to 24.008 for the 3G QoS AT-commands. | approved | F | 5.4.0 | AT command set for 3G User Equipment (UE) | TEI5 | T2 |
| TP-030172 | 27.007 | 113 | - | 4.6.0 | Rel-4 | Corrections to AcTs of PLMN Selection | withdrawn | F | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| TP-030212 | 27.007 | 113 | - | 4.6.0 | Rel-4 | Corrections to AcTs of PLMN Selection | withdrawn | F | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| TP-030172 | 27.007 | 114 | - | 5.3.0 | Rel-5 | Corrections to AcTs of PLMN Selection | withdrawn | A | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| TP-030212 | 27.007 | 114 | - | 5.3.0 | Rel-5 | Corrections to AcTs of PLMN Selection | withdrawn | A | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| TP-030172 | 27.007 | 115 | - | 6.2.0 | Rel-6 | Corrections to AcTs of PLMN Selection | revised | A | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| TP-030212 | 27.007 | 115 | 1 | 6.3.0 | Rel-6 | Corrections to AcTs of PLMN Selection | withdrawn | A | | AT command set for 3G User Equipment (UE) | TI-ATC | T2 |
| NP-030332 | 27.060 | 086 | 2 | 5.4.0 | Rel-5 | Correcting concept description from media level to IP level | approved | F | 5.5.0 | Packet domain; Mobile Station (MS) supporting Packet Switched services | E2EQoS | N3 |
| NP-030340 | 27.060 | 087 | 1 | 5.4.0 | Rel-5 | Correcting that SBLP is needed for applying functions | approved | F | 5.5.0 | Packet domain; Mobile Station (MS) supporting Packet Switched services | E2EQoS | N3 |
| SP-030451 | 28.062 | 040 | - | 5.3.0 | Rel-5 | Removal of Pre-Handover Notification for UMTS | approved | F | 5.4.0 | Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 | TEI5 | S4 |
| NP-030378 | 29.002 | 582 | 2 | 4.12.0 | Rel-4 | Correction to MAP Process Secure_MAP_DSM SDLs | approved | F | 4.13.0 | Mobile Application Part (MAP) specification | Security | N4 |
| NP-030378 | 29.002 | 583 | 2 | 5.6.2 | Rel-5 | Correction to MAP Process Secure_MAP_DSM SDLs | approved | A | 5.7.0 | Mobile Application Part (MAP) specification | Security | N4 |
| NP-030378 | 29.002 | 584 | 2 | 6.2.0 | Rel-6 | Correction to MAP Process Secure_MAP_DSM SDLs | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | Security | N4 |
| NP-030393 | 29.002 | 596 | 1 | 5.6.2 | Rel-5 | SRF-based solution for correct charging of calls to ported or non-portable subscribers originated by pre-paid subscribers | rejected | B | | Mobile Application Part (MAP) specification | MNP | N4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|---------|---------|
| NP-030393 | 29.002 | 597 | 1 | 6.2.0 | Rel-6 | SRF-based solution for correct charging of calls to ported or non-portd subscribers originated by pre-paid subscribers | rejected | B | | Mobile Application Part (MAP) specification | MNP | N4 |
| NP-030387 | 29.002 | 613 | 3 | 5.6.2 | Rel-5 | HLR Interrogation for SCUDIF calls | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | SCUD IF | N4 |
| NP-030387 | 29.002 | 614 | 3 | 6.2.0 | Rel-6 | HLR Interrogation for SCUDIF calls | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | SCUD IF | N4 |
| NP-030392 | 29.002 | 615 | 2 | 5.6.2 | Rel-5 | Incorrect Charging with MNP | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | MNP | N4 |
| NP-030392 | 29.002 | 616 | 2 | 6.2.0 | Rel-6 | Incorrect Charging with MNP | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | MNP | N4 |
| NP-030391 | 29.002 | 636 | 2 | 5.6.2 | Rel-5 | Provision of SDL diagrams and removal of redundant text in chapter 19 | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030391 | 29.002 | 637 | 1 | 6.2.0 | Rel-6 | Provision of SDL diagrams and removal of redundant text in chapter 19 | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030391 | 29.002 | 638 | - | 5.6.2 | Rel-5 | Provision of SDL diagrams and removal of redundant text in chapter 20 | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030391 | 29.002 | 639 | - | 6.2.0 | Rel-6 | Provision of SDL diagrams and removal of redundant text in chapter 20 | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030391 | 29.002 | 640 | - | 5.6.2 | Rel-5 | Provision of SDL diagrams and removal of redundant text in chapter 21 | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030391 | 29.002 | 641 | - | 6.2.0 | Rel-6 | Provision of SDL diagrams and removal of redundant text in chapter 21 | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | TEI5 | N4 |
| NP-030397 | 29.002 | 642 | - | 6.2.0 | Rel-6 | Removal of SIWF description | withdrawn | F | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 642 | - | 6.2.0 | Rel-6 | Removal of SIWF description | approved | F | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030397 | 29.002 | 643 | - | 6.2.0 | Rel-6 | Deletion of redundant Annex D | withdrawn | D | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 643 | - | 6.2.0 | Rel-6 | Deletion of redundant Annex D | approved | D | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030397 | 29.002 | 644 | - | 6.2.0 | Rel-6 | Incorrect CAMEL pre-paid charging in MNP networks | withdrawn | D | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 644 | - | 6.2.0 | Rel-6 | Incorrect CAMEL pre-paid charging in MNP networks | approved | D | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030398 | 29.002 | 645 | 1 | 6.2.0 | Rel-6 | Introduction of North American Interim Location Based Routing | withdrawn | B | | Mobile Application Part (MAP) specification | LCS2 | N4 |
| NP-030427 | 29.002 | 645 | 1 | 6.2.0 | Rel-6 | Introduction of North American Interim Location Based Routing | approved | B | 6.3.0 | Mobile Application Part (MAP) specification | LCS2 | N4 |
| NP-030390 | 29.002 | 646 | 1 | 5.6.2 | Rel-5 | UESBI format | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | LATE_UE | N4 |
| NP-030390 | 29.002 | 647 | 1 | 6.2.0 | Rel-6 | UESBI format | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | LATE_UE | N4 |
| NP-030397 | 29.002 | 648 | - | 6.2.0 | Rel-6 | Correction of wrong AC name in the table in 17.1.6 | withdrawn | D | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 648 | - | 6.2.0 | Rel-6 | Correction of wrong AC name in the table in 17.1.6 | approved | D | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030397 | 29.002 | 649 | - | 6.2.0 | Rel-6 | Correction of References | withdrawn | F | | Mobile Application Part (MAP) specification | TEI6 | N4 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|----------|---------|
| NP-030426 | 29.002 | 649 | - | 6.2.0 | Rel-6 | Correction of References | approved | F | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030397 | 29.002 | 650 | 1 | 6.2.0 | Rel-6 | Add SGSN, GGSN, GMLC, gsmSCF, NPLR and AuC to network resource parameter | withdrawn | F | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 650 | 1 | 6.2.0 | Rel-6 | Add SGSN, GGSN, GMLC, gsmSCF, NPLR and AuC to network resource parameter | approved | F | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030398 | 29.002 | 654 | - | 6.2.0 | Rel-6 | New LCS Service Types | withdrawn | B | | Mobile Application Part (MAP) specification | LCS2 | N4 |
| NP-030427 | 29.002 | 654 | - | 6.2.0 | Rel-6 | New LCS Service Types | approved | B | 6.3.0 | Mobile Application Part (MAP) specification | LCS2 | N4 |
| NP-030386 | 29.002 | 656 | - | 5.6.2 | Rel-5 | Reduce maximum length of "LCS Requestor ID" and "LCS" | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | LCS1 | N4 |
| NP-030386 | 29.002 | 657 | - | 6.2.0 | Rel-6 | Reduce maximum length of "LCS Requestor ID" and "LCS" | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | LCS1 | N4 |
| NP-030387 | 29.002 | 659 | 2 | 5.6.2 | Rel-5 | Notification of the 2nd BSG in case of Late CF with OR | approved | F | 5.7.0 | Mobile Application Part (MAP) specification | SCUD IF | N4 |
| NP-030387 | 29.002 | 660 | 2 | 6.2.0 | Rel-6 | Notification of the 2nd BSG in case of Late CF with OR | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | SCUD IF | N4 |
| NP-030379 | 29.002 | 661 | 1 | 3.17.0 | R99 | Correction of encoding description of Group-Id | approved | A | 3.18.0 | Mobile Application Part (MAP) specification | ASCI | N4 |
| NP-030379 | 29.002 | 662 | 1 | 4.12.0 | Rel-4 | Correction of encoding description of Group-Id | approved | A | 4.13.0 | Mobile Application Part (MAP) specification | ASCI | N4 |
| NP-030379 | 29.002 | 663 | 1 | 5.6.2 | Rel-5 | Correction of encoding description of Group-Id | approved | A | 5.7.0 | Mobile Application Part (MAP) specification | ASCI | N4 |
| NP-030379 | 29.002 | 664 | 1 | 6.2.0 | Rel-6 | Correction of encoding description of Group-Id | approved | A | 6.3.0 | Mobile Application Part (MAP) specification | ASCI | N4 |
| NP-030397 | 29.002 | 671 | - | 6.2.0 | Rel-6 | SS-Barring Category | withdrawn | D | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030426 | 29.002 | 671 | - | 6.2.0 | Rel-6 | SS-Barring Category | approved | D | 6.3.0 | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030397 | 29.002 | 674 | - | 6.2.0 | Rel-6 | Positioning Data for UTRAN LCS | withdrawn | F | | Mobile Application Part (MAP) specification | TEI6 | N4 |
| NP-030427 | 29.002 | 674 | - | 6.2.0 | Rel-6 | Positioning Data for UTRAN LCS | approved | F | 6.3.0 | Mobile Application Part (MAP) specification | LCS2 | N4 |
| NP-030328 | 29.007 | 080 | 2 | 5.6.0 | Rel-5 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | A | 5.7.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030329 | 29.007 | 081 | 1 | 5.6.0 | Rel-5 | Alignment of negotiation rules with 27.001 | approved | A | 5.7.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030327 | 29.007 | 083 | 2 | 4.8.0 | Rel-4 | Clarification of Handover description | approved | F | 4.9.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | CSSP LIT | N3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|--|----------|---------|
| NP-030327 | 29.007 | 084 | 2 | 5.6.0 | Rel-5 | Clarification of Handover description | approved | A | 5.7.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | CSSP LIT | N3 |
| NP-030329 | 29.007 | 085 | - | 3.12.0 | R99 | Alignment of negotiation rules with 27.001 | approved | F | 3.13.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030329 | 29.007 | 086 | - | 4.8.0 | Rel-4 | Alignment of negotiation rules with 27.001 | approved | A | 4.9.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030328 | 29.007 | 087 | - | 3.12.0 | R99 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | F | 3.13.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030328 | 29.007 | 088 | - | 4.8.0 | Rel-4 | Interpretation of "no BC-IE in CALL PROC/CONF messages" | approved | A | 4.9.0 | General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) | TEI | N3 |
| NP-030390 | 29.010 | 091 | - | 5.3.1 | Rel-5 | Addition of Early UE specific cause code mapping | approved | F | 5.4.0 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | LATE_UE | N4 |
| NP-030397 | 29.010 | 092 | 2 | 5.3.1 | Rel-6 | Information transfer at MAP-E interface during inter MSC handover/relocation | revised | F | | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | TEI6 | N4 |
| NP-030426 | 29.010 | 092 | 2 | 5.3.1 | Rel-6 | Information transfer at MAP-E interface during inter MSC handover/relocation | approved | F | 6.0.0 | Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP) | TEI6 | N4 |
| NP-030405 | 29.018 | 036 | - | 3.10.0 | R99 | Aligning IMEI in 29.018 with 23.003 | approved | F | 3.11.0 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | TEI | N1 |
| NP-030405 | 29.018 | 037 | - | 4.4.0 | Rel-4 | Aligning IMEI in 29.018 with 23.003 | approved | A | 4.5.0 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | TEI | N1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|-----------|---------|
| NP-030405 | 29.018 | 038 | - | 5.4.0 | Rel-5 | Aligning IMEI in 29.018 with 23.003 | approved | A | 5.5.0 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | TEI | N1 |
| NP-030417 | 29.018 | 039 | - | 5.4.0 | Rel-5 | Correction to location update procedures in VLR | approved | F | 5.5.0 | General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification | LATE_UE | N1 |
| NP-030381 | 29.060 | 432 | - | 4.8.0 | Rel-4 | Correction of incorrect reference to a withdrawn specification | approved | F | 4.9.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI4 | N4 |
| NP-030381 | 29.060 | 433 | - | 5.6.0 | Rel-5 | Correction of incorrect reference to a withdrawn specification | approved | A | 5.7.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI4 | N4 |
| NP-030381 | 29.060 | 434 | - | 6.1.0 | Rel-6 | Correction of incorrect reference to a withdrawn specification | approved | A | 6.2.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI4 | N4 |
| NP-030382 | 29.060 | 435 | - | 3.17.0 | R99 | Correction of incorrect reference | rejected | F | | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI | N4 |
| NP-030396 | 29.060 | 436 | 1 | 6.1.0 | Rel-6 | Removal of End User Address from Create Subsequent PDP Context Response | approved | F | 6.2.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI6 | N4 |
| NP-030396 | 29.060 | 448 | 2 | 6.1.0 | Rel-6 | GTP Cause Modification | approved | F | 6.2.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI6 | N4 |
| NP-030396 | 29.060 | 453 | 2 | 6.1.0 | Rel-6 | GGSN Handling of Update PDP Context Response | approved | F | 6.2.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | TEI6 | N4 |
| NP-030390 | 29.060 | 454 | - | 5.6.0 | Rel-5 | Change of Early UE feature to PUESBINE | approved | F | 5.7.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | LATE_UE | N4 |
| NP-030390 | 29.060 | 455 | - | 6.1.0 | Rel-6 | Change of Early UE feature to PUESBINE | approved | A | 6.2.0 | General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface | LATE_UE | N4 |
| NP-030339 | 29.061 | 093 | 1 | 5.6.0 | Rel-5 | Alignment of 29.061 with 29.207 | revised | F | | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | E2EQoS | N3 |
| NP-030432 | 29.061 | 093 | 1 | 5.6.0 | Rel-5 | Alignment of 29.061 with 29.207 | approved | F | 5.7.0 | Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) | E2EQoS-IW | N3 |
| NP-030365 | 29.078 | 313 | 1 | 5.4.0 | Rel-5 | Correction to parameter name in Connect Operation | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAMEL4 | N2 |
| NP-030365 | 29.078 | 322 | 1 | 5.4.0 | Rel-5 | Correction to usage of LegId in ICA Operation | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAMEL4 | N2 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|-------------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|---------|---------|
| NP-030365 | 29.078 | 325 | 1 | 5.4.0 | Rel-5 | Correction to CAP Operation Error values | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030367 | 29.078 | 326 | - | 5.4.0 | Rel-5 | Correction to PlayTone pre-conditions | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030365 | 29.078 | 327 | 1 | 5.4.0 | Rel-5 | Correction to Apply Charging and Apply Charging Report due to introduction of CPH | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030366 | 29.078 | 328 | 1 | 5.4.0 | Rel-5 | Usage of Alphanumeric Characters in SMS Address Fields | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030365 | 29.078 | 329 | 2 | 5.4.0 | Rel-5 | MoveLeg precondition for source and target CS | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030369 | 29.078 | 330 | 2 | 5.4.0 | Rel-5 | Correction to InitialDP for SCUDIF | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030369 | 29.078 | 331 | 1 | 5.4.0 | Rel-5 | Introduction of extensibility mechanism in Release 5 | approved | F | 5.5.0 | Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification | CAME L4 | N2 |
| NP-030352 | 29.198-01 | 024 | - | 5.2.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.3.0 | Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview | OSA2 | N5 |
| NP-030352 | 29.198-02 | 036 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data | OSA2 | N5 |
| NP-030352 | 29.198-03 | 085 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework | OSA2 | N5 |
| NP-030352 | 29.198-04-1 | 007 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions | OSA2 | N5 |
| NP-030352 | 29.198-04-2 | 008 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data Service Capability Feature (SCF) | OSA2 | N5 |
| NP-030352 | 29.198-04-3 | 014 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF) | OSA2 | N5 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|-------------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|------------|---------|
| NP-030352 | 29.198-04-4 | 009 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF) | OSA2 | N5 |
| NP-030352 | 29.198-05 | 039 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction | OSA2 | N5 |
| NP-030352 | 29.198-06 | 023 | - | 5.2.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.3.0 | Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility | OSA2 | N5 |
| NP-030352 | 29.198-07 | 014 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities | OSA2 | N5 |
| NP-030352 | 29.198-08 | 026 | - | 5.3.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.4.0 | Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control | OSA2 | N5 |
| NP-030352 | 29.198-11 | 020 | - | 5.2.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.3.0 | Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management | OSA2 | N5 |
| NP-030352 | 29.198-12 | 022 | - | 5.2.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.3.0 | Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging | OSA2 | N5 |
| NP-030352 | 29.198-13 | 004 | - | 5.1.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.2.0 | Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF | OSA2 | N5 |
| NP-030352 | 29.198-14 | 013 | - | 5.2.0 | Rel-5 | Correction to Java Realisation Annex | approved | F | 5.3.0 | Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM) | OSA2 | N5 |
| NP-030332 | 29.207 | 101 | 2 | 5.4.0 | Rel-5 | Correcting concept description from media level to IP level | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030337 | 29.207 | 102 | 1 | 5.4.0 | Rel-5 | Correcting definition of flow id | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030337 | 29.207 | 103 | 1 | 5.4.0 | Rel-5 | Correcting the definition of authorization token and adding the definition of binding information | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030334 | 29.207 | 104 | 1 | 5.4.0 | Rel-5 | Corrections regarding RTP/RTCP bandwidth | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030335 | 29.207 | 105 | 1 | 5.4.0 | Rel-5 | Closing the gate at HOLD | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030336 | 29.207 | 106 | 2 | 5.4.0 | Rel-5 | Response to remove decision | approved | F | 5.5.0 | Policy control over Go interface | E2EQ oS | N3 |
| NP-030338 | 29.208 | 036 | 2 | 5.4.0 | Rel-5 | Clarification on the use of the inactive attribute at the beginning of the call | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQ oS | N3 |
| NP-030332 | 29.208 | 039 | 2 | 5.4.0 | Rel-5 | Correcting concept description from media level to IP level | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQ oS | N3 |
| NP-030334 | 29.208 | 040 | 3 | 5.4.0 | Rel-5 | Correcting the calculation of RTCP bandwidth | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQ oS | N3 |
| NP-030338 | 29.208 | 041 | 2 | 5.4.0 | Rel-5 | Examples of deriving the Maximum Authorized parameters from the SDP parameters | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQ oS | N3 |
| NP-030335 | 29.208 | 043 | 1 | 5.4.0 | Rel-5 | Closing the gate at HOLD | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQ oS | N3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|--|----------|---------|
| NP-030336 | 29.208 | 044 | - | 5.4.0 | Rel-5 | Response to remove decision | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQoS | N3 |
| NP-030338 | 29.208 | 045 | 1 | 5.4.0 | Rel-5 | Handling of SIP CANCEL Request | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQoS | N3 |
| NP-030338 | 29.208 | 047 | 4 | 5.4.0 | Rel-5 | Handling of SIP 200 OK with inactive media | approved | F | 5.5.0 | End to end Quality of Service (QoS) signalling flows | E2EQoS | N3 |
| NP-030395 | 29.228 | 041 | 2 | 5.4.0 | Rel-6 | Introduction of Presence Stage 3 (Px) to the Cx interface | approved | B | 6.0.0 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | PRESNC | N4 |
| NP-030383 | 29.228 | 042 | 2 | 5.4.0 | Rel-5 | Error in S-CSCF Assignment Type | approved | F | 5.5.0 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | IMS-CCR | N4 |
| NP-030383 | 29.228 | 051 | 2 | 5.4.0 | Rel-5 | Mistakes in the XML schema | approved | F | 5.5.0 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | IMS-CCR | N4 |
| NP-030394 | 29.228 | 052 | - | 5.4.0 | Rel-6 | Sharing public identities across multiple Ues | approved | B | 6.0.0 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | IMS2-CCR | N4 |
| NP-030383 | 29.228 | 055 | 1 | 5.4.0 | Rel-5 | Extensibility of the public identity structure in the XML schema | approved | F | 5.5.0 | IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents | IMS-CCR | N4 |
| NP-030383 | 29.229 | 022 | 1 | 5.4.0 | Rel-5 | Correction on the PPR command code | approved | F | 5.5.0 | Cx and Dx interfaces based on the Diameter protocol; Protocol details | IMS-CCR | N4 |
| NP-030384 | 29.328 | 032 | 2 | 5.4.0 | Rel-5 | Incorrect message flow in 29.328 | approved | F | 5.5.0 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | IMS-CCR | N4 |
| NP-030384 | 29.328 | 033 | 2 | 5.4.0 | Rel-5 | Correction of Sh data definition in Annex C and D | approved | F | 5.5.0 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | IMS-CCR | N4 |
| NP-030384 | 29.328 | 035 | 2 | 5.4.0 | Rel-5 | Mistakes in the XML schema | approved | F | 5.5.0 | IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents | IMS-CCR | N4 |
| NP-030343 | 29.962 | 001 | 1 | 6.0.0 | Rel-6 | Editorial Corrections | approved | D | 6.1.0 | Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage | E2EQoS | N3 |
| TP-030179 | 31.102 | 154 | - | 4.9.0 | Rel-4 | Reservation of service n°54 | approved | F | 4.10.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 155 | - | 3.13.0 | R99 | Correction to SMS | approved | F | 3.14.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 156 | - | 4.9.0 | Rel-4 | Correction to SMS | approved | F | 4.10.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 156 | - | 3.13.0 | R99 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island. | approved | F | 3.14.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 157 | - | 5.5.0 | Rel-5 | Correction to SMS | approved | F | 5.6.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 157 | - | 4.9.0 | Rel-4 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island. | approved | A | 4.10.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 158 | - | 5.5.0 | Rel-5 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island. | approved | A | 5.6.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 158 | - | 6.2.0 | Rel-6 | Correction to SMS | approved | F | 6.3.0 | Characteristics of the USIM application | TEI | T3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|--------|---------|
| TP-030179 | 31.102 | 159 | - | 6.2.0 | Rel-6 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from TP#16 in Marco Island. | approved | A | 6.3.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 160 | - | 6.2.0 | Rel-6 | Clarification of EF PBR description | approved | F | 6.3.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 161 | - | 3.13.0 | R99 | Clarification of EF PBR description | approved | F | 3.14.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030179 | 31.102 | 162 | - | 4.9.0 | Rel-4 | Clarification of EF PBR description | approved | F | 4.10.0 | Characteristics of the USIM application | TEI | T3 |
| TP-030180 | 31.111 | 096 | - | 4.10.0 | Rel-4 | Update of the PROVIDE LOCAL INFORMATION functionality. | approved | F | 4.11.0 | Universal Subscriber Identity Module Application Toolkit (USAT) | TEI | T3 |
| TP-030180 | 31.111 | 097 | - | 5.4.0 | Rel-5 | Missing description of TERMINAL PROFILE values for PROVIDE LOCAL INFORMATION functionality. | approved | F | 5.5.0 | Universal Subscriber Identity Module Application Toolkit (USAT) | TEI | T3 |
| TP-030180 | 31.111 | 098 | - | 4.10.0 | Rel-4 | Correction of Provide Local Information in case of roaming onto a GSM access network | approved | F | 4.11.0 | Universal Subscriber Identity Module Application Toolkit (USAT) | TEI | T3 |
| TP-030180 | 31.111 | 099 | - | 5.4.0 | Rel-5 | Correction of Provide Local Information in case of roaming onto a GSM access network | approved | F | 5.5.0 | Universal Subscriber Identity Module Application Toolkit (USAT) | TEI | T3 |
| TP-030184 | 31.121 | 026 | - | 3.6.0 | R99 | Usage of 3G PDU definition for UEs accessing UTRAN | approved | F | 3.7.0 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | TEI | T3 |
| TP-030184 | 31.121 | 027 | - | 4.5.0 | Rel-4 | Usage of 3G PDU definition for UEs accessing UTRAN | approved | F | 4.6.0 | UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification | TEI | T3 |
| TP-030182 | 31.900 | 010 | - | 5.2.0 | Rel-5 | Clarification of SIM/USIM file mapping table | approved | F | 5.3.0 | SIM/USIM internal and external interworking aspects | TEI | T3 |
| TP-030182 | 31.900 | 011 | - | 5.2.0 | Rel-5 | Consequences if USIM services n° 27 and n° 38 are not available. | approved | F | 5.3.0 | SIM/USIM internal and external interworking aspects | TEI | T3 |
| TP-030182 | 31.900 | 012 | - | 5.2.0 | Rel-5 | Clarification on the interface protocol when SIM and USIM cohabit on a UICC | approved | B | 5.3.0 | SIM/USIM internal and external interworking aspects | TEI | T3 |
| SP-030401 | 32.101 | 023 | - | 5.4.0 | Rel-5 | Removal/Replacement of the term UMTS - Alignment with SA1/2 specifications | approved | F | 5.5.0 | Telecommunication management; Principles and high level requirements | OAM-AR | S5 |
| SP-030402 | 32.102 | 028 | - | 4.3.0 | Rel-4 | Correction of subclause X.2.1 in Annex C | approved | F | 4.4.0 | Telecommunication management; Architecture | OAM-AR | S5 |
| SP-030402 | 32.102 | 029 | - | 5.3.0 | Rel-5 | Correction of subclause X.2.1 in Annex C | approved | A | 5.4.0 | Telecommunication management; Architecture | OAM-AR | S5 |
| SP-030403 | 32.102 | 030 | - | 5.3.0 | Rel-6 | Expansion to UML repertoire to support more concise modelling of stage 2 specifications | approved | C | 6.0.0 | Telecommunication management; Architecture | OAM-AR | S5 |
| SP-030416 | 32.111-4 | 021 | - | 4.5.0 | Rel-4 | Correction of syntax error in type SetComment | approved | F | 4.6.0 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM | S5 |
| SP-030416 | 32.111-4 | 022 | - | 5.5.0 | Rel-5 | Correction of syntax error in type SetCommentInfo | approved | A | 5.6.0 | Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM | S5 |
| SP-030404 | 32.140 | 001 | - | 6.0.0 | Rel-6 | Correction to figure 3 (Architecture for management of Subscription Profile components) | approved | F | 6.1.0 | Telecommunication management; Services operations management; Subscription management requirements | SM | S5 |
| SP-030406 | 32.200 | 024 | - | 4.4.0 | Rel-4 | Stage 2/3 alignment of Location charging principles | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH | S5 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|--------|---------|
| SP-030406 | 32.200 | 025 | - | 5.4.0 | Rel-5 | Stage 2/3 alignment of Location charging principles | approved | A | 5.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH | S5 |
| SP-030406 | 32.200 | 026 | - | 5.4.0 | Rel-5 | Corrections on service key related procedures - Alignment with CAMEL | approved | F | 5.5.0 | Telecommunication management; Charging management; Charging principles | OAM-CH | S5 |
| SP-030407 | 32.205 | 019 | - | 4.4.0 | Rel-4 | Correction to positioning data in ASN.1. | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | OAM-CH | S5 |
| SP-030407 | 32.205 | 020 | - | 4.4.0 | Rel-4 | Correction of ASN.1 code errors in LCS definitions | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain | OAM-CH | S5 |
| SP-030407 | 32.215 | 027 | - | 4.4.0 | Rel-4 | Corrections of ASN.1 syntax | approved | F | 4.5.0 | Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain | OAM-CH | S5 |
| SP-030408 | 32.235 | 017 | - | 5.3.0 | Rel-5 | Correction of content adaptation indication in the MMS Retrieval CDR - Alignment with T2's 23.140 | approved | F | 5.4.0 | Telecommunication management; Charging management; Charging data description for application services | OAM-CH | S5 |
| SP-030415 | 32.303 | 011 | - | 4.4.0 | Rel-4 | Incorporation of version handling, adopting release 5 agreements | approved | F | 4.5.0 | Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | OAM-CM | S5 |
| SP-030430 | 32.401 | 009 | - | 5.2.0 | Rel-6 | Addition of "jobld" and "reportingPeriod" parameters in the file format definition | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM | S5 |
| SP-030430 | 32.401 | 010 | - | 5.2.0 | Rel-6 | Removal of measurement job state and status attributes | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM | S5 |
| SP-030430 | 32.401 | 011 | - | 5.2.0 | Rel-6 | Refinement of the conditions for setting "suspect flag" | approved | C | 6.0.0 | Telecommunication management; Performance Management (PM); Concept and requirements | OAM-PM | S5 |
| SP-030431 | 32.403 | 018 | - | 4.4.0 | Rel-4 | Correction of collection method for SGSN measurements | approved | F | 4.5.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |
| SP-030431 | 32.403 | 019 | - | 5.3.0 | Rel-5 | Correction of collection method for SGSN measurements | approved | A | 5.4.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |
| SP-030431 | 32.403 | 020 | - | 6.0.0 | Rel-6 | Correction of collection method for SGSN measurements | approved | A | 6.1.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |
| SP-030431 | 32.403 | 021 | - | 4.4.0 | Rel-4 | Correction of "outgoing intra-cell hard handovers measurements" | approved | F | 4.5.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---------|---------|
| SP-030431 | 32.403 | 022 | - | 5.3.0 | Rel-5 | Correction of "outgoing intra-cell hard handovers measurements" | approved | A | 5.4.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |
| SP-030431 | 32.403 | 023 | - | 6.0.0 | Rel-6 | Correction of "outgoing intra-cell hard handovers measurements" | approved | A | 6.1.0 | Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM | OAM-PM | S5 |
| SP-030432 | 32.411 | 001 | - | 6.0.0 | Rel-6 | Expansion of the requirements for threshold alarms on bounded variables | approved | C | 6.1.0 | Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements | OAM-PM | S5 |
| SP-030414 | 32.615 | 009 | - | 5.1.0 | Rel-5 | Add missing Activities to Session Log XML | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | OAM-NIM | S5 |
| SP-030418 | 32.615 | 010 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema - Alignment with 32.652/655 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition | OAM-NIM | S5 |
| SP-030417 | 32.624 | 010 | - | 4.4.0 | Rel-4 | Rel-4/5 alignment of OIDs of some attributes and name bindings | approved | F | 4.5.0 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM | S5 |
| SP-030417 | 32.624 | 011 | - | 5.0.0 | Rel-5 | Rel-4/5 alignment of OIDs of some attributes and name bindings | approved | F | 5.1.0 | Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-CM | S5 |
| SP-030419 | 32.632 | 008 | - | 4.3.0 | Rel-4 | Correction of Information Object Classes (IOCs) Notifications - Alignment with 32.102 | approved | F | 4.4.0 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-CM | S5 |
| SP-030419 | 32.632 | 009 | - | 5.3.0 | Rel-5 | Correction of Information Object Classes (IOCs) Notifications - Alignment with 32.102 | approved | A | 5.4.0 | Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-CM | S5 |
| SP-030420 | 32.644 | 004 | - | 5.1.0 | Rel-5 | Correction of wrong attribute name | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM | S5 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---------|---------|
| SP-030418 | 32.645 | 005 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema – impacts on 32.645 (UTRAN XML Schema) - Alignment with 32.652/655 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | OAM-NIM | S5 |
| SP-030418 | 32.652 | 015 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN NRM - Alignment with 32.632 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM) | OAM-NIM | S5 |
| SP-030418 | 32.653 | 006 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN CORBA solution set - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set | OAM-NIM | S5 |
| SP-030418 | 32.654 | 007 | - | 5.1.0 | Rel-5 | Inclusion of ExternalBssFunction - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM | S5 |
| SP-030418 | 32.655 | 004 | - | 5.1.0 | Rel-5 | Inclusion of External BSS Function in GERAN XML Schema - Alignment with 32.652 | approved | F | 5.2.0 | Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition | OAM-NIM | S5 |
| SP-030421 | 32.674 | 001 | - | 5.0.0 | Rel-5 | Addition of the missing OID for ts32-674Package | approved | F | 5.1.0 | Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set | OAM-NIM | S5 |
| SP-030475 | 33.102 | 180 | - | 5.2.0 | Rel-6 | Clarification on the usage of the c3 conversion function | approved | F | 6.0.0 | 3G security; Security architecture | SEC1 | S3 |
| SP-030476 | 33.102 | 181 | - | 5.2.0 | Rel-5 | IMEISV retrieval before completion of security mode setup procedure | approved | F | 5.3.0 | 3G security; Security architecture | LATE_UE | S3 |
| SP-030476 | 33.102 | 182 | - | 5.2.0 | Rel-5 | Mitigation against a man-in-the-middle attack associated with early UE handling | approved | C | 5.3.0 | 3G security; Security architecture | LATE_UE | S3 |
| SP-030477 | 33.106 | 005 | - | 5.1.0 | Rel-6 | References | rejected | D | | Lawful interception requirements | SEC1-LI | S3 |
| SP-030478 | 33.107 | 031 | - | 5.5.0 | Rel-5 | Missing QoS Parameter in IRI | approved | F | 5.6.0 | 3G security; Lawful interception architecture and functions | SEC1-LI | S3 |
| SP-030479 | 33.107 | 032 | - | 5.5.0 | Rel-6 | TEL URL for IMS interception identity | approved | B | 6.0.0 | 3G security; Lawful interception architecture and functions | SEC1-LI | S3 |
| SP-030479 | 33.107 | 033 | - | 5.5.0 | Rel-6 | Stereo delivery to LEMF | approved | F | 6.0.0 | 3G security; Lawful interception architecture and functions | SEC1-LI | S3 |
| SP-030480 | 33.108 | 017 | - | 6.2.0 | Rel-6 | Correct Abbreviations in TS 33.108 | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 017 | 1 | 6.2.0 | Rel-6 | Correct Abbreviations in TS 33.108 | approved | D | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030481 | 33.108 | 018 | - | 5.4.0 | Rel-5 | Syntax error in Annex B.3 | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|--|------------|-----|-------------|---|------------|---------|
| SP-030509 | 33.108 | 018 | 1 | 5.4.0 | Rel-5 | Syntax error in Annex B.3 | approved | F | 5.5.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030481 | 33.108 | 019 | - | 6.2.0 | Rel-6 | Syntax error in Annex B.3 | revised | A | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030509 | 33.108 | 019 | 1 | 6.2.0 | Rel-6 | Syntax error in Annex B.3 | approved | A | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030480 | 33.108 | 020 | - | 6.2.0 | Rel-6 | Inconsistency in Annex B.3 | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 020 | 1 | 6.2.0 | Rel-6 | Inconsistency in Annex B.3 | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030480 | 33.108 | 021 | - | 6.2.0 | Rel-6 | Data Link Establishment and Sending part for ROSE operation | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 021 | 1 | 6.2.0 | Rel-6 | Data Link Establishment and Sending part for ROSE operation | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030480 | 33.108 | 022 | - | 6.2.0 | Rel-6 | Correction on the usage of Lawful Interception identifiers | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 022 | 1 | 6.2.0 | Rel-6 | Correction on the usage of Lawful Interception identifiers | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030480 | 33.108 | 023 | - | 6.2.0 | Rel-6 | Subscriber controlled input clarification | revised | F | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 023 | 1 | 6.2.0 | Rel-6 | Subscriber controlled input clarification | approved | F | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030480 | 33.108 | 024 | - | 6.2.0 | Rel-6 | Field separator in subaddress | revised | D | | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030508 | 33.108 | 024 | 1 | 6.2.0 | Rel-6 | Field separator in subaddress | approved | D | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030482 | 33.108 | 025 | - | 5.4.0 | Rel-5 | Reference errors in Annex G | approved | F | 5.5.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030482 | 33.108 | 026 | - | 6.2.0 | Rel-6 | Reference errors in Annex G | approved | A | 6.3.0 | 3G security; Handover interface for Lawful Interception (LI) | SEC1-LI | S3 |
| SP-030483 | 33.203 | 042 | - | 5.6.0 | Rel-6 | Introducing Cipher key Expansion for IMS | approved | B | 6.0.0 | 3G security; Access security for IP-based services | IMS-ASEC | S3 |
| SP-030484 | 33.203 | 043 | - | 5.6.0 | Rel-5 | Modification of the security association lifetime management | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC | S3 |
| SP-030485 | 33.203 | 044 | - | 5.6.0 | Rel-5 | Annex H in 33.203 | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC | S3 |
| SP-030486 | 33.203 | 045 | - | 5.6.0 | Rel-5 | Security association handling, behaviour of SIP over TCP and re-authentication | approved | F | 5.7.0 | 3G security; Access security for IP-based services | IMS-ASEC | S3 |
| SP-030487 | 33.203 | 046 | - | 5.6.0 | Rel-6 | Introducing Confidentiality Protection for IMS | approved | B | 6.0.0 | 3G security; Access security for IP-based services | IMS-ASEC | S3 |
| SP-030488 | 33.210 | 011 | - | 5.4.0 | Rel-5 | Change of IKE profiling | approved | F | 5.5.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP | S3 |
| SP-030488 | 33.210 | 012 | - | 6.2.0 | Rel-6 | Change of IKE profiling | approved | A | 6.3.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP | S3 |
| SP-030489 | 33.210 | 013 | - | 5.4.0 | Rel-5 | Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 | approved | F | 5.5.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP | S3 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|--------|---|------------|-----|-------------|---|------------|---------|
| SP-030489 | 33.210 | 014 | - | 6.2.0 | Rel-6 | Update draft-ietf-ipsec-sctp-03.txt reference to new standard RFC: RFC3554 | approved | A | 6.3.0 | 3G security; Network Domain Security (NDS); IP network layer security | SEC-NDS-IP | S3 |
| TP-030191 | 34.108 | 227 | - | 3.12.0 | Rel-99 | CR to 34.108, R99, Clarification of seg_count in 6.1.0a.3 | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 228 | - | 4.7.0 | Rel-4 | CR to 34.108, Rel-4, Clarification of seg_count in 6.1.0a.3 | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 229 | - | 3.12.0 | Rel-99 | General correction in clause 7.4 for Common generic procedures for AS testing | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 230 | - | 4.7.0 | Rel-4 | General correction in clause 7.4 for Common generic procedures for AS testing | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 232 | - | 3.12.0 | Rel-99 | Incorrect activation time in CELL_FACH state | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 233 | - | 4.7.0 | Rel-4 | Incorrect activation time in CELL_FACH state . | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 234 | - | 3.12.0 | Rel-99 | Incorrect Transport Channel Parameters | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 235 | - | 4.7.0 | Rel-4 | Incorrect Transport Channel Parameters | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 236 | - | 3.12.0 | Rel-99 | Corrections to TS 34.108 common procedures in clause 7.4 of R'99 of TS 34.108 | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 237 | - | 4.7.0 | Rel-4 | Corrections to TS 34.108 common procedures in clause 7.4 of Rel-4 of TS 34.108 | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 238 | - | 3.12.0 | Rel-99 | Removal of RLC AM in the Default Message Content | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 239 | - | 4.7.0 | Rel-4 | Removal of RLC AM in the Default Message Content | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 240 | - | 4.7.0 | Rel-4 | RB configuration for the support of wideband AMR speech telephony services | approved | F | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 241 | - | 3.12.0 | Rel-99 | CR 34.108 R99: Manual attach in State 7 Registered Idle Mode on CS/PS | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 242 | - | 4.7.0 | Rel-4 | CR 34.108 Rel-4: Manual attach in State 7 Registered Idle Mode on CS/PS | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 243 | - | 3.12.0 | Rel-99 | URA Identity in Cell Update Confirm and URA Update Confirm | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 244 | - | 4.7.0 | Rel-4 | URA Identity in Cell Update Confirm and URA Update Confirm | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 245 | - | 3.12.0 | Rel-99 | CR to 34.108 R99; Correction to specification to reflect a change already approved in TTCN CR T1-030396 | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 246 | - | 4.7.0 | Rel-4 | CR to 34.108 R4; Correction to specification to reflect a change already approved in TTCN CR T1-030396 | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 247 | - | 3.12.0 | Rel-99 | CR to 34.108 REL-99; Correction to section 7.3 Test procedures for RF test | approved | F | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |
| TP-030191 | 34.108 | 248 | - | 4.7.0 | Rel-4 | CR to 34.108 REL-4; Correction to section 7.3 Test procedures for RF test | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030191 | 34.108 | 249 | - | 3.12.0 | Rel-99 | CR 34.108 R99: Bearer combination for Interactive/background UL 64 kbps DL 768 kbps | approved | B | 3.13.0 | Common test environments for User Equipment (UE) conformance testing | TEI | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|--------|--|------------|-----|-------------|--|------|---------|
| TP-030191 | 34.108 | 250 | - | 4.7.0 | Rel-4 | CR 34.108 Rel-4: Bearer combination for Interactive/background UL 64 kbps DL 768 kbps | approved | A | 4.8.0 | Common test environments for User Equipment (UE) conformance testing | TEI4 | T1 |
| TP-030189 | 34.121 | 251 | - | 5.0.0 | Rel-5 | Creation of a merged release for 34.121 which incorporates R99 and Rel-4 | approved | F | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 252 | - | 3.13.0 | Rel-99 | CR to 34.121 R99; Corretion to Inter-system Handover from UTRAN FDD to GSM | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 253 | - | 3.13.0 | Rel-99 | CR to 34.121 R99; Addition of test case details for RRM test case 8.3.5.3 (Cell Reselection to GSM in Cell_FACH) | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 254 | - | 4.0.0 | Rel-4 | CR to 34.121 REL-4; Addition of test case details for RRM test case 8.3.5.3 (Cell Reselection to GSM in Cell_FACH) | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 255 | - | 5.0.0 | Rel-5 | CR to 34.121 REL-5; Addition of test case details for RRM test case 8.3.5.3 (Cell Reselection to GSM in Cell_FACH) | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 256 | - | 3.13.0 | Rel-99 | Correction of SSdT performance test case (R99) | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 257 | - | 4.0.0 | Rel-4 | Correction of SSdT performance test case (Rel-4) | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 258 | - | 5.0.0 | Rel-5 | Correction of SSdT performance test case (Rel-5) | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 259 | - | 4.0.0 | Rel-4 | Introduction of Test Tolerances to Cell Reselection in CELL_FACH tests 8.3.5.1 & 8.3.5.2 | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 260 | - | 5.0.0 | Rel-5 | Introduction of Test Tolerances to Cell Reselection in CELL_FACH tests 8.3.5.1 & 8.3.5.2 | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 261 | - | 3.13.0 | Rel-99 | Test Requirements for RRM CPICH RSCP Inter Frequency Measurement | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 262 | - | 4.0.0 | Rel-4 | Test Requirements for RRM CPICH RSCP Inter Frequency Measurement | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 263 | - | 5.0.0 | Rel-5 | Test Requirements for RRM CPICH RSCP Inter Frequency Measurement | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 264 | - | 3.13.0 | Rel-99 | Test Requirements for RRM CPICH RSCP Intra Frequency Measurement | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 265 | - | 4.0.0 | Rel-4 | Test Requirements for RRM CPICH RSCP Intra Frequency Measurement | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 266 | - | 5.0.0 | Rel-5 | Test Requirements for RRM CPICH RSCP Intra Frequency Measurement | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 267 | - | 3.13.0 | Rel-99 | Correction to RRC Re-establishment delay test case (R99) | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 268 | - | 4.0.0 | Rel-4 | Correction to RRC Re-establishment delay test case (Rel-4) | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 269 | - | 5.0.0 | Rel-5 | Correction to RRC Re-establishment delay test case (Rel-5) | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |
| TP-030189 | 34.121 | 270 | - | 3.13.0 | Rel-99 | CR to 34.121 R99; Correction to SFN-SFN observed time difference type 1 | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI | T1 |
| TP-030189 | 34.121 | 271 | - | 4.0.0 | Rel-4 | CR to 34.121 Rel-4; Correction to SFN-SFN observed time difference type 1 | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI4 | T1 |
| TP-030189 | 34.121 | 272 | - | 5.0.0 | Rel-5 | CR to 34.121 Rel-5; Correction to SFN-SFN observed time difference type 1 | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TEI5 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|--------|--|------------|-----|-------------|--|------|---------|
| TP-030189 | 34.121 | 273 | - | 3.13.0 | Rel-99 | CR to 34.121 Rel-99; Correction to CRC bit for reference measurement channel using RLC-TM for DTCH, transport channel parameters | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 274 | - | 3.13.0 | Rel-99 | Introduction of Test Tolerances to Cell Reselection in CELL_FACH tests 8.3.5.1 & 8.3.5.2 | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 275 | - | 4.0.0 | Rel-4 | CR to 34.121 Rel-4; Corretion to Inter-system Handover from UTRAN FDD to GSM | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 276 | - | 5.0.0 | Rel-5 | CR to 34.121 Rel-5; Corretion to Inter-system Handover from UTRAN FDD to GSM | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 277 | - | 3.13.0 | Rel-99 | CR to 34.121 R99; Correction to CPICH Ec/Io in correct reporting of neighbours in AWGN propagation condition test case | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 278 | - | 4.0.0 | Rel-4 | CR to 34.121 Rel-4; Correction to CPICH Ec/Io in correct reporting of neighbours in AWGN propagation condition test case | approved | 4 | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 279 | - | 5.0.0 | Rel-5 | CR to 34.121 Rel-5; Correction to CPICH Ec/Io in correct reporting of neighbours in AWGN propagation condition test case | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 280 | - | 3.13.0 | Rel-99 | Test Requirements for RRM CPICH Ec/Io Intra Frequency Measurement | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 281 | - | 4.0.0 | Rel-4 | Test Requirements for RRM CPICH Ec/Io Intra Frequency Measurement | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 282 | - | 5.0.0 | Rel-5 | CR Rel 5 Test requirements for RRM CPICH Ec/Io Intra Frequency Measurement | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 283 | - | 3.13.0 | Rel-99 | Test Requirements for RRM CPICH Ec/Io Inter Frequency Measurement | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 284 | - | 4.0.0 | Rel-4 | Test Requirements for RRM CPICH Ec/Io Inter Frequency Measurement | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 285 | - | 5.0.0 | Rel-5 | Test Requirements for RRM CPICH Ec/Io Inter Frequency Measurement | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 286 | - | 3.13.0 | Rel-99 | Test requirements for RRM Random Access tests | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 287 | - | 4.0.0 | Rel-4 | Test requirements for RRM Random Access Test | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 288 | - | 5.0.0 | Rel-5 | Test requirements for RRM Random Access Test | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 289 | - | 3.13.0 | Rel-99 | Completion of Annex F | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 290 | - | 4.0.0 | Rel-4 | Completion of Annex F | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 291 | - | 5.0.0 | Rel-5 | Completion of Annex F | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 292 | - | 4.0.0 | Rel-4 | CR to 34.121 Rel-4; Correction to CRC bit for reference measurement channel using RLC-TM for DTCH, transport channel parameters | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 293 | - | 5.0.0 | Rel-5 | CR to 34.121 Rel-5; Correction to CRC bit for reference measurement channel using RLC-TM for DTCH, transport channel parameters | approved | A | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030189 | 34.121 | 294 | - | 3.13.0 | Rel-99 | CR to delete the technical content of 34.121 Rel 99 and replace it by a pointer to the gathered releases document | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| TP-030218 | 34.121 | 294 | - | 3.13.0 | R99 | CR to delete the technical content of 34.121 Rel 99 and replace it by a pointer to the gathered releases document | approved | F | 3.14.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE1 | T1 |
| TP-030189 | 34.121 | 295 | - | 4.0.0 | Rel-4 | CR to delete the technical content of 34.121 Rel 4 and replace it by a pointer to the gathered releases document | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030218 | 34.121 | 295 | - | 4.0.0 | Rel-4 | CR to delete the technical content of 34.121 Rel 4 and replace it by a pointer to the gathered releases document | approved | A | 4.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE14 | T1 |
| TP-030189 | 34.121 | 296 | - | 5.0.0 | Rel-5 | Introduction of the phase discontinuity test | approved | F | 5.1.0 | Terminal Conformance Specification, Radio Transmission and Reception (FDD) | TE15 | T1 |
| TP-030190 | 34.122 | 173 | - | 4.8.0 | Rel-4 | Addition of Test Scenario 4A | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 174 | - | 4.8.0 | Rel-4 | Addition of LCR TDD/FDD Hand-Over Test | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 175 | - | 4.8.0 | Rel-4 | Addition of Txformat selection test | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 176 | - | 4.8.0 | Rel-4 | Measurement CPICH of FDD neighbour | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 177 | - | 4.8.0 | Rel-4 | Measurement of ISCP intra frequency | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 178 | - | 4.8.0 | Rel-4 | Measurement test UTRA RSSI absolute | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 179 | - | 4.8.0 | Rel-4 | Measurement test UTRA RSSI relative | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030190 | 34.122 | 180 | - | 4.8.0 | Rel-4 | Measurement test GSM RSSI | approved | F | 4.9.0 | Terminal Conformance Specification, Radio Transmission and Reception (TDD) | TE14 | T1 |
| TP-030192 | 34.123-1 | 531 | - | 5.4.0 | Rel-5 | Corrections and updates on 8.2.1 Radio Bearer Establishment for TDD mode | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |
| TP-030192 | 34.123-1 | 532 | - | 5.4.0 | Rel-5 | Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH test updated for TDD mode (clause 8.2.2.35), TS 34.123-1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |
| TP-030192 | 34.123-1 | 534 | - | 5.4.0 | Rel-5 | Correction to RLC testcases 7.2.3.21 and 7.2.3.22 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |
| TP-030192 | 34.123-1 | 535 | - | 5.4.0 | Rel-5 | Inclusion of tests for combinations on SCCPCH for TDD 1.28 Mcps option | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE14 | T1 |
| TP-030192 | 34.123-1 | 536 | - | 5.4.0 | Rel-5 | Inclusion of test for 34.123-1 for combination on PRACH for TDD 1.28 Mcps option, Rel-4 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE14 | T1 |
| TP-030192 | 34.123-1 | 537 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 4 GMM test cases 12.4.1.2 and 12.4.1.4d | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |
| TP-030192 | 34.123-1 | 538 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 1 RRC test cases in clause 8.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |
| TP-030192 | 34.123-1 | 539 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Low priority PDCP test case 7.3.3.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TE15 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| TP-030192 | 34.123-1 | 540 | - | 5.4.0 | Rel-5 | CR 34.123-1 Rel-5: Mobile identity field removed in TC 12.4.2.2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 541 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Removal of package 2 MAC test case 7.1.2.2.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 542 | - | 5.4.0 | Rel-5 | Corrections to Package 1 RRC test case 8.1.2.2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 543 | - | 5.4.0 | Rel-5 | Corrections to P2 MM test case 9.4.2.2/test 2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 544 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Corrections to package 4 and low priority RRC test cases on Unsupported configuration | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 545 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 2 MM test case 9.4.5.3 Location updating/ periodic normal/ test 2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 546 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 4 test case (8.2.3.11) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 547 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 4 test case (8.2.6.11) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 548 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 4 test case (8.2.6.12) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 549 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 low priority test case (8.2.6.14) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 550 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 low priority test case (8.3.1.23) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 551 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 low priority test case (8.3.4.5) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 552 | - | 5.4.0 | Rel-5 | Correction to 34.123-1 v5.4.0 Low priority test case (8.4.1.22) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 553 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 low priority test case (8.4.1.39) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 554 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Correction of Package 4 RRC test case 8.2.6.37 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 555 | - | 5.4.0 | Rel-5 | Removal of test case 8.2.2.20 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 556 | - | 5.4.0 | Rel-5 | CR to 34.123-1, Rel-5; correction to idle mode section according to RP-030289 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| TP-030192 | 34.123-1 | 557 | - | 5.4.0 | Rel-5 | CR to 34.123-1, Rel-5; correction to package 1 RLC test case 7.2.3.18 according to RP-030292 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 558 | - | 5.4.0 | Rel-5 | Correction to 34.123-1 v5.4.0 Package 1 test case (8.4.1.5) - Revision of T1-031080 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 559 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 3 test case (8.4.1.24) - Revision of T1-031082 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 560 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 4 test case (8.4.1.12) - Revision of T1-031088 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 561 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 4 RRC test cases: 8.1.3.5 and 8.3.1.15 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 562 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 Package 2 test cases (8.3.1.21 and 8.3.1.22) - Revision of T1-031081 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 563 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Low priority GMM test cases 12.2.2.8, 12.3.2.4 and 12.9.9 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 564 | - | 5.4.0 | Rel-5 | Correction to 34.123-1, section 7.2.3.19 and 7.2.3.24 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 565 | - | 5.4.0 | Rel-5 | Correction to GCF package 1 RLC testcases 7.2.3.26 and 7.2.3.27 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 566 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 1 RRC test cases 8.3.4.3 and 8.4.1.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 567 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Periodical RLC STATUS PDU detection in RRC Radio Bearer Reconfiguration Package 2 and 3 test cases | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 568 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 2 RRC test case 8.2.2.19 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 569 | - | 5.4.0 | Rel-5 | CR to 34-123-1, Rel-5; URA Identity in Cell Update Confirm and URA Update Confirm | approved | f | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 570 | - | 5.4.0 | Rel-5 | CR to 34.123-1 on Correction to C/T field value for test case 7.1.1.8 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 571 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 2 RRC test case 8.3.1.10 Cell Update: expiry of T307 timer after T305 expiry and being out of service area. | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 572 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Correction to CC test cases 10.1.2.2.1 (package 4), 10.1.2.2.2 (package 3) and 10.1.2.9.2 (low prio) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 573 | - | 5.4.0 | Rel-5 | CR to TS 34.123-1 [REL-5] Package 2 GMM test case 12.4.2.2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|------|---------|
| TP-030192 | 34.123-1 | 574 | - | 5.4.0 | Rel-5 | CR 34.123-1 Rel-5: TC 12.8 Ready Timer in use | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 575 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Correction to package 1 GMM test case 12.3.1.2 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 576 | - | 5.4.0 | Rel-5 | Corrections to low priority Multi RAB test cases | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 577 | - | 5.4.0 | Rel-5 | Corrections to P3 Inter RAT measurement test case 8.4.1.31 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 578 | - | 5.4.0 | Rel-5 | CR to 34.123-1 R5; Correction to Package 1 RRC test case 8.2.5.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 579 | - | 5.4.0 | Rel-5 | CR to 34.123-1 REL-5; Correction to package 2 MAC test case 7.1.3.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 580 | - | 5.4.0 | Rel-5 | Introduction of new test cases for a routing area updating procedure due to a change of DRX parameter IE | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 581 | - | 5.4.0 | Rel-5 | CR 34.123-1 Rel-5: TC 9.4.2.3 doesn't correspond to conformance claim | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 582 | - | 5.4.0 | Rel-5 | Corrections to 34.123-1 v5.4.0 low priority test case (8.2.3.26) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030192 | 34.123-1 | 583 | - | 5.4.0 | Rel-5 | CR 34.123-1 Rel-5: Automatic MO SMS repeat at TP layer | approved | | 5.5.0 | User Equipment (UE) conformance specification; Part 1: Protocol conformance specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 113 | - | 5.4.0 | Rel-5 | Inclusion of test Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH for TDD 1.28 Mcps option in ICS part. | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 114 | - | 5.4.0 | Rel-5 | Inclusion of tests for 34.123-2 for combinations on SCCPCH for TDD 1.28 Mcps option in ICS part | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 115 | - | 5.4.0 | Rel-5 | Inclusion of test for combination on PRACH for TDD 1.28 Mcps option in ICS part. | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 116 | - | 5.4.0 | Rel-5 | Corrections to applicability for RRC testcases | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 117 | - | 5.4.0 | Rel-5 | CR 34.123-2 Rel-5: Applicability statement for TC 12.8 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 118 | - | 5.4.0 | Rel-5 | CR to 34.123-2 REL-5; Update of applicability table (revision of T1-031051) | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030193 | 34.123-2 | 119 | - | 5.4.0 | Rel-5 | Update of Applicability statement for GMM | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|--------|---|------------|-----|-------------|---|------|---------|
| TP-030193 | 34.123-2 | 120 | - | 5.4.0 | Rel-5 | CR to 34.123-2 REL-5; Update of applicability table for TC 8.2.5.1 | approved | F | 5.5.0 | User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification | TEI5 | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.2.11 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Test Case 12.5 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | - | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.6.7 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.2.17 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.2.10 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.2.1 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.4.10 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.2.8 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030208 | 34.123-3 | --- | - | 3.2.1 | R99 | Addition of RRC test case 8.2.6.1 to RRC ATS V3.2.1 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | N/A | T1 |
| TP-030194 | 34.123-3 | 070 | - | 3.2.1 | Rel-99 | Corrections to Package 1 test cases in RRC ATS v3.2.1 for PS mode | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 071 | - | 3.2.1 | Rel-99 | Corrections to Package 1 test cases in RRC ATS v3.2.1 for Integrity | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 072 | - | 3.2.1 | Rel-99 | Corrections to Package 1 test cases in RRC ATS v3.2.1 for configuration of Radio Bearer -3 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 073 | - | 3.2.1 | Rel-99 | CR to 34.123-3 R99, Moving baseline from March 02 to March 03 and error corrections | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 074 | - | 3.2.1 | Rel-99 | CR to 34.123-3, R99, Update and remove unnecessary PIXIT parameters, so they are aligned with the 3GPP conformance TTCN | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 075 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_7_1_1_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 076 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_7_1_1_8 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|--------|--|------------|-----|-------------|--|-----|---------|
| TP-030194 | 34.123-3 | 077 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_1_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 078 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_1_3 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 079 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_1_5 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 080 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_1_6 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 081 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_1_8 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 082 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_1_8 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 083 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_1_10 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 084 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_12_2_1_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 085 | - | 3.1.0 | Rel-99 | Test Case 8.1.5.1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 086 | - | 3.1.0 | Rel-99 | Test Case 8.1.5.4 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 087 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_3_7 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 088 | - | 3.1.0 | Rel-99 | Addition of RLC test case 7.2.3.6 to RLC ATS V3.0.0 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 089 | - | 3.1.0 | Rel-99 | Addition of RLC test case 7.2.3.25 to RLC ATS V3.0.0 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 090 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.14 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 091 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.15 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 092 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.16 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 093 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.33 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|--------|---|------------|-----|-------------|--|-----|---------|
| TP-030194 | 34.123-3 | 094 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 10.1.2.5.1 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 095 | - | 3.1.0 | Rel-99 | 7.1.1.1 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 096 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_7_1_1_3 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 097 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_7_1_1_4 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 098 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_7_1_1_5 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 099 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_1_3_3 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 101 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_3_15 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 102 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_3_18 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 103 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_3_19 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 104 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_12_3_1_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 105 | - | 3.1.0 | Rel-99 | Title not provided | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 106 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V 3.1.0 for addition of RLC test case 7.2.3.13 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 107 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V 3.1.0 for addition of RLC test case 7.2.3.18 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 108 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_11_1_1_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 109 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.23 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 110 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.24 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 111 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.26 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|--------|--|------------|-----|-------------|--|-----|---------|
| TP-030194 | 34.123-3 | 112 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.27 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 113 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_11_3_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 114 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_11_3_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 115 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 12.3.1.5 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 116 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 12.7.1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 117 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_1_9 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 118 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_2_3_8 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 119 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_3_4_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 120 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_3_4_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 121 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_3_4_3 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 122 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_8_4_1_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 123 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_12_3_1_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 124 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_12_9_1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 125 | - | 3.1.0 | Rel-99 | Changes to TS34.123-3 V310 to introduce TC_12_9_2 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 126 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 12.3.2.1 | approved | F | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 127 | - | 3.1.0 | Rel-99 | CR to 34.123-3 V310 to introduce test case 7.2.3.19 | approved | B | 3.2.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 128 | - | 3.2.0 | Rel-99 | CR to 34.123-3 V320 to introduce test case 14.2.13.1 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|----------|-----|-----|-----------------|--------|---|------------|-----|-------------|--|------|---------|
| TP-030194 | 34.123-3 | 129 | - | 3.2.0 | Rel-99 | CR to 34.123-3 V320 to introduce test case 7.2.2.2 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 130 | - | 3.2.0 | Rel-99 | CR to 34.123-3 V320 to introduce test case 7.2.3.2 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 131 | - | 3.2.0 | Rel-99 | Changes to TS34.123-3 V320 to introduce TC_8_2_3_9 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 132 | - | 3.2.0 | Rel-99 | Changes to TS34.123-3 V320 to introduce TC_7_2_3_21 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 133 | - | 3.2.0 | Rel-99 | Changes to TS34.123-3 V320 to introduce TC_7_2_3_22 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 134 | - | 3.2.1 | Rel-99 | CR to 34.123-3 V320 to introduce test case TC_8_2_6_20 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 135 | - | 3.2.1 | Rel-99 | CR to 34.123-3 V320 to introduce test case TC_9.2.1 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 136 | - | 3.2.1 | Rel-99 | CR to 34.123-3 V320 to introduce test case TC_9.3.1 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 137 | - | 3.2.1 | Rel-99 | CR to 34.123-3 V320 to introduce test case TC_9_4_5_2 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| TP-030194 | 34.123-3 | 138 | - | 3.2.1 | Rel-99 | CR to 34.123-3 V320 to introduce test case TC_9.5.2 | approved | B | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | | T1 |
| TP-030194 | 34.123-3 | 139 | - | 3.2.1 | Rel-99 | Changes to TS34.123-3 V321 to introduce TC_8_1_1_7 | approved | F | 3.3.0 | User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS) | TEI | T1 |
| NP-030408 | 43.068 | 009 | 1 | 4.2.2 | Rel-4 | Correction of uplink release management | approved | A | 4.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030408 | 43.068 | 010 | 1 | 5.2.0 | Rel-5 | Correction of uplink release management | approved | A | 5.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 43.068 | 011 | 1 | 4.2.2 | Rel-4 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 4.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030407 | 43.068 | 012 | 1 | 5.2.0 | Rel-5 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 5.3.0 | Voice Group Call Service (VGCS); Stage 2 | ASCI | N1 |
| NP-030409 | 43.068 | 013 | 1 | 5.2.0 | Rel-5 | Correction to MS Late Entry description | approved | F | 5.3.0 | Voice Group Call Service (VGCS); Stage 2 | TEI5 | N1 |
| NP-030410 | 43.068 | 014 | 2 | 5.2.0 | Rel-6 | Dispatcher signalled mute/unmute of talkers downlink and correction and update of incorrect implementation of CR 03.68 A022 | approved | F | 6.0.0 | Voice Group Call Service (VGCS); Stage 2 | TEI6 | N1 |
| NP-030407 | 43.069 | 008 | 1 | 4.2.2 | Rel-4 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 4.3.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030407 | 43.069 | 009 | 1 | 5.2.0 | Rel-5 | Correction to definition of Group-ID, Group call area ID and Group Call Reference | approved | A | 5.3.0 | Voice Broadcast service (VBS); Stage 2 | ASCI | N1 |
| NP-030409 | 43.069 | 010 | 1 | 5.2.0 | Rel-5 | Correction to MS Late Entry description | approved | F | 5.3.0 | Voice Broadcast service (VBS); Stage 2 | TEI5 | N1 |

| TSG Doc | SPEC | CR | rev | Current version | Phase | SUBJECT | TSG status | Cat | New version | Specification Title | WI | WG Resp |
|-----------|--------|-----|-----|-----------------|-------|---|------------|-----|-------------|---|---------------|---------|
| NP-030416 | 44.065 | 006 | 2 | 5.0.0 | Rel-5 | Correction to References | approved | F | 5.1.0 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | TEI5 | N1 |
| NP-030416 | 44.065 | 007 | - | 6.0.0 | Rel-6 | Correction to References | approved | A | 6.1.0 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | TEI5 | N1 |
| NP-030420 | 44.065 | 008 | 1 | 6.0.0 | Rel-6 | Corrections on Compression details | approved | F | 6.1.0 | Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP) | TEI6 | N1 |
| TP-030178 | 51.011 | 024 | - | 4.8.0 | Rel-4 | Correction on EF_VBSS Coding | approved | F | 4.9.0 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | TEI | T3 |
| TP-030178 | 51.011 | 025 | - | 4.8.0 | Rel-4 | Correction to SMS | approved | F | 4.9.0 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | TEI | T3 |
| TP-030178 | 51.011 | 026 | - | 4.8.0 | Rel-4 | CR to delete Elementary File EFRPLMNAcT, in accordance with TP-020168 from T Plenary in Marco Island. | approved | F | 4.9.0 | Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface | TEI | T3 |
| TP-030181 | 51.014 | 003 | - | 4.1.0 | Rel-4 | Correction of the Bearer Description for the Open Channel command | approved | F | 4.2.0 | Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit | TEI | T3 |
| SP-030490 | 55.216 | 002 | - | 6.1.0 | Rel-6 | Clarification on the usage of the Key length | approved | F | 6.2.0 | Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification | SEC1-CSAL GO1 | S3 |

Work Program Key:

| | | | | |
|----------------|---|------------------|--------------------------|--------------|
| F/ BB/ WT | WI Level: | F=Feature | BB=Building Block | WT=Work Task |
| WI ID | Work Item Unique ID number | | | |
| WG | Responsible Working Group | | | |
| Rel | Allocated Release | | | |
| Split | Indicates whether Work Item is marked as Splittable | | | |
| WI Name | Name of Work Item | | | |
| Acronym | Acronym (for WI Identification (e.g. for CRs) | | | |
| Appr Level | Level of Approval for the Work Item | | | |
| Start | Start date of Work Item | | | |
| End | Estimated Completion date of Work Item | | | |
| % comp | Estimated percentage Complete | | | |
| WG Appd | Indicates if the Work Item Description has been approved at WG level | | | |
| TSG Appd | Indicates if the Work Item Description has been approved at TSG level | | | |
| Impacted Specs | 3GPP Specifications impacted by the Work Item | | | |
| Notes | General Comments and Notes | | | |
| Rapporteur | Name of Rapporteur for the Work Item | | | |

Annex G: Definition of Release 4, extracted from the Project Plan - Version April 23 2003

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|----|-----------------|-------|---|---------------|------------|------------------|------------------|--------|---------|----------|----------------|---|------------|
| F/ BB/ WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 1861 | T1 | NA | Y | Miscellaneous UE Conformance Testing Activities | MISTST1 | | 02/04/2001 08:00 | 01/12/2004 17:00 | 50% | No | No | | | |
| BB | 1862 | T1 | Rel Independent | N | Optimisation of Test Time, RF Aspects (FDD) | MISTST1-OpFDD | TSG | 24/09/2001 08:00 | 03/09/2003 17:00 | 70% | No | No | 34.121 | It is believed that the current R99 test spec. can be optimised for faster overall test times | |
| BB | 1863 | T1 | Rel Independent | N | Optimisation of Test Time, RF Aspects (TDD) | MISTST1-OpTDD | TSG | 24/09/2001 08:00 | 03/09/2003 17:00 | 70% | No | No | 34.122 | It is believed that the current R99 test spec. can be optimised for faster overall test times | |
| BB | 1907 | T1 | | N | Extensions to R99 Test cases | MISTST1-Ext | TSG | 02/04/2001 08:00 | 02/12/2003 17:00 | 70% | No | No | 34.123 pts 1,2 | Further test coverage of the R99 specification to cover supplementary services | |
| BB | 2564 | T1 | | N | Extension to R99 Test cases - TTCN | | TSG | 28/06/2002 08:00 | 03/03/2004 17:00 | 50% | No | No | | | |
| BB | 2565 | T1 | | N | Creation of R99 TCs for TDD - prose | MISTST1-TDD | TSG | 01/10/2001 08:00 | 01/07/2004 17:00 | 50% | No | No | 34.123-1 | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|----------|------------|------------------|------------------|--------|---------|----------|--------------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2566 | T1 | | N | Creation of R99 TCs for TDD - TTCN | | TSG | 03/09/2002 08:00 | 01/12/2004 17:00 | 0% | No | No | | | |
| BB | 1908 | T1 | | N | Review all other work items for impact on new or exiting 34 series specs. | MISTST1 | | 02/07/2002 08:00 | 27/12/2002 17:00 | 0% | No | No | 34.121,122,123,125 | Can't start until most core specs are stable | |
| F | 1340 | S1 | Rel-4 | N | Facsimile | FAX | TSG | 22/02/2000 08:00 | 23/06/2000 17:00 | 100% | Yes | Yes | | | |
| BB | 1341 | S2 | | N | Real Time Fax | FAX-RT | | 22/02/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | | postponed from R99 to R00, SP-000169 | |
| WT | 1808 | T2 | | N | Terminal capabilities, AT commands | | | 22/02/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | 21.904, 27.007 | | |
| WT | 1343 | N1 | | N | Signalling aspects (e.g. ICM) | | | 22/02/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | | | |
| WT | 1648 | N3 | | N | Service provision | | | 22/02/2000 08:00 | 23/06/2000 17:00 | 100% | Yes | Yes | 23.146 | | |
| WT | 1345 | S1 | | N | Review whether service/stage 1 aspects need to be aligned | | | 14/04/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | | | |
| WT | 1346 | S2 | | N | Review whether architecture/stage 2 aspects need to be aligned | | | 14/04/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | | | |
| F | 1539 | S4 | Rel-4 | N | Transparent End-to-End PS mobile streaming application | PSTRE AM | TSG | 03/04/2000 08:00 | 21/03/2001 17:00 | 100% | Yes | Yes | 26.233, 26.234 | | |
| F | 1818 | T2 | Rel-4 | N | Multimedia Messaging | MMS | TSG | 22/02/2000 08:00 | 14/03/2001 17:00 | 87% | No | Yes | 22.140, 23.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| BB | 136 | S1 | | N | Definition of service requirements | MMS | | 22/02/2000 08:00 | 31/05/2000 17:00 | 100% | No | No | | | |
| BB | 1819 | T2 | | N | Review of definition of service requirements | | TSG | 01/06/2000 08:00 | 14/03/2001 17:00 | 100% | No | Yes | 22.140, 23.140 | | Josef Laumen, Siemens |
| BB | 1820 | T2 | | N | Technical Realisation | | TSG | 10/04/2000 08:00 | 14/03/2001 17:00 | 100% | No | Yes | 22.140, 23.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|-------------------|------------|-------------------------|-------------------------|-------------|-----------|-----------|--|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 1821 | T2 | | N | Review of definition of reference Architecture model | | TSG | 10/04/2000 08:00 | 14/03/2001 17:00 | 100% | No | Yes | 22.140, 23.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| WT | 1822 | T2 | | N | Fulfill Requirements of Stage 1 | | TSG | 10/04/2000 08:00 | 14/03/2001 17:00 | 100% | No | Yes | 22.140, 23.140 | e.g. minimum set of media formats, media format conversion, personalization of MMS. | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| WT | 1823 | T2 | | N | Definition of MMS primitives in Stage 2 | | TSG | 10/04/2000 08:00 | 14/03/2001 17:00 | 100% | No | Yes | 22.140, 23.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| F | 1541 | N4 | Rel-4 | N | Transcoder-Free Operation | TrFO | | 03/01/2000 08:00 | 30/03/2001 17:00 | 80% | No | No | | Lead given to CN4 from CN... | |
| BB | 112 | N4 | | N | OoBTC solution | TRFO-OOBTC | WG | 03/01/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | No | | | Tosshiyuki Tamura, NEC tamurato@elsf.ncos.nec.co.jp |
| WT | 1512 | R3 | | N | implementation in UTRAN | TRFO-OOBTC-UTRAN | TSG | 11/09/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | 25.401, 25.410, 25.413, 25.415, 23.153 | moved according to NP-000575 | Alexander Vesely, Siemens alexander.vesely@S.IEMENS.AT |
| WT | 896 | S2 | | N | Impact on architecture, Principles and Terminology | | | 03/01/2000 08:00 | 20/10/2000 17:00 | 100% | No | No | | e.g. study cascading TrFO/TFO/TrFO | |
| WT | 1657 | N1 | | N | Codec Negotiation between UE and MSC | | TSG | 14/08/2000 08:00 | 02/02/2001 17:00 | 100% | No | Yes | 24.008, 23.009, 23.108, (29.002) | the link to NP-000085has been deleted because referring to a R99 status sheet... | Andrew Howell / Motorola |
| WT | 115 | N4 | | N | Codec Negotiation inter MSC | | | 03/07/2000 08:00 | 22/12/2000 17:00 | 100% | No | No | | Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex + list of open issues | |
| WT | 894 | N4 | | N | Bearer establishment inter MSC | | TSG | 03/07/2000 08:00 | 22/12/2000 17:00 | 100% | Yes | Yes | 23.153 | Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex... | |
| BB | 905 | S2 | | N | Speech Transcoder: Location and Control at the UMTS Core Network Border | TRFO-STLC | WG | 10/04/2000 08:00 | 29/09/2000 17:00 | 100% | Yes | No | | WI description and Tdoc S2-99352... | |
| WT | 124 | NP | | N | Transcoder at Edge | | | 10/04/2000 08:00 | 29/09/2000 17:00 | 100% | No | No | | WI description and Tdoc S2-99352... | |
| F | 2310 | GP | Rel-4 | N | GERAN improvements 1 (Gb over IP) | GEIMP1 | TSG | 09/05/2000 08:00 | 19/03/2001 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|---|---------------|------------|------------------|------------------|--------|---------|----------|----------------|---------|------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2311 | GP | | N | Gb over IP (Ip-fication of Gb) | GbIP | TSG | 09/05/2000 08:00 | 19/03/2001 17:00 | 100 % | No | No | | | |
| WT | 2312 | GP | | N | Concept | | TSG | 09/05/2000 08:00 | 10/11/2000 17:00 | 100% | No | No | | | |
| WT | 2313 | GP | | N | Changes to 08.16, 08.18 | | TSG | 09/05/2000 08:00 | 19/03/2001 17:00 | 100% | No | No | | | |
| F | 2314 | GP | Rel-4 | N | GERAN improvements 2 (NACC) | GEIMP2 | TSG | 06/11/2000 08:00 | 19/12/2003 17:00 | 55% | No | No | | | |
| BB | 2315 | GP | | N | Gb enhancements | Gben | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100 % | No | No | | | |
| WT | 2316 | GP | | N | Intra BSC NACC (Network Assisted Cell Change) | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2420 | GP | | N | Concept | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2317 | GP | | N | Changes in 03.64 | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2318 | GP | | N | Changes in 04.60 | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2319 | GP | | N | Changes in 44.008 | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| BB | 2855 | | | N | Start Testing | | | 04/06/2001 00:00 | 04/06/2001 00:00 | 0% | No | No | | | |
| BB | 2788 | GP | | N | MS conformance test for Intra BSC NACC | GEIMP2-Msconf | | 30/11/2001 08:00 | 19/12/2003 17:00 | 50% | No | No | | Started | |
| WT | 3158 | G5;G4 | | N | Changes in 51.010 | | | 30/11/2001 08:00 | 19/12/2003 17:00 | 50% | No | No | | | |
| F | 2324 | GP | Rel-4 | N | GERAN improvements 4 (Delayed TBF) | GEIMP4 | TSG | 15/01/2001 08:00 | 08/06/2001 17:00 | 100 % | No | No | | | |
| BB | 2325 | GP | | N | Gb enhancements 2 | GEIMP4-Gben2 | TSG | 15/01/2001 08:00 | 08/06/2001 17:00 | 100 % | No | No | | | |
| WT | 2429 | GP | | N | stage 2 | | | 15/01/2001 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2421 | G2 | | N | Stage 3 (changes in 44.060) | | TSG | 15/01/2001 08:00 | 06/04/2001 17:00 | 100% | No | No | | | |
| WT | 2327 | G2 | | N | Definition of enhanced countdown procedure | | TSG | 15/01/2001 08:00 | 06/04/2001 17:00 | 100% | No | No | | | |
| WT | 2328 | G2 | | N | Definition of enhanced TBF release procedure | | TSG | 15/01/2001 08:00 | 06/04/2001 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|----------------|------------|-------------------------|-------------------------|------------|-----------|-----------|--------------------|---|-----------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2329 | G2 | | N | Definition of USF=FREE type polling mechanism on PDCH | | TSG | 15/01/2001 08:00 | 06/04/2001 17:00 | 100% | No | No | | | |
| F | 1222 | R1 | Rel-4 | N | Low Chip Rate TDD option | LCRTDD | TSG | 19/07/2000 08:00 | 02/12/2003 17:00 | 76% | No | No | | | G. Yang, CWTS |
| BB | 1223 | R1 | | N | Physical layer | LCRTDD-Phys | TSG | 19/07/2000 08:00 | 30/03/2001 17:00 | 100% | No | No | | | G. Yang, CWTS |
| BB | 1224 | R2 | | N | Layer 2 and layer 3 protocol aspects | LCRTDD-L23 | TSG | 19/07/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | Y. Liu, CWTS |
| BB | 1225 | R4 | | N | RF radio transmission/reception, system performance requirements and conformance testing | LCRTDD-RF | TSG | 14/08/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | D. Zhang, CWTS |
| BB | 1227 | R2 | | N | UE radio access capability | LCRTDD-UErac | TSG | 14/08/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | Y. Liu, CWTS |
| BB | 1228 | R3 | | N | Iub/Iur protocol aspects | LCRTDD-Iublur | TSG | 14/08/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | Y. Liu, CWTS |
| BB | 2262 | | | N | Low chiprate TDD interworking with GERAN | | | 01/09/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | | |
| WT | 2263 | | | N | Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD | | | 01/09/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | | |
| BB | 1911 | MLST | | N | Start Testing | | | 03/09/2001 00:00 | 03/09/2001 00:00 | 0% | No | No | | | |
| BB | 2103 | T1 | | N | Conformance Test Aspects - Low Chip Rate TDD | | | 17/09/2001 08:00 | 02/12/2003 17:00 | 52% | No | No | 0% | | |
| WT | 2217 | T1 | | N | Testing Layer 2 and layer 3 protocol aspects | | TSG | 17/09/2001 08:00 | 02/07/2003 17:00 | 60% | No | No | 34.123-1, 34.123-2 | duration set to 6 months (was 0) | |
| WT | 2562 | T1 | | N | Testing Layer 2 and layer 3 protocol aspects - TTCN | | TSG | 03/12/2002 08:00 | 02/12/2003 17:00 | 0% | No | No | 34.123-3 | | |
| WT | 2218 | T1 | | N | Testing RF Radio Transmission and Reception | | TSG | 17/09/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | duration set to 6 months (was 0), finish date set | |
| F | 1322 | S2 | Rel-4 | N | Enable bearer independent CS architecture | CSSPLIT | TSG | 03/01/2000 08:00 | 01/03/2002 17:00 | 68% | No | No | | | Alexander Milinski, Siemens |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|------|-------|-------|--|---------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 1323 | N4 | | N | Enable bearer-independent call control | | WG | 03/01/2000 08:00 | 16/08/2001 17:00 | 73% | Yes | No | | DAB 12.12.01 should be 100% hence closed | Heinz-Peter Keutman, Ericsson Heinz-Peter.Keutmann@ed.ericsson.se |
| WT | 1516 | S2 | | N | Architecture and Stage 2 description | | | 03/01/2000 08:00 | 08/09/2000 17:00 | 100% | No | No | 23.002 | R00 stage 2 at least 80 % complete in TSGS #8 21.-23.6.2000 ... | |
| WT | 1325 | N3 | | N | Standardisation of protocols (control & user planes) over Nb interface | | TSG | 02/01/2001 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | |
| WT | 1326 | N4 | | N | Standardisation of protocols over reference points between MSC server and Gateway MSC server | | TSG | 25/09/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | | |
| WT | 1616 | N4 | | N | Standardisation of detailed stage 2 description | | TSG | 17/07/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | No | | | |
| WT | 1327 | N4 | | N | Bearer control between MSC server and MGW | | TSG | 01/09/2000 08:00 | 16/08/2001 17:00 | 100% | Yes | Yes | | | |
| WT | 1328 | N4 | | N | stage 3 - protocol issues | | TSG | 01/09/2000 08:00 | 16/08/2001 17:00 | 100% | Yes | Yes | | | |
| WT | 1329 | N3 | | N | stage 3 - parameter value issues | | | 02/01/2001 08:00 | 30/03/2001 17:00 | 100% | No | No | | | |
| BB | 1331 | S3 | | N | Lawful interception | | | 21/08/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | Requirements capture: S3#14 (Aug 00), Feature specification: S3#15 (Sep 00), Definition of architecture. Should be included in general LI work mentioned above. | |
| BB | 1918 | MLST | | N | Start Testing | | | 05/03/2001 00:00 | 05/03/2001 00:00 | 0% | No | No | | | |
| BB | 2052 | T1 | | N | Conformance Test Aspects - Enable bearer independent CS architecture | CSSPLIT-TEST | | 05/03/2001 08:00 | 01/03/2002 17:00 | 0% | No | No | 0% | | |
| F | 1445 | T2 | Rel-4 | N | MExE enhancements Rel-4 | MEXE | TSG | 03/01/2000 08:00 | 14/12/2001 17:00 | 100% | Yes | Yes | | | |
| BB | 1447 | S3 | | N | MExE Security Analysis Activity | MEXE-SEC | TSG | 22/02/2000 08:00 | 14/12/2001 17:00 | 100% | Yes | Yes | | Presentation to S3 of threats and countermeasures analysis: S3#15, Feature specification: S3#16. S3#18: WID updated | Colin Blanchard, BT colin.blanchard@bt.com |
| WT | 2045 | S3 | | N | Stage 3 | MEXE1-SEC | | 17/07/2000 08:00 | 14/12/2001 17:00 | 100% | No | No | | Analysis undertaken by T2. No additional analysis needed for Rel-4 | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|--------------------|------------|------------------|------------------|--------|---------|----------|------------------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 1448 | T2 | | N | Terminal aspects | | | 22/02/2000 08:00 | 15/12/2000 17:00 | 100% | No | No | | | |
| BB | 1810 | T2 | | N | MExE Rel4 Improvements and Investigations | MEXE-ENHANC | TSG | 03/01/2000 08:00 | 15/12/2000 17:00 | 100% | No | Yes | 22.057, 23.057 | | Mark CATALDO, Motorola mcatald1@MOTOROLA.COM |
| WT | 1812 | T2 | | N | 3rd MExE classmark | | TSG | 03/01/2000 08:00 | 15/12/2000 17:00 | 100% | No | Yes | 22.057, 23.057 | Additional features for MExE R2000 | Mark CATALDO, Motorola mcatald1@MOTOROLA.COM |
| WT | 1814 | T2 | | N | FS on Secure download mechanism and capabilities to support SDR concepts | | TSG | 07/02/2000 08:00 | 15/12/2000 17:00 | 100% | No | Yes | 22.057, 23.057 | | Mark CATALDO, Motorola mcatald1@MOTOROLA.COM |
| WT | 1815 | T2 | | N | FS on Support of MP3/MPEG4 content | | TSG | 07/02/2000 08:00 | 15/12/2000 17:00 | 100% | No | Yes | 22.057, 23.057 | | Mark CATALDO, Motorola mcatald1@MOTOROLA.COM |
| F | 1631 | S4 | Rel-4 | N | Tandem Free aspects for 3G and between 2G and 3G systems | TFO | | 22/02/2000 08:00 | 15/06/2001 17:00 | 100% | No | No | | RAN and CN to verify no problems for GSM terminals roaming in 3G R99 | |
| BB | 1632 | S4 | | N | Tandem Free AMR | TFO-AMR | | 22/02/2000 08:00 | 15/06/2001 17:00 | 100% | No | No | | RAN and CN to verify UMTS_AMR_2 support | |
| WT | 130 | S4 | | N | Specification | | | 22/02/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | 28.062 | | |
| WT | 907 | NP | | N | Impact on: | | | 08/01/2001 08:00 | 15/06/2001 17:00 | 100% | No | No | | "Implementation" changed to "Impact on:" by A. Sultan (for better wording) | |
| WT | 131 | NP | | N | CN | | | 26/03/2001 08:00 | 15/06/2001 17:00 | 100% | No | No | | RAN and CN to verify UMTS_AMR_2 support | |
| WT | 132 | GP | | N | GERAN | | | 08/01/2001 08:00 | 06/04/2001 17:00 | 100% | No | No | | End date Modified from June to March to have it in Rel4 | |
| F | 2230 | N1 | Rel-4 | N | Advanced Speech Call Items enhancements_REL-4 | ASCI | TSG | 03/12/2000 08:00 | 14/03/2002 17:00 | 100% | No | No | | Approved in TSGN_10... | Sonia Garapaty sonia.garapaty@nortelnetworks.com |
| BB | 2232 | N4 | | N | Stage 2 | | WG | 03/12/2000 08:00 | 14/03/2002 17:00 | 100% | No | No | 23.067, 24.067 | CN4#11 30/11/02: no inputs received in CN4 | Vivien Perlic, Sagem |
| BB | 2231 | N1 | | N | Stages 2 and 3 on A interface | | WG | 03/12/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | 44.068, 44.069, 24.008 | | Sonia Garapaty sonia.garapaty@nortelnetworks.com |
| F | 2403 | GP | Rel-4 | N | 700 MHz spectrum support | 700SS | | 03/01/2000 08:00 | 20/12/2002 17:00 | 75% | No | No | | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|---------------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2404 | GP | | N | GERAN support for the 700 MHz band | | | 03/01/2000 08:00 | 19/01/2001 17:00 | 100 % | No | No | | | |
| WT | 2405 | GP | | N | Signalling support | | | 03/01/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | | |
| WT | 2406 | GP | | N | Physical layer definitions | | | 03/01/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | | |
| WT | 2407 | GP | | N | Receiver performance and RF budget | | | 03/01/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | | |
| BB | 2408 | GP | | N | GERAN MS Conformance test for 700 MHz band | | | 02/04/2001 08:00 | 30/11/2001 17:00 | 100 % | No | No | | | |
| WT | 2409 | GP | | N | MS test | | | 02/04/2001 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| BB | 2410 | GP | | N | GERAN BTS Conformance test for 700 MHz band | | | 02/04/2001 08:00 | 20/12/2002 17:00 | 100 % | No | No | | | |
| WT | 2411 | GP | | N | BTS test | | | 02/04/2001 08:00 | 20/12/2002 17:00 | 100% | No | No | | | |
| F | 2463 | NP | Rel-4 | N | Operator Determined Barring for Packet Oriented Services | ODB | TSG | 01/06/2000 08:00 | 19/03/2001 17:00 | 100 % | No | No | | Completed WI missing from the P-plan Added for tracking | oshiyuki Tamura tamurato@nsf.ncos.nec.co.jp |
| F | 2546 | S2 | Rel-4 | N | UMTS QoS Architecture for PS Domain | QoSPS | TSG | 03/01/2000 08:00 | 27/11/2002 17:00 | 38% | No | No | | | Ina Widegren, Ericsson Ina.widegren@era.ericsson.se |
| BB | 2548 | S2 | | N | Architecture | | TSG | 05/06/2000 08:00 | 03/01/2001 17:00 | 100 % | No | No | 23.107 | | |
| BB | 2550 | S5 | | N | Charging and OAM&P for QoS Management | QoSPS-OAM | TSG | 21/09/2001 08:00 | 28/06/2002 17:00 | 100 % | No | No | 32-series | | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| BB | 1681 | R3 | | N | RAB Quality of Service (re)Negotiation over lu | QoSPS-MAPEND-RABQoS | TSG | 21/08/2000 08:00 | 23/03/2001 17:00 | 69% | Yes | Yes | 25.413 | | A. Molander, Ericsson |
| WT | 1991 | R3 | | N | RAB Quality of Service Negotiation over lu | QoSPS-MAPEND-RABQoS-Negot | TSG | 21/08/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | | A. Molander, Ericsson |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|--------------|-----|----------|---|----------------------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|---------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2456 | R3 | | N | RAB Quality of Service Negotiation over Iu during relocation | QoS-SPS-MAPEND-RABQoS-NegotReloc | TSG | 02/03/2001 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| WT | 1992 | R3 | | N | RAB Quality of Service Re-Negotiation over Iu | QoS-SPS-MAPEND-RABQoS-ReNegot | TSG | 25/09/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | | S. Irwin, Motorola |
| BB | 1553 | GP | | N | GERAN QoS Aspects - Handovers: maintenance of real-time QoS while moving between cells in the PLMN including inter-SGSN and SRNS relocation or possibly other mechanisms | GERQoS | TSG | 03/01/2000 08:00 | 30/11/2001 17:00 | 73% | No | No | | | |
| WT | 2306 | GP | | N | Handover Concept for the PS domain | | TSG | 03/01/2000 08:00 | 30/11/2001 17:00 | 63% | No | No | | | |
| WT | 2309 | GP | | N | Stable RT handover report 25.936 including header removal | | TSG | 03/01/2000 08:00 | 19/01/2000 17:00 | 100% | No | No | | | |
| WT | 2307 | GP | | N | Update of stage 2 | | TSG | 03/01/2000 08:00 | 13/02/2001 17:00 | 100% | No | No | | | |
| WT | 2308 | G2 | | N | Update of relevant stage 3 specs -> RRC | | TSG | 03/01/2000 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| BB | 2614 | G4;R3 | | N | GERAN MS Conformance test for inter-system and intra-system Packet data real-time Handover | GERQoS-Mstest | TSG | 31/08/2001 08:00 | 27/11/2002 17:00 | 0% | No | No | | Still exist? To be clarified by GERAN4/5 | |
| WT | 2615 | G4;R3 | | N | Handover for the PS domain | | TSG | 31/08/2001 08:00 | 27/11/2002 17:00 | 0% | No | No | | | |
| WT | 2616 | G4;R3 | | N | Stable RT handover report 25.936 including header removal | | TSG | 31/08/2001 08:00 | 27/11/2002 17:00 | 0% | No | No | | | |
| WT | 2617 | G4;R3 | | N | Update of stage 2 | | TSG | 31/08/2001 08:00 | 27/11/2002 17:00 | 0% | No | No | | | |
| WT | 2618 | G4;R3 | | N | Update of relevant stage 3 specs | | TSG | 31/08/2001 08:00 | 27/11/2002 17:00 | 0% | No | No | | | |
| BB | 1685 | R3 | | N | PS-domain handover for real-time services | QoS-SPS-PSdoRTS | TSG | 28/08/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | A. Lansialmi, Nokia |
| BB | 2554 | R3 | | N | RAB QoS Renegotiation at Relocation | | TSG | 03/01/2001 08:00 | 23/03/2001 17:00 | 0% | No | No | 25.851, 25.946 | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|---------|-------|-------|--|---------------|------------|------------------|------------------|--------|---------|----------|---|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 1993 | Generic | Rel-4 | N | small Technical Enhancements and Improvements for Rel4 | TEI4 | TSG | 03/01/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | "Joker" WI, to be used for a Rel 4 CR not related to any feature and with very limited impact on the system | |
| F | 2857 | RP | NA | Y | Rel-4 Evolutions of the transport in the UTRAN | ETRAN | TSG | 21/08/2000 08:00 | 23/08/2002 17:00 | 76% | No | No | | | Francois Courau |
| BB | 2859 | R3 | Rel-4 | N | QoS optimisation for AAL2 connections over lub and lur interfaces | ETRAN-QoSAAL2 | TSG | 21/08/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | T. Yoshimura, Japan Telecom |
| BB | 2860 | R3 | Rel-4 | N | Transport bearer modification procedure on lub, lur, and lu | ETRAN-MigrMod | TSG | 02/10/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | | T. Yoshimura, Japan Telecom |
| BB | 2864 | T1 | | N | Conformance Test Aspects of Rel-4 evolutions of the transport in UTRAN | | | 25/02/2002 08:00 | 23/08/2002 17:00 | 0% | No | No | | | |
| WT | 2865 | T1 | | N | Testing RAB support enhancements | CT-RABS? | | 25/02/2002 08:00 | 23/08/2002 17:00 | 0% | No | No | 34.108, 34.121, 34.122, 34.123 pts 1,2, 34.123 pt 3 | Requires supporting companies | |
| F | 2866 | N4 | NA | Y | Rel-4 Evolutions of the transport in the CN | CNTRSP | | 29/05/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | WI formulation assigned to N4 | |
| BB | 2867 | N4 | Rel-4 | N | IP Transport of CN protocols (e.g., CAP, MAP) | SS7IP | | 07/12/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | AS: corrected to Rel4 as stated at SA#10 | |
| WT | 2868 | N4 | | N | Stage 3 | | | 07/12/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| WT | 2869 | N2 | | Y | CAP | | WG | 07/12/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| WT | 2870 | N4 | | N | MAP | | | 07/12/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| WT | 2871 | N1 | | N | BSSAP+ | SS7IP-BSSAP+ | WG | 15/01/2001 08:00 | 14/03/2001 17:00 | 100% | No | No | | | |
| BB | 2873 | S2 | Rel-4 | N | FS on Transport and control separation in the PS CN domain | | TSG | 29/05/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | Rel4 added | Juan-Antonio Ibanez, Ericsson Deutschland Juan-Antonio.Ibanez@ee.d.ericsson.se |
| WT | 2874 | S2 | | N | Architectural impacts | | WG | 29/05/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | No | | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|----|-----------|-------|--|----------------|------------|------------------|------------------|--------|---------|----------|----------------------------------|---------------------------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 2875 | RP | NA | Y | Rel-4 Improvements of Radio Interface | RInImp | TSG | 10/07/2000 08:00 | 14/03/2003 17:00 | 81% | No | No | | | |
| BB | 2884 | R4 | Rel-4 | N | UTRA repeater specification (master) | RInImp-REP | TSG | 10/07/2000 08:00 | 21/03/2001 17:00 | 100% | Yes | Yes | | | T. Kummetz, Mikom; Alf Ahlström, Allgon |
| BB | 2885 | R1 | Rel-4 | N | DSCH power control improvement in soft handover | RInImp-DSCHsho | TSG | 11/09/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | | A. Toskala, Nokia |
| BB | 2886 | R4 | Rel indep | N | UMTS 1800 | RInImp-UMTS18 | TSG | 25/09/2000 08:00 | 14/12/2001 17:00 | 100% | Yes | Yes | | | H. Benn, Motorola |
| BB | 2887 | R4 | Rel indep | N | UMTS 1900 | RInImp-UMTS19 | TSG | 19/03/2001 08:00 | 14/12/2001 17:00 | 100% | No | No | | | Howard Benn, Motorola |
| BB | 2892 | R2 | | N | FS on High Speed downlink packet access | RInImp-HSDPA | TSG | 21/08/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | No | | | A. Ghosh, Motorola |
| BB | 2894 | R2 | | N | FS on improved common DL channel for Cell-FACH state | RInImp-DLCFACH | TSG | 11/09/2000 08:00 | 28/12/2001 17:00 | 100% | Yes | Yes | | Stopped at RAN#14 | J. Kwak, GBT |
| BB | 2901 | T1 | | N | Conformance Test Spec. Rel-4 improvements in Radio Interface | | | 08/10/2001 08:00 | 14/03/2003 17:00 | 64% | No | No | | | |
| WT | 2904 | T1 | | N | Testing Improved usage of downlink resource in FDD for CCTrCHs of dedicated type | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | start/finish dates set... | |
| WT | 2905 | T1 | | N | Testing Terminal Power saving features | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | start/finish dates set... | |
| WT | 2906 | T1 | Rel-4 | N | Testing DSCH power control improvement in soft handover | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | start/finish dates set... | |
| WT | 2907 | T1 | Rel indep | N | Testing UMTS 1800 | | TSG | 08/10/2001 08:00 | 14/06/2002 17:00 | 100% | No | No | 34.108, 34.121, 34.122, 34.123-1 | finish date set | |
| WT | 2908 | T1 | Rel indep | N | Testing UMTS 1900 | | TSG | 08/10/2001 08:00 | 14/06/2002 17:00 | 100% | No | No | 34.108, 34.121, 34.122, 34.123-1 | finish date set | |
| WT | 2909 | T1 | Rel indep | N | Testing UMTS 1800 - TTCN | | TSG | 17/06/2002 08:00 | 14/03/2003 17:00 | 100% | No | No | 34.123-3 | finish date set | |
| WT | 2910 | T1 | Rel indep | N | Testing UMTS 1900 - TTCN | | TSG | 17/06/2002 08:00 | 14/03/2003 17:00 | 100% | No | No | 34.123-3 | finish date set | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|------|-------|-------|--|---------------|------------|------------------|------------------|--------|---------|----------|----------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 2911 | RP | NA | Y | Rel-4 RAN improvements | RANimp | TSG | 14/08/2000 08:00 | 17/03/2004 17:00 | 14% | No | No | | | |
| BB | 2921 | R1 | Rel-4 | N | Node B synchronisation for TDD | RANimp-NBsync | TSG | 14/08/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | | S. Oestreich, Siemens |
| BB | 2923 | R2 | Rel-4 | N | RAB support enhancement for Rel-4 | RANimp-RABSE | TSG | 21/08/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | 29 Nov 2000: split into ROHC and non-ROHC part; 5 Mar 2001: splitting off of ROHC for Rel-4 agreed by R2 | M. Israelsson, A. Krishnarajah, Ericsson |
| BB | 2930 | MLST | | N | Start Testing | | | 03/12/2001 00:00 | 03/12/2001 00:00 | 0% | No | No | | UID changed | |
| BB | 2931 | T1 | | N | Conformance Test Aspects - Rel-4 RAN Improvements | | | 01/01/2002 08:00 | 17/03/2004 17:00 | 2% | No | No | 0% | | |
| WT | 2932 | T1 | | N | Testing Radio access bearer support enhancements | | | 01/01/2002 08:00 | 02/09/2002 17:00 | 0% | No | No | | duration set to 6 months (was 0)... | |
| WT | 2933 | T1 | Rel-4 | Y | Testing RAB support enhancements-Robust Header Compression | RABimp-RoCH | TSG | 28/05/2002 08:00 | 03/09/2003 17:00 | 0% | No | No | 34.123-1, -2 | UID changed | |
| WT | 3513 | T1 | Rel-4 | Y | Testing RAB support enhancements-Robust Header Compression - TTCN | | TSG | 28/05/2002 08:00 | 17/03/2004 17:00 | 0% | No | No | 34.123-3 | UID changed | |
| WT | 3514 | T1 | Rel-4 | N | Testing of Extended Robut Header Compression | Ext-RoHC | TSG | 18/09/2002 08:00 | 30/09/2003 17:00 | 15% | No | No | 34.123-1, -2 | | |
| WT | 3515 | T1 | Rel-4 | N | Testing of Extended Robut Header Compression - TTCN | | TSG | 18/09/2002 08:00 | 16/12/2003 17:00 | 0% | No | No | 34.123-3 | | |
| WT | 3640 | T1 | Rel-4 | N | General changes to TS34.121 corresponding to release 4 | RANimp-test | TSG | 03/03/2003 08:00 | 03/03/2004 17:00 | 0% | No | No | 34.108, 34.121 | | |
| F | 2934 | N1 | NA | Y | Rel-4 Emergency call enhancements | EMC1 | WG | 03/01/2000 08:00 | 28/05/2002 17:00 | 65% | Yes | No | | | Mr Rouzbeh, Ericsson EUSFARO@am1.ericsson.se |
| BB | 2943 | N1 | Rel-4 | N | For CS based calls | EMC1-CS | TSG | 03/01/2000 08:00 | 28/05/2002 17:00 | 67% | Yes | Yes | | WI approved in TSG_10... | Mr Rouzbeh, Ericsson EUSFARO@am1.ericsson.se |
| WT | 2944 | S1 | | N | Distinction in CS domain of emergency call types to different emergency services | | | 01/05/2000 08:00 | 23/06/2000 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|-----------------|------------|------------------|------------------|--------|---------|----------|----------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2945 | N1 | | N | Distinction in CS domain of emergency calls to different emergency types | | | 28/08/2000 08:00 | 26/09/2000 17:00 | 100% | No | No | | Calls to different emergency services such as ambulance, fire brigade, police, etc. can be routed to respective different emergency centres.... | |
| WT | 2946 | T1 | | N | Conformance Test Aspects - Emergency call enhancements | | | 03/01/2000 08:00 | 28/07/2000 17:00 | 0% | No | No | | UID changed | |
| WT | 2947 | T1 | | N | Testing CS based emergency calls | | TSG | 25/02/2002 08:00 | 28/05/2002 17:00 | 100% | No | No | 34.123-1 | | |
| WT | 2948 | T1 | | N | Testing CS based emergency calls - TTCN | | TSG | 22/11/2001 08:00 | 28/05/2002 17:00 | 100% | No | No | 34.123-3 | | |
| F | 2987 | T2 | NA | Y | Rel-4 Terminal interfaces | TI | | 03/01/2000 08:00 | 15/03/2001 17:00 | 68% | No | No | | | |
| BB | 2988 | T2 | Rel-4 | N | AT commands enhancements | TI-ATC | | 03/01/2000 08:00 | 14/03/2001 17:00 | 100% | No | No | 27.007 | | |
| WT | 2989 | T2 | | N | Specification of AT commands for new services | | | 03/01/2000 08:00 | 14/03/2001 17:00 | 100% | No | No | 27.007 | goal not completely achieved because of missing input | |
| BB | 2991 | T2 | NA | Y | Wide Area Data Synchronisation | TI-WADS | | 03/01/2000 08:00 | 14/03/2001 17:00 | 56% | No | No | | AS: Rel5 changed to Rel4 according to SA#10 decision, milestone on testing added | |
| WT | 2992 | T2 | Rel-4 | N | Continues evolution of Synchronisation protocol | TI-SYNC-EVOL | | 03/01/2000 08:00 | 14/03/2001 17:00 | 100% | No | No | 27.903, 27.103 | | |
| BB | 2993 | T2 | Rel-4 | N | Terminal local model | TLM | TSG | 16/05/2000 08:00 | 15/03/2001 17:00 | 100% | No | Yes | 23.227 | | Olga Tomé, Ericsson Olga.Tome@ECS.E RICSSON.SE |
| F | 2995 | S2 | NA | Y | Rel-4 Location Services enhancements | LCS1 | TSG | 03/04/2000 08:00 | 28/12/2001 17:00 | 75% | No | No | | | Jan Kall, Nokia |
| BB | 2996 | T2 | Rel-4 | N | CBS interactions | LCS1-CBS | | 03/04/2000 08:00 | 28/12/2001 17:00 | 100% | No | No | 23.041 | | |
| BB | 2997 | S2 | Rel-4 | N | LCS support in the CS domain | LCS1-CS | | 15/05/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | | Only MAP impact foreseen so far. To be further split if needed. | |
| BB | 2998 | S2 | Rel-4 | N | LCS support in the PS domain | LCS1-PS | | 01/05/2000 08:00 | 28/12/2001 17:00 | 75% | No | No | | | |
| WT | 2999 | S1 | | N | Stage 1 | | | 03/07/2000 08:00 | 25/08/2000 17:00 | 100% | No | No | 22.071 | To be also considered: External LCS client identity, and Privacy options when PDP-context and when no PDP-context is established | Randolph Wohler, Pacific Bell Wireless rwohler@tri.sbc.com |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|----------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3000 | S2 | | N | Stage 2 | | | 01/05/2000 08:00 | 19/01/2001 17:00 | 100% | No | No | 23.271 | AS: 23.271 completed at SA#10 | |
| WT | 3001 | N1 | | N | Stage 3 | | | 21/08/2000 08:00 | 28/12/2001 17:00 | 100% | No | No | | | |
| WT | 3002 | N1 | | N | Layer 3 LCS signaling UE (MS) -SGSN (UMTS PS and GSM-GPRS) | | | 21/08/2000 08:00 | 28/12/2001 17:00 | 100% | No | No | | | Janne Muhonen / Nokia |
| WT | 3003 | N4 | | N | MAP impacts of LCS | | | 21/08/2000 08:00 | 30/03/2001 17:00 | 100% | No | No | | Missing work task | |
| WT | 3004 | N4 | | N | GTP signaling for LCS | | | 21/08/2000 08:00 | 30/03/2001 17:00 | 100% | No | No | | | |
| BB | 3005 | RP | NA | N | UE positioning Rel-4 | LCS1-UEpos | TSG | 03/04/2000 08:00 | 30/03/2001 17:00 | 100% | Yes | Yes | | UID changed | |
| WT | 3006 | R3 | Rel-4 | N | Iub/Iur interfaces for methods Rel 99 | LCS1-UEpos-Iublur | TSG | 03/04/2000 08:00 | 30/03/2001 17:00 | 100% | No | Yes | | 27/11: WG corrected; rapporteur corrected | Yun-Chao Hu, Ericsson |
| WT | 3007 | R2 | Rel-4 | N | UE positioning enhancements - IPDL for TDD | LCS1-UEpos-enh | TSG | 28/08/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | 5 Mar 2001: splitting off of IPDL for TDD for Rel-4 agreed by R2 | M. Beckmann, Siemens |
| F | 3045 | T3 | NA | N | Rel-4 UICC/(U)SIM enhancements and interworking | UICC1 | | 24/07/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| BB | 3046 | T3 | Rel-4 | N | Common PCN Handset Specification (CPHS) | UICC1-CPHS | TSG | 24/07/2000 08:00 | 23/03/2001 17:00 | 100% | No | Yes | 27.103 | 28/5/2001: CRs approved at TP-11. WI complete. | ?, One2One |
| F | 3047 | T3 | NA | N | Rel-4 (U)SIM toolkit enhancements | USAT1 | | 05/06/2000 08:00 | 23/03/2001 17:00 | 100% | No | No | | | |
| BB | 3048 | T3 | Rel-4 | N | USAT local link | USAT1-LocLnk | TSG | 05/06/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | | 25/5/2001:CR was approved at TP-11. WI is complete | Jean-Francois Rubon (Gemplus) |
| F | 3057 | S3 | NA | N | Rel-4 Security enhancements | SEC1 | TSG | 03/01/2000 08:00 | 15/03/2002 17:00 | 86% | No | No | | Added BB UE authentication and rapporteur added. TO BE DELETED | Peter Howard, Vodafone Peter.Howard@vodafone.com |
| BB | 3058 | S3 | Rel-4 | N | Evolution of GSM CS algorithms (e.g. A5/3 development and deployment) | SEC1-CSALGO 1 | TSG | 03/01/2000 08:00 | 15/01/2001 17:00 | 100% | Yes | Yes | | Algorithm development go-ahead at SA3#21. Scheduled for completion in August 2002?. Approved SA#17. DELETE ENTRY FROM REL-4? | ? ? |
| BB | 3059 | S3 | Rel-4 | N | Evolution of GSM PS algorithms (e.g. GEA 2 deployment) | SEC1-PSALGO 1 | TSG | 22/02/2000 08:00 | 22/12/2000 17:00 | 100% | Yes | Yes | | A5/3 development will consider new GEA algorithm based on Kasumi. | ? ? |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|---------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3060 | S3 | | N | Main aspects | | | 22/02/2000 08:00 | 24/11/2000 17:00 | 100% | No | No | | Complete TSG#09 (09/2000). S3#17: Proposed for deletion. TO BE DELETED | |
| WT | 3061 | N4 | | N | Impact on GTP | | WG | 20/03/2000 08:00 | 22/12/2000 17:00 | 100% | Yes | No | | | |
| WT | 3062 | N1 | | N | GEA capability indication in MS CM | SEC1-PSALGO1-GEACAP | | 19/06/2000 08:00 | 22/12/2000 17:00 | 100% | No | No | | | Duncan Mills / Vodafone Airtouch |
| BB | 3063 | S3 | Rel-4 | Y | MAP application layer security | SEC1-MAPAL | TSG | 03/01/2000 08:00 | 15/03/2002 17:00 | 76% | No | Yes | | TO DELETE: REPLACED BY NDS-MAP and NDS-IP. TO BE DELETED, but replacement NDS-MAP was missing. Completed Auto Key Management -> Rel-6 | |
| WT | 3064 | S3 | | N | Main aspects | | WG | 21/02/2000 08:00 | 29/03/2001 17:00 | 100% | Yes | No | | UID changed | |
| WT | 3065 | N4 | | N | Other stage 3 aspects | | TSG | 22/02/2000 08:00 | 24/11/2000 17:00 | 100% | Yes | Yes | | UID changed | |
| WT | 3066 | S3 | Rel-5 | N | CHECK STATUS - Visibility and Configurability of security | SEC1-VCS | TSG | 03/01/2000 08:00 | 15/03/2002 17:00 | 60% | Yes | Yes | | CR approved at SA3#21 awaiting comments from CN1. | Sébastien Nguyen Ngoc, France Telecom Sebastien.nguyennoc@rd.francetelecom.com |
| F | 3078 | S5 | NA | N | Rel-4 Charging and OAM&P | OAM | TSG | 01/12/2000 08:00 | 05/10/2001 17:00 | 100% | No | No | 32-series | az: WID appr.SA#13. | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| BB | 3438 | S5 | Rel-4 | N | Rel4 Principles, high level Requirements and Architecture | OAM-AR/PR | TSG | 01/12/2000 08:00 | 21/06/2001 17:00 | 100% | Yes | Yes | 32.101, 32.102 | | Michael TRUSS (Motorola), Tommy BERGGREN (Telia AB) Michael.Truss@MOTOROLA.COM; Tommy.R.Berggren@TELIA.SE |
| BB | 3439 | S5 | Rel-4 | N | Rel4 Performance Management | | TSG | 01/12/2000 08:00 | 28/09/2001 17:00 | 100% | No | No | 32.4xy, 52.402 | Changed Rapp email | Karl-Heinz NENNER (T-Mobile) karl-heinz.nenner@t-mobile.de |
| BB | 3440 | S5 | Rel-4 | N | Fault Management | | TSG | 01/12/2000 08:00 | 05/10/2001 17:00 | 100% | Yes | Yes | 32.111-1/4 | | Patrick JURÉ (Lucent Technologies) pjure@LUCENT.COM |

| Extracted from 3GPP Work Plan: Work Plan for Rel-4 - Version 2003 April 23rd | | | | | | | | | | | | | | | |
|---|-------|------|-----------------|-------|--|---------|------------|------------------|------------------|--------|---------|----------|-------------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3441 | S5 | Rel-4 | N | Configuration Management | OAM-CM | TSG | 01/12/2000 08:00 | 21/06/2001 17:00 | 100 % | No | No | 32.106-1/8 | | Thomas TOVINGER (Ericsson) Thomas.Tovinger@emw.ericsson.se |
| BB | 3442 | S5 | Rel-4 | N | Rel4 Charging Management | OAM-CH | TSG | 01/12/2000 08:00 | 28/09/2001 17:00 | 100 % | No | No | 32.2xy (Charging) | Changed Rapp email | Karl-Heinz NENNER (T-Mobile) karl-heinz.nenner@t-mobile.de |
| BB | 3443 | S5 | Rel-4 | N | UTRAN Operations and Maintenance procedures | UOAM | TSG | 01/12/2000 08:00 | 21/06/2001 17:00 | 100 % | Yes | No | 32.800 | | Bert Boden (Mannesmann Mobilfunk) bert.boden@d2mannesmann.de |
| F | 1517 | S2 | Rel Independent | N | Global Text Telephony | GTT | TSG | 28/06/2000 08:00 | 29/08/2002 17:00 | 84% | No | No | | SP-000162 agreed WI. Rapporteur... | Gunnar Hellström, Ericsson gunnar.hellstrom@omnitor.se |
| BB | 1634 | S1 | | N | Stage 1 | | TSG | 28/06/2000 08:00 | 16/03/2001 17:00 | 100 % | No | No | 22.976, 22.226 | | |
| BB | 1519 | S2 | | N | Stage 2 | | TSG | 11/09/2000 08:00 | 22/06/2001 17:00 | 100 % | No | No | 23.226 | | |
| BB | 2234 | S4 | | N | Specification of Cellular Text telephone Modem | GTT-CTM | | 11/09/2000 08:00 | 19/03/2001 17:00 | 100 % | No | No | | | |
| WT | 2238 | S4 | | N | General description and C-code | | | 11/09/2000 08:00 | 11/12/2000 17:00 | 100% | No | No | 26.226, 26.230 | | |
| WT | 2237 | S4 | | N | Minimum Performance requirements | | | 11/09/2000 08:00 | 19/03/2001 17:00 | 100% | No | No | 26.231 | | |
| BB | 1915 | MLST | | N | Start Testing | | | 18/02/2002 00:00 | 18/02/2002 00:00 | 0% | No | No | | | |
| BB | 1852 | T1 | | N | Conformance Test Aspects - Global Text telephony | | | 01/03/2002 08:00 | 29/08/2002 17:00 | 0% | No | No | 34.125 | Bearer services, new spec document?... | |

Annex H: Definition of Release 5, extracted from the Project Plan - Version July 25 2003

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|------------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|----------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 625 | R3 | Rel-5 | N | IP transport in the UTRAN | ETRAN-IPtrans | TSG | 17/07/2000 08:00 | 29/03/2002 17:00 | 100 % | Yes | Yes | | | Nicolas Drevon, Alcatel |
| F | 2455 | N4 | Rel-5 | N | FS on Usage of SUA | SS7IP | | 12/03/2001 08:00 | 21/12/2001 17:00 | 100 % | No | No | | update WID... | |
| F | 2476 | R2 | Rel-5 | N | High Speed Downlink Packet Access | HSDPA | TSG | 02/04/2001 08:00 | 06/06/2003 17:00 | 96% | No | No | | | Ravi Kuchibhotla, Motorola |
| BB | 2477 | R1 | | N | Physical Layer | HSDPA-Phys | TSG | 05/04/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Amitava Ghosh, Motorola |
| BB | 2478 | R2 | | N | Layer 2 and 3 aspects | HSDPA-L23 | TSG | 05/04/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | 30 November: Completion date shifted to March 2002 | Ravi Kuchibhotla, Motorola |
| BB | 2479 | R3 | | N | Iub/Iur protocol aspects | HSDPA-IubIur | TSG | 02/04/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Mike Diesen, Motorola |
| BB | 2480 | R4 | | N | RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing | HSDPA-RF | TSG | 09/04/2001 08:00 | 06/06/2003 17:00 | 90% | No | No | | | Howard Benn, Motorola |
| F | 3246 | RP | NA | Y | Rel-5 Improvements of Radio Interface | RInImp | TSG | 14/08/2000 08:00 | 30/08/2002 17:00 | 89% | No | No | | | |
| BB | 3248 | R4 | Rel-5 | N | Base station classification | RInImp-BSCClass | TSG | 14/08/2000 08:00 | 14/06/2002 17:00 | 100 % | Yes | Yes | | | A. Toskala, Nokia |
| WT | 3250 | R4 | | N | TDD Base station classification | RInImp-BSCClass-TDD | TSG | 14/08/2000 08:00 | 08/03/2002 17:00 | 100% | Yes | Yes | | | A. Toskala, Nokia |
| WT | 3251 | R4 | | N | Base Station Classification for 1.28 Mcps TDD option | RInImp-BSCClass-LCRTDD | TSG | 15/06/2001 08:00 | 14/06/2002 17:00 | 100% | No | No | | | Meik Kottkamp, Siemens |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|--------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|---------------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3256 | R1 | Rel-5 | N | Enhancement on the DSCH hard split mode | RInmp-DSCHhs p | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Jaeyoel KIM, Samsung |
| BB | 1217 | R2 | Rel-5 | N | Hybrid ARQ II/III | RInmp-HARQ | TSG | 21/08/2000 08:00 | 28/12/2001 17:00 | 100 % | Yes | No | | Stopped at RAN#14; work on this task was performed as part of High Speed Downlink Packet Access feature | A. Sitte, Siemens |
| BB | 3259 | R1 | Rel-5 | N | FS on USTS | RInmp-USTS | TSG | 14/08/2000 08:00 | 21/12/2001 17:00 | 100 % | Yes | Yes | | | D. Kim, SK Telecom |
| BB | 3260 | R4 | Rel-5 | N | FS on UE antenna efficiency test method performance requirements | RInmp-UEAnTM | TSG | 25/09/2000 08:00 | 14/09/2001 17:00 | 100 % | Yes | Yes | | | O. Edvardsson, Allgon |
| BB | 3261 | R4 | Rel-5 | N | FS on the re-introduction of the downlink SIR measurement | RInmp-SIR | TSG | 12/03/2001 08:00 | 14/12/2001 17:00 | 100 % | No | No | | | Torgny Palenius, Ericsson |
| BB | 3263 | R4 | Rel-5 | N | FS on mitigating the effect of CPICH interference at the UE | RInmp-CPICH_Inf | TSG | 19/03/2001 08:00 | 08/03/2002 17:00 | 100 % | No | No | | | Shimon Moshavi, Intel |
| BB | 3268 | T1 | | N | Conformance Test Spec. improvements in Radio Interface | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | | |
| WT | 3269 | T1 | Rel-5 | N | Testing improvement of inter-frequency and inter-system measurement | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | start/finish dates set... | |
| WT | 3270 | T1 | Rel-5 | N | Testing Hybrid ARQ II/III | | | 18/02/2002 08:00 | 30/08/2002 17:00 | 0% | No | No | | start/finish dates set... | |
| F | 3271 | RP | NA | Y | Rel-5 RAN improvements | RANimp | TSG | 16/03/2001 08:00 | 01/03/2004 17:00 | 72% | No | No | | | |
| BB | 3272 | R3 | Rel-5 | N | RRM optimization for Iur and Iub | RANimp-RRMopt | TSG | 16/03/2001 08:00 | 04/06/2002 17:00 | 100 % | Yes | Yes | | | Gert-Jan van Lieshout, Ericsson |
| WT | 3273 | R3 | | N | Iur common transport channel efficiency optimisation | RANimp-RRMopt-ctc | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100% | No | No | | | Shahrokh Amirijoo, Ericsson |
| WT | 3274 | R3 | | N | Iur neighbouring cell reporting efficiency optimisation | RANimp-RRMopt-ncr | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100% | No | No | | | Shahrokh Amirijoo, Ericsson |
| WT | 3275 | R3 | | N | FS Introduction of direct transport bearers between SRNC and Node-B | RAN-imp-RRMopt-DTB | TSG | 15/06/2001 08:00 | 04/06/2002 17:00 | 100% | No | No | | FS was closed and introduction of WI not agreed at RAN #16 | Risto Sepponen, Ericsson |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|------|-------|-------|---|---------------|------------|------------------|------------------|--------|---------|----------|------------------------|--|---------------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3276 | R3 | Rel-5 | N | RL Timing Adjustment | RANimp-RLTA | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Elena Voltolina, Ericsson |
| BB | 3277 | R3 | Rel-5 | N | Separation of resource reservation and radio link activation | RANimp-SepRR | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Gert-Jan van Lieshout, Ericsson |
| BB | 3280 | R3 | Rel-5 | N | FS SRNS Relocation Procedure Enhancement | RANimp-SRNS | TSG | 15/06/2001 08:00 | 03/09/2002 17:00 | 100 % | No | No | | | Olivier Guyot, Nokia |
| BB | 3278 | R3 | Rel-5 | N | FS Improvement of Radio Resource Management across RNS and RNS/PSS | RANimp-ImPRRM | TSG | 16/03/2001 08:00 | 21/12/2001 17:00 | 100 % | No | No | | FS was closed and WI was introduced at RAN #14 | Antti Toskala, Nokia |
| BB | 3279 | R3 | Rel-5 | N | Re-arrangements of lub transport bearers | RANimp-TTPS | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Antti Toskala, Nokia |
| BB | 3282 | R2 | Rel-5 | N | RAB support enhancement for Rel-5 | RANimp-RABSE5 | TSG | 02/04/2001 08:00 | 28/06/2002 17:00 | 100 % | No | No | | RFC 3095 context relocation | Juha Mikola, Nokia |
| BB | 3285 | R1 | Rel-5 | N | Beamforming requirements for UE | RANimp-BFR-UE | TSG | 21/09/2001 08:00 | 14/12/2001 17:00 | 100 % | No | No | | | Jussi Kähtävä, Nokia |
| BB | 3287 | R1 | Rel-5 | N | Support of Site Selection Diversity Transmission in UTRAN | RANimp-SSDT | TSG | 14/12/2001 08:00 | 04/06/2002 17:00 | 100 % | No | No | | RP-020356 | NEC |
| BB | 3288 | R1 | Rel-5 | N | Node B Synchronisation for 1.28 Mcps TDD | RANimp-NBSLCR | TSG | 16/03/2001 08:00 | 29/03/2002 17:00 | 100 % | No | No | | | Jinling HU, CWTS/CATT |
| BB | 3290 | MLST | | N | Start Testing | | | 03/12/2001 00:00 | 03/12/2001 00:00 | 0% | No | No | | | |
| BB | 3291 | T1 | | N | Conformance Test Aspects - RAN Improvements | | | 01/01/2002 08:00 | 01/03/2004 17:00 | 0% | No | No | 0% | | |
| WT | 3292 | T1 | | N | Testing Radio access bearer support enhancements | | | 01/01/2002 08:00 | 02/09/2002 17:00 | 0% | No | No | | duration set to 6 months (was 0)... | |
| WT | 3641 | T1 | Rel-5 | N | General changes to TS34.121 and TS34.122 corresponding to release 5 | RANimp-test | TSG | 03/03/2003 08:00 | 01/03/2004 17:00 | 0% | No | No | 34.108, 34.121, 34.122 | | |
| F | 3096 | R3 | Rel-5 | N | UTRAN Sharing in Connected Mode | NETSH ARE | | 03/12/2001 08:00 | 03/09/2002 17:00 | 100 % | No | No | | Formerly 'Shared Network support in connected mode', renamed at RAN #16. | Martin Israelsson, Ericsson |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|--------------|------------|------------------|------------------|--------|---------|----------|---------------------------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3293 | S1 | NA | N | Provisioning of IP-based multimedia services | IMS | TSG | 03/01/2000 08:00 | 03/03/2004 17:00 | 84% | No | No | | S1 WI proposed S1-000290... | Mark Cataldo, Openwave |
| BB | 3294 | S2 | Rel-5 | N | Call control and roaming to support IMS in UMTS | IMS-CCR | TSG | 03/01/2000 08:00 | 14/06/2002 17:00 | 88% | No | No | | | Liz Daniel, Lucent |
| WT | 3295 | S1 | | N | Stage 1 | | | 21/02/2000 08:00 | 15/12/2000 17:00 | 100% | No | No | 22.228 | Issues include e.g.: Roaming requirements, Requirements on supplementary services, Interworking requirements | Mark Cataldo, Motorola 17.-21.7., S1#9, Completion of CR's against 22 series [dates taken from 22.976] |
| WT | 3296 | S2 | | N | Stage 2 (Architecture and Main flows) | | TSG | 14/04/2000 08:00 | 23/03/2001 17:00 | 100% | Yes | Yes | 23.228 | Issues include e.g.: Mobile IP, RAB selection principles, Optimized VoIP bearer mechanisms, SIP multimedia protocol | Liz Daniel, Lucent R00 stage 2 at least 80 % complete in TSGS #8 21.-23.6.2000 [WI dates need revision. To be revised by TSG#8] |
| WT | 3297 | N1 | | N | Impact on MM/CC/SM | IMS-CCR-IWMM | | 28/08/2000 08:00 | 08/03/2002 17:00 | 100% | No | No | | Per 26/2-02: This is understood to be the PCO & TFT CRs which CN1 provides to TSGN #15 for approval. If this is correct understanding, then the task is 100 % complete. | Keith Drage, Lucent drage@lucent.com |
| WT | 3298 | N1 | | N | SIP Call Control protocol for the IMS | | TSG | 03/01/2000 08:00 | 14/06/2002 17:00 | 100% | No | No | TS 24.228, TS 24.229, TS 23.218 | TSGN_10 approved the change:CN1 - SA2 SIP joint meeting spotted one more place for improvement: work tasks with ID 1998 and 1278 are actually subtasks under of single CN1 WT. One WI has been approved for the CN1 WT with title "SIP Call Control protocol...Keith Drage, Lucent 81.1.4 93% NP-010643 ftp://ftp.3gpp.org/Information/WI_Sheet/NP-010643.pdf 50 24/01/2002 08:00 No Yes 3 12.1.4 Fixed Duration 2233 drage@lucent.com No N1 | Keith Drage, Lucent drage@lucent.com |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-----|-------|---|---------|------------|----------------------|----------------------|--------|---------|----------|----------------|---|------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3299 | N1 | | N | IMS signalling flows | | TSG | 02/10/20 00 08:00 | 22/03/20 02 17:00 | 100% | Yes | Yes | TS 24.228 | TS 24.228... | |
| WT | 3300 | N1 | | N | IMS stage 3 | | TSG | 02/10/20 00 08:00 | 22/03/20 02 17:00 | 100% | Yes | Yes | TS 24.229 | TS 24.229... | |
| WT | 3301 | N1 | | N | IMS Session Handling; stage 2 | | TSG | 02/10/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | TS 23.218 | TS 23.218... | |
| WT | 3302 | NP | | N | Main IETF dependencies | | | 03/01/20 00 08:00 | 07/06/20 02 17:00 | 96% | No | No | | | |
| WT | 3303 | N1 | | N | IETF: RFC 3261 (Session Initiation Protocol) | | | 24/11/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3304 | N1 | | N | IETF: RFC 3262 (Reliability of provisional responses) | | | 24/11/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3305 | N1 | | N | IETF: RFC 3312 (Without COMET)(Integration of resource management and SIP) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3306 | N1 | | N | IETF: RFC 3323 (SIP extensions for caller identity and privacy) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3307 | N1 | | N | IETF: RFC 3313 (SIP extensions for media authorization) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3308 | N1 | | N | IETF: RFC 3265 (specific event notification) | | | 24/11/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3309 | N1 | | N | IETF: RFC editor Queue (refer method) | | | 24/11/20 00 08:00 | 07/06/20 02 17:00 | 100% | No | No | | | |
| WT | 3310 | N1 | | N | IETF: RFC editor Queue (DHCP options for SIP servers) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3312 | N1 | | N | IETF: RFC 3267 (AMR and AMR WB RTP and SDP) | | | 24/11/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3313 | N1 | | N | IETF: RFC 3266 (IPv6 support within SDP) | | | 03/01/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3314 | N1 | | N | IETF: RFC 3311 (The Update method) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3315 | N1 | | N | IETF: RFC 3324 (Network Asserted Identity) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3316 | N1 | | N | IETF: RFC editor Queue (Various 3GPP Private Extensions) | | | 24/11/20 00 08:00 | 13/05/20 02 17:00 | 100% | No | No | | | |
| WT | 3317 | S2 | | N | Addressing | | | 09/10/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | | |
| WT | 3318 | S2 | | N | Architectural issues | | | 09/10/20 00 08:00 | 31/08/20 01 17:00 | 100% | No | No | | | |
| WT | 3319 | N4 | | N | Impact on HSS | | | 15/11/20 00 08:00 | 22/03/20 02 17:00 | 100% | No | No | | 17th May, KK: This is cover by 29.228 & 29228. Work complete. | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|---|------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3320 | S1 | | Y | Service Examples (Work stopped) | IMS-Sex | TSG | 17/04/2001 08:00 | 14/06/2002 17:00 | 31% | No | No | 22.928 | | Mark Cataldo, Motorola mcatald1@email.mot.com |
| WT | 3321 | S1 | | Y | IMS Framework Report (work stopped) | IMS-FrWk | TSG | 17/04/2001 08:00 | 14/06/2002 17:00 | 50% | No | No | 22.941 | | Randolph Wohler, SBC Technology Resources, Inc. rwohler@tri.sbc.com |
| BB | 3322 | S3 | Rel-5 | N | Access Security for IMS | IMS-ASEC | TSG | 08/10/2001 08:00 | 28/06/2002 17:00 | 100% | Yes | No | | TS33.203 will be presented for info at SA#14 and is scheduled for approval at SA#15. Dependencies on IETF exist. Approved SA#15 | Krister Boman, Ericsson krister.boman@ericsson.se |
| WT | 3324 | T3 | | N | IMS impacts on UICC (ISIM application) | | | 08/10/2001 08:00 | 21/06/2002 17:00 | 100% | No | No | | | Jeremy Norris (Vodafone) |
| WT | 3325 | N1 | | N | SIP extensions for Integrity protection | | | 17/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | Per 26/2-02: CN1 is not aware of any requirements and is not doing anything on this task. | |
| BB | 3326 | S3 | Rel-5 | N | Security Aspects of Requirement for Network Configuration Independence | SEC1-NCI | TSG | 02/07/2001 08:00 | 28/12/2001 17:00 | 100% | No | No | | Incorporated into IMS access security TS (33.203) which will be presented for info at SA#14 and is scheduled for approval at SA#15. Editors notes removed SA#16&17 | Hugh Shieh, AT&T Wireless Services hugh.shieh@attws.com |
| BB | 3327 | S3 | Rel-5 | Y | Lawful interception | IMS-LI | TSG | 04/09/2000 08:00 | 29/03/2002 17:00 | 100% | No | Yes | | Rel-5 33.106 and 33.107 approved at SA#12. Revised WID including new Rel-5 specification (33.108) scheduled for approval at SA#14. 33.108 approved SA#16. CR at SA#17 | Berthold Wilhelm, Reg TP berthold.wilhelm@regtp.de |
| BB | 3328 | S5 | Rel-5 | N | Charging and OAM&P for IMS | IMS-OAM | TSG | 25/12/2000 08:00 | 12/06/2002 17:00 | 100% | No | No | 32-series | | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| BB | 3332 | S4 | Rel-5 | N | Multimedia codecs and protocols for conversational PS services | IMS-CODEC | TSG | 26/07/2000 08:00 | 27/09/2002 17:00 | 100% | No | No | 26.235, 26.236 | | B. Aronson, Toshiba, and P. Ojala, Nokia pasi.s.ojala@nokia.com |
| WT | 3333 | S4 | | N | Codecs | | TSG | 26/07/2000 08:00 | 14/03/2002 17:00 | 100% | Yes | Yes | 26.235, 26.236 | | |
| WT | 3334 | S4 | Rel-5 | N | Transport protocols | IMS-CODEC | | 12/03/2002 08:00 | 12/03/2002 17:00 | 100% | No | No | 26.236 | | P. Ojala, Nokia |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|---|---------|------------|------------------|------------------|--------|---------|----------|----------------|--|------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3336 | S4 | | N | recommendation for QoS parameter values for various media types | | TSG | 31/12/2001 08:00 | 27/09/2002 17:00 | 100% | No | Yes | | | |
| WT | 3337 | N1 | | N | IETF: RFC 3310 (HTTP Digest Authentication using AKA) | | | 24/11/2000 08:00 | 13/05/2002 17:00 | 100% | No | No | | | |
| WT | 3338 | N1 | | N | IETF: RFC 3329 (Security mechanism agreement for SIP connections) | | | 24/11/2000 08:00 | 13/05/2002 17:00 | 100% | No | No | | | |
| BB | 3339 | S2 | Rel-5 | N | SIP message compression | | | 24/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3340 | S2 | | N | Stage 2 | | | 24/09/2001 08:00 | 26/10/2001 17:00 | 100% | No | No | | | |
| WT | 3341 | N1 | | N | Compression signalling | | | 28/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| BB | 3342 | NP | Rel-5 | N | Stage 3 description of IMS interfaces | | | 14/03/2001 08:00 | 30/08/2002 17:00 | 99% | No | No | | | |
| WT | 3343 | N4 | | N | Cx interface (HSS to CSCF) | | TSG | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | DAB 12/12/01 to 75%... | |
| WT | 3344 | N4 | | Y | Mp interface (MRFC - MRFP) enhancements | | | 14/03/2001 08:00 | 08/03/2002 17:00 | 100% | No | No | | [DAB 08-03-02] - No work required in CN4 | |
| WT | 3345 | N1 | | N | Mw interface (CSCF to P-CSCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3346 | N1 | | N | Mr interface (CSCF to MRF) | | | 14/03/2001 08:00 | 29/03/2002 17:00 | 100% | No | No | | | |
| WT | 3347 | N4 | | Y | Dx interface (I-CSCF to SLF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | CN4#11 30/11/01: No inputs received in CN4... | |
| WT | 3348 | N3 | | N | Go interface (GGSN to PCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | [DAB - 23/05/03] - 100 % complete | |
| WT | 3349 | N1 | | N | ISC (IMS Service Control) Interface | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3350 | N4 | | Y | Sh interface (HSS to AS) | | | 14/02/2002 08:00 | 07/06/2002 17:00 | 100% | No | No | | CN4#11 30/11/01: No inputs received in CN4... | |
| WT | 3351 | N4 | | Y | Si interface (HSS to IM-SSF) | | | 16/01/2002 13:00 | 30/08/2002 17:00 | 72% | No | No | | SA16: Part of Rel5 only if completed in September 02 | |
| WT | 3352 | N1 | | N | Gm interface (UE to CSCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3353 | N1 | | N | Mi interface (CSCF to BGCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3354 | N1 | | N | Mj interface (BGCF to MGCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| WT | 3355 | N1 | | N | Mk interface (BGCF to BGCF) | | | 14/03/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|------|-------|-------|---|-----------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3356 | N5 | Rel-5 | Y | Support of VHE/OSA by entities and protocols of the IMS (e.g. CSCF) | IMS-ONOSA | TSG | 21/09/2001 08:00 | 07/06/2002 17:00 | 100 % | Yes | Yes | 29.198, 29.998 | | Ard-Jan MOERDIJK (Ericsson) Ard.Jan.Moerdijk@e In.ericsson.se |
| BB | 3357 | N2 | Rel-5 | Y | CAMEL control of IMS services | IMS-CAMEL | | 16/04/2001 08:00 | 06/09/2002 17:00 | 91% | Yes | Yes | | SA16: Part of Rel5 only if Si completed in September 02 | Angelica Remoquillo, Lucent |
| WT | 3358 | N2 | | Y | Stage2 work 'general' | | | 16/04/2001 08:00 | 06/09/2002 17:00 | 100% | No | No | | DAB 12.12.01 split into cn4 and cn2 parts | |
| WT | 3359 | N2 | | Y | Stage3 work 'CAP' | | | 07/01/2002 08:00 | 06/09/2002 17:00 | 100% | No | No | | DAB 12.12.01 split into cn4 and cn2 parts | |
| WT | 3360 | N2 | | Y | Stage2 work 'Si interface' | | | 07/01/2002 08:00 | 06/09/2002 17:00 | 100% | No | No | | DAB 12.12.01 split into cn4 and cn2 parts | |
| WT | 3361 | N4 | | Y | Stage3 work 'Si interface' | | | 14/02/2002 08:00 | 07/06/2002 17:00 | 100% | No | No | | [DAB 08-03-02] - UID 12004 is MASTER of UID 14998... | |
| WT | 3362 | N4 | | Y | SDM issues for CAMEL control of IMS | | | 14/02/2002 08:00 | 07/06/2002 17:00 | 0% | No | No | | [DAB 08-03-02] - No activity on this in CN4 | |
| BB | 3363 | S1 | TBD | N | Pre-pay/real-time charging in IMS | | | 15/06/2001 08:00 | 15/03/2002 17:00 | 60% | No | No | | | |
| BB | 3364 | S5 | Rel-5 | N | Charging | OAM-CH | TSG | 06/08/2001 08:00 | 12/09/2002 17:00 | 100 % | No | No | 32.2xy | Changed Rapp email | Karl-Heinz NENNER (T-Mobile) karl-heinz.nenner@t-mobile.de |
| WT | 3365 | S2 | | N | Charging Implications of IMS architecture | | | 06/08/2001 08:00 | 16/11/2001 17:00 | 100% | No | No | | | |
| WT | 3366 | S5 | Rel-5 | N | Charging management for IMS (off-line & on-line) | OAM-CH | TSG | 19/11/2001 08:00 | 12/09/2002 17:00 | 100% | No | No | | | |
| BB | 3367 | NP | Rel-5 | N | Other IETF dependencies | | | 24/11/2000 08:00 | 07/06/2002 17:00 | 70% | No | No | | Was introduced at SA#13 by Ileana Leuca (exact position in the WP and related WG have to be defined) | |
| WT | 3368 | NP | | N | IETF: draft-ietf-aaa-diameter - should be CN4 | | | 24/11/2000 08:00 | 07/06/2002 17:00 | 90% | No | No | | | |
| WT | 3369 | NP | | N | IETF: draft-johansson-aaa-diameter-mm-app - should be CN4 | | | 24/11/2000 08:00 | 07/06/2002 17:00 | 50% | No | No | | | |
| BB | 3370 | MLST | Rel-5 | N | Start Testing | | | 18/03/2002 00:00 | 18/03/2002 00:00 | 0% | No | No | | | |
| BB | 3371 | T1 | | N | Conformance Test Aspects - Provisioning of IMS | IMS-TEST | | 18/03/2002 08:00 | 27/12/2002 17:00 | 0% | No | No | | The task is a building block, individual work items are being considered but are constrained by lack of supporting companies | |
| BB | 3516 | T1 | Rel-5 | N | Testing of support for IMS - prose | | TSG | 18/09/2002 08:00 | 30/09/2003 17:00 | 0% | No | No | 34.108, 34.123 | | Dan Fox, Anritsu dan.fox@eu.anritsu.com |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|-----------|------------|------------------|------------------|--------|---------|----------|------------------------------------|-------------------------------------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3517 | T1 | Rel-5 | N | Testing of support for IMS - TTCN | | TSG | 18/09/2002 08:00 | 03/03/2004 17:00 | 0% | No | No | 34.108, 34.123 | | Dan Fox, Anritsu dan.fox@eu.anritsu.com |
| F | 2580 | S4 | Rel-5 | N | Extended Transparent End-to-End PS Streaming Service | PSS-E | TSG | 03/01/2002 08:00 | 17/03/2003 17:00 | 75% | No | No | 26.233, 26.234 | | O. Franceschi, Ericsson olle.franceschi@nrj.ericsson.se |
| BB | 2581 | S1 | | N | Stage 1 | | TSG | 18/11/2002 08:00 | 17/03/2003 17:00 | 74% | No | No | 22.233 | 2nd resp SA4 | Stephen Wolak, VODAFONE Group Plc stephen.wolak@vodafone.com |
| WT | 3564 | S1 | | N | Interaction with other services | | TSG | 18/11/2002 08:00 | 17/03/2003 17:00 | 65% | No | No | 22.233 | 2nd resp SA4 | Stephen Wolak, VODAFONE Group Plc stephen.wolak@vodafone.com |
| BB | 2582 | S4 | | N | Stage 2 (version Rel5 of TS 26.234) | | TSG | 03/01/2002 08:00 | 14/03/2002 17:00 | 100% | No | No | 26.234 | 2nd resp SA2 | |
| BB | 3120 | S4 | | N | RTP usage model | | | 03/01/2002 08:00 | 06/12/2002 17:00 | 90% | No | No | 26.937 | | |
| F | 3372 | S1 | NA | Y | Rel-5 OSA enhancements | OSA1 | TSG | 11/07/2000 08:00 | 20/12/2002 17:00 | 92% | No | No | 22.127, 23.127, 29.198-x, 29.998-x | | Jörg Swetina, SIEMENS AG |
| BB | 3373 | S2 | | N | General Stage 2 for Rel5 | | | 11/09/2001 08:00 | 07/06/2002 17:00 | 33% | No | No | | | |
| BB | 3374 | S2 | Rel-5 | N | OSA APIs for Multimedia Call Control | OSA1-CSCF | TSG | 11/07/2000 08:00 | 07/06/2002 17:00 | 100% | No | No | | For Rel5 even if completed by March | |
| WT | 3375 | S1 | | N | Stage 1 | | TSG | 11/07/2000 08:00 | 14/03/2002 17:00 | 100% | No | No | 22.127 | | Manfred Leitgeb, SIEMENS AG Manfred.leitgeb@siemens.at |
| WT | 3376 | N5 | | N | (Multimedia) Call Control - Stages 2 and 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 29.198-04 | | |
| BB | 3381 | N5 | Rel-5 | N | Generic user interaction - Stage 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 29.198-05 | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|-----------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3382 | N5 | Rel-5 | N | Charging - Stage 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.198-12 | | |
| BB | 3385 | N5 | Rel-5 | N | Call Control Service Mapping; Multiparty Call Control SIP - Stage 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.998-04-4 | | |
| BB | 3386 | N5 | Rel-5 | N | WSDL APIs for SOAP/HTTP - Stage 3 | | TSG | 11/09/2000 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.198, 29.998 | | |
| BB | 3391 | S3 | Rel-5 | N | OSA security | OSA1-SEC | TSG | 11/07/2000 08:00 | 20/12/2002 17:00 | 93% | Yes | Yes | | CR to correct security specifications in 29.198 scheduled for approval at CN#15 | Colin Blanchard, BT colin.blanchard@bt.com |
| WT | 3392 | S1 | | N | Stage 1 | | TSG | 11/07/2000 08:00 | 09/11/2001 17:00 | 100% | No | No | 22.127 | | Manfred Leitgeb, SIEMENS AG Manfred.leitgeb@siemens.at |
| WT | 3393 | S3 | | N | Stage 3 | | TSG | 23/10/2000 08:00 | 14/06/2002 17:00 | 80% | No | No | ??? | ?? | |
| WT | 3394 | N5 | | N | security related SCF(s) definition | | TSG | 21/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 29.198, 29.998 | | Ard-Jan MOERDIJK (Ericsson) Ard.Jan.Moerdijk@ln.ericsson.se |
| WT | 3395 | S3 | | N | (possibly) changes required from supporting platforms, e.g. gsmSCF, HLR | | TSG | 11/09/2000 08:00 | 14/12/2000 17:00 | 100% | No | No | ??? | | |
| WT | 3654 | S3 | | N | Security (moved from Rel-6) | | TSG | 14/03/2002 08:00 | 20/12/2002 17:00 | 100% | No | No | | Contribution at S3#25 | |
| BB | 3397 | S2 | Rel-5 | N | Interactions OSA - e-commerce | OSA1-ECOM | TSG | 11/07/2000 08:00 | 07/06/2002 17:00 | 97% | No | No | | | |
| WT | 3398 | S1 | | N | Stage 1 | | TSG | 11/07/2000 08:00 | 14/03/2002 17:00 | 95% | No | No | 22.127 | | Jörg Swetina, SIEMENS AG |
| WT | 3399 | N5 | | N | Stages 2 and 3 | | TSG | 21/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 29.198, 29.998 | | Ard-Jan MOERDIJK (Ericsson) Ard.Jan.Moerdijk@ln.ericsson.se |
| BB | 2840 | N5 | Rel-5 | N | Policy Management - Stage 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.198-13 | | |
| BB | 2841 | N5 | Rel-5 | N | Presence and Availability Management (PAM) - Stage 3 | | TSG | 11/09/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.198-14 | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|------------|------------|------------------|------------------|--------|---------|----------|----------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3400 | S1 | Rel-5 | N | CHECK STATUS - LCS - OSA interfaces | OSA1-LCSI | TSG | 11/09/2000 08:00 | 07/06/2002 17:00 | 46% | No | No | | az: CN#13 - changed to Rel5 | Jörg Swetina, SIEMENS AG |
| WT | 3401 | S1 | | N | Stage 1 | | TSG | 11/09/2000 08:00 | 08/12/2000 17:00 | 100% | No | No | 22.127 | | Jörg Swetina, SIEMENS AG |
| WT | 3402 | S2 | | N | Stage 2 | | TSG | 11/12/2000 08:00 | 11/12/2000 17:00 | 100% | No | No | 23.127 | az 24/05/01: Rel4 completion 90->100%. | Christophe GOURRAUD, Ericsson Canada |
| WT | 3403 | N5 | | N | Stage 3 | | TSG | 21/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 29.198, 29.998 | | Ard-Jan MOERDIJK (Ericsson) Ard.Jan.Moerdijk@eIn.ericsson.se |
| BB | 3648 | S1 | | N | Access to User Profile | OSA2-UP | TSG | 01/06/2001 08:00 | 20/12/2001 17:00 | 100% | No | No | | | |
| BB | 3650 | S2 | | N | Retrieval of Terminal capabilities | OSA2-TC | TSG | 11/07/2000 08:00 | 13/12/2002 17:00 | 100% | No | No | | | |
| WT | 3651 | S1 | | N | Stage 1 | | TSG | 11/07/2000 08:00 | 10/01/2001 17:00 | 100% | No | No | 22.127 | | Jörg Swetina, SIEMENS AG |
| WT | 3652 | N5 | | N | Stages 2 and 3 | | TSG | 21/09/2001 08:00 | 13/12/2002 17:00 | 100% | No | No | 29.198, 29.998 | | Ard-Jan MOERDIJK (Ericsson) Ard.Jan.Moerdijk@eIn.ericsson.se |
| WT | 3653 | T2 | | N | Provisioning of the terminal capabilities | | TSG | 02/04/2001 08:00 | 13/12/2002 17:00 | 100% | No | No | 23.057 | According to T2 SWG1 M. Cataldo this is automatically supported by the MExE support of UAProf therefore 100% complete | |
| F | 1638 | S1 | Rel-5 | N | CAMEL phase 4 | CAMEL 4 | WG | 17/04/2000 08:00 | 06/09/2002 17:00 | 88% | No | No | | | Keijo Palviainen, Nokia keijo.palviainen@nokia.com |
| BB | 1461 | S1 | | N | Service requirements | | WG | 17/04/2000 08:00 | 14/06/2002 17:00 | 100% | No | No | | | |
| BB | 2012 | N2 | | N | Call Party Handling | CAMEL4-CPH | WG | 10/07/2000 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| BB | 2013 | N2 | | N | Mid call procedure for MO and MT calls | CAMEL4-MCP | WG | 17/07/2000 08:00 | 07/06/2002 17:00 | 100% | No | No | | | |
| BB | 2014 | N2 | | N | Interactions with Optimal Routing | CAMEL4-IOR | WG | 17/07/2000 08:00 | 08/03/2002 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|--------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2015 | N2 | | N | Inclusion of flexible tone injection | CAMEL4-IFTI | WG | 17/07/2000 08:00 | 08/03/2002 17:00 | 100 % | No | No | | | |
| BB | 2016 | N2 | | N | CSE control over MT SMS | CAMEL4-CCSMS | WG | 17/07/2000 08:00 | 08/03/2002 17:00 | 100 % | No | No | | | |
| BB | 2460 | N2 | | N | Notification of GPRS mobility management to CSE | CAMEL4-NMM | WG | 02/03/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2458 | N2 | | N | Provision of location information of called subscriber | CAMEL4-LOCB | WG | 02/03/2001 08:00 | 08/03/2002 17:00 | 100 % | No | No | | | |
| BB | 2514 | N2 | | N | Inclusion of ODB data in the CSE_HLR interface | CAMEL4-ODB | WG | 09/07/2001 08:00 | 08/03/2002 17:00 | 100 % | No | No | | Added on May 29, 2001 | |
| BB | 2515 | N2 | | N | Location information during an ongoing call (Handover DP) | CAMEL4-HODP | WG | 14/05/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2516 | N2 | | N | GPRS Any Time Interrogation | CAMEL4-ATI | WG | 09/07/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | | | |
| BB | 3113 | N2 | | N | Transfer of IMEI (with SW version) to CSE | CAMEL4-ATI | WG | 09/07/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | | | |
| BB | 3192 | N2 | | N | Handling of partial implementations of CAMEL4 | CAMEL4-SUB | WG | 08/03/2002 08:00 | 06/09/2002 17:00 | 100 % | No | No | | stage2 and stage3 CRs for approval at CN#17 | |
| F | 2464 | T2 | Rel-5 | N | Rel-5 MExE enhancements | MEXE5 | TSG | 26/03/2001 08:00 | 08/03/2002 17:00 | 100 % | Yes | Yes | | | |
| BB | 2466 | T2 | | N | MExE Rel-5 Improvements and Investigations | MEXE5-ENHANC | TSG | 26/03/2001 08:00 | 08/03/2002 17:00 | 100 % | No | Yes | 22.057, 23.057 | | Mark CATALDO, Motorola mcatald1@MOTOROLA.COM |
| F | 1625 | S4 | Rel-5 | N | Wideband Telephony Service - AMR | AMRW B | TSG | 01/01/2000 08:00 | 19/12/2003 17:00 | 79% | No | No | | | Imre Varga, Siemens AG Imre.Varga@mch.siemens.de |
| BB | 62 | S4 | | N | Specification | | | 01/01/2000 08:00 | 12/09/2002 17:00 | 99% | No | No | | | |
| WT | 2686 | S1 | | N | Stage 1 | | | 01/10/2001 08:00 | 22/03/2002 17:00 | 100% | No | No | | | |
| WT | 2685 | S4 | | N | Stage 2 | | | 03/01/2000 08:00 | 17/04/2000 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|------|-------|-------|--|-----------|------------|----------------------|----------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 1459 | S4 | | N | Design Constraints | | | 03/01/20 00 08:00 | 07/02/20 00 17:00 | 100% | No | No | | | |
| WT | 1460 | S4 | | N | General Description | | | 07/02/20 00 08:00 | 17/04/20 00 17:00 | 100% | No | No | | | |
| WT | 1626 | S4 | | N | Feasibility Study | | TSG | 28/04/20 00 08:00 | 02/06/20 00 17:00 | 100% | No | Yes | TR 26.901 | S4,TD SP-000024: TR 26.901 v.4.0.0 | |
| WT | 1656 | N1 | | N | N1 Aspects | | TSG | 21/09/20 01 08:00 | 21/12/20 01 17:00 | 100% | No | No | | Some of N1 tasks: Indication of supported codecs by the MS, Bearer cap negotiation, codec indication to MS..... | |
| WT | 2759 | N4 | | N | N4 work | | TSG | 13/02/20 02 08:00 | 07/06/20 02 17:00 | 100% | No | No | | CN4#11 30/11/01: No inputs to CN4 at this meeting... | |
| WT | 67 | S4 | | N | Codec issues | | | 03/01/20 00 08:00 | 12/09/20 02 17:00 | 99% | No | No | | | |
| WT | 1627 | S4 | | N | Codec qualification | | TSG | 01/02/20 00 08:00 | 30/05/20 00 17:00 | 100% | No | Yes | | | |
| WT | 74 | S4 | | N | Codec selection tests | | | 01/06/20 00 08:00 | 20/10/20 00 17:00 | 100% | No | No | | | |
| WT | 891 | S4 | | N | Codec selection | | | 23/10/20 00 08:00 | 27/10/20 00 17:00 | 100% | No | No | | | |
| WT | 2739 | S4 | | Y | TFO AMR-WB | AMRWB-TFO | | 18/12/20 01 08:00 | 14/03/20 02 17:00 | 100% | No | No | | | |
| WT | 890 | S4 | | N | Other codec issues (verif., characterisation) | | | 29/09/20 00 08:00 | 07/06/20 02 17:00 | 100% | No | No | TR 26.976 | ANSI C-Code , Test Sequences, Speech Transcoding Functions, Error Concealment of lost frames, Source Controlled Bit-Rate Operation, Voice Activity Detector, Frame Structure | |
| WT | 2740 | S4 | | N | AMR-WB and narrowband interworking | AMRWB-IWG | | 27/09/20 01 08:00 | 14/03/20 02 17:00 | 100% | No | No | | | |
| WT | 2741 | S4 | | N | Interworking with fixed broadband networks | | | 27/09/20 01 08:00 | 14/03/20 02 17:00 | 100% | No | No | | | |
| WT | 2742 | S4 | | N | Tones and announcements | | | 27/09/20 01 08:00 | 14/03/20 02 17:00 | 100% | No | No | | | |
| WT | 2743 | S1 | | N | WB Conferencing and WB Voice Group calls (deleted) | | | 03/01/20 00 08:00 | 03/01/20 00 17:00 | 0% | No | No | | | |
| WT | 2744 | S5 | Rel-5 | N | Billing, accounting and call detail record aspects | | | 27/09/20 01 08:00 | 12/09/20 02 17:00 | 100% | No | No | 32.2xy | | Karl-Heinz NENNER (T-Mobile) Karl-Heinz.Nenner@T-MOBILE.DE |
| WT | 1989 | MLST | | N | Start Testing | | | 25/02/20 02 00:00 | 25/02/20 02 00:00 | 0% | No | No | | | |
| WT | 1855 | T1 | | N | Conformance tests (CRs to 34 series) | | | 01/01/20 00 08:00 | 12/04/20 00 17:00 | 100% | No | No | | | |
| WT | 76 | S4 | | N | Terminal Acoustic Characteristics | | | 01/01/20 00 08:00 | 12/04/20 00 17:00 | 100% | No | No | | | |
| WT | 1628 | S4 | | N | Definition | | TSG | 01/01/20 00 08:00 | 31/01/20 00 17:00 | 100% | No | Yes | 26.131 | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|------------|------------|------------------|------------------|--------|---------|----------|----------------|-------------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 1629 | S4 | | N | Test specification | | TSG | 01/02/2000 08:00 | 12/04/2000 17:00 | 100% | No | Yes | 26.132 | | |
| BB | 2725 | S4 | | N | Floating-point ANSI-C code for the AMR-WB speech codec | AMRWB-FP | TSG | 25/09/2001 08:00 | 14/03/2002 17:00 | 100% | No | No | TS 26.204 | | J. Vainio (Nokia) janne.m.vainio@nokia.com |
| BB | 80 | GP | | N | Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR | GAMRWB | TSG | 03/01/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3191 | GP | | N | Channel coding in 45.003 | | TSG | 03/01/2000 08:00 | 05/04/2002 17:00 | 100% | No | No | | | |
| WT | 2266 | GP | | N | Signalling for the A interface | | TSG | 03/01/2000 08:00 | 29/06/2001 17:00 | 100% | No | No | | | |
| WT | 2267 | GP | | N | Signalling for lu | | TSG | 03/01/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2268 | GP | | N | Receiver performance in TS 45.005 | | TSG | 02/04/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2749 | GP | | N | Link Adaptation in 45.009 | | | 26/03/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 2269 | GP | | N | GERAN MS conformance test for AMR-WB | | TSG | 03/01/2000 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| WT | 2270 | GP | | N | MS test | | TSG | 03/01/2000 08:00 | 19/12/2003 17:00 | 0% | No | No | | | |
| BB | 2271 | GP | | N | GERAN BTS conformance test for AMR-WB | | TSG | 03/01/2000 08:00 | 02/12/2002 17:00 | 100% | No | No | | | |
| WT | 2272 | GP | | N | BTS test | | TSG | 03/01/2000 08:00 | 02/12/2002 17:00 | 100% | No | No | | | |
| F | 1826 | T2 | NA | Y | Terminal interfaces | TI | | 14/05/2001 08:00 | 20/03/2002 17:00 | 100% | No | No | | | |
| BB | 2573 | T2 | Rel-5 | N | Terminal local model enhancements | TLM5 | TSG | 14/05/2001 08:00 | 20/03/2002 17:00 | 100% | No | Yes | 23.227 | | |
| F | 1536 | S2 | Rel-5 | N | Rel-5 Location Services enhancements | LCS1 | TSG | 03/04/2000 08:00 | 27/06/2003 17:00 | 84% | No | No | | | Jan Kall, Nokia |
| BB | 1600 | RP | NA | N | UE positioning | LCS1-UEpos | TSG | 15/01/2001 08:00 | 29/03/2002 17:00 | 97% | Yes | Yes | | | |
| WT | 2474 | R2 | Rel-5 | N | UE positioning enhancements for 1.28 Mcps TDD | LCS-128Pos | TSG | 09/04/2001 08:00 | 29/03/2002 17:00 | 100% | No | No | | | Xiaohua Mei, CATT |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------------|-------------------|--------------|----------|--|------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2125 | R2 | Rel-5 | N | Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning | LCS-INTF | TSG | 15/01/2001 08:00 | 12/10/2001 17:00 | 100% | No | No | | Finished at RAN#13 | Kirk Burroughs, Qualcomm |
| BB | 1171 | S1 | Rel-5 | N | Event based and Periodic LCS | LCS1-EBP | | 22/05/2000 00:00 | 07/06/2002 17:00 | 88% | No | No | | | |
| WT | 1641 | S1 | | N | Stage 1 | | | 22/05/2000 00:00 | 17/11/2000 17:00 | 100% | No | No | 22.071 | Evaluate Event based and Periodic LCS to be included in R00, corresponding Stage 1 description | Randolph Wohler, Pacific Bell Wireless rwohler@tri.sbc.com |
| WT | 1538 | S2 | | N | Stage 2 specification | | | 06/11/2000 08:00 | 26/01/2001 17:00 | 51% | No | No | | | |
| WT | 1179 | N4 | | N | Impact on MAP | | | 15/03/2002 08:00 | 07/06/2002 17:00 | 100% | No | No | | Possible impact on UTRAN of LCS quality level request... | |
| BB | 2436 | GP | Rel-5 | N | Location Services for GERAN in A/Gb Mode | LCS-GERAN | TSG | 03/04/2000 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 2437 | GP;S2;G1;G2 | | N | GERAN LCS Stage 2 (first release) | | TSG | 03/04/2000 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 2438 | GP | | N | Gb interface support for LCS | | TSG | 03/04/2000 08:00 | 31/08/2001 17:00 | 100% | No | No | | | |
| WT | 2440 | GP | | N | L3 protocol support for LCS | | TSG | 03/04/2000 08:00 | 01/06/2001 17:00 | 100% | No | No | | | |
| WT | 2441 | GP | | N | Stage 3 specifications | | TSG | 03/04/2000 08:00 | 01/06/2001 17:00 | 100% | No | No | | | |
| BB | 2442 | GP | Rel-5 | N | Location Services for GERAN in lu Mode | | TSG | 03/04/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2443 | GP;R2;R3;S2;G1;G2 | | N | GERAN LCS Stage 2 | | TSG | 03/04/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2444 | GP;R2;R3;S2;G1;G2 | | N | lu-ps interface support for LCS | | TSG | 03/04/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2445 | GP;R2;R3;S2;G1;G2 | | N | lu-cs interface support for LCS | | TSG | 03/04/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2446 | GP;R2;R3;S2;G1;G2 | | N | lur-g interface support for LCS | | TSG | 23/01/2002 13:00 | 19/04/2002 17:00 | 100% | No | No | | FFS | |
| WT | 2447 | GP;R2;R3;S2;G1;G2 | | N | RRC protocol support for LCS | | TSG | 20/08/2001 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| WT | 2448 | GP;R2;R3;S2;G1;G2 | | N | Additional impacts on Broadcast of LCS data on packet channels | | TSG | 20/08/2001 08:00 | 05/12/2001 12:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----------------------------------|-------|-------|--|-------------------|------------|----------------------|----------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2449 | GP;R2; R3;S2; G1;G2 | | N | Stage 3 specifications | | TSG | 25/03/20 02 13:00 | 28/06/20 02 17:00 | 100% | No | No | | | |
| BB | 3131 | GP | | N | GERAN MS Conformance test for LCS | LCS-GERAN-MSconf | | 03/06/2002 08:00 | 27/06/2003 17:00 | 60% | No | No | | On-going | |
| WT | 3132 | G4;G5 | | N | Develop LCS MS test case work plan (Release 98/99/4) | | | 03/06/2002 08:00 | 27/06/2003 17:00 | 60% | No | No | | | |
| WT | 3133 | G4;G5 | | N | Develop LCS MS test cases | | | 03/06/2002 08:00 | 27/06/2003 17:00 | 60% | No | No | | | |
| BB | 3134 | GP | | N | GERAN BTS Conformance test for LCS | LCS-GERAN-BTSconf | | 03/06/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | Not started | |
| WT | 3135 | G4;G5 | | N | Develop LCS BTS test case work plan (Release 98/99/4) | | | 03/06/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| WT | 3136 | G4;G5 | | N | Develop LCS BTS test cases | | | 03/06/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| BB | 544 | S2 | | N | LCS interoperation stage 2 aspects | | | 28/08/2000 08:00 | 28/06/2002 17:00 | 17% | No | No | | | |
| BB | 2434 | GP | Rel-5 | N | LCS interoperability aspects to GERAN | LCS-GERAN | TSG | 28/08/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2435 | GP;S2; S5;R2; R3;G2; G1 | | N | Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GERAN | LCS-GERAN | TSG | 28/08/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 1183 | S1 | | N | FS on LCS support in the IMS | | | 12/02/2001 08:00 | 18/01/2002 17:00 | 75% | No | No | | | |
| BB | 519 | S5 | Rel-5 | N | Charging and OAM&P for LCS enhancements | LCS1-OAM | TSG | 21/09/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | 32-series | | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| BB | 521 | S3 | Rel-5 | N | New security aspects of LCS (not identified) | LCS1-SEC | | 14/04/2000 08:00 | 28/12/2001 17:00 | 100% | No | No | | 14/09/00: End date 28/12/01 WI may need to be split to improve on this date. S3#17 15% complete. No progress since S3#17 | Valtteri Niemi, Nokia valtteri.niemi@nokia.com |
| BB | 2809 | S2 | Rel-5 | N | Specification for the Le Interface | LCS1-Le | TSG | 14/01/2002 08:00 | 15/03/2002 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|-------------|------------|------------------|------------------|--------|---------|----------|-------------------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3193 | S2 | | N | CHECK STATUS - Inter-GMLC interface | | | 30/05/2002 08:00 | 30/12/2002 17:00 | 0% | No | No | | | |
| F | 3415 | S3 | NA | N | Rel-5 Security enhancements | SEC1 | TSG | 21/02/2000 08:00 | 28/06/2002 17:00 | 95% | No | No | | Added BB UE authentication and rapporteur added. TO BE DELETED | Peter Howard, Vodafone Peter.Howard@vodafone.com |
| BB | 3420 | S3 | Rel-5 | N | Network domain security | SEC1-NDS | TSG | 21/02/2000 08:00 | 28/06/2002 17:00 | 94% | Yes | Yes | | S3#17: All due in Rel5. (WI Update at S3#18). Replaced by NDS-IP and NDS-MAP. TO BE DELETED OR MOVED TO HISTORY FILE | Geir M. Køien, Telenor Geir-myrdahl.koien@telenor.com |
| WT | 3421 | S3 | | N | Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provided by IPsec) | | | 12/05/2000 08:00 | 07/06/2002 17:00 | 80% | No | No | | | |
| WT | 3422 | S3 | | N | Main aspects | | | 12/05/2000 08:00 | 21/06/2001 17:00 | 100% | No | No | | TO BE DELETED | |
| WT | 3423 | N4 | | N | Integration of GTP signalling security architecture | | | 14/09/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | | Waiting for input from SA3!... | |
| WT | 3424 | S3 | | N | User plane protection in core network (e.g., provided by IPsec) | | | 21/02/2000 08:00 | 28/06/2002 17:00 | 98% | No | No | | TO BE DELETED | |
| WT | 3425 | S3 | | N | Main aspects | | | 21/02/2000 08:00 | 21/06/2001 17:00 | 100% | No | No | | ?? | |
| WT | 3426 | N4 | | N | Integration of GTP signalling security architecture | | | 14/09/2001 08:00 | 28/06/2002 17:00 | 95% | No | No | | 14/02/2002 requirements are not clear/not received... | |
| WT | 3427 | S3 | | N | IP network layer security (NDS/IP) | SEC1-NDS-IP | WG | 15/06/2000 08:00 | 15/03/2002 17:00 | 100% | No | No | TS 33.210 | TS 33.210 will be presented for info at SA#14 and is scheduled for approval at SA#15. 2002/12: All IPsec RFCs are stable STD Track RFCs. WID updated SA#17 | Geir M. Køien, Telenor Geir-myrdahl.koien@telenor.com |
| F | 2243 | S2 | Rel-5 | N | Intra Domain Connection of RAN Nodes to Multiple CN Nodes | IUFLEX | TSG | 02/10/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | 23.236 | No clear indication on the end date. Put to Rel5 by AS. | Stephen Terrill, Ericsson |
| BB | 2244 | S2 | | N | Overall System Architecture | | TSG | 03/01/2001 08:00 | 21/09/2001 17:00 | 100% | No | No | | | |
| BB | 2628 | R3 | | N | Stage 3: RAN node selecting CN node | | TSG | 24/09/2001 08:00 | 22/03/2002 17:00 | 100% | No | No | | Not identified | Brendan McWilliams, Vodafone |
| BB | 2756 | N1 | | N | N1 work | | TSG | 17/09/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | 24.008 and check 29.018 | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|--------------|------------|------------------|------------------|--------|---------|----------|----------------|---------------------------------------|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2757 | N4 | | N | N4 work | | TSG | 02/10/2000 08:00 | 08/03/2002 17:00 | 100 % | No | No | | DAB 12.12.01 - % complete to 66%... | |
| BB | 3185 | GP | Rel-5 | N | GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes | IDCRAN-GERAN | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100 % | No | No | | Accept changes Gb over IP | Ingemar Backlund, Ericsson ingemar.backlund@era.ericsson.se |
| WT | 3186 | G1 | | N | Stage 2 (changes to) | | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3187 | G1 | | N | 43.051 Introduction of support for IDNNS in GERAN Iu mode | | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3188 | G2 | | N | Stage 3 (changes to) | | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3189 | G2 | | N | 48.016 Use of Gb interface concepts when a network applies IDNNS | | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | Closed, accept changes for Gb over IP | |
| WT | 3190 | G2 | | N | 48.018 Include MSC/VLR identity in CS IMSI paging | | | 08/02/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| F | 2320 | GP | Rel-5 | N | GERAN improvements 3 (new transport layer on interface A) | GEIMP3 | TSG | 06/04/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| BB | 2321 | GP | | N | Evolution of the transport for A | GEIMP3-EtA | TSG | 06/04/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| WT | 2322 | GP | | N | Definition of a new A/Ater interface Transport Layer option based on the Iu Interface Transport Layer | | TSG | 06/04/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| WT | 2323 | GP | | N | Adaptation of the Layer 3 BSSMAP procedures as required | | TSG | 06/04/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| F | 3444 | S5 | NA | N | Rel-5 Charging and OAM&P | OAM | TSG | 10/09/2001 08:00 | 12/09/2002 17:00 | 100 % | No | No | 32-series | | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| BB | 3445 | S5 | Rel-5 | N | Rel5 Principles, high level Requirements and Architecture | OAM-AR/PR | TSG | 17/09/2001 08:00 | 28/06/2002 17:00 | 100 % | Yes | Yes | 32.101, 32.102 | | Michael TRUSS (Motorola) Michael.Truss@MOTOROLA.COM |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|--|----------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3446 | S5 | Rel-5 | N | Rel5 Performance Management | OAM-PM | TSG | 17/09/2001 08:00 | 12/09/2002 17:00 | 100 % | No | No | 32.4xy, 52.402 | | Christian TOCHE (Nortel Networks) toche@NORTELNETWORKS.COM |
| BB | 3447 | S5 | Rel-5 | N | Rel5 Charging Management | OAM-CH | TSG | 10/09/2001 08:00 | 12/09/2002 17:00 | 100 % | No | No | 32.2xy | | Karl-Heinz NENNER (T-Mobile) Karl-Heinz.Nenner@T-MOBILE.DE |
| BB | 3448 | S5 | Rel-5 | N | Rel5 Network Infrastructure Management | OAM-NIM | TSG | 21/09/2001 08:00 | 12/09/2002 17:00 | 100 % | No | No | 32.6xy, 32.3xy | | Thomas TOVINGER (Ericsson) Thomas.Tovinger@emw.ericsson.se |
| F | 2392 | GP | Rel-5 | N | GERAN enhancements for streaming services 1 (RLC enhancements) | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2394 | GP | | N | Concept | | | 06/11/2000 08:00 | 31/10/2001 17:00 | 100 % | No | No | | | |
| BB | 2395 | GP | | N | RLC protocol enhancement (SDU Discard) | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| F | 2396 | GP | Rel-5 | N | GERAN enhancements for streaming services 2 (usage of ECSD) | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 83% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Motorola, Vodafone | Frank Muller, Ericsson |
| BB | 2398 | GP | | N | Usage of ECSD Concept | | | 06/11/2000 08:00 | 19/04/2002 17:00 | 100 % | No | No | | | |
| BB | 2399 | GP | | N | Stage 2 | | | 06/11/2000 08:00 | 19/04/2002 17:00 | 100 % | No | No | | | |
| BB | 2400 | GP | | N | Stage 3 | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2401 | GP | | N | RLC PDU formats | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2402 | GP | | N | MAC header | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| F | 2412 | GP;R3 | Rel-5 | N | GERAN/UTRAN interface evolution 1 (evolution of lu PS) | GERUE V1 | | 01/09/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | SBC, Motorola, Nokia, Ericsson, Nortel | Marc Grant , SBC |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|--|---------------|------------|------------------|------------------|--------|---------|----------|--|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2413 | GP;R3 | | N | Evolution of lu ps | GERUEV 1-luPS | | 01/09/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| WT | 2414 | GP;R3 | | N | Identification of GERAN requirements on lu ps | | | 01/09/2000 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| WT | 2415 | GP;R3 | | N | Update of specifications | | | 03/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| F | 2416 | GP;R3 | Rel-5 | N | GERAN/UTRAN interface evolution 2 (evolution of lu CS) | GERUE V2 | | 01/09/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | |
| BB | 2417 | GP;R3 | | N | Evolution of lu cs | GERUEV 2-luCS | | 01/09/2000 08:00 | 28/06/2002 17:00 | 100 % | No | No | | Lucent, Ericsson, AWS, Nortel | Krishna Balachandran, Lucent |
| WT | 2418 | GP;R3 | | N | Identification of GERAN requirements on lu cs | | | 01/09/2000 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 2419 | GP;R3 | | N | Update of specifications | | | 01/09/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| F | 2556 | S2 | Rel-5 | N | End to End QoS for PS Domain including IMS | E2EQoS S | TSG | 28/08/2000 08:00 | 28/06/2002 17:00 | 97% | No | No | | | Johnson Oyama, Ericsson Johnson.oyama@era.ericsson.se |
| BB | 2557 | S2 | | N | E2E QoS Concept and Architecture | | TSG | 03/01/2001 08:00 | 07/09/2001 17:00 | 100 % | No | No | 23.207 | | |
| BB | 2558 | N3 | | N | E2E QoS interworking | E2EQoS-IW | WG | 28/08/2000 08:00 | 07/06/2002 17:00 | 95% | No | No | 29.208, 29.207, 27.060, 29.061, 24.008, 24.228, , 24.229, 29.060, 29.163 | [DAB - 30/07/02] - % complete to 95% (if we exclude Diffserv) | Daisuke Yokota, Lucent yokota@lucent.com |
| BB | 2559 | S5 | Rel-5 | N | QoS Management (Provisioning and Monitoring) | E2EQoS-OAM | TSG | 21/09/2001 08:00 | 28/06/2002 17:00 | 100 % | No | No | 32-series | | Albert YUHAN (VoiceStream Wireless), Michael TRUSS (Motorola) Albert.Yuhan@voicestream.com; Michael.Truss@MOTOROLA.COM |
| F | 2569 | T2 | Rel-5 | N | Messaging enhancements Rel-5 | MESS5 | TSG | 15/06/2001 08:00 | 31/03/2003 17:00 | 67% | No | Yes | | support of UAProf, so this in my opinion is 100% complete | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|--|----------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2571 | T2 | | N | Multimedia Messaging (MMS) enhancements | MESS5-MMS | TSG | 15/06/2001 08:00 | 31/03/2003 17:00 | 62% | No | Yes | | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| WT | 2590 | S1 | Rel-5 | N | Definition of service requirements | MESS5-SR | | 15/06/2001 08:00 | 15/03/2002 17:00 | 100% | No | No | 22.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| WT | 2591 | T2 | | N | Technical realization | | | 15/06/2001 08:00 | 07/06/2002 17:00 | 100% | No | No | 23.140 | stage 3 MM7 is missing | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| WT | 3199 | T2 | | N | WAP Forum dependency: MM1 stage 3 | | | 15/06/2001 08:00 | 31/03/2003 17:00 | 80% | No | No | | | |
| WT | 2800 | S4 | | N | MMS formats and codecs | | | 03/12/2001 08:00 | 15/03/2002 17:00 | 100% | No | No | 26.140 | | |
| BB | 2572 | T2 | | N | Enhanced Messaging Service (EMS) enhancements | MESS5-EMS | TSG | 15/06/2001 08:00 | 08/03/2002 17:00 | 58% | No | Yes | 23.040 | | Alan Baldwin, Ericsson Alan.Baldwin@EML.ERICSSON.SE |
| WT | 2592 | S1 | | N | Definition of service requirements | | | 15/06/2001 08:00 | 14/09/2001 17:00 | 100% | No | No | | | Alan Baldwin, Ericsson Alan.Baldwin@EML.ERICSSON.SE |
| WT | 2593 | T2 | | N | Technical realization | | | 15/06/2001 08:00 | 08/03/2002 17:00 | 100% | No | No | 23.040 | | Alan Baldwin, Ericsson Alan.Baldwin@EML.ERICSSON.SE |
| F | 2619 | GP | Rel-5 | N | GERAN Inter BSC NACC improvements over the Gb Interface | GERNACC | | 03/09/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 2620 | N4;S2 | | N | Modification of core network protocols for GERAN Inter BSC NACC over Gb Interface | GERNACC-Cnmod | | 03/09/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 2621 | N4;S2 | | N | Stage 2 - Concept | | | 03/09/2001 08:00 | 31/10/2001 17:00 | 100% | No | No | | | |
| WT | 2622 | N4;S2 | | N | Stage 2 - 23.060 change - Definition of Inter BSC NACC | | | 03/09/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 2623 | N4 | | N | Stage 3 (changes to TS 29.060) | | | 03/09/2001 08:00 | 08/03/2002 17:00 | 100% | No | No | | IP 30/11/01: Input awaited from GERAN2 to CN4... | |
| BB | 2624 | GP | | N | Modification of Gb protocols for GERAN Inter BSC NACC over Gb Interface | GERNACC-Gbmod | | 30/11/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|---|----------------|------------|------------------|------------------|--------|---------|----------|----------------|---------------------|------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 2625 | GP | | N | Stage 3 (changes to TS 48.018) | | | 30/11/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| F | 2789 | GP | Rel-5 | N | Enhanced Power Control | EPC | | 26/11/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | | |
| BB | 2790 | GP | | N | Realization of Enhanced power control and signaling support | | | 26/11/2001 08:00 | 30/11/2001 17:00 | 100% | No | No | | Ready | |
| BB | 2791 | GP | | N | GERAN MS Conformance test for Enhanced Power Control | | | 10/12/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| BB | 2792 | GP | | N | GERAN BTS Conformance test for Enhanced Power Control | | | 10/12/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| F | 2793 | GP | Rel-5 | N | 8PSK AMR HR | 8PSK-AH | | 10/12/2001 08:00 | 19/12/2003 17:00 | 74% | No | No | | Completed for Rel-5 | |
| BB | 2794 | GP | | N | Definition of channel coding, performance requirements and signaling support | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3150 | GP | | N | Concept | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3151 | G2 | | N | Changes to 44.018 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3152 | G1 | | N | Changes to 45.001 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3153 | G1 | | N | Changes to 45.002 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3154 | G1 | | N | Changes to 45.003 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3155 | G1 | | N | Changes to 45.005 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3156 | G2 | | N | Changes to 24.008 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3157 | G2 | | N | Changes to 48.058 | | | 10/12/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 2795 | GP | | N | GERAN MS Conformance test for 8PSK HR | | | 10/12/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----------|-------|-------|---|---------------|------------|------------------|------------------|--------|---------|----------|------------------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2796 | GP | | N | GERAN BTS Conformance test for 8PSK HR | | | 10/12/2001 08:00 | 20/12/2002 17:00 | 100 % | No | No | | | |
| F | 2602 | N3 | Rel-5 | N | Service Change and UDI Fallback | SCUDIF | WG | 08/10/2001 08:00 | 07/06/2002 17:00 | 100 % | No | No | 29.007, 27.001, 24.008 | [DAB - 23/05/03] - 100 % complete some issues with CAMEL | Rune Werner Wiik, Ericsson AS Rune.Werner.Wiik@ericsson.no |
| F | 3449 | T3 | NA | N | Rel-5 USIM toolkit enhancements | USAT1 | | 05/06/2000 08:00 | 26/09/2003 17:00 | 56% | No | No | | | |
| BB | 3450 | T3 | | N | Test specification for USIM toolkit security mechanims | | | 28/05/2002 08:00 | 26/09/2003 17:00 | 0% | No | No | | | Sophie Viallet (Gemplus) |
| BB | 3451 | T3 | Rel-5 | N | Protocol Standardisation of a SIM Toolkit Interpreter | USAT1-Interpr | TSG | 05/06/2000 08:00 | 22/01/2003 17:00 | 64% | No | Yes | 27.103 | 28/5/2001: T3-19 proposed that since the stage 2 and 3 will not be presented to TP-12 for approval as expected, the WI will be moved to rel-5, with completion expected at TP-13. | Michael Meyer, G & D |
| WT | 3452 | T3 | | N | Stage 1 | | TSG | 05/06/2000 08:00 | 16/03/2001 17:00 | 100% | No | No | | 5/10/2001: Stage one comepeted at TP-12. | |
| WT | 3453 | T3 | | N | Stage 2 and 3 | | TSG | 03/01/2001 08:00 | 08/03/2002 17:00 | 100% | No | No | | 5/10/2001: TS 31.112 and 31.113 approved at TP-13. TS 31.114 to be presented to TP-14. | |
| WT | 3454 | T3 | | N | Test specification | | TSG | 03/09/2001 08:00 | 22/01/2003 17:00 | 12% | No | No | | 5/10/2001: Work started on test specification | Gérald MAUNIER (Gemplus) |
| BB | 3410 | T3 | NA | Y | (U)SIM API | USAT1-API | | 20/03/2002 08:00 | 20/09/2002 17:00 | 100 % | No | No | | 8/3/2001: test spec is based on R99 core spec, so deleted from Workplan | |
| WT | 3411 | T3 | | N | Java API Test specification | | | 20/03/2002 08:00 | 20/09/2002 17:00 | 100% | No | No | | | Mario Pérez (Microelectrónica Española) |
| F | 2808 | Gene ric | Rel-5 | N | small Technical Enhancements and Improvements for Rel5 | TEI5 | TSG | 25/12/2000 08:00 | 22/03/2002 17:00 | 100 % | Yes | Yes | | "Joker" WI, to be used for a Rel 5 CR not related to any feature and with very limited impact on the system | |
| F | 3523 | S1 | Rel-5 | N | Technical Report on UE Functionality Split (Work stopped) | UESPLIT | TSG | 03/01/2000 08:00 | 01/05/2000 17:00 | 0% | No | No | | | Sanjay Gupta, Motorola sanjay.gupta@motorola.com |
| F | 2520 | S5 | NA | N | User Equipment Management | UEM | TSG | 21/06/2001 08:00 | 28/06/2002 17:00 | 100 % | No | No | | az: Rel-5->NA (to cover also Rel-6) | John Mudge (Vodafone) john.mudge@vf.vodafone.co.uk |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2583 | S5 | Rel-5 | N | FS on User Equipment (UE) Management | OAM-UEM | TSG | 21/06/2001 08:00 | 28/06/2002 17:00 | 100 % | No | No | 32.802 | | John Mudge (Vodafone) john.mudge@VF.VO DAFONE.CO.UK |
| F | 3234 | GP | Rel-5 | N | Flow control supporting an MS with multiple data flows with different QoS over the Gb interface | FlowCon | TSG | 24/06/2002 08:00 | 30/08/2002 17:00 | 100 % | No | No | | | Ingemar Backlund, Ericsson |
| BB | 3235 | GP | | N | Update of stage 2 specifications | | TSG | 24/06/2002 08:00 | 30/08/2002 17:00 | 100 % | No | No | | | |
| WT | 3236 | S2 | | N | Concept document 23.060 (changes to) | | | 28/06/2002 08:00 | 30/08/2002 17:00 | 100% | No | No | | | |
| WT | 3237 | GP | | N | Flow Control | | | 24/06/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 3238 | GP | | N | Modification of BSSGP protocol | | TSG | 24/06/2002 08:00 | 28/06/2002 17:00 | 100 % | No | No | | | Ingemar Backlund, Ericsson |
| WT | 3239 | G2 | | N | Stage 3 (changes to 48.018) | | | 24/06/2002 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| F | 3161 | GP | Rel-5 | N | Multiple TBF in A/Gb mode | MULTBF | TSG | 19/04/2002 08:00 | 28/11/2003 17:00 | 16% | No | No | | | Gunnar Mildh, Ericsson gunnar.mildh@era.ericsson.se |
| BB | 3162 | GP | | N | Multiple TBF in A/Gb mode | MULTBF - Agbmode | | 19/04/2002 08:00 | 22/08/2003 17:00 | 26% | No | No | | Started | |
| WT | 3163 | GP | | N | Multiple TBF Concept paper | | | 19/04/2002 08:00 | 22/08/2003 17:00 | 50% | No | No | | | |
| WT | 3164 | G1 | | N | Multiple TBF Stage 2 (43.064) CRs | | | 19/04/2002 08:00 | 22/11/2002 17:00 | 0% | No | No | | | |
| WT | 3165 | G2 | | N | Multiple TBF Stage 3 (44.060) CRs | | | 19/04/2002 08:00 | 22/11/2002 17:00 | 0% | No | No | | | |
| BB | 3223 | GP | | N | Multiple TBF in A/Gb mode – MS testing | | | 24/06/2002 08:00 | 28/11/2003 17:00 | 0% | No | No | | | Ingemar Backlund, Ericsson |
| WT | 3224 | G4 | | N | MS conformance tests | | | 24/06/2002 08:00 | 28/11/2003 17:00 | 0% | No | No | | Not started | |
| F | 2345 | GP | Rel-5 | N | Alignment of 3G functional split and lu | GER3GAL | TSG | 08/06/2000 08:00 | 19/12/2003 17:00 | 76% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone | Frank Muller, Ericsson |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-----|-------|---|----------------|------------|------------------|------------------|--------|---------|----------|----------------|---|------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2346 | GP | | N | GERAN user / control plane | GER3GAL-GUCOPL | TSG | 07/08/2000 08:00 | 30/08/2002 17:00 | 89% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone | Frank Muller, Ericsson |
| WT | 2347 | GP | | N | Alignment with UMTS bearer concept | | TSG | 07/08/2000 08:00 | 30/08/2002 17:00 | 90% | No | No | | | |
| WT | 2607 | GP | | N | Enhanced power control | | TSG | 31/08/2001 08:00 | 31/08/2001 17:00 | 100% | No | No | | | |
| WT | 2423 | GP | | N | Stage 2 | | TSG | 07/08/2000 08:00 | 29/06/2001 17:00 | 100% | No | No | | | |
| WT | 2348 | GP | | N | Adoption of the UTRAN PDCP | | TSG | 06/11/2000 08:00 | 21/12/2001 17:00 | 100% | No | No | | Responsible is GERAN; RAN WG2 help may be needed. | |
| WT | 3137 | GP | | N | Development of RLC / MAC | | TSG | 31/08/2001 08:00 | 30/08/2002 17:00 | 100% | No | No | | | |
| WT | 3138 | GP | | N | Development of GERAN RRC | | TSG | 22/06/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3139 | GP | | N | Ciphering and integrity protection concept paper | | TSG | 31/08/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 3140 | GP | | N | Multiple TBF or equivalent Concept paper | | TSG | 31/08/2001 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 3141 | GP | | N | Paging concept | | TSG | 31/08/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 3142 | GP | | N | Dedicated Physical subchannels, includes traffic and control channels | | TSG | 31/08/2001 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| WT | 3143 | GP | | N | lu support and broadcast concept | | TSG | 31/08/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 3144 | GP | | N | Impact of using RLC instead of LAPDm concept | | TSG | 31/08/2001 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 3145 | GP | | N | Contention resolution, mobile station identity, and access concept | | TSG | 31/08/2001 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |
| WT | 3146 | GP | | N | PDCP concept | | TSG | 31/08/2001 08:00 | 19/04/2002 17:00 | 100% | No | No | | | |
| WT | 3147 | GP | | N | Downlink delayed TBF release | | TSG | 31/08/2001 08:00 | 30/08/2002 17:00 | 100% | No | No | | | |
| WT | 3148 | GP | | N | Add transparent RLC Concept | | TSG | 31/08/2001 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 3149 | GP | | N | Handover concept | | | 31/08/2001 08:00 | 08/02/2002 17:00 | 100% | No | No | | | |
| WT | 2424 | GP | | N | Physical layer alignment with UMTS bearer concept | | TSG | 06/11/2000 08:00 | 30/11/2001 17:00 | 77% | No | No | | | |
| WT | 2356 | GP | | N | PDTCH/TCH in 45.003 | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2357 | GP | | N | Control channels in 45.003 | | TSG | 06/11/2000 08:00 | 08/06/2001 17:00 | 100% | No | No | | | |
| WT | 2358 | GP | | N | Receiver performance in 45.005 for PDTCH/TCH and control channels | | TSG | 06/11/2000 08:00 | 30/11/2001 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|-------|-----|-------|---|---------------|------------|------------------|------------------|--------|---------|----------|----------------|---|------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2359 | GP;RP | | N | lu rg interface | GER3GA L-lurg | TSG | 06/11/2000 08:00 | 28/06/2002 17:00 | 94% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone | Frank Muller, Ericsson |
| WT | 2425 | GP;RP | | N | Inter BSS interface | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2360 | GP | | N | Identification of requirements | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2361 | GP | | N | Stage 2 | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2362 | GP | | N | Adoption of relevant parts from lur | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2363 | GP | | N | Complementation with GERAN specifics | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2364 | GP | | N | Stage 3 | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2426 | GP;RP | | N | Inter BSS-RNS interface | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2365 | GP;R3 | | N | Identification of requirements | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2366 | GP;R3 | | N | Stage 2 | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2367 | GP;R3 | | N | Adoption of relevant parts from lur | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2368 | GP;R3 | | N | Complementation with GERAN specifics | | | 30/01/2002 13:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2369 | GP;R3 | | N | Stage 3 | | | 30/01/2002 13:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| BB | 2370 | GP;R3 | | N | Voice over GERAN PS and CS concept | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2371 | GP;R3 | | N | Architecture for A, lu cs and lu ps | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2372 | GP | | N | Transcoder position/operation | | | 06/11/2000 08:00 | 13/04/2001 17:00 | 100% | No | No | | | |
| WT | 2373 | GP;R3 | | N | Handover | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 2374 | GP;R3 | | N | RTP payload | | | 06/11/2000 08:00 | 28/06/2002 17:00 | 100% | No | No | | | |
| WT | 3526 | GP;R3 | | N | Codec renegotiation concept | | | 06/11/2000 08:00 | 29/03/2002 17:00 | 100% | No | No | | | |
| WT | 3527 | GP | | N | LA | | | 06/11/2000 08:00 | 13/04/2001 17:00 | 100% | No | No | | | |
| BB | 2388 | GP | | N | GERAN MS Conformance test for GERAN interface evolution | | | 11/06/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| WT | 2389 | GP | | N | MS test | | | 11/06/2001 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----------|-------|-------|---|----------------|------------|------------------|------------------|--------|---------|----------|----------------|---|------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2390 | GP | | N | GERAN BSS Conformance test for GERAN interface evolution | | | 08/06/2000 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| WT | 2391 | GP | | N | BSS test | | | 08/06/2000 08:00 | 19/12/2003 17:00 | 0% | No | No | | Not started | |
| F | 2330 | GP | Rel-5 | N | GERAN support for IMS | GERIMS | TSG | 01/05/2000 08:00 | 20/12/2002 17:00 | 45% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Motorola | Shkumbin Hamiti, Nokia |
| BB | 2331 | GP;S2;RP | | N | GERAN Header adaptation | GERIMS-HEADAPT | TSG | 01/05/2000 08:00 | 20/12/2002 17:00 | 68% | No | No | | AWS, Nokia, Ericsson, Nortel, Siemens, Motorola | Shkumbin Hamiti, Nokia |
| WT | 2332 | GP;S2;RP | | N | Definition of compression and removal modes for PDCP protocol | | TSG | 01/05/2000 08:00 | 10/11/2000 17:00 | 100% | No | No | | | |
| WT | 2333 | GP;S2;RP | | N | Conceptual description in stage 2 | | TSG | 01/05/2000 08:00 | 31/10/2001 17:00 | 100% | No | No | | | |
| WT | 2334 | GP;S2;RP | | N | Necessary changes on stage 3 regarding header removal | | TSG | 06/11/2000 08:00 | 20/12/2002 17:00 | 100% | No | No | | | |
| BB | 2335 | GP;S2;RP | | N | GERAN Radio access bearer design for IMS | GERIMS-RABDES | TSG | 06/11/2000 08:00 | 28/06/2002 17:00 | 40% | No | No | | TERMINATED - NOT STANDARDIZED | Shkumbin Hamiti, Nokia |
| WT | 2422 | GP;S2;RP | | N | MuM control signalling for conversational multimedia services | | TSG | 06/11/2000 08:00 | 28/06/2002 17:00 | 45% | No | No | | TERMINATED - NOT STANDARDIZED | |
| WT | 2431 | GP;S2;RP | | N | Identification of requirements | | TSG | 06/11/2000 08:00 | 08/02/2002 17:00 | 100% | No | No | | TERMINATED - NOT STANDARDIZED | |
| WT | 2337 | GP;S2;RP | | N | Necessary modifications due to SIP | | TSG | 06/05/2002 08:00 | 28/06/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| BB | 2341 | GP | | N | GERAN MS Conformance test for support of IMS | GERIMS-MSconf | TSG | 11/06/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | Shkumbin Hamiti, Nokia |
| WT | 2342 | G4 | | N | MS test | | TSG | 11/06/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| BB | 2343 | GP | | N | GERAN BTS Conformance test for support of IMS | GERIMS-BTSconf | TSG | 11/06/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | Shkumbin Hamiti, Nokia |
| WT | 2344 | G3 | | N | BTS test | | TSG | 11/06/2001 08:00 | 20/12/2002 17:00 | 0% | No | No | | TERMINATED - NOT STANDARDIZED | |
| F | 3555 | G4;G5 | NA | N | MS Conformance Testing of Dual Transfer Mode | MSCTDTM | TSG | 11/11/2002 08:00 | 07/02/2003 17:00 | 100% | No | No | | Needed to complete DTM (R99) | Dave Fox, Vodafone |

| Extracted from 3GPP Work Plan: Rel-5 Work Plan - Version 2003 July 25th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|------------|------------|------------------|------------------|--------|---------|----------|----------------|-------|------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3642 | S2 | Rel-5 | N | Handling of early UEs | LATE_UE | TSG | 03/01/2000 08:00 | 27/06/2003 17:00 | 99% | No | No | | | |
| BB | 3643 | S2 | | N | Feasibility Study | | WG | 07/10/2002 08:00 | 13/12/2002 17:00 | 100% | No | No | | | |
| BB | 3644 | S2 | | N | Stage 2 | | WG | 06/01/2003 08:00 | 27/06/2003 17:00 | 100% | No | No | | | |
| BB | 3645 | R2 | Rel-5 | N | FS for the Early Mobile Handling in UTRAN | FSEarly UE | TSG | 09/09/2002 08:00 | 06/06/2003 17:00 | 100% | No | No | | | Alan Law, Vodafone Ltd |
| BB | 3646 | | | N | Note: Stage 3 RAN part not shown | | | 03/01/2000 08:00 | 03/01/2000 17:00 | 0% | No | No | | | |

Annex I: Current content of Release 6+, extracted from the Project Plan - Version September 16 2003

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|--------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 1216 | RP | Rel-6 | Y | Improvements of Radio Interface | RInImp | TSG | 14/08/2000 08:00 | 19/03/2004 17:00 | 50% | No | No | | | |
| BB | 3196 | R4 | Rel-6 | N | Improving Receiver Performance Requirements for the FDD UE | RInImp-UERecP erf | TSG | 08/03/2002 08:00 | 19/09/2003 17:00 | 70% | No | No | | | Shimon Moshavi, Intel |
| BB | 3247 | R1 | Rel-6 | N | Improvement of inter-frequency and inter-system measurement | RInImp-IfIsM | TSG | 01/01/2001 08:00 | 12/09/2003 17:00 | 10% | Yes | Yes | | RP-020389 | Nokia (Antti Toskala) |
| BB | 3461 | R4 | Rel-6 | N | Base station classification | RInImp-BSClass | TSG | 14/08/2000 08:00 | 04/12/2002 17:00 | 100% | No | No | | | |
| WT | 3249 | R4 | Rel-6 | N | FDD Base station classification | RInImp-BSClass-FDD | TSG | 14/08/2000 08:00 | 04/12/2002 17:00 | 100% | Yes | Yes | | | A. Toskala, Nokia |
| BB | 3600 | R4 | Rel-6 | N | UMTS-850 | RInImp-UMTS850 | TSG | 06/12/2002 08:00 | 12/03/2004 17:00 | 40% | No | No | | | Don Zelmer, Cingular don.zelmer@cingular.com |
| BB | 3650 | R4 | Rel-6 | N | DS-CDMA introduction in the 800 MHz band | RInImp-UMTS800 | TSG | 14/03/2003 08:00 | 19/09/2003 17:00 | 25% | No | No | | | Takehiro Nakamura, NTT DoCoMo takehiro@wsp.yrp.nttdocomo.co.jp |
| BB | 3651 | R4 | Rel-6 | N | UMTS 1.7/2.1 GHz | RInImp-UMTS1721 | TSG | 14/03/2003 08:00 | 12/12/2003 17:00 | 10% | No | No | | | Jussi Numminen, Nokia jussi.numminen@NOKIA.COM |
| BB | 2799 | R4 | Rel-6 | N | FS for the viable deployment of UTRA in additional and diverse spectrum arrangements | RInImp-UMTSBands | TSG | 08/03/2002 08:00 | 06/06/2003 17:00 | 100% | No | No | | | Thomas Unshelm, Ericsson Thomas.Unshelm@era.ericsson.se |
| BB | 3197 | R4 | Rel-6 | N | FS on UE antenna efficiency test methods performance requirements (2) | RInImp-UEAnTM2 | TSG | 08/03/2002 08:00 | 06/09/2002 17:00 | 100% | No | No | | The RInImp-UEAnTM FS was re-opened at TSG RAN#15 upon request from WG4 | Alf Ahlström, Allgon |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|---------------------|------------|---------------------|---------------------|--------|---------|----------|----------------|-----------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3258 | R1 | Rel-6 | N | FS on Radio link performance enhancements | RInImp-Rlperf | TSG | 14/08/2000 08:00 | 19/03/2004 17:00 | 40% | Yes | Yes | | RP-020358 | Antti Toskala, Nokia Networks |
| BB | 3262 | R4 | Rel-6 | N | FS on UTRA WideBand Distribution Systems | RInImp-WDS | TSG | 12/03/2001 08:00 | 19/03/2004 17:00 | 40% | No | No | | | Andrea Casini, Tekmar Sistemi |
| BB | 3267 | R1 | Rel-6 | N | FS on Improvement of inter-frequency and inter-system measurements for 1.28 Mcps TDD | RInImp-lfIsMLC R | TSG | 14/12/2001 08:00 | 19/09/2003 17:00 | 55% | No | No | | RP-020374 | Li Xiao Qiang, SAMSUNG |
| BB | 3463 | R1 | Rel-6 | N | FS for the analysis of OFDM for UTRAN enhancements | RInImp-FSOFDM | TSG | 10/06/2002 08:00 | 05/12/2003 17:00 | 35% | No | No | | | Sarah Boumendil, Nortel |
| BB | 3464 | R1 | Rel-6 | N | FS on Uplink Enhancements for Dedicated Transport Channels | RInImp-FSUpDTrCh | TSG | 06/09/2002 08:00 | 05/12/2003 17:00 | 40% | No | No | | | Karri Ranta-aho, Nokia |
| BB | 3465 | R1 | Rel-6 | N | FS on Analysis on Higher Chip Rates for UTRA TDD evolutions | RInImp-FSVHCR TDD | TSG | 06/09/2002 08:00 | 05/12/2003 17:00 | 35% | No | No | | | Tim Wilkinson, IPWireless |
| BB | 3652 | R4 | Rel-6 | N | FS on Low Output Powers for general purpose FDD BSs | RInImp-FSLOP | TSG | 13/06/2003 08:00 | 19/12/2003 17:00 | 10% | No | No | | | Jose Alberto Martin, Telefonica martin_ja4@tsm.es |
| BB | 3683 | R1 | Rel-6 | N | FS on Uplink enhancements for UTRA TDD | RInImp-FSUpEnhTDD | TSG | 06/06/2003 08:00 | 19/03/2004 17:00 | 0% | No | No | | | TBD TBD |
| F | 2468 | R1 | Rel-6 | N | Multiple Input Multiple Output antennas (MIMO) | RInImp-MIMO | TSG | 14/03/2003 08:00 | 17/12/2004 17:00 | 26% | No | No | | | Howard Huang, Lucent hchuang@lucent.com |
| BB | 3653 | R1 | Rel-6 | N | Multiple Input Multiple Output antennas - Physical layer | RInImp-MIMO-Phys | TSG | 14/03/2003 08:00 | 19/03/2004 17:00 | 35% | No | No | | | Howard Huang, Lucent hchuang@lucent.com |
| BB | 3654 | R2 | Rel-6 | N | Multiple Input Multiple Output antennas - Layer 2,3 aspects | RInImp-MIMO-L23 | TSG | 12/09/2003 08:00 | 19/03/2004 17:00 | 0% | No | No | | | Howard Huang, Lucent hchuang@lucent.com |
| BB | 3655 | R3 | Rel-6 | N | Multiple Input Multiple Output antennas - lub/lur Protocol Aspects | RInImp-MIMO-lur lub | TSG | 14/03/2003 08:00 | 31/03/2004 17:00 | 0% | No | No | | | Howard Huang, Lucent hchuang@lucent.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|-----------------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3656 | R4 | Rel-6 | N | Multiple Input Multiple Output antennas - RF Radio Transmission/Reception, System Performance Requirements and Conformance Testing | RInmp-MIMO-RF | TSG | 12/12/2003 08:00 | 17/12/2004 17:00 | 5% | No | No | | | Howard Huang, Lucent hchuang@lucent.com |
| F | 9 | RP | Rel-6 | Y | RAN improvements | RANimp | TSG | 14/12/2001 08:00 | 31/03/2004 17:00 | 43% | No | No | | | |
| BB | 3286 | R1 | Rel-6 | N | Beamforming Enhancements | RANimp-BFE | TSG | 14/12/2001 08:00 | 19/09/2003 17:00 | 80% | No | No | | RP-020357 | Jussi Kähtävä, Nokia |
| BB | 624 | R2 | Rel-6 | N | RAB support enhancement | RANimp-RABSE | TSG | 14/03/2003 08:00 | 31/03/2004 17:00 | 10% | Yes | Yes | | This is a building block without particular end date | M. Israelsson, A. Krishnarajah, Ericsson |
| WT | 3657 | R3 | Rel-6 | N | Iu enhancements for IMS support in RAN | RANimp-RABSE-IuEnhIMS | TSG | 14/03/2003 08:00 | 31/03/2004 17:00 | 10% | No | No | | | Phillipe Godin, Nortel godinp@nortelnetworks.com |
| BB | 3097 | R3 | Rel-6 | N | Improvement of RRM across RNS and RNS/BSS | RANimp-RRM1 | TSG | 25/03/2002 08:00 | 31/12/2003 17:00 | 35% | No | No | | | Antti Toskala, Nokia antti.toskala@nokia.com |
| BB | 3467 | R3 | Rel-6 | N | FS on the evolution of the UTRAN architecture | RANimp-FSEvo | TSG | 09/09/2002 08:00 | 31/12/2003 17:00 | 20% | No | No | | | Antti Toskala, Nokia antti.toskala@nokia.com |
| BB | 3658 | R3 | Rel-6 | N | Rel6 RRM optimization for Iur and Iub | RANimp-RRMopt | TSG | 06/12/2002 08:00 | 30/09/2003 17:00 | 100% | No | Yes | | | Gert-Jan van Lieshout, Ericsson |
| WT | 3601 | R3 | Rel-6 | N | FS of the improved access to UE measurement data for CRNC to support TDD RRM | RANimp-RRMopt-FSUEMsD | TSG | 06/12/2002 08:00 | 30/09/2003 17:00 | 100% | No | No | | | Jim Miller, Interdigital jim.miller@interdigital.com |
| BB | 3659 | R3 | Rel-6 | N | Remote Control of Electrical Tilting Antennas | RANimp-TiltAnt | TSG | 14/03/2003 08:00 | 31/03/2004 17:00 | 10% | No | No | | | Andreas Hauser, Vodafone Andreas.Hauser@vodafone.com |
| BB | 3660 | R3 | Rel-6 | N | Network Assisted Cell Change (NACC) from UTRAN to GERAN - network-side aspects | RANimp-NACC | TSG | 13/06/2003 08:00 | 31/12/2003 17:00 | 30% | No | No | | | Brendan McWilliams, Vodafone Brendan.McWilliams@gb.vodafone.co.uk |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|-----|-------|-------|---|---------|------------|------------------|------------------|--------|---------|----------|----------------|-------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3665 | S2 | Rel-6 | N | PS domain and IMS impacts for supporting IMS Emergency calls | EMC1 | TSG | 14/08/2000 08:00 | 30/04/2004 17:00 | 30% | No | No | | | Rainer Liebhart |
| BB | 1314 | S1 | Rel-6 | N | Service Requirements for IP-based emergency calls | | | 18/09/2000 08:00 | 27/06/2003 17:00 | 90% | No | No | 22.976 | | |
| BB | 3666 | S2 | Rel-6 | N | Stage 2 | | TSG | 26/02/2003 08:00 | 30/04/2004 17:00 | 36% | No | No | | | Miikka Poikselka, Nokia |
| BB | 1653 | N1 | Rel-6 | N | Emergency Call Enhancements for IP& PS Based Calls – stage 3 | | | 14/08/2000 08:00 | 12/12/2003 17:00 | 9% | Yes | Yes | | | Mr Atle Monrad, Ericsson Atle.Monrad@eto.ericsson.se |
| WT | 1315 | N1 | Rel-6 | N | SIP emergency calls and packet emergency calls signalling flows | | | 17/10/2000 08:00 | 12/12/2003 17:00 | 19% | No | No | TS 24.228 | | Mr Atle Monrad, Ericsson Atle.Monrad@eto.ericsson.se |
| WT | 1646 | N1 | Rel-6 | N | Stage 3 for emergency calls and packet emergency calls in general | | | 14/08/2000 08:00 | 12/12/2003 17:00 | 0% | No | No | TS 24.229 | | Mr Atle Monrad, Ericsson Atle.Monrad@eto.ericsson.se |
| F | 3214 | S2 | Rel-6 | N | Location Services enhancements 2 | LCS2 | TSG | 28/08/2000 08:00 | 19/03/2004 17:00 | 53% | No | No | | | |
| BB | 3215 | S2 | Rel-6 | N | Improvement on Le interface | | TSG | 17/06/2002 08:00 | 23/12/2003 17:00 | 60% | No | No | | | |
| WT | 3667 | S2 | Rel-6 | N | Stage 2 | | | 17/06/2002 08:00 | 22/09/2003 17:00 | 82% | No | No | | | |
| WT | 3692 | OMA | Rel-6 | N | Stage 3 in OMA - it impacts Mobile Location Protocol (MLP) | | | 10/07/2003 08:00 | 23/12/2003 17:00 | 0% | No | No | | | |
| BB | 3216 | S2 | Rel-6 | N | Enhanced support for anonymity and user privacy | | TSG | 08/07/2002 08:00 | 23/12/2003 17:00 | 67% | No | No | | | |
| WT | 3669 | S2 | Rel-6 | N | Stage 2 | | | 08/07/2002 08:00 | 27/06/2003 17:00 | 100% | No | No | | | |
| WT | 3693 | OMA | Rel-6 | N | Stage 3 in OMA (it impacts MLP and RLP) | | | 10/07/2003 08:00 | 23/12/2003 17:00 | 0% | No | No | | | |
| BB | 2630 | S2 | Rel-6 | N | Enhanced inter-GMLC interface | | TSG | 24/06/2002 08:00 | 12/09/2003 17:00 | 76% | No | No | | | |
| WT | 3670 | S2 | Rel-6 | N | Stage 2 | | | 24/06/2002 08:00 | 05/09/2003 17:00 | 86% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|---|--------------------|------------|-----------------------------|-----------------------------|------------|-----------|-----------|----------------|--|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3694 | OMA | Rel-6 | N | Stage 3 in OMA (definition of RLP and PCP) | | | 02/09/20 02 08:00 | 12/09/20 03 17:00 | 65% | No | No | | | |
| BB | 2810 | S2 | Rel-6 | N | Location Services support for IMS public identities | | TSG | 02/09/2002 08:00 | 19/12/2003 17:00 | 39% | No | No | | | |
| WT | 3671 | S2 | Rel-6 | N | Stage 2 | | | 24/02/2003 08:00 | 19/12/2003 17:00 | 19% | No | No | | | |
| WT | 3695 | OMA | Rel-6 | N | Stage 3 in OMA (impacts MLP, RLP and PCP) | | | 02/09/2002 08:00 | 19/12/2003 17:00 | 51% | No | No | | | |
| BB | 3217 | S2 | Rel-6 | N | New area event for location service triggering reports | | TSG | 03/06/2002 08:00 | 22/12/2003 17:00 | 61% | No | No | | | |
| WT | 3672 | S2 | Rel-6 | N | Stage 2 | | | 03/06/2002 08:00 | 27/06/2003 17:00 | 100% | No | No | | | |
| WT | 3696 | N4 | Rel-6 | N | Stage 3 for UE-CN signalling | | | 10/07/2003 08:00 | 22/12/2003 17:00 | 0% | No | No | | | |
| WT | 3697 | OMA | Rel-6 | N | Stage 3 in OMA (impacts MLP, RLP and PCP) | | | 14/07/2003 08:00 | 19/12/2003 17:00 | 0% | No | No | | | |
| BB | 3544 | S2 | Rel-6 | N | FS on applicability of GALILEO for LCS | | | 08/07/2002 08:00 | 19/03/2004 17:00 | 40% | No | No | | | |
| WT | 3698 | S2 | Rel-6 | N | TR on Stage 2 | | | 08/07/2002 08:00 | 19/03/2004 17:00 | 60% | No | No | | | |
| WT | 3699 | GP | Rel-6 | N | GERAN review of the TR | | | 25/08/2003 08:00 | 12/12/2003 17:00 | 0% | No | No | | | |
| BB | 3469 | RP | Rel-6 | N | UE positioning | LCS2-UEpos | TSG | 28/08/2000 08:00 | 19/03/2004 17:00 | 45% | No | No | | | |
| WT | 2457 | R2 | Rel-6 | N | UE positioning enhancements - other methods | LCS2-UEpos-enh | TSG | 28/08/2000 08:00 | 26/09/2003 17:00 | 10% | No | No | | This is a building block without particular end date | M. Beckmann, Siemens |
| WT | 3211 | R2 | Rel-6 | N | FS on Enhancements to OTDOA Positioning using advanced blanking methods | LCS2-UEpos-FSBlank | TSG | 01/07/2002 08:00 | 19/09/2003 17:00 | 50% | No | No | | | David Bartlett, Cambridge Positioning Systems |
| WT | 2475 | R2 | Rel-6 | N | Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel4 positioning methods | LCS-Rel4Pos | TSG | 15/01/2001 08:00 | 19/09/2003 17:00 | 95% | No | No | | | Meik Kottkamp, Siemens |
| WT | 3684 | R4 | Rel-6 | N | A-GPS minimum performance specification | LCS-UEPos-AGPSPerf | TSG | 06/06/2003 08:00 | 19/03/2004 17:00 | 0% | No | No | | | Donglin Shen, AT&T Wireless Services donglin.shen@attws.com |
| F | 3556 | GP | Rel-6 | N | Uplink TDOA location determination for GSM/GPRS | UTDOA | TSG | 15/11/2002 08:00 | 12/11/2004 17:00 | 20% | No | No | | Ongoing | Gross/Robinson, TruePosition, Inc. |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|-------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3557 | GP | Rel-6 | N | Addition of U-TDOA in the CS domain | UTDOA-CS | | 15/11/2002 08:00 | 23/04/2004 17:00 | 60% | No | No | | | |
| BB | 3558 | GP | Rel-6 | N | Addition of U-TDOA in the PS domain | UTDOA-PS | | 15/11/2002 08:00 | 12/11/2004 17:00 | 5% | No | No | | Not started | |
| F | 1571 | S3 | Rel-6 | N | Security enhancements | SEC1 | TSG | 03/01/2001 08:00 | 14/03/2003 17:00 | 33% | No | No | | Added BB UE authentication and rapporteur added. | Peter Howard, Vodafone Peter.Howard@vodafone.com |
| BB | 2026 | S3 | Rel-6 | N | Enhanced HE control of security (including positive authentication reporting) | | | 03/01/2001 08:00 | 14/03/2003 17:00 | 35% | No | No | | Added by P-000575 without any dates. 18/10/00: Change of WI title, added hyperlink rapporteur new end date 03/01. New end date and correct Release to be decided S3#18 | Peter Howard, Vodafone Peter.Howard@vodafone.com |
| WT | 2027 | S3 | Rel-6 | N | Stage 2 | | | 03/01/2001 08:00 | 14/06/2002 17:00 | 0% | No | No | | New end date and correct Release to be decided S3#18 | |
| WT | 3528 | S3 | Rel-6 | N | Network domain security | SEC1-NDS | TSG | 17/06/2002 08:00 | 14/03/2003 17:00 | 80% | No | Yes | | WID approved for Rel-6 at SA#17 | Geir M. Køien, Telenor myrdahl.koien@telenor.com |
| WT | 3529 | S3 | Rel-6 | N | IP network layer security (NDS/IP) | SEC1-NDS-IP | WG | 17/06/2002 08:00 | 14/03/2003 17:00 | 80% | No | No | TS 33.210 | Should be complete after SA3#27 | |
| F | 3122 | S1 | Rel-6 | N | IMS Phase 2 | IMS2 | TSG | 28/08/2000 08:00 | 31/12/2003 17:00 | 47% | No | No | | Not yet available: verbally approved at SA15, actual WID to be provided at SA16 by Lucent | |
| BB | 3541 | S2 | Rel-6 | N | Stage 2 of IMS Phase 2 | | | 02/09/2002 08:00 | 19/09/2003 17:00 | 80% | No | No | | | |
| BB | 3677 | N4 | Rel-6 | N | Enhancements to the Cx and Sh interfaces | IMS2-CCR | WG | 06/06/2003 08:00 | 12/12/2003 17:00 | 10% | No | No | | 29./05/2003 CN4: New WID presented for approval at CN#20 | |
| BB | 3092 | S1 | Rel-6 | N | IMS Group Management | IMSGM | TSG | 14/03/2002 08:00 | 31/12/2003 17:00 | 35% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3093 | S1 | Rel-6 | N | Stage 1 - TS on IMS group management | | TSG | 14/03/2002 08:00 | 09/12/2002 17:00 | 75% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3623 | S2 | Rel-6 | N | Stage 2 | | | 26/05/2003 08:00 | 31/12/2003 17:00 | 44% | No | No | | | |
| WT | 3547 | N1 | | N | Stage 3 for IMS Group management (e.g. chat) | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 0% | No | No | | | Keith Drage, Lucent drage@lucent.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|---|-------------|------------|------------------|------------------|--------|---------|----------|----------------|-------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3548 | N1 | Rel-6 | N | IMS Conferencing | | | 04/11/2002 08:00 | 12/12/2003 17:00 | 50% | No | No | | | |
| WT | 3624 | S2 | Rel-6 | N | Stage 2 | | | 04/11/2002 08:00 | 30/09/2003 17:00 | 82% | No | No | | | |
| WT | 3634 | N1 | | N | Stage 3 | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 20% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| BB | 3089 | S1 | Rel-6 | N | IMS Messaging | IMSM | TSG | 14/03/2002 08:00 | 12/12/2003 17:00 | 66% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3090 | S1 | Rel-6 | N | TR on support of messaging in the IMS | IMSM-TR | TSG | 14/03/2002 08:00 | 09/12/2002 17:00 | 100% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3560 | S1 | Rel-6 | N | Stage 1 22.340 | IMSM-TS | TSG | 11/11/2002 08:00 | 11/12/2002 17:00 | 100% | No | No | 22.340 | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3091 | S1 | Rel-6 | N | CRs to existing 22-series specifications | IMSM-CR | TSG | 14/03/2002 08:00 | 17/03/2003 17:00 | 75% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3559 | S1 | Rel-6 | N | CRs to 22.140 & 22.228 | IMSM-CR | TSG | 14/03/2002 08:00 | 17/03/2003 17:00 | 75% | No | No | 22.140,22.228 | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| WT | 3471 | S2 | Rel-6 | N | Stage 2 | | | 04/11/2002 08:00 | 26/09/2003 17:00 | 79% | No | No | | | |
| WT | 3550 | N1 | | N | Stage 3 for IMS Messaging | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 10% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| BB | 2692 | S2 | Rel-6 | N | IMS Local services | | | 01/01/2001 08:00 | 12/12/2003 17:00 | 48% | No | No | 23.228 | | |
| WT | 3123 | S2 | Rel-6 | N | Stage 2 | | | 01/01/2001 08:00 | 29/03/2002 17:00 | 100% | No | No | | | |
| WT | 3546 | N1 | | N | Stage 3 for IMS Local services | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 0% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| BB | 3551 | N1 | Rel-6 | N | Additional SIP Capabilities support not covered by Rel-5 | | | 11/11/2002 08:00 | 12/12/2003 17:00 | 51% | No | No | | | |
| WT | 3627 | S2 | Rel-6 | N | Stage 2 for add SIP cap (e.g. forking) | | | 11/11/2002 08:00 | 27/06/2003 17:00 | 100% | No | No | | | |
| WT | 3637 | N1 | | N | Stage 3 for Additional SIP Capabilities | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 20% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| BB | 3552 | N1 | | N | Review additional SIP Capabilities against IMS | | | 13/12/2002 08:00 | 12/12/2003 17:00 | 0% | No | No | | | Keith Drage, Lucent drage@lucent.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|--------------|------------|------------------|------------------|--------|---------|----------|---|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2048 | N3 | Rel-6 | N | Interworking between IMS and IP networks | IMS-CCR-IWIP | TSG | 28/08/2000 08:00 | 12/12/2003 17:00 | 48% | No | No | 23.821, 29.061, 29.162 | [DAB 14.02.02] - end date pushed back to March 2003 | Nigel Holland, BT nigel.holland@bt.com |
| WT | 2828 | N3 | Rel-6 | N | Interworking for 3GPP_SIP and IETF_SIP | | | 28/08/2000 08:00 | 13/06/2003 17:00 | 100% | No | No | New TR 29.962 | [DAB - 20.08.03] - CN Part of TR Complete @ CN#20 | Thomas Belling, Siemens |
| WT | 2829 | N3 | Rel-6 | N | Interworking for IPv6 to IPv4 | | | 28/08/2000 08:00 | 12/12/2003 17:00 | 20% | No | No | 29.163 | | |
| BB | 3206 | N1 | Rel-6 | N | Mm interface (CSCF to external IP multimedia network) -- NOT CN3 | | | 14/03/2001 08:00 | 12/12/2003 17:00 | 23% | No | No | | [DAB - 23.05.03] - IS NOT THE RESPO OF CN3 | |
| WT | 2697 | N1 | Rel-6 | N | CN1 part | | | 14/03/2001 08:00 | 12/12/2003 17:00 | 38% | No | No | | | |
| BB | 2801 | N3 | Rel-6 | N | Interworking between IMS and CS networks | IMS-CCR-IWCS | TSG | 28/08/2000 08:00 | 19/09/2003 17:00 | 79% | No | No | 29.163, 29.061, 24.228, and new CN4 specification | [DAB - 23.05.03] - Remove ITU dependencies | Brendan Mc Williams, Vodafone brendan.mcwilliams@vf.vodafone.co.uk |
| BB | 2694 | N4 | Rel-6 | N | Mn interface (IM-MGW to MGCF) enhancements | IMS-CCR-Mn | | 02/09/2002 08:00 | 12/12/2003 17:00 | 60% | No | No | | 17th May 2002, CN4; Will be handled in Rel-6... | Peter Schmitt, Siemens |
| BB | 3565 | N4 | Rel-6 | N | Mp (MRFC - MRFP) interface protocol definitions | IMS-CCR-Mp | | 07/10/2002 08:00 | 12/12/2003 17:00 | 10% | No | No | | 27/11/2002 KK: WID approved at CN#18 (NP-020601)... | David Sanders, Vodafone |
| BB | 3561 | S1 | Rel-6 | N | Study of subscriber and operators relationship in IMS and related ISIM requirements for Rel 6" | | | 15/11/2002 08:00 | 12/12/2002 17:00 | 100% | No | No | | | Juha Kalliokulju (Nokia) juha.kalliokulju@nokia.com |
| BB | 3598 | S3 | Rel-6 | N | Lawful Interception in the 3GPP Rel-6 architecture | SEC1-LI | TSG | 09/12/2002 08:00 | 18/12/2003 17:00 | 10% | No | No | 33.106, 33.107, 33.108 | | Berthold Wilhelm Berthold.Wilhelm@REGTP.DE |
| BB | 3675 | S1 | Rel-6 | N | IMS Subscription and access scenarios | | | 16/12/2002 08:00 | 13/06/2003 17:00 | 58% | No | No | 22.800 | | |
| F | 3485 | S2 | Rel-6 | N | Interoperability and Commonality between IMS using different "IP-connectivity Networks" | IMSCO OP | TSG | 16/09/2002 08:00 | 12/12/2003 17:00 | 42% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|---------|------------|------------------|------------------|--------|---------|----------|----------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3543 | S2 | Rel-6 | N | Stage 2 for Interoperability | | | 16/09/2002 08:00 | 19/09/2003 17:00 | 79% | No | No | | | Balazs Beternyi, Nokia |
| BB | 3705 | S2 | Rel-6 | N | Stage 2 for commonality | | | 16/09/2002 08:00 | 19/09/2003 17:00 | 100% | No | No | | | Balazs Beternyi, Nokia |
| BB | 3542 | N1 | Rel-6 | N | Stage 3 | | | 14/10/2002 08:00 | 12/12/2003 17:00 | 0% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| F | 1365 | S1 | Rel-6 | N | Support of Push Services | PUSH | TSG | 03/01/2001 08:00 | 26/12/2003 17:00 | 48% | Yes | Yes | | AS: Changed from FS to actual support of Push | Yoshinori Kitada, NTT Comware |
| BB | 2626 | S1 | Rel-6 | N | Stage 1 | | | 03/01/2001 08:00 | 14/06/2002 17:00 | 100% | No | No | | | |
| BB | 2627 | S2 | Rel-6 | N | TR on feasibility study | | | 03/01/2001 08:00 | 07/09/2001 17:00 | 100% | No | No | | Stage 2 on hold, waiting for requirements. | |
| BB | 3472 | S2 | Rel-6 | N | TR 23.976 on Push Architecture | | | 11/11/2002 08:00 | 26/12/2003 17:00 | 58% | No | No | | | Nick Alfano, RIM |
| F | 3518 | T2 | Rel-6 | N | Multimedia Messaging (MMS) enhancements | MMS6 | TSG | 15/08/2002 08:00 | 10/03/2004 17:00 | 32% | No | Yes | | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| BB | 3519 | S1 | Rel-6 | N | Definition of service requirements | MMS6-SR | | 15/11/2002 08:00 | 20/12/2003 17:00 | 75% | No | No | 22.140 | | |
| WT | 3562 | S1 | Rel-6 | N | Definition of service requirements charging | | | 15/11/2002 08:00 | 20/12/2003 17:00 | 75% | No | No | 22.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| BB | 3520 | T2 | Rel-6 | N | Technical realization | | | 15/08/2002 08:00 | 10/12/2003 17:00 | 20% | No | No | 23.140 | | Josef Laumen, Siemens Josef.Laumen@SAL.SIEMENS.DE |
| BB | 3521 | T2 | Rel-6 | N | OMA dependencies | | | 15/08/2002 08:00 | 10/03/2004 17:00 | 0% | No | No | | | |
| BB | 3522 | S4 | Rel-6 | N | MMS formats and codecs | | | 15/08/2002 08:00 | 18/12/2003 17:00 | 20% | No | No | 26.140 | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|--|-------|----|-------|-------|---|--------------|------------|------------------|------------------|--------|---------|----------|--------------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3117 | T2 | Rel-6 | N | Rel-6 MExE enhancements | MEXE6 | TSG | 08/03/2002 08:00 | 06/06/2003 17:00 | 100 % | No | Yes | | | |
| BB | 3118 | T2 | Rel-6 | N | MExE Rel-6 Improvements and Investigations | MEXE6-ENHANC | TSG | 08/03/2002 08:00 | 12/03/2003 17:00 | 100 % | No | Yes | 22.057, 23.057 | | Lars Brenk (TTPCom) lsb_ttpcom@HOTMAIL.COM |
| BB | 3119 | T2 | Rel-6 | N | MExE Run-Time Independent Framework Feasibility Study | MEXE6-RTIF | TSG | 08/03/2002 08:00 | 06/06/2003 17:00 | 100 % | No | Yes | 22.857 | | Aaron Cohen (Intel) Aaron.Cohen@intel.com |
| F | 2062 | S5 | Rel-6 | N | Subscription Management | SM | TSG | 29/12/2000 08:00 | 19/03/2004 17:00 | 60% | No | Yes | 32.140/1, 32.171/2 | az: TSG appr. 9/03=>3/04. New TSs 32.171/2. Changed Rapp: Michael Eder (Nokia)=> Istvan ABA (T-Mobile Austria). | Istvan ABA (T-Mobile Austria) istvan.aba@t-mobile.at |
| F | 2499 | S1 | Rel-6 | N | Support of Presence Capability | PRESNC | TSG | 19/03/2001 08:00 | 19/12/2003 17:00 | 72% | No | No | | A Sultan merged "Presence Service Enhancements" (UID31028, PRES1) to this feature as no answer was provided on why Presence and Presence Encmts had same target completion date | Mark Cataldo, Motorola |
| BB | 2501 | S1 | Rel-6 | N | Stage 1 | | | 19/03/2001 08:00 | 18/07/2003 17:00 | 95% | No | No | | | |
| BB | 2502 | S2 | Rel-6 | N | Stage 2 | | TSG | 12/09/2001 08:00 | 20/09/2002 17:00 | 100 % | No | No | | | |
| BB | 3703 | N1 | Rel-6 | N | Stage 3 | | | 01/04/2002 08:00 | 19/12/2003 17:00 | 65% | No | No | | | Keith Drage, Lucent drage@lucent.com |
| BB | 3687 | S4 | Rel-6 | N | Media Codecs and Formats for IMS Messaging and Presence | COFIMP | TSG | 12/06/2003 08:00 | 18/12/2003 17:00 | 10% | No | No | TS 26.141 | Also for 31022 IMS Messaging | Harri Honko (Nokia) harri.honko@nokia.com |
| BB | 2504 | S3 | Rel-6 | N | Security issues | | | 26/08/2002 08:00 | 12/12/2002 17:00 | 20% | No | No | | LSs handled in SA3. WID approved SA#17 Contribution at S3#25 & following e-mail discussion. | |
| BB | 2505 | T3 | Rel-6 | N | USIM issues | | | 04/03/2002 08:00 | 20/06/2002 17:00 | 0% | No | No | | | |
| F | 3159 | GP | Rel-6 | N | Enhanced A/Gb feasibility study | AGbEnFS | TSG | 30/08/2002 08:00 | 08/11/2002 17:00 | 78% | No | No | | Closed | J-L Carrizo, Vodafone jose-luis.carrizo@vodafone.co.uk |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------------|-----------|--------------|----------|--|--------------------|------------|------------------|------------------|--------|---------|----------|----------------|---------------------------------|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3160 | G2 | Rel-6 | N | Feasibility study on A/Gb enhancements | AGbEnF S-FS | TSG | 30/08/2002 08:00 | 08/11/2002 17:00 | 78% | No | No | | | |
| WT | 3486 | GP | Rel-6 | N | Requirements for the support of conversational services | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| WT | 3553 | GP | Rel-6 | N | Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| WT | 3554 | GP | Rel-6 | N | Outline of impact and feasibility of these building blocks and their different solutions | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| WT | 3487 | G2 | Rel-6 | N | Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 0% | No | No | | | |
| WT | 3488 | G2 | Rel-6 | N | Outline of impact and feasibility of these building blocks and their different solutions | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 0% | No | No | | | |
| WT | 3489 | GP | Rel-6 | N | Impact on 3GPP architecture and requirement to co-ordinate with other TSGs (CN, SA) | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| WT | 3490 | GP | Rel-6 | N | Standardisation effort | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| WT | 3491 | GP | Rel-6 | N | Dependency to other features | | | 30/08/2002 08:00 | 08/11/2002 17:00 | 100% | No | No | | | |
| F | 3166 | GP | Rel-6 | N | Flexible Layer One for GERAN | FLOGER | TSG | 03/01/2000 08:00 | 30/01/2004 17:00 | 38% | No | No | | Nokia, Ericsson, Siemens, Telia | Benoist Sébire benoist.sebire@nokia.com |
| BB | 3167 | GP | Rel-6 | N | Realisation of a Flexible Layer One | FLOGER-Real | | 03/01/2000 08:00 | 21/11/2003 17:00 | 58% | No | No | | Started | Benoist Sébire benoist.sebire@nokia.com |
| WT | 3168 | GP | Rel-6 | N | Technical Report | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| WT | 3169 | G1 | Rel-6 | N | Architecture in 45.001 and 43.051 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| WT | 3170 | G1 | Rel-6 | N | Multiplexing in 45.002 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| WT | 3171 | G1 | Rel-6 | N | Channel Coding in 45.003 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| WT | 3172 | G1 | Rel-6 | N | Performance Requirements in 45.005 | | | 03/01/2000 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------------|---------------|--------------|----------|---|-----------------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3173 | G1 | Rel-6 | N | Radio subsystem link control in 45.008 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| WT | 3174 | G2 | Rel-6 | N | Requirements in 44.004 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 65% | No | No | | | |
| BB | 3175 | G2 | Rel-6 | N | Signalling and protocol support for a Flexible Layer One | FLOGER-SigPro | | 19/04/2002 08:00 | 21/11/2003 17:00 | 30% | No | No | | Started | Benoist Sébire benoist.sebire@nokia.com |
| WT | 3176 | G2 | Rel-6 | N | Modifications to RLC/MAC in 44.060 and 44.160 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 30% | No | No | | | |
| WT | 3177 | G2 | Rel-6 | N | Modifications to RRC in 44.118 and 44.018 | | | 19/04/2002 08:00 | 21/11/2003 17:00 | 30% | No | No | | | |
| BB | 3178 | S3, G2 | Rel-6 | N | Security for a Flexible Layer One | FLOGER-SecFLO | | 19/04/2002 08:00 | 29/08/2003 17:00 | 52% | No | No | | Started | Benoist Sébire benoist.sebire@nokia.com |
| WT | 3179 | S3, G2 | Rel-6 | N | Ciphering in 44.160,44.118, 44.060 and 44.018 | | | 19/04/2002 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| BB | 3180 | G4;G5 | Rel-6 | N | GERAN MS Conformance test for the Flexible Layer One | FLOGER-Msconf | | 22/11/2002 13:00 | 30/01/2004 17:00 | 0% | No | No | | Not started | Benoist Sébire benoist.sebire@nokia.com |
| WT | 3181 | G4;G5 | Rel-6 | N | MS Test in 51.010 | | | 22/11/2002 13:00 | 30/01/2004 17:00 | 0% | No | No | | | |
| BB | 3182 | G3 | Rel-6 | N | GERAN BTS Conformance test for the Flexible Layer One | FLOGER-BTSconf | | 19/04/2002 08:00 | 30/01/2004 17:00 | 0% | No | No | | Not started | Benoist Sébire benoist.sebire@nokia.com |
| WT | 3492 | G3 | Rel-6 | N | BTS Test in 51.021 | | | 19/04/2002 08:00 | 30/01/2004 17:00 | 0% | No | No | | | |
| F | 2797 | GP | Rel-6 | N | Uplink TDOA feasibility study | TDOAF | | 30/11/2001 08:00 | 28/06/2002 17:00 | 100% | No | No | 45.811 | | Bob Gross, TruePosition, Inc. rlgross@trueposition.com |
| F | 2544 | S1 | Rel-6 | N | Multimedia Broadcast and Multicast Service | MBMS | TSG | 11/05/2001 08:00 | 19/03/2004 17:00 | 24% | No | No | | Title renamed at SA#13 | |
| BB | 2545 | S1 | Rel-6 | N | Stage 1 | | | 11/05/2001 08:00 | 01/04/2002 17:00 | 100% | No | No | 22.146, 22.101 | This may or may not be a separate stage 1. In the meantime, CRs are proposed for 22.101 | |
| BB | 2680 | S2 | Rel-6 | N | Stage 2 | | TSG | 24/09/2001 08:00 | 31/12/2003 17:00 | 60% | No | No | | | |
| WT | 3473 | S2 | Rel-6 | N | TR on Architectural Study | | | 24/09/2001 08:00 | 23/08/2002 17:00 | 100% | No | No | | | |
| WT | 3474 | S2 | Rel-6 | N | Stage 2 Specification Work | | | 19/08/2002 08:00 | 31/12/2003 17:00 | 85% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|------------|------------|------------------|------------------|--------|---------|----------|------------------------------|--------------------|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2481 | R2 | Rel-6 | N | Introduction of MBMS in RAN | MBMS-RAN | TSG | 01/01/2002 08:00 | 19/03/2004 17:00 | 20% | No | No | | | Juho Pirskanen , Nokia juho.pirskanen@nokia.com |
| BB | 3212 | N1 | Rel-6 | N | Support of the MBMS in CN protocols | | TSG | 18/06/2002 08:00 | 12/12/2003 17:00 | 10% | No | No | | | |
| BB | 3530 | S3 | Rel-6 | N | Security Aspects of Multimedia Broadcast/Multicast Service (MBMS) | MBMS | TSG | 01/07/2002 08:00 | 28/02/2003 17:00 | 20% | No | No | | WID approved SA#17 | Escott, Adrian, Hutchison 3G UK adrian.escott@hutchison3g.com |
| BB | 3493 | GP | Rel-6 | N | Support of MBMS in GERAN | MBMS-GERAN | TSG | 30/08/2002 08:00 | 06/02/2004 17:00 | 14% | No | No | | | |
| WT | 3494 | GP | Rel-6 | N | Impact on the logical and physical channels | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3495 | G1 | Rel-6 | N | Simultaneous support of MBMS services | | | 30/08/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| WT | 3496 | G1 | Rel-6 | N | Simultaneous support of MBMS and non-MBMS services | | | 30/08/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| WT | 3497 | G2 | Rel-6 | N | Re-synchronisation at cell change | | | 30/08/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| WT | 3498 | GP | Rel-6 | N | Decision making process between point-to-point or pont-to-multipoint configurations | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3499 | GP | Rel-6 | N | MBMS channel allocations procedures to multiple MSs | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3500 | GP | Rel-6 | N | Changes to the Gb interface | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3501 | GP | Rel-6 | N | GERAN specific changes to the lu-ps interface | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3502 | GP | Rel-6 | N | Interaction between MBMS and lu-flex | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3503 | GP | Rel-6 | N | Security aspects | | | 30/08/2002 08:00 | 06/02/2004 17:00 | 20% | No | No | | | |
| WT | 3504 | G5 | Rel-6 | N | MS conformance tests | | | 30/08/2002 08:00 | 27/06/2003 17:00 | 0% | No | No | | | |
| F | 2732 | S1 | Rel-6 | N | Speech Recognition and Speech Enabled Services | SRSES | TSG | 08/10/2001 08:00 | 30/04/2004 17:00 | 32% | No | No | | | |
| BB | 2733 | S1 | Rel-6 | Y | Speech Enabled Services Based on Distributed Speech Recognition (DSR) | DSR | TSG | 08/10/2001 08:00 | 15/03/2002 17:00 | 95% | No | No | 22.941, 23.207, 22.243 | | D Williams, QUALCOMM, Inc. Dwilliams@qualcomm.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|-------------|------------|---------------------|---------------------|--------|---------|----------|------------------------------|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2779 | S2 | Rel-6 | N | TR on Architectural impacts | | | 12/05/2003 08:00 | 30/04/2004 17:00 | 25% | No | No | | | |
| BB | 2780 | N1 | Rel-6 | N | SES codec negotiation at SDP | | | 23/09/2002 08:00 | 04/06/2003 17:00 | 0% | No | No | | renamed according to Hannu's indication | |
| BB | 3574 | S4 | Rel-6 | N | Codec Work to Support Speech Recognition Framework for Automated Voice Services | SRSES-Codec | WG | 15/10/2002 08:00 | 26/09/2003 17:00 | 35% | No | No | 22.243 | | David Pearce, Motorola bdp003@motorola.com |
| F | 2734 | S1 | Rel-6 | N | Generic User Profile | GUP | TSG | 08/10/2001 08:00 | 12/12/2003 17:00 | 41% | No | No | | | |
| BB | 2735 | S1 | Rel-6 | N | Stage 1 - Requirements | | | 08/10/2001 08:00 | 30/05/2003 17:00 | 88% | No | No | 22.240, 22.228 | | Paul Amery (Orange) paul.amery@orange.co.uk |
| BB | 2736 | T2 | Rel-6 | N | Stage 2 - Data Description Method | | WG | 08/10/2001 08:00 | 10/12/2003 17:00 | 20% | No | No | 23.241 | | Kurt Bischinger (T-Mobile AUSTRIA) kurt.bischinger@t-mobile.at |
| BB | 2737 | S2 | Rel-6 | N | Stage 2 - Architecture | | | 28/01/2002 08:00 | 06/06/2003 17:00 | 100% | No | No | 23.240 | | Nacho Uzquiano (Telefonica) uzquiano_ji@tsm.es |
| BB | 2738 | T2 | Rel-6 | N | Stage 3 - Common objects | | WG | 08/10/2001 08:00 | 10/12/2003 17:00 | 10% | No | No | 24.241 | | |
| BB | 3088 | N4 | Rel-6 | N | Stage 3 - Network | | | 19/05/2003 08:00 | 12/12/2003 17:00 | 15% | No | No | 29.240 | 17 May no activity in CN4... | |
| BB | 3531 | S3 | Rel-6 | N | Security Aspects | | WG | 16/07/2002 08:00 | 18/09/2003 17:00 | 15% | No | No | 33.102, 33.203, 33.210 | WID approved SA#17. SA WG3 progress slow, depends on progress in other groups. | Owen, Bradley bvowen@lucent.com |
| F | 2761 | S1 | Rel-6 | N | Digital Rights Management | DRM | TSG | 08/10/2001 08:00 | 21/03/2003 17:00 | 49% | No | No | | Foreseen start and completion dates introduced by MCC (no indication at all on the WID) | |
| BB | 2762 | S1 | Rel-6 | N | Requirements | | | 08/10/2001 08:00 | 13/06/2002 17:00 | 100% | No | No | | | Nicholas Wood, Openwave Systems nicholas.wood@openwave.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|----------|------------|------------------|------------------|--------|---------|----------|--|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3591 | S1 | Rel-6 | N | Monitoring of Stages 2 and 3 progress (actual work to be done by OMA) | | | 19/08/2002 08:00 | 21/03/2003 17:00 | 0% | No | No | | | |
| BB | 2764 | S3 | Rel-6 | N | Security | | | 17/06/2002 08:00 | 03/03/2003 17:00 | 40% | No | No | | SA3 acknowledge role in WI at SA3#20. Active contribution S3#24, S3#25. S3 WID approved SA#17 | |
| F | 2767 | S1 | Rel-6 | N | WLAN-UMTS Interworking | WLAN | TSG | 03/01/2000 08:00 | 31/12/2003 17:00 | 79% | No | No | | | Fredric Paint, Telenor fredric.paint@telenor.com |
| BB | 2820 | S1 | Rel-6 | N | Technical Report | WLAN-TR | | 03/01/2000 08:00 | 13/06/2003 17:00 | 99% | No | No | 22.934, 22.101, 22.105 | | Fredric Paint, Telenor fredric.paint@telenor.com |
| BB | 3563 | S1 | Rel-6 | N | CRs to implement WLAN | WLAN-CR | | 03/01/2000 08:00 | 13/06/2003 17:00 | 85% | No | No | 22.934, 22.101, 22.105, 22.115 | | Fredric Paint, Telenor fredric.paint@telenor.com |
| BB | 3130 | S2 | Rel-6 | N | Architecture Definition | | TSG | 25/03/2002 08:00 | 31/12/2003 17:00 | 86% | No | No | | | |
| BB | 3475 | S3 | Rel-6 | N | Security | | TSG | 30/09/2002 08:00 | 21/03/2003 17:00 | 30% | No | No | 21.133, 33.106, 33.107, 33.108, 33.200, 33.203, 33.210 | Active contribution S3#24, S3#25. WID approved SA#17 | Lopez-Soria, Luis, Ericsson luis.lopez-soria@ece.ericsson.se |
| BB | 3662 | N4 | Rel-6 | N | Stage 3 - CN4 aspects | WLAN-IW | TSG | 23/05/2003 08:00 | 12/12/2003 17:00 | 15% | No | No | 29.234, 29.061 | WID approved at CN#19... | Rodriguez ,Raquel, Nokia raquel.rodriguez@nokia.com |
| BB | 3678 | N1 | Rel-6 | N | WLAN interworking-stage 3 | | WG | 23/05/2003 08:00 | 12/12/2003 17:00 | 2% | No | No | | | |
| F | 2822 | S1 | Rel-6 | N | Priority Service | PRIOR | TSG | 30/05/2002 08:00 | 26/09/2003 17:00 | 52% | No | No | | | |
| BB | 2823 | S1 | Rel-6 | N | Feasibility Study | PRIOR-FS | | 14/06/2002 08:00 | 14/06/2002 17:00 | 100% | No | No | 22.950 | | Biplab K. Pramanik, Telcordia Technologies bpramani@telcordia.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|-----------|------------|---------------------|---------------------|--------|---------|----------|---|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 2824 | S1 | Rel-6 | N | Stage 1 - Requirements | PRIOR-SR | | 30/05/2002 08:00 | 17/09/2003 17:00 | 85% | No | No | | | James J. Garrahan, Telcordia Technologies bpramani@telcordia.com |
| BB | 3674 | S1 | Rel-6 | N | Priority Multimedia Service | | | 28/03/2003 08:00 | 26/09/2003 17:00 | 0% | No | No | | | |
| BB | 3680 | S1 | Rel-6 | N | Priority service implementation guide | | | 28/03/2003 08:00 | 26/09/2003 17:00 | 20% | No | No | 22.952 | | Biplab K. Pramanik, Telcordia Technologies bpramani@telcordia.com |
| F | 2825 | S1 | Rel-6 | N | Network Sharing | NTShar | TSG | 20/01/2003 08:00 | 19/12/2003 17:00 | 66% | No | No | | | |
| BB | 2826 | S1 | Rel-6 | N | Technical Report | NTShar-TR | | 20/01/2003 08:00 | 19/12/2003 17:00 | 99% | No | No | 22.951 | | |
| BB | 3638 | S1 | Rel-6 | N | Stage 1 - CRs to implement Network Sharing | NTShar-CR | | 20/01/2003 08:00 | 19/12/2003 17:00 | 95% | No | No | 22.011, 22.101, 22.115, 22.129 | | |
| BB | 3664 | S2 | Rel-6 | N | Stage 2 | | | 27/02/2003 08:00 | 19/12/2003 17:00 | 43% | No | No | | | |
| BB | 3679 | N1 | Rel-6 | N | Network sharing - stage 3 | | WG | 23/05/2003 08:00 | 12/12/2003 17:00 | 0% | No | No | | | |
| F | 2811 | S2 | Rel-6 | Y | QoS Improvements | QoS1 | TSG | 15/07/2002 08:00 | 19/12/2003 17:00 | 64% | No | No | | | |
| BB | 2812 | S2 | Rel-6 | N | FS on Dynamic Policy control enhancements for end-to-end QoS | QoS1 | TSG | 15/07/2002 08:00 | 19/12/2003 17:00 | 75% | No | No | | | Claire Mousset, Nortel |
| BB | 3701 | S2 | Rel-6 | N | Definition of the Gq interface | | | 01/07/2003 08:00 | 19/12/2003 17:00 | 30% | No | No | | | Janne Rinne (Nokia) |
| F | 2814 | S3 | Rel-6 | N | Support for subscriber certificates | SEC1-SC | TSG | 25/02/2002 08:00 | 14/11/2002 17:00 | 49% | No | No | 33.102 | Approved at SA#14. This may require BBs from CN1, CN4, SA5 and T3 | Valtteri Niemi, Nokia valtteri.niemi@nokia.com |
| BB | 3476 | S3 | Rel-6 | N | Stage 1 | | | 25/02/2002 08:00 | 12/09/2002 17:00 | 40% | No | No | | Contribution received S3#24, S3#25 | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|---|---------|------------|------------------|------------------|--------|---------|----------|------------------------|--|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur | |
| BB | 3477 | S2 | Rel-6 | N | Architecture review | | | 14/10/2002 08:00 | 14/11/2002 17:00 | 100 % | No | No | | | | |
| F | 3101 | S1 | Rel-6 | N | Rel-6 OSA enhancements | OSA3 | TSG | 27/02/2002 16:12 | 26/03/2004 17:00 | 38% | No | No | 22.127, 29.198, 29.998 | NP-030036 Rev WID replaces SP-020573. | Chelo ABARCA (Alcatel) Chelo.Abarca@alcatel.fr | |
| BB | 3673 | S1 | Rel-6 | N | Scope of the Open Service Access Release 6 | | TSG | 28/03/2003 08:00 | 27/06/2003 17:00 | 90% | No | No | | | | |
| BB | 3107 | S1 | Rel-6 | N | User Data Management / User data security management (Stage 1) | | TSG | 27/02/2002 16:12 | 06/01/2003 13:50 | 100 % | No | No | 22.127 | | | |
| BB | 3482 | N5 | Rel-6 | N | User Data Management / User data security management (Stage 3) | | TSG | 14/03/2002 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: No support from SA2. | | |
| BB | 3566 | N5 | Rel-6 | N | Retrieval of Visited Network capabilities | | TSG | 31/10/2002 08:00 | 19/12/2003 17:00 | 60% | No | No | 29.198, 29.998 | | | |
| BB | 3567 | N5 | Rel-6 | N | Access to IP Session information | | TSG | 31/10/2002 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: No support from SA2. | | |
| BB | 3568 | N5 | Rel-6 | N | Multi Media Messaging function | | TSG | 31/10/2002 08:00 | 26/03/2004 17:00 | 50% | No | No | 29.198, 29.998 | N5#24: Completion 60%->50%. Completion 12/03->03/04. | | |
| BB | 3569 | N5 | Rel-6 | N | Enhanced user privacy in LCS | | TSG | 31/10/2002 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: No contributions. N5 suggests SA1 to remove requirement | | |
| BB | 3570 | N5 | Rel-6 | N | Policy management extensions | | TSG | 31/10/2002 08:00 | 26/03/2004 17:00 | 40% | No | No | 29.198, 29.998 | N5#24: Completion 60%->40%. Completion 12/03->03/04. | | |
| BB | 3571 | N5 | Rel-6 | N | Presence and Availability Management (from the PRESNC WI) | | TSG | 31/10/2002 08:00 | 26/03/2004 17:00 | 40% | No | No | 29.198, 29.998 | N5#24: Completion 60%->40%. Completion 12/03->03/04. | | |
| BB | 3644 | N5 | Rel-6 | N | OSA interfaces at different levels of abstractions (Parlay X, Web services) | | TSG | 14/03/2003 08:00 | 26/03/2004 17:00 | 80% | No | No | 29.199 | N5#24: Completion 40%->80%. Completion 12/03->03/04. | | |
| BB | 3645 | N5 | Rel-6 | N | Introduction of migration support mechanism | | TSG | 14/03/2003 08:00 | 19/12/2003 17:00 | 90% | No | No | 29.198, 29.998 | N5#24: Completion 60%->90%. | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--------------------------------------|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3646 | N5 | Rel-6 | N | User Profile | | TSG | 14/03/2003 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: No contributions. N5 suggests SA1 to remove requirement | |
| BB | 3647 | N5 | Rel-6 | N | Network functions for end-user/application interaction support | | TSG | 14/03/2003 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: SA1 requirement may disappear | |
| BB | 3648 | N5 | Rel-6 | N | Framework Function for Federation | | TSG | 14/03/2003 08:00 | 19/12/2003 17:00 | 90% | No | No | 29.198, 29.998 | N5#24: Completion 60%->90%. N5 believes that current FW supports this requirement without changes. | |
| BB | 3649 | N5 | Rel-6 | N | Enhancements to IP Session Function in OSA for the control and monitor of IP Flows | | TSG | 14/03/2003 08:00 | 19/12/2003 17:00 | 0% | No | No | 29.198, 29.998 | N5#24: Completion 60%->0%. Reason: No reply from SA1, SA2 | |
| F | 3240 | GP | Rel-6 | N | Addition of frequency bands to GSM | TAPS | TSG | 28/06/2002 08:00 | 21/11/2003 17:00 | 7% | No | No | | | Torben Thomsen |
| BB | 3241 | G1 | Rel-6 | N | Addition of frequency bands to GSM – Changes to core specs | TAPS-Specs | TSG | 15/11/2002 08:00 | 20/12/2002 17:00 | 100% | No | No | | Ready | Torben Thomsen |
| WT | 3242 | G1 | Rel-6 | N | Changes to core specs | | | 15/11/2002 08:00 | 20/12/2002 17:00 | 100% | No | No | | | |
| BB | 3243 | G4 | Rel-6 | N | Addition of frequency bands to GSM – Changes for conformance tests | TAPS-Conf | | 28/06/2002 08:00 | 21/11/2003 17:00 | 0% | No | No | | Not started | Torben Thomsen |
| WT | 3244 | G4 | Rel-6 | N | 51.010-1 Add testing | | | 28/06/2002 08:00 | 21/11/2003 17:00 | 0% | No | No | | | |
| F | 3505 | GP | Rel-6 | N | Seamless support of streaming services in A/Gb mode | SSSstrea | TSG | 03/01/2000 08:00 | 30/01/2004 17:00 | 66% | No | No | | | José Luis Carrizo Martínez, Vodafone |
| BB | 3506 | G1 | Rel-6 | N | Identification of requirements for streaming | | | 27/06/2003 08:00 | 29/08/2003 17:00 | 51% | No | No | | Started | |
| WT | 3604 | G1 | Rel-6 | N | Requirements | | | 27/06/2003 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| BB | 3507 | G1 | Rel-6 | N | Performance study of cell change mechanisms | | | 03/01/2000 08:00 | 29/08/2003 17:00 | 75% | No | No | | Started | |
| WT | 3605 | G1 | Rel-6 | N | Performance of NACC | | | 03/01/2000 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| WT | 3606 | G1 | Rel-6 | N | Performance of cell change in DTM for the PS domain | | | 03/01/2000 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------------|--------------|--------------|----------|--|----------------|------------|------------------|------------------|--------|---------|----------|----------------|---|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| WT | 3607 | G1 | Rel-6 | N | Handover | | | 03/01/2000 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| BB | 3508 | G2 | Rel-6 | N | Reduction of service interruption times and packet loss during mobility procedures | | | 27/06/2003 08:00 | 21/11/2003 17:00 | 31% | No | No | | Started | |
| WT | 3608 | G2 | Rel-6 | N | Optimisations of existing mechanisms/procedures | | | 27/06/2003 08:00 | 21/11/2003 17:00 | 39% | No | No | | | |
| WT | 3609 | G2 | Rel-6 | N | Inter-system NACC | | | 27/06/2003 08:00 | 21/11/2003 17:00 | 39% | No | No | | | |
| WT | 3610 | G2 | Rel-6 | N | PS Handover (within GERAN and between GERAN and UTRAN) | | | 27/06/2003 08:00 | 21/11/2003 17:00 | 39% | No | No | | | |
| WT | 3611 | G2 | Rel-6 | N | Dependency to other features | | | 27/06/2003 08:00 | 21/11/2003 17:00 | 39% | No | No | | | |
| BB | 3510 | G4,G5 | Rel-6 | N | MS conformance testing | | | 19/12/2003 08:00 | 30/01/2004 17:00 | 0% | No | No | | Not started | |
| WT | 3612 | G4,G5 | Rel-6 | N | MS conformance tests | | | 19/12/2003 08:00 | 30/01/2004 17:00 | 0% | No | No | | | |
| BB | 3599 | S3 | Rel-6 | N | GERAN A/Gb mode security enhancements | | | 26/09/2002 08:00 | 25/09/2003 17:00 | 10% | No | No | 33.102 | Possible changes to 33.102 or new specification needed. | Peter Howard, Vodafone peter.howard@vodafone.com |
| F | 3512 | S4 | Rel-6 | N | Performance characterisation of default codecs for PS conversational multimedia application | CODCAR | TSG | 13/09/2002 08:00 | 26/09/2003 17:00 | 35% | No | No | TR 26.9yz | | Pasi Ojala (Nokia) pasi.s.ojala@nokia.com |
| F | 3532 | S1 | Rel-6 | N | Study of Feature Interactions Requirements | FINTER | TSG | 08/11/2002 08:00 | 03/03/2003 17:00 | 20% | No | No | TR 21.xyz | | |
| F | 3533 | S1 | Rel-6 | N | Study on Privacy Capability | PrivCap | TSG | 08/11/2002 08:00 | 03/03/2003 17:00 | 15% | No | No | TR 21.xyz | | Liz Daniel, Lucent |
| F | 3535 | S5 | Rel-6 | N | OAM&P | OAM | TSG | 21/05/2002 14:36 | 31/03/2004 17:00 | 25% | No | No | 32-series | | Michael TRUSS (Motorola) Michael.Truss@MOTOROLA.COM |
| BB | 3536 | S5 | Rel-6 | N | Principles, high level Requirements and Architecture | OAM-AR | TSG | 12/09/2002 08:00 | 18/03/2004 17:00 | 45% | No | Yes | 32.101, 32.102 | | Michael TRUSS (Motorola) Michael.Truss@MOTOROLA.COM |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|-----|-------|-------|--|---------------|------------|------------------|------------------|--------|---------|----------|----------------|--|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| BB | 3537 | S5 | Rel-6 | N | Performance Management | OAM-PM | TSG | 12/09/2002 08:00 | 18/03/2004 17:00 | 40% | No | No | 32.41x, 52.402 | | Christian TOCHE (Nortel Networks) toche@NORTELNETWORKS.COM |
| BB | 3538 | S5 | Rel-6 | N | User Equipment Management | OAM-UEM | TSG | 21/05/2002 14:36 | 18/03/2004 17:00 | 14% | No | No | 32.150 | az: No role for T2. SA5 awaiting progress in OMA. Rapp resigned: John Mudge (Vodafone) | |
| WT | 3581 | S5 | Rel-6 | N | UEM requirements and architecture; Stages 1 and 2 | | TSG | 12/09/2002 08:00 | 18/03/2004 17:00 | 30% | No | No | 32.150 (SA5) | az: Rapp resigned: John Mudge (Vodafone) | |
| WT | 3681 | OMA | Rel-6 | N | UEM protocol specification; Stage 3 | | TSG | 21/05/2002 14:36 | 25/09/2003 17:00 | 0% | No | No | 27.150 (T2) | az: No role for T2/T (work to be done in OMA) | |
| WT | 3592 | S3 | Rel-6 | N | Release 6 User Equipment Management: Security aspects | OAM-UEM-SEC | TSG | 01/08/2002 08:00 | 25/09/2003 17:00 | 10% | No | No | | | Peter Howard (Vodafone) peter.howard@vodafone.com |
| BB | 3539 | S5 | Rel-6 | N | Network Infrastructure Management | OAM-NIM | TSG | 12/09/2002 08:00 | 18/03/2004 17:00 | 35% | No | No | 32.6xy, 32.3xy | | Thomas TOVINGER (Ericsson) Thomas.Tovinger@emw.ericsson.se |
| BB | 3540 | S5 | Rel-6 | N | Trace Management | OAM-Trace | TSG | 06/06/2003 08:00 | 31/03/2004 17:00 | 19% | No | No | 32.42x, 52.008 | | Christian TOCHE (Nortel Networks) toche@NORTELNETWORKS.COM |
| WT | 3685 | R3 | Rel-6 | N | Subscriber and equipment trace support in UTRAN | OAM-Trace-RAN | TSG | 06/06/2003 08:00 | 31/03/2004 17:00 | 15% | No | No | | | Yann Sehedic, Nortel sehedic@nortelnetworks.com |
| F | 3583 | S5 | Rel-6 | N | Charging Management | CH | TSG | 21/11/2002 08:00 | 18/03/2004 17:00 | 35% | No | No | 32.2xy | | Karl-Heinz NENNER (T-Mobile) karl-heinz.nenner@t-mobile.de |
| BB | 3584 | S5 | Rel-6 | N | Charging Management for Bearer level | CH-BC | TSG | 22/11/2002 08:00 | 18/03/2004 17:00 | 25% | No | No | | | Benni ALEXANDER (Nokia) |
| BB | 3585 | S5 | Rel-6 | N | Charging Management for the IMS | CH-IC | TSG | 22/11/2002 08:00 | 18/03/2004 17:00 | 25% | No | No | | | Ariel SHARON (Lucent) |
| BB | 3586 | S5 | Rel-6 | N | Charging Management for the Service domain | CH-SC | TSG | 22/11/2002 08:00 | 18/03/2004 17:00 | 25% | No | No | | | Gerald GÖRMER (Siemens) |
| BB | 3594 | S2 | Rel-6 | N | Overall architectural aspects of IP flow based bearer level charging | | | 21/11/2002 08:00 | 31/12/2003 17:00 | 70% | No | No | | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|----|-------|-------|--|------------------|------------|------------------|------------------|--------|---------|----------|--|---|---|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 1800 | T3 | Rel-6 | Y | Rel-6 UICC/USIM enhancements and interworking | USAT1 | TSG | 25/09/2000 08:00 | 08/12/2003 17:00 | 81% | No | No | | | |
| BB | 1802 | T3 | Rel-6 | Y | UICC API | USAT1-API | | 20/03/2002 08:00 | 08/12/2003 17:00 | 93% | No | No | | 8/3/2001: test spec is based on R99 core spec, so deleted from Workplan | |
| WT | 3195 | T3 | Rel-6 | N | Java API Test specification | | | 20/03/2002 08:00 | 10/06/2002 17:00 | 100% | No | No | | | Mario Pérez (Microelectrónica Española) |
| WT | 3470 | T3 | Rel-6 | N | Java API Test specification (TS 43.019 Rel-5) | | | 30/05/2002 08:00 | 09/06/2003 17:00 | 100% | No | No | | | Mario Pérez (Microelectrónica Española) |
| WT | 3715 | T3 | Rel-6 | N | 2G/3G Java Card™ API based applet interworking | USAT1-API | TSG | 17/03/2003 08:00 | 08/12/2003 17:00 | 80% | No | No | | | Stéphane Andrau-Oberthur Card Systems |
| BB | 3587 | T3 | Rel-6 | N | Rel-6 USIM toolkit enhancements | | | 25/09/2000 08:00 | 27/09/2002 17:00 | 71% | No | No | | | |
| WT | 3588 | T3 | Rel-6 | N | C SIM API | USAT1-API-MULTOS | TSG | 25/09/2000 08:00 | 27/09/2002 17:00 | 91% | Yes | Yes | | | |
| WT | 3589 | T3 | Rel-6 | N | Specification | | TSG | 25/09/2000 08:00 | 27/09/2002 17:00 | 100% | Yes | Yes | | | Neil Livingston – Aspects Software |
| WT | 3590 | T3 | Rel-6 | N | Test specification | | TSG | 01/01/2001 08:00 | 28/09/2001 17:00 | 100% | Yes | Yes | | | Neil Livingston – Aspects Software |
| F | 3579 | S4 | Rel-6 | N | Packet Switched Streaming Services Rel-6 | PSSrel6 | TSG | 18/11/2002 08:00 | 18/03/2004 17:00 | 44% | No | No | | | Olle Franceschi (Ericsson) Olle.Franceschi@emp.ericsson.se |
| BB | 3639 | S1 | Rel-6 | N | Stage 1 | | TSG | 18/11/2002 08:00 | 17/03/2003 17:00 | 80% | No | No | 22.233 | 2nd resp SA4 | |
| BB | 3663 | S4 | Rel-6 | N | Stage 3 | PSSrel6 | WG | 13/12/2002 08:00 | 18/03/2004 17:00 | 35% | No | No | 26.233, 26.234, 26.244, 26.245, 26.246 | | Olle Franceschi (Ericsson) Olle.Franceschi@emp.ericsson.se |
| F | 3661 | S3 | Rel-6 | N | Network Domain Security; Authentication Framework (NDS/AF) | SEC1-NDS-AF | TSG | 15/02/2002 08:00 | 19/12/2003 17:00 | 10% | No | No | | WID approved SA#19. Work started after FS approved SA#18 | Tommi Viitanen, Nokia tommi.viitanen@nokia.com |
| F | 3580 | S4 | Rel-6 | N | AMR-WB extension for high audio quality | AMRW B+ | TSG | 13/12/2002 08:00 | 18/03/2004 17:00 | 35% | No | No | | | Janne Vainio (Nokia) janne.m.vainio@nokia.com |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|--|---------------|------------|------------------|------------------|--------|---------|----------|----------------|-------------|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3613 | GP;G1 | Rel-6 | N | Single Antenna Receiver Interference Cancellation (SAIC) | SAIC | TSG | 15/11/2002 08:00 | 21/11/2003 17:00 | 60% | No | No | | | Marc Grant, Cingular Wireless |
| F | 3614 | GP | Rel-6 | N | Support of Conversational Services in A/Gb mode via the PS domain | SCSAGB | TSG | 07/02/2003 08:00 | 27/08/2004 17:00 | 6% | No | No | | | David Bladsjö, Ericsson |
| BB | 3615 | GP | Rel-6 | N | Creation of a TR | SCSAGB-TR | TSG | 07/02/2003 08:00 | 21/11/2003 17:00 | 40% | No | No | | | David Bladsjö, Ericsson |
| BB | 3616 | GP | Rel-6 | N | Stage 2 | SCSAGB-Stage2 | TSG | 21/11/2003 08:00 | 23/04/2004 17:00 | 0% | No | No | | Not started | David Bladsjö, Ericsson |
| BB | 3617 | GP | Rel-6 | N | Radio Channel Support | SCSAGB-RCS | TSG | 06/02/2004 08:00 | 27/08/2004 17:00 | 0% | No | No | | Not started | David Bladsjö, Ericsson |
| BB | 3618 | GP;G2 | Rel-6 | N | Definition of radio resource management functionality | SCSAGB-RRM | TSG | 06/02/2004 08:00 | 27/08/2004 17:00 | 0% | No | No | | Not started | David Bladsjö, Ericsson |
| BB | 3619 | GP | Rel-6 | N | PS Handover | SCSAGB-PSH | TSG | 06/02/2004 08:00 | 27/08/2004 17:00 | 0% | No | No | | Not started | David Bladsjö, Ericsson |
| BB | 3620 | GP;G2 | Rel-6 | N | Modifications to FLO | SCSAGB-FLO | TSG | 06/02/2004 08:00 | 27/08/2004 17:00 | 0% | No | No | | Not started | David Bladsjö, Ericsson |
| F | 3642 | S1 | Rel-6 | N | Enhancement of dialled service for CAMEL | EDCAM EL | TSG | 28/03/2003 08:00 | 19/09/2003 17:00 | 90% | No | No | | | Craig Bishop, Samsung Electronics Research Institute |
| BB | 3643 | N2 | Rel-6 | N | Stages 2 and 3 | | | 28/03/2003 08:00 | 19/09/2003 17:00 | 90% | No | No | | | |
| F | 3688 | S4 | Rel-6 | N | Definition of teleservice using Multimedia Broadcast/Multicast Service | TSMBS | TSG | 12/06/2003 08:00 | 18/03/2004 17:00 | 5% | No | No | | | Igor Curcio (Nokia) igor.curcio@nokia.com |
| F | 3702 | S2 | Rel-6 | N | Bandwidth and resource savings in CS networks | | | 23/06/2003 08:00 | 25/03/2004 17:00 | 20% | No | No | TR 23.977 | | |

| Extracted from 3GPP Work Plan: Version 2003 September 16th | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|--|------------------|------------|------------------|------------------|--------|---------|----------|----------------|-------------|--|
| F/BB/WT | WI ID | WG | Rel | Split | WI Name | Acronym | Appr Level | Start | End | % comp | WG Appd | TSG Appd | Impacted Specs | Notes | Rapporteur |
| F | 3704 | S3 | Rel-6 | N | FS on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces | | TSG | 03/07/2003 08:00 | 26/12/2003 17:00 | 0% | No | No | | | Raziq Yaqub, Toshiba America Research Inc. |
| F | 3706 | GP;G2 | Rel-6 | N | Multiple TBF in A/Gb mode | MULTBF | TSG | 05/04/2002 08:00 | 30/01/2004 17:00 | 74% | No | No | | | Gunnar Mildh, Ericsson |
| BB | 3707 | GP;G2 | Rel-6 | N | Multiple TBF in A/Gb mode | MULTBF - Agbmode | TSG | 05/04/2002 08:00 | 29/08/2003 17:00 | 94% | No | No | | | Gunnar Mildh, Ericsson |
| WT | 3708 | GP;G2 | Rel-6 | N | Multiple TBF Concept paper | | | 05/04/2002 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| WT | 3709 | GP;G2 | Rel-6 | N | Multiple TBF Stage 2 (43.064) CRs | | | 05/04/2002 08:00 | 29/08/2003 17:00 | 100% | No | No | | | |
| WT | 3710 | GP;G2 | Rel-6 | N | Multiple TBF Stage 3 (44.060) CRs | | | 05/04/2002 08:00 | 29/08/2003 17:00 | 100% | No | No | | Not started | |
| BB | 3711 | GP-G2 | Rel-6 | N | Multiple TBF in A/Gb mode – MS testing | MULTBF-Testing | TSG | 05/04/2002 08:00 | 30/01/2004 17:00 | 0% | No | No | | | Gunnar Mildh, Ericsson |
| F | 3712 | G3 | Rel-6 | N | Alignment between the test-regimes for GERAN capable MS | ALTERE | TSG | 29/08/2003 08:00 | 21/11/2003 17:00 | 0% | No | No | | | Toubassi, Ericsson |
| BB | 3713 | G3 | Rel-6 | N | Determine the controversial test cases in the different test regimes and align them with 3GPP GERAN test specifications. Such test cases to be added to TS 51.010. | ALTERE-TC | TSG | 29/08/2003 08:00 | 21/11/2003 17:00 | 0% | No | No | | | |