TSG-RAN meeting #14   RP-010725
Kyoto, Japan, 11-14 December 2001

Title: **Approved Report of the 13th TSG-RAN meeting**
                    (Beijing, China, 18-21 September 2001)
Document for: **Information**
Source: **3GPP support team**

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Executive summary

During TSG-RAN #13, a total of 226 documents were handled. For R'99 266 CRs were approved, for Rel-4 (only, not including Category A CRs following from R'99 CRs) an additional 94 CRs and for Rel-5 (again not including Category A CRs) an additional 11 CRs.

TSG-RAN decided that the WGs urgently needed to identify problems related to features that could not work together, or that were incomplete, and to start proposing solutions for the next TSG-RAN plenary. This would be an ongoing activity with highest priority for R'99.

It was reconfirmed that TSG-RAN's intention was to have only one vocabulary document, also valid for R'99, and that this was 21.905. Apparently this had been misunderstood, since currently only a Release 4 version of 21.905 existed.

WGs were reminded to provide full "isolated impact" analysis for the next TSG-RAN plenary, as it was sometimes missing from CRs presented for approval in this plenary. WGs were also reminded that editorial changes could and should be done without a CR, by MCC and that titles of CRs should be descriptive (no "Editorial corrections", "minor corrections" etc.).

In response to concerns from ARIB and TTC, the work split between TSG-RAN and TSG-GERAN was discussed. There was broad agreement, but it was decided to discuss the input document at the PCG/OP meeting also.

A large number of outputs were approved to be sent to ITU-R (WP8F) to ensure the timely incorporation of 3GPP material in ITU-R documentation (ITU-R M.1457).

TSG-RAN set a number of requirements for future status reports for the WIs and SIs. A template would be developed to facilitate this. Input documents on IMS were discussed, but most impact was not on TSG-RAN. The expected completion dates for all existing WIs and SIs were reviewed.
- The WI "Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning" was finished by approving the last TS (TS 25.452 on Iupc transport layer) and a number of CRs to existing specifications.
- It was clarified that the WI "RAB Quality of Service Negotiation over Iu during relocation" had in fact finished in TSG-RAN #11.
- The Stage 2 description for WI "HSDPA" was near-completed and approved (TR 25.855/TS 25.308).
    - A meeting with 3GPP2 was scheduled for 13-14 November to discuss harmonisation of HSDPA with 1EX DO and 1EX DV.
- The WIs "UMTS 1800" and "UMTS 1900" had not yet finished, but the related TS 25.307 on independent frequency bands was approved (for R'99 and Rel-4).
- A revision of the WI sheet for "Radio access bearer support enhancement" was approved to cover RFC 3095 context relocation in SRNS relocation.
- On signalling transport over IP, it was decided that TSG-RAN and TSG-CN would have a joint meeting before the next plenaries to resolve the remaining issue.
- WG2 and WG3 would have a joint session on the WI "Open Interface between the SMLC and the SRNC within the UTRAN to support Rel-4 methods" and the WI sheet was revised.
- The SI "Study for Improved Common DL Channel for Cell-FACH State" needed to reach a conclusion by the next plenary or would be deleted.
- The SI "Feasibility Study of UE antenna efficiency test methods" was finished and it was approved for WG4 to liaise with CTIA (pending PCG approval).
- On a number of SIs it was reconfirmed that the feasibility study should finish first, before a WI on the topic could be approved.
- A proposed new WI on protocol extensions for research purposes was rejected.

New approved WIs [leading WG between square brackets]:
-   Beamforming [WG1]- The combination of SSDT and beamforming would be part of this WI.
New approved SIs [leading WG between square brackets]:
-   Feasibility study considering deployment of UTRA in additional and diverse spectrum arrangement [WG4]

1   Opening of the meeting

Francois Courau (Chairman) opened the meeting. Said Tatesh (Lucent Technologies) welcomed the delegates to Beijing and explained the logistics of the meeting.

2   Approval of the agenda

RP-010496 Proposed agenda (Chairman)
Francois Courau (Chairman) proposed the agenda for the meeting, with a small change to add Project Management as agenda item 12.
Decision: The agenda was approved.

3   Approval of the meeting report of TSG-RAN Meeting #12

RP-010497 Draft Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001) (Secretary)

RP-010498 Revised draft Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001) (Secretary)
The revised meeting report of TSG-RAN #12 in RP-010498 had been distributed via the email reflector and was on the server.
Decision: The report was approved. The approved report would be available in RP-010499.

RP-010499 Approved Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001) (Secretary)
This was the approved report of the TSG-RAN #12 meeting.

4   IPR Claims

Francois Courau (Chairman) reminded the delegates of their obligations with respect to IPRs.

   NOTE: IPRs should be declared to the Director-General or Chairman of the SDO, not to the TSG-RAN Chairman.

5   Chairman Report of TSG-SA#12

A report had been provided by the Chairman on the e-mail reflector and particular questions had been answered directly.

6   Chairman report of external meetings

6.1   Harmonisation for HSDPA

A meeting with 3GPP2 was scheduled for 13 and 14 November in East Brunswick, NY, USA (co-located with a TSG-RAN WG4 meeting). About 15 delegates in the meeting showed their intention to attend this meeting, which was called to discuss harmonisation of HSDPA (3GPP) and 1EX DO and 1EX DV (3GPP2).

7   Liaisons from other groups

7.1   TSG-SA, TSG-T, TSG-CN, TSG-GERAN

7.1.1   TSG-SA and TSG-SA WGs

RP-010503(S1-010786, copy TSG-RAN) LS on Clarification regarding the WI 010460 Enhancement of Broadcast and Introduction for Multicast capabilities in RAN (TSG-SA WG1)
Niels Andersen (TSG-SA Chairman) presented this LS.
Discussion: This LS had been reviewed in WG2.
Decision: The LS was noted.

RP-010504(S1-010850, copy TSG-RAN) Response to LS (GP-011344) on GERAN Assumption on IMS (TSG-SA WG1)
Niels Andersen (TSG-GERAN Chairman) presented this LS.
Discussion: The problem was somewhat different, taking into account the work on optimised voice. It is not so much the IMS client but the codec that is the problem. Because of the work on optimised voice, TSG-GERAN considered header removal to be necessary, and header compression not enough. The main point was that if one wanted to have optimised voice, there should be clear requirements for it. In TSG-RAN no decision had been taken on the desirability of having optimised voice in UTRAN.
Decision: The LS was noted.

RP-010505(S1-010869, to TSG-RAN) LS on IP Based Multimedia Services Framework Report (TSG-SA WG1)
Kevin Holley (TSG-SA WG1 Chairman) presented this LS.
Discussion: The impact on RAN was probably in the realm of local services, but the topic needed to be studied in TSG-RAN.
Decision: The LS was noted. WG2 and WG3 were tasked to study the report and its possible impacts urgently as it was an important part of Rel-5.

RP-010506(S1-010876, copy TSG-RAN) LS on Multimedia Broadcast/Multicast Service (MBMS) (TSG-SA WG1)
Francois Courau (Chairman) presented this LS.
Discussion: This document needed to be handled by WG2 and WG3. TSG-GERAN had responded to this LS in GP-011913 (RP-010509).
Decision: The LS was noted. This document was to be handled by WG2 and WG3 at their next co-located meeting in New York. It needed to be made sure that the latest version of the TR was used, which was expected to be provided by mid-October, rather than the version actually attached to this LS.

RP-010700(S1-010883, copy TSG-RAN) LS on IP-Based Multimedia Services Framework (TR 22.941) Report Work Plan (TSG-SA WG1)

Francois Courau (Chairman) presented this LS.

Discussion: This was the work plan for TSG-SA WG1 on IMS.

Decision: The LS was noted.

7.1.2   TSG-T and TSG-T WGs

RP-010721(TP-010223, to TSG-RAN) LS on Documents to be considered for the Revision of Recommendation ITU-R M.1457 (TSG-T)

This document had been taken into account by the ITU-R Ad Hoc contact person in his updates of the documents for agenda item 8.5.

7.1.3   TSG-CN and TSG-CN WGs

RP-010507(NP-010403, to TSG-RAN) LS on Co-ordination of SDO input to ITU-T Q.REF-1 (TSG-CN)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this LS.

Discussion: TSG-CN was to handle this issue on Thursday, so comments should be provided before. The ITU-T Ad Hoc in TSG-CN had been started up to do much the same type of work towards ITU-T that the ITU-R Ad Hoc in TSG-RAN had been doing for some years now. The ITU-R Ad Hoc had already proposed a response on this topic in RP-010662, to be handled in Agenda Item 8.5. The two issues in this LS were 1) Alignment of the documents for reference; and 2) decision of which version to be used by SDOs. It was was commented that PCG had already asked ITU-R and ITU-T to align their calendars as the appropriate way forward. Also, it was commented that Release 4 should be referred to.

Decision: The LS was noted. Nicola Magnani (ITU-R Ad Hoc contact person) would draft a response to TSG-CN containing the comments received.

7.1.4   TSG-GERAN and TSG-GERAN WGs

RP-010508(GP-011912, copy TSG-RAN) Response to LS (twg164_01r2) on GPRS testing (TSG-GERAN)

Niels Andersen (TSG-GERAN Chairman) presented this LS.

Decision: The LS was noted.

RP-010509(GP-011913, copy TSG-RAN) Response to LS (S1-010876) on Requirements on Multimedia Broadcast/Multicast Service (TSG-GERAN)

Niels Andersen (TSG-GERAN Chairman) presented this LS.

Discussion: The document was for background information.

Decision: The LS was noted.

7.2   Others (non-RAN)

7.2.1   ITU-T

RP-010510(LS23/13, to TSG-RAN) LS on AAL Type 2 Resource Management (ITU-T SG 13)

Francois Courau (Chairman) presented this LS.

Discussion: This was information for TSG-RAN, to be taken into account by WG3.

Decision: The LS was noted. WG3 was tasked to review the document and to respond if required.

7.2.2   GSM Association

RP-010511(twg164_01r2, to TSG-RAN) LS on Lack of availability of GPRS terminals (GSM Association TWG)

Niels Andersen (TSG-GERAN Chairman) presented this LS.
Discussion: TSG-GERAN had responded to this in GP-011912 (RP-010508).
Decision: The LS was noted.

7.2.2   ARIB/TTC

RP-010563LS on Comment on GERAN related work (ARIB, TTC)

Cheng Hock Ng (TTC) presented this LS.
Discussion: The current work split between TSG-GERAN and TSG-RAN was following the conclusion of this LS already. The approach of a container was the recommended one, but it should be kept in mind that this should not preclude any other solutions if it turned out to be necessary. Hyeon Woo Lee (TTA) supported the approach that TSG-GERAN shall investigate the content of the container from the point of view of TTA. WG2 and WG3 were asked to keep this work split in mind. It was asked which group was expected to develop the entirely new interface that was the cause of this LS. It was clarified that TSG-GERAN was supposed to develop this new interface, but that it used the Iur specification to do this. This meant that TSG-GERAN would provide the necessary CRs, but that TSG-RAN WG3 would review them. It was also clarified that interoperability between two 2G systems was internal to TSG-GERAN, and that interoperability between 2G and 3G systems would cause TSG-RAN WGs to review work done by TSG-GERAN.
Decision: The LS was noted. The document would be provided to the PCG/OP meeting by ARIB/TTC.

7.3   TSG-RAN WGs

7.3.1   TSG-RAN WG1

There was no input for this agenda item.

7.3.2   TSG-RAN WG2

There was no input for this agenda item.

7.3.3   TSG-RAN WG3

RP-010500(R3-012129, copy TSG-RAN) Response to LS (R4-010723) on Power Output Classes for Frequency Bands II and III (TSG-RAN WG3)

Martin Israelsson (TSG-RAN WG3 Chairman) presented this LS.
Discussion: The document was for information.
Decision: The LS was noted.

RP-010501(R3-012694, to TSG-RAN) Response to LS (G2-010203) on GERAN architecture and impacts on the Iu-cs interface (TSG-RAN WG3)

Thomas Ulrich (Siemens) presented this LS.
Discussion: The document was for information.
Decision: The LS was noted. TSG-GERAN was asked to take this into account.

7.3.4   TSG-RAN WG4

RP-010502(R4-010973, to TSG-RAN) LS on Vocabulary document TR 21.905 (TSG-RAN WG4)
Howard Benn (TSG-RAN WG4 Chairman) presented this LS.
Discussion: It was asked what the difference between a 'base station' and a 'Node B' was. In the past it had been avoided to refer to 'base station' as it was an ambiguous term. There was some confusion over the use of the term 'base station'. TSG-RAN should have one common vocabulary.
Decision: The LS was noted. The WG2, WG3 and WG4 Chairmen were asked to discuss the vocabulary.

8   Status Report and Approval of contributions - R'99 & Rel-4

Vocabulary documents

Tdoc	TR	Presented as version	Title	Result	Final version
n/a	25.990	n/a	TSG-RAN Vocabulary document	n/a	n/a
n/a	21.905	n/a	Vocabulary document	n/a	n/a

8.1   TSG-RAN WG1

8.1.1   Report from TSG-RAN WG1

RP-010516 Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)

RP-010517 Supplement (List of agreed CRs) to Report from WG1 chairman to TSG-RAN (TSG-RAN WG1 Chairman)
Antti Toskala (Chairman TSG-RAN WG1) presented this report (RP-010516) and the supplement of agreed CRs (RP-010517).
Presentation:
- R'99:
    - Reducing even further, down to 18 CRs, of which 11 for FDD.
- Rel-4:
    - Total 10CRs, 1 for FDD and 9 CRs on TDD.
- Rel-5:
    - Highest number of papers for High Speed Downlink Packet Access (HSDPA), several details agreed.

Discussion:
- WG 1 was reminded that the "isolated impact" statement was missing in the CRs proposed for approval. This was acknowledged by the WG1 Chairman. Full analysis would be provided for the next meeting for all CRs.

Decision: The report was noted.

8.1.2   Discussions on decisions from TSG-RAN WG1

RP-010677 Proposed CR 204r1 (R'99) and CR 205r1 (Rel-4) to 25.214
Hidetoshi Suzuki (Panasonic) presented this document.
Discussion: Use of SSDT and beamforming had not been discussed previously in WG1 and it was proposed to use SSDT only with P-CPICH. It was commented that the current specification has room for interpretation how to implement the combination in the UE.
Decision: The CR was **approved** (but see note 2 in agenda item 8.1.3).

8.1.3 Approval of CRs (R'99 and Rel-4 Category A) from TSG-RAN WG1

CRs from TSG-RAN WG1

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010518	25.211	3.7.0/4.1.0	Agreed CRs	approved 1)	3.8.0/4.2.0
RP-010709	25.211	3.7.0/4.1.0	Proposed CR 113r2 (R'99) and CR 114r2 (Rel-4) to 25.211	approved	3.8.0/4.2.0
RP-010519	25.212	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0
RP-010520	25.214	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010677	25.214	3.7.0/4.1.0	Proposed CR 204r1 (R'99) and CR 205r1 (Rel-4) to 25.214	approved 2)	3.8.0/4.2.0
RP-010710	25.214	3.7.0/4.1.0	Proposed CR 204r2 (R'99) and CR 205r2 (Rel-4) to 25.214	withdrawn	-
RP-010521	25.215	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010522	25.221	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010523	25.222	3.6.0/4.0.0	Agreed CRs	approved	3.7.0/4.1.0
RP-010524	25.223	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0
RP-010525	25.224	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010526	25.225	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0

1) CR 113r1 and CR 114r1 were **revised**. The change in section 4.1.2.2 "in this release" was not appropriate. The revision would be provided in RP-010709.

2) See agenda item 8.1.2. A revision was provided in RP-010710. However, CR 204r2 and CR 205r2 were **withdrawn**. Returning to CR 204r1 and CR 205r1, RP-010677, the discussion on the combination of SSDT with beamforming will be visited in the new Work Item on beamforming. It was commented that the "Reason for change" and "Consequences if not approved" were not correct, but no replacement was felt necessary.

8.1.4 Approval of CRs (Rel-4) from TSG-RAN WG1

CRs from TSG-RAN WG1

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010527	25.214	4.1.0	Agreed CRs	approved	4.2.0
RP-010528	25.221	4.1.0	Agreed CRs	approved	4.2.0
RP-010529	25.222	4.0.0	Agreed CRs	approved	4.1.0
RP-010530	25.223	4.1.0	Agreed CRs	approved	4.2.0
RP-010531	25.224	4.1.0	Agreed CRs	approved	4.2.0
RP-010532	25.225	4.1.0	Agreed CRs	approved 1)	4.2.0
RP-010707	25.225	4.1.0	Approved CR 031r1 (Rel-4) to 25.225	approved	4.2.0

1) CR 031 was **revised**. The category was category B. Despite this category change for Rel-4, with this change the CR was **approved**. The revision was provided in RP-010707.

8.2 TSG-RAN WG2

8.2.1 Report from TSG-RAN WG2

RP-010535 Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

RP-010536 Supplement (List of agreed R'99 and Rel-4 Category A CRs) to Report from WG2 chairman to TSG-RAN (TSG-RAN WG2 Chairman)

Denis Fauconnier (Chairman TSG-RAN WG2) presented this report (RP-010535) and the supplement of agreed R'99 CRs (RP-010536).

Presentation:
- R'99:
  - Still taking more than 50% of meeting time, and most of delegates bandwidth/expertise.
  - Still many corrections on aspects which were not described, unclear, or incorrect.
  - BUT few actual radio interface modifications, and level of importance of CRs is decreasing.

- All CRs have an impact analysis.
- All have an isolated impact.
- Good progress on RRC, other protocols are stable.
- Standard quality has already made significant progress. More needed to achieve interoperability level.
  - Rel-4:
    - Some corrections.
  - Rel-5:
    - HSDPA progressed in WG1, WG2 and WG3.
    - Good progress. Work on schedule**Discussion:**
- The WG2 Chairman's estimate was that HSDPA could be finished in December, although it might be challenging.

Decision: The report was noted.

8.2.2 Discussions on decisions from TSG-RAN WG2

8.2.3 Approval of CRs (R'99 and Rel-4/Rel-5 Category A) from TSG-RAN WG2

CRs from TSG-RAN WG2

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010537	25.302	3.9.0/4.1.0	Agreed CRs	approved	3.10.0/4.2.0
RP-010538	25.303	3.8.0/4.1.0	Agreed CRs	approved	3.9.0/4.2.0
RP-010539	25.304	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010540	25.306	3.2.0/4.1.0	Agreed CRs	approved	3.3.0/4.2.0
RP-010541	25.321	3.8.0/4.1.0	Agreed CRs	approved 1)	3.9.0/4.2.0
RP-010542	25.322	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010543	25.323	3.5.0/4.1.0	Agreed CRs	approved	3.6.0/4.2.0
RP-010544	25.331	3.7.0/4.1.0	Agreed CRs (1)	approved 2)	3.8.0/4.2.0
RP-010545	25.331	3.7.0/4.1.0	Agreed CRs (2)	approved 3)	3.8.0/4.2.0
RP-010671	25.331	3.7.0/4.1.0	Agreed CR 925r3 (R'99) and CR 926r1 (Rel-4 Category A) to 25.331	approved	3.8.0/4.2.0
RP-010546	25.331	3.7.0/4.1.0	Agreed CRs (3)	approved	3.8.0/4.2.0
RP-010547	25.331	3.7.0/4.1.0	Agreed CRs (4)	approved	3.8.0/4.2.0
RP-010548	25.331	3.7.0/4.1.0	Agreed CRs (5)	approved	3.8.0/4.2.0
RP-010549	25.331	3.7.0/4.1.0	Agreed CRs (6)	approved	3.8.0/4.2.0
RP-010550	25.331	3.7.0/4.1.0	Agreed CRs (7)	approved	3.8.0/4.2.0
RP-010551	25.921	3.4.0/4.1.0	Agreed CRs	approved	3.5.0/4.2.0
RP-010552	25.922	3.5.0/4.0.0	Agreed CRs	approved	3.6.0/4.1.0

1) CR 090r1 and CR 091 were **postponed**. Similar CRs were needed for WG4, but had not been agreed in WG4 so far.
2) It was commented that titles like "Editorial corrections" or "Minor corrections" should not be used any longer. This was true for all WGs. As had been decided by the TSG-RAN Chairman before, editorial changes could and should be done without CR, by MCC.
3) CR 925r2 and CR 926 were **revised** by WG2. The new versions were provided in RP-010671.

Specifications from WG2 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-010557	25.307	2.1.0	Requirements on UEs supporting a Release Independent Frequency Band	approved 1)	3.0.0

1) See also discussion in agenda item 9.1.5.

8.2.4   Approval of CRs (Rel-4) from TSG-RAN WG2

CRs from TSG-RAN WG2

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010558	25.307	3.0.0	Proposed CR 001r1 (Rel-4) to 25.307	approved	4.0.0
RP-010553	25.323	4.1.0	Agreed CRs	approved	4.2.0
RP-010554	25.331	4.1.0	Agreed CRs	approved	4.2.0
RP-010555	25.844	4.0.0	Agreed CRs	approved	4.1.0

8.3   TSG-RAN WG3

8.3.1   Report from TSG-RAN WG3

RP-010573 Report from WG3 chairman to TSG-RAN (TSG-RAN WG3 Chairman)

RP-010574 List of agreed CRs from RAN WG3 (TSG-RAN WG3)
Martin Israelsson (Chairman TSG-RAN WG3) presented this report (RP-010573) and the supplement of agreed CRs (RP-010574).
Presentation:
- R'99 and Rel-4:
    - Most corrections are clarifications.
    - 32 Rel-4 only CRs.
    - R'99 and Rel-4 still occupy about 60% of meeting time.
- Rel-5:
    - PCAP finalised.
    - IP UTRAN work progressed, dead lock on M3UA/SUA.
    - Work on other Rel-5 topics progressed.
Discussion:
- It was clarified that there appeared to be conflicting interpretations based on implementation going on among the manufacturers. This was the cause of the large amount of time spent on R'99/Rel-4.
- It was requested to cover information on Rel-5 CRs that were for the "TEI5" WI in the status report next time.
- WG 3 was reminded that the "isolated impact" statement was missing in some of the CRs proposed for approval. This was acknowledged by the WG3 Chairman. Full analysis would be provided for the next meeting for all CRs.
- With respect to the deadlock situation on IP transport, this was covered by the agreed joint meeting between TSG-RAN and TSG-CN (see agenda item 9.3.1).
Decision: The report was noted.

8.3.2   Discussions on decisions from TSG-RAN WG3

8.3.3   Approval of CRs (R'99 and Rel-4 Category A) from TSG-RAN WG3

CRs from TSG-RAN WG3

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010575	25.401	3.7.0/4.1.0/5.0.0	Agreed CRs	approved	3.8.0/4.2.0/5.1.0
RP-010576	25.402	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0
RP-010577	25.410	3.4.0/4.1.0	Agreed CRs	approved	3.5.0/4.2.0
RP-010578	25.413	3.6.0/4.1.0	Agreed CRs (1)	approved	3.7.0/4.2.0
RP-010579	25.413	3.6.0/4.1.0	Agreed CRs (2)	approved	3.7.0/4.2.0
RP-010580	25.414	3.7.0/4.0.0	Agreed CRs	approved	3.8.0/4.1.0
RP-010581	25.415	3.6.0/4.0.0	Agreed CRs	approved 1)	3.7.0/4.1.0
RP-010696	25.415	3.6.0/4.0.0	Proposed CR 071r2 (R'99) and CR 072r2 (Rel-4 Category A) to 25.415	approved	3.7.0/4.1.0
RP-010582	25.419	3.5.0/4.1.0	Agreed CRs	approved	3.6.0/4.2.0
RP-010583	25.423	3.6.0/4.1.0	Agreed CRs (1)	approved	3.7.0/4.2.0
RP-010584	25.423	3.6.0/4.1.0	Agreed CRs (2)	approved	3.7.0/4.2.0
RP-010585	25.425	3.4.0/4.0.0	Agreed CRs	approved	3.5.0/4.1.0
RP-010586	25.427	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010587	25.433	3.6.0/4.1.0	Agreed CRs (1)	approved	3.7.0/4.2.0
RP-010588	25.433	3.6.0/4.1.0	Agreed CRs (2)	approved	3.7.0/4.2.0
RP-010589	25.435	3.6.0/4.0.0	Agreed CRs	approved	3.7.0/4.1.0
RP-010590	29.108	3.1.0/4.0.0	Agreed CRs	approved	3.2.0/4.1.0

1) CR 071 and CR 072 were to be **revised**. A table in the example in these CRs was wrong. The revision was provided in RP-010696.

Reports from WG3 for information

Tdoc	Agreed as report	Presented as version	Title	Result	Final version
RP-010604	30.531	0.9.2	Workplan	noted	0.9.2

8.3.4   Approval of CRs (Rel-4) from TSG-RAN WG3

CRs from TSG-RAN WG3

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010591	25.401	4.1.0	Agreed CRs	withdrawn	-
RP-010592	25.402	4.1.0	Agreed CRs	revised 1)	-
RP-010705	25.402	4.1.0	Proposed CR 025r1 (Rel-4) to 25.402	approved	4.2.0
RP-010593	25.410	4.1.0	Agreed CRs	approved 2)	4.2.0
RP-010697	25.410	4.1.0	Approved CR 009r7 (Rel-4) to 25.410	approved	4.2.0
RP-010594	25.413	4.1.0	Agreed CRs	approved 2)	4.2.0
RP-010698	25.413	4.1.0	Approved CR 244r7 (Rel-4) to 25.413	approved	4.2.0
RP-010595	25.415	4.1.0	Agreed CRs	approved	4.2.0
RP-010596	25.423	4.1.0	Agreed CRs	approved	4.2.0
RP-010597	25.425	4.0.0	Agreed CRs	approved	4.1.0
RP-010598	25.427	4.1.0	Agreed CRs	approved	4.2.0
RP-010599	25.433	4.1.0	Agreed CRs	approved	4.2.0
RP-010600	25.435	4.1.0	Agreed CRs	approved	4.2.0
RP-010601	25.850	4.1.0	Agreed CRs	approved	4.2.0
RP-010602	25.937	4.0.0	Agreed CRs	approved	4.1.0

1) CR 025 was **revised**: The values used were taken from a WG1 TR that had been intended as an example. It was preferred to have a reference to the WG4 specification instead. The revision would be provided in RP-010705.

2) CR 009r6 to 25.410 and CR 244r6 to 25.413 were **revised.** The category of both would be changed to category B, after which they would still be proposed for Rel-4. The revisions would be provided in RP-010697 and RP-010698 and were **approved**.

8.4   TSG-RAN WG4

8.4.1   Report from TSG-RAN WG4

RP-010613 Status Report WG4 (TSG-RAN WG4 Chairman)
Howard Benn (Chairman TSG-RAN WG4) presented this report.
Presentation:
- Number of CRs remains high, but magnitude of corrections to the BTS and UE Release '99 specifications is reducing.
- All the Release '99 specifications are essentially stable, but further corrections at the next plenary meeting to be expected.
- Number of documents being covered in the meeting is increasing.

Discussion:
- Though clarifications had been very helpful so far, the WG4 Chariman's view was that from now on they should really be limited to the "really essential" ones.
- WG 4 was reminded that the "isolated impact" statement was missing in the CRs proposed for approval and that this information should have been provided. This was acknowledged by the WG4 Chairman. He had, however, checked all CRs and confirmed that all CRs had only isolated impact. Full analysis would be provided for the next meeting for all CRs

Decision: The report was noted.

8.4.2   Discussions on decisions from TSG-RAN WG4

8.4.3   Approval of CRs (R'99 and Rel-4 Category A) from TSG-RAN WG4

CRs to TS 25.101: UE Radio transmission and reception (FDD)

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010614	25.101	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010615	25.102	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010616	25.104	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010617	25.105	3.7.0/4.1.0	Agreed CRs	approved	3.8.0/4.2.0
RP-010618	25.123	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0
RP-010619	25.133	3.6.0/4.1.0	Agreed CRs (1)	approved	3.7.0/4.2.0
RP-010620	25.133	3.6.0/4.1.0	Agreed CRs (2)	approved	3.7.0/4.2.0
RP-010621	25.133	3.6.0/4.1.0	Agreed CRs (3)	approved	3.7.0/4.2.0
RP-010622	25.141	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0
RP-010623	25.142	3.6.0/4.1.0	Agreed CRs	approved	3.7.0/4.2.0

8.4.4   Approval of CRs (Rel-4) from TSG-RAN WG4

CRs from TSG-RAN WG4

Tdoc	Related spec.	Current version	Title	Result	Final version
RP-010624	25.101	4.1.0	Agreed CRs	withdrawn	-
RP-010625	25.102	4.1.0	Agreed CRs	approved	4.2.0
RP-010626	25.104	4.1.0	Agreed CRs	approved	4.2.0
RP-010627	25.105	4.1.0	Agreed CRs	approved	4.2.0
RP-010628	25.106	4.0.0	Agreed CRs	approved	4.1.0
RP-010629	25.113	4.1.0	Agreed CRs	approved	4.2.0
RP-010630	25.123	4.1.0	Agreed CRs	approved	4.2.0
RP-010631	25.133	4.1.0	Agreed CRs	approved	4.2.0
RP-010632	25.141	4.1.0	Agreed CRs	approved	4.2.0
RP-010633	25.142	4.1.0	Agreed CRs	approved	4.2.0
RP-010634	25.143	4.1.0	Agreed CRs	approved	4.2.0
RP-010635	25.945	4.0.0	Agreed CRs	approved	4.1.0

8.5   ITU-R Ad Hoc

RP-010673 Status Report (ITU-R Ad Hoc contact person)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this report.
Discussion: This report introduced the documents that were proposed to be provided for submission to ITU-R.
Decision: The report was noted.

RP-010720 Addendum to the status report of ITU-R Ad Hoc (ITU-R Ad Hoc contact person)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: This was an additions to RP-010673, covering also the additional work that had been done during the meeting.
Decision: The document was noted.

RP-010654 Best and Final submission for CDMA DS and CDMA TDD (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: This was the overview of the contributions for the ITU-R submission. It was asked if in Annex 6, the SDOs should not say that the proposed amendments were self-consistent. The process was explained in some more detail. There would be a formal request to the SDOs to take the appropriate action (from PCG). The decision on which version to use was one that should be taken jointly by the SDOs. This was a PCG/OP decision to be taken. Currently the plan was to provide the December version, if possible from the SDO perspective.
Decision: The document was approved. It became necessary however to provide an update. This was provided as RP-010715.

RP-010715 Best and Final submission for CDMA DS and CDMA TDD (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**.

RP-010655 Revised Sections 5.1.1 and 5.3.1of Rec. ITU-R M.1457 (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: The change from "direct sequence" to "Time Division / Code Division Multiple Access (TDMA/CDMA))" was proposed to be rejected, as it implied a significant change which might be misunderstood by ITU-R. It was agreed that that was undesirable. A question on including TTI (in Frame length and structure for TDD) needed to be checked.
Decision: An update of the document was needed and would be provided as RP-010693.

RP-010693 Revised Sections 5.1.1 and 5.3.1of Rec. ITU-R M.1457 (TSG-RAN)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**.

RP-010656 Updated Section 5.1.2 of Rec. ITU-R M.1457 (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: These were the empty reference tables. The reference to 24.012 should be removed. Also, the TR/reference to SoLSA would be removed. The proposed LS to TSG-SA mentioned the deletion of TR 22.960, so it could be checked that way if the deletion was correct. A number of references were missing. It was clarified that, contrary to the intention, TS 21.905 had only been provided for Rel-4, not for R'99. It had, however, been decided a long time ago that 25.990 should be replaced completely by 21.905, at that time for R'99 as Rel-4 had not yet been finalised at that stage. This needed to be rectified. Consultation with TSG-CN and TSG-T would take place also.

Decision: An update of the document was needed and would be provided as RP-010688. MCC was requested to provide an appropriate R'99 CR to create TS 21.905 also for R'99.

RP-010688 Updated Section 5.1.2 of Rec. ITU-R M.1457 (TSG-RAN)
This document was replaced by RP-010713.

RP-010713 Updated Section 5.1.2 of Rec. ITU-R M.1457 (TSG-RAN)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: There was a task to check that the material was consistent with the official input from TSG-T when it arrived. It was commented that some specifications were under control of TTC rather than ARIB.
Decision: The document was **approved**. Francois Courau (Chairman) would update the document if mistakes were discovered compared to the official input from TSG-T (delegates were requested to check that RP-010721 had been covered correctly); the references to TTC would be corrected also, and the result would be considered **approved**. The version without revision marks would be sent to ITU-R.

RP-010657 Updated Section 5.3.2 of Rec. ITU-R M.1457 (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: The reference to 23.022 needed to be replaced by a reference to 23.122. The reference to 25.307 was preliminary, as it had not been approved yet. Also the reference to 34.123 needed to be checked with TSG-T. The document needed to be consistent with the update of RP-010656.
Decision: An update of the document was needed and would be provided as RP-010689.

RP-010689 Updated Section 5.3.2 of Rec. ITU-R M.1457 (TSG-RAN)
This document was replaced by RP-010714.

RP-010714 Updated Section 5.3.2 of Rec. ITU-R M.1457 (TSG-RAN)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**.

RP-010658 Accompanying letter for the submission of the updated Global Core Specifications (GCS) (ITU-R Ad Hoc)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: This was a proposed formal contribution to ITU-R. The objective to have all TSGs provide the relevant input to the submission to ITU-R was met by allowing the TSGs to modify the lists with specifications where necessary. It was clarified that the CD-ROM would be provided to ITU-R and would contain the latest version of the 3GPP specifications.
Decision: The document was **approved**. The CD-ROM would be provided to ITU-R and would contain the latest version of the 3GPP specifications.

RP-010659 LS to TSG-CN on the documents to be considered for the Revision of Rec. ITU-R M.1457 (ITU-R Ad Hoc contact person)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this proposed LS.
Discussion: The specification number 23.122 would be added, plus a sentence to say that the complete list of Specifications was attached.
Decision: With these changes, the LS was approved. The revision would be provided as RP-010690.

RP-010690 LS to TSG-CN on the documents to be considered for the Revision of Rec. ITU-R M.1457 (TSG-RAN)
Decision: The LS was **approved**.

RP-010660LS to TSG-T on the documents to be considered for the Revision of Rec. ITU-R M.1457 (ITU-R Ad Hoc contact person)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: There would be a sentence with the deadline for comments.
Decision: With these changes, the document was approved. The revision would be provided as RP-010691.

RP-010691LS to TSG-T on the documents to be considered for the Revision of Rec. ITU-R M.1457 (TSG-RAN)

Decision: The LS was **approved**.

RP-010661LS to TSG-SA on the documents to be considered for the Revision of Rec. ITU-R M.1457 (ITU-R Ad Hoc contact person)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: The reference to SoLSA needed to be removed. The comments from TSG-SA would be provided to the Chairman and the updated version would be circulated on the TSG-RAN reflector (the deadline for submission to ITU-R was 3 October).
Decision: With these changes, the document was approved. The revision would be provided as RP-010692.

RP-010692LS to TSG-SA on the documents to be considered for the Revision of Rec. ITU-R M.1457 (TSG-RAN)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**. Francois Courau (Chairman) would provide the LS to TSG-SA.

RP-010662Response to the LS from TSG-CN ITU-T Ad Hoc (ITU-R Ad Hoc)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: The reference to PCG/OP should be to OP only. An extra sentence was added to align with changes made to other documents.
Decision: With these changes, the document was approved. The revision would be provided as RP-010695.

RP-010695Response to the LS from TSG-CN ITU-T Ad Hoc (TSG-RAN)
Decision: The LS was **approved**.

RP-010663Update reminder for the OP on the compliance with ITU-R procedures as it relates to the next meeting of ITU-R WP 8F (Tokyo, 10-16 October 2001) (ITU-R Ad Hoc contact person)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Discussion: This contribution referred to RP-010424, the previous reminder. Consistent with an earlier comment, some extra lines were needed at the end.
Decision: A revision of the document was provided. The revision would be provided as RP-010694.

RP-010694Update reminder for the OP on the compliance with ITU-R procedures as it relates to the next meeting of ITU-R WP 8F (Tokyo, 10-16 October 2001) (TSG-RAN)

Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**. Francois Courau (Chairman) would provide it to OP.

RP-010664Proposed letter to the IMT-2000 Project Manager (ITU-R Ad Hoc contact person)
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.

Discussion: There were two editorial comments.
Decision: With these changes, the document was approved. The revision would be provided as RP-010706.

RP-010706 **Approved letter to the IMT-2000 Project Manager (ITU-R Ad Hoc contact person)**
Decision: The document was **approved**.

RP-010665 **Update terminology used within 3GPP (ITU-R Ad Hoc)**
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**.

RP-010666 **Update information on the Roadmap (ITU-R Ad Hoc)**
Nicola Magnani (ITU-R Ad Hoc contact person) presented this document.
Decision: The document was **approved**.

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9 Release 5 and beyond

General

RP-010704 **Work plan (MCC)**
The document was for information.

RP-010701 **MCC review of the Work Plan (MCC)**
The document was for information. Warning: it was incomplete (from RAN perspective for instance, the UE positioning was missing). This would be corrected, taking into account the results from TSG-RAN also and then forwarded to TSG-SA.

RP-010512 **Work Item sheets - Latest situation (Secretary)**

RP-010513 **Historic Work Item sheets (Secretary)**
The documents were for information.

RP-010514 **Study Item sheets - Latest situation (Secretary)**

RP-010515 **Historic Study Item sheets (Secretary)**
The documents were for information.

RP-010679 **Determining the Timing and Scope Of Release 5 (BT)**
Steve Mecrow (BT) presented this document.
Discussion: This was in line with what had been done so far in TSG-RAN.
Decision: The document was noted. The proposal would be taken into account in TSG-RAN.

IMS

RP-010676 **Release 5 Content and Timing With Respect to IMS (3G.IP)**
Mikko Kanerva (3G.IP) presented this document.

Discussion: The basic message was that "Release 5 shall contain IMS, to a certain extent". It was commented that the first priority of TSG-RAN should be to finish R'99. Therefore any prioritisation with respect to Release 5 was necessarily of second order.
Decision: The document was noted.

RP-010564 Scope of IMS in Rel 5 (Alcatel, Cingular, D2 Mannesmann, Elisa Communications, Ericsson, Nokia, Omnitel, Siemens, TIM, Vodafone Group)
Per Beming (Ericsson) presented this document.
Discussion: There was uncertainty on the contents of Table 3 with respect to where to put them (in Table 1 or Table 2). Table 1 and Table 2 had received broad support by the sources. For Table 3 guidance was requested from TSG-SA. On QoS issues, it was commented that it was good to make sure WG2 and WG3 were involved, also for the Rel-5 part.
Decision: The document was noted. Any guidance from delegates on Table 3 were welcome and requested to be provided to TSG-SA.

RP-010649 Proposal for cleaning-up the IMS feature (MCC)
Discussion: RP-010564 was more up-to-date than this document from the TSG-RAN perspective.
Decision: The document was noted.

RP-010650 Identifying the minimum functionality of IMS (MCC)
Discussion: The answer to the question on the splitability was taken into account in RP-010564.
Decision: The document was noted.

General on WI/SI status reports

The status reports for the WIs/SIs should for future plenary meetings contain an explicit reference to the expected completion date. They also should provide a clear status on that WI/SI to TSG-RAN (for all WGs that have worked on the WI/SI).

It was requested that, when references to TRs were made, a reference to the latest (WG) Tdoc number would be included as well. As decided in TSG-RAN plenary #12, the TRs themselves should not be provided if below version 1.0.0, but the reference would help those who still would like to read the TR.

9.1   Radio Interface Improvement Feature

9.1.1   Improvement of inter-frequency and inter-system measurements

Status

RP-010682 Status report WI "Improvement of inter-frequency and inter-system measurements" (Rapporteur)
Antti Toskala (TSG-RAN WG1 Chairman) presented this status report.
Discussion: WG3 would discuss the issue raised by the report later on. It was commented that in WG2 the conclusion had been that WG4 should first show that there was a problem. It was clarified that the proposal now was for downlink compressed mode, whereas in the past advice had only been asked for uplink compressed mode. An LS should be sent from WG1 to WG4 to clarify this.
Decision: The status report was noted.

9.1.2   Base Station Classification

9.1.2.1   TDD Base station classification

Status

The WI has been completed, except that WG4 had not been able to agree on one CR. The foreseen end date is RP#14.

9.1.2.2   FDD Base Station Classification

Status

Little progress was achieved. This was captured in the TR. The foreseen completion date was RP#15.

RP-010681 TR 25.951 v1.1.0 "FDD Base station classification" (Rapporteur)
Antti Toskala (Rapporteur) presented this TR.
Decision: The TR was **endorsed**.

9.1.2.3   Base Station Classification for 1.28 Mcps TDD

Status

RP-010644 Status report WI "Base Station Classification for 1.28 Mcps TDD option" (Rapporteur)
Meik Kottkamp (Rapporteur) presented this status report.
Discussion: The expected completion date was RP#15.
Decision: The status report was noted.

RP-010645 TR 25.882 v1.0.0 "Base Station Classification for 1.28 Mcps TDD option" (TSG-RAN WG4)
Meik Kottkamp (Rapporteur) presented this TR.
Decision: The TR was **endorsed**.

9.1.3   Improved usage of downlink resource in FDD for CCTrCHs of dedicated type

Status

No progress was made. The foreseen completion date was RP#18.

9.1.4   Terminal power saving features

Status

No activity. This was really a feature, with no particular completion date.

9.1.5   UMTS 1800

Status

An Ad Hoc meeting on this WI was planned for October (western USA). The foreseen completion date was RP#14. Because the CRs are not finalised, it was proposed not to approve TS 25.307 in this meeting.

This meant, however, that it could not be referred to by ITU. Due to the fact that the completion date was foreseen to be kept as RP#14, it was found to be necessary to provide this information to ITU. It was therefore decided to approve TS 25.307 (see 8.2.3) (for Release '99). A CR to raise it to Rel-4 would be provided in RP-010558 (see 8.2.4).

RP-010672 TR 25.885 v1.0.0 "UMTS 1800/UMTS 1900" (Rapporteur)
Howard Benn (Rapporteur) presented this TR.
Decision: The TR was **endorsed**.

9.1.6   UMTS 1900

Status

See status of UMTS 1800.

9.1.7   Multiple Input Multiple Output antennas (MIMO)

Status

No progress. The main discussion topic had been the channel modelling together with TX diversity studyies, on which agreements had so far been difficult to reach. The expected completion date was already a few plenaries away and would remain unchanged.

9.1.8   Enhancement on the DSCH hard split mode

Status

RP-010533 Status Report WI "Enhancement on the DSCH hard split mode" (Rapporteur)
Ju Ho Lee (Rapporteur) presented this status report.
Discussion: The foreseen completion date was still RP#14.
Decision: The status report was noted.

RP-010534 TR 25.870 v1.0.0 "Enhancement on the DSCH hard split mode" (TSG-RAN WG1)
Ju Ho Lee (Rapporteur) presented this TR.
Decision: The TR was **endorsed**.

9.2   RAN Improvement Feature

9.2.1   RRM Optimisation for Iur and Iub

9.2.1.1   Iur Common Transport Channel Efficiency Optimisation

Status

RP-010605 Status report WI "Iur Common Transport Channel Efficiency Optimisation" (Rapporteur)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this status report.
Discussion: There was a CR that could be expected at RP#14. The principle had been agreed, but it could not be provided as it still had to be reviewed.
Decision: The status report was noted.

9.2.1.2 Iur Neighbouring cell reporting Efficiency Optimisation

Status

RP-010606 Status report WI "Iur Neighbouring cell reporting Efficiency Optimisation" (Rapporteur)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this status report.
Discussion: The foreseen completion date was now RP#15.
Decision: The status report was noted.

9.2.2 NodeB Synchronisation for 1.28 Mcps TDD

Status

RP-010667 Status Report WI "Node B synchronisation for 1.28 Mcps TDD" (Rapporteur)
Jinling Hu (Rapporteur) presented this status report.
Discussion: The foreseen completion date was changed to RP#15.
Decision: The status report was noted.

RP-010668 TR 25.868 v1.0.0 "Node B synchronisation for 1.28 Mcps TDD" (TSG-RAN WG1)
Junling Hu (Rapporteur) presented this TR.
Decision: The TR was **endorsed**.

9.2.3 Radio access bearer support enhancement

Status

There had been no work for this (general) WI in the past few meetings.

RP-010687 Revised WI sheet "Radio access bearer support enhancement" (Nokia)
Antti Toskala (Nokia) presented this WI sheet.
Discussion: There should only be one responsible rapporteur (there were already two before). The WG2 delegate would be this person. It was asked if RP#14 was really the foreseen completion date. It was also asked what exactly the work entailed. It was better to provide a separate WI sheet for clearly defined work tasks belonging to a general Work Item. However, it was decided that for this time only the lines in the objective would be added, and clarification was needed. This would not be acceptable practice at future TSG-RAN plenary meetings though.
Decision: With the change of keeping only the lines in the objective, the WI sheet was approved in principle. The revision would be in RP-010703.

RP-010703 Revised WI sheet "Radio access bearer support enhancement" (Nokia)
Decision: The WI sheet was approved.

9.2.4 Radio Link Timing Adjustment

Status

RP-010607 Status report WI "Radio link timing adjustment" (Rapporteur)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this status report.

Discussion: It was possible that this might impact WG4. This needed to be looked into. WG1 also needed to look at this WI. WG2 had not yet handled the LS from WG3. The completion date was questioned. It was foreseen that more information would be available at RP#14.
Decision: The status report was noted.

9.2.5　　Separation of resource reservation and radio link activation

Status

RP-010608 Status report WI "Separation of resource activation and radio link" (Rapporteur)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this status report.
Discussion: The expected completion date was RP#15.
Decision: The status report was noted.

9.2.6　　Re-arrangement of Iub Transport Bearers

Status

RP-010609 Status report WI "Re-arrangement of Iub Transport Bearers" (Rapporteur)
Antti Toskala (Rapporteur) presented this status report.
Discussion: The completion date was expected to be unchanged.
Decision: The status report was noted.

9.3　　Evolution of the transport in the UTRAN

9.3.1　　IP transport in UTRAN

Status

RP-010610 Status report WI "IP transport in UTRAN" (Rapporteur)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this status report.
Discussion: The expected completion date remained the same, for the time being (this depended on the meeting agreed to be held, see RP-010675). The other points that were requesting agreements were clarified to be WG3-internal.
Decision: The status report was noted.

RP-010675 Organisation of the work on signalling transport over IP (Vodafone Group)
Alan Law (Vodafone Group) presented this document.
Discussion: There was a lengthy discussion. It was agreed that TSG-RAN and TSG-CN would have a joint meeting between this and the next plenary. The mandate for the joint meeting will be to recommend a decision to be taken at that meeting. If no decision can be reached, the minimal output expected is to provide an in-depth analysis of the advantages and drawbacks of the two following possibilities:
- Mixed solution - SUA on one side and M3UA on the other side; and
- M3UA everywhere.

If agreement is not achieved during the joint meeting between TSG-RAN and TSG-CN, involving experts from TSG-RAN WG3 and TSG-CN WG4, a vote shall take place in TSG-RAN (on the TSG-RAN issues) in December, based on the available material. The tentative location for the joint meeting would be Helsinki (tbc), and the tentative date the 2nd week of November.
Decision: The document was noted.

RP-010642TR 25.933 v1.4.0 "IP transport in UTRAN" (TSG-RAN WG3)
Martin Israelsson (TSG-RAN WG3 Chairman) presented this TR.
Decision: The TR was **endorsed**.

9.4 UE Positioning

9.4.1 UE positioning enhancements

Status

Following RP#13's decision that no new work on new positioning methods should be done, there had not been any work on this WI, only on existing positioning methods.

9.4.2 UE positioning enhancements for 1.28 Mcps TDD

Status

RP-010559Status report WI "UE Positioning Enhancements for 1.28 Mcps TDD" (Rapporteur)
Armin Sitte (Siemens) presented this status report.
Discussion: The expected completion date was RP#15.
Decision: The status report was noted.

RP-010560TR 25.859 v1.0.1 "UE Positioning Enhancements for 1.28 Mcps TDD" (TSG-RAN WG2)
Armin Sitte (Siemens) presented this TR.
Decision: The TR was **endorsed**.

9.4.3 Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning

Status

RP-010639Status report WI "Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning" (Rapporteur)
Francesco Grilli (Rapporteur) presented this status report.
Decision: The status report was noted. The WI was considered finished.

RP-010640TS 25.452 v2.0.0 "Iupc transport layer" (TSG-RAN WG3)
Francesco Grilli (Rapporteur) presented this TS.
Decision: The TS was **approved** and raised to v5.0.0.

CRs for this Work Item

Tdoc	Related WG	Title	Result
RP-010603	WG3	Agreed CRs	approved 1)

1) The CRs not related to LCS-INTF (i.e. CR 002r1, CR 005r1, CR 006r1 and CR 007) should be kept separate as they were not related to this WI. Also, the category A (CR 005r1) was strange. It should be category F. The revision was made available in RP-010702.

9.4.4 Open interface between the SMLC and the SRNC within the UTRAN to support UTRAN Rel-4 Positioning

Status

RP-010669 Status report WI "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods" (Rapporteur)

Antti Toskala (Rapporteur) presented this status report.
Discussion: The expected completion date was unchanged.
Decision: The status report was noted.

RP-010641 "Clarification of the scope of "Open Interface between the SMLC and the SRNC within the UTRAN to support Rel-4 methods" (Vodafone Group)

Alan Law (Vodafone Group) presented this document.
Discussion: The general principles were supported by the Rapporteur, but the Rapporteur did not think it appropriate to restrict the WI in the way proposed. It was clarified that part of the conclusion of the Workshop held in London early 2001 had been not to duplicate work. This paper seemed to contradict the conclusion of the Workshop. The Rapporteur supported the view that it might be needed to revisit the conclusion, but considered a mixed interface to be optional, which was not what this paper proposed. It was explained that the Workshop had already addressed all positioning methods, and that no need to revisit the conclusion was felt necessary. It was proposed that WG2 discuss the impact of the architectural split of this proposal and provide a TR with the results for RP#14 (feasibility study). It was felt in WG2 that the work with the scope as understood so far was possible within the December time frame. With the new proposal, this time frame was no longer feasible. Based on the results of the study in WG2, the issue would be revisited at RP#14. It was proposed to have a joint session between WG2 and WG3 also. This was considered a good idea by both WGs' chairmen and endorsed.
Decision: The document was noted. The WI sheet would be revised. The revision would be provided in RP-010719.

RP-010684 Revised WI sheet "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods" (Nokia)

This document was no longer relevant following the discussion on RP-010641. It was replaced by RP-010719.

RP-010719 Revised WI sheet "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods" (Nokia)

Antti Toskala (Nokia) presented this WI sheet.
Decision: The WI sheet was approved.

CRs for this Work Item

Tdoc	Related WG	Title	Result
RP-010556	WG2	Agreed CRs	approved 1)

1) The WI code was given as LCS-INTF, but a distinction should be made between this WI and the one in agenda item 9.4.3. Therefore, the WI code would be adapted to LCS-Rel4Pos.

9.5 RAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes

Status

The work had not yet started, pending input from TSG-SA (WGs).

9.6 Ensure Reliable Qos for PS domain

9.6.1 RAB Quality of Service Negotiation over Iu during relocation

Status

No work had been done on this WI. It was clarified that this WI had in fact both started and finished at RP#11. The WI sheet would be moved to the Historic WI document.

9.7 High Speed Downlink Packet Access (HSDPA)

Status

RP-010561 Status report WIs "HSDPA and HSDPA - layer 2 and 3 aspects" (Rapporteur)
Howard Benn (Rapporteur) presented this status report.
Discussion: The work was on schedule for the expected completion date for the Core specifications (WG1, WG2, WG3) (RP#14), but it was felt more safe to move the expected completion date for the performance specifications (WG4) to RP#15 since the information to WG4 had not yet been provided.
Decision: The status report was noted. The revised schedule was approved.

RP-010562 TR 25.855 v2.0.0 "High Speed Downlink Packet Access; Overall UTRAN Description" (TSG-RAN WG2)
Howard Benn (Rapporteur) presented this TR.
Decision: The TR was **approved** as v5.0.0.

RP-010643 Proposed new TS [25.308] "High Speed Downlink Packet Access; Overall UTRAN Description; Stage 2" (TSG-RAN WG2)
Denis Fauconnier (TSG-RAN WG2 Chairman) presented this proposed TS.
Discussion: The proposal was to make this TS so that ITU could refer to it also.
Decision: It was approved to have a TS for the Stage 2. The proposal was agreed (removing the annexes). The TS was **approved** as TS 25.308 v5.0.0.

9.7.1 High Speed Downlink Packet Access (HSDPA) - *Physical Layer*

Status

RP-010678 Status report WI "HSDPA - physical layer" (Rapporteur)
Antti Toskala (TSG-RAN WG1 Chairman) presented this status report.
Discussion: It was clarified that some of the decisions (specifically with respect to the performance of the signalling) had had to be taken in a hurry, and that it was possible that some of the decisisions needed to be revisited after performance aspects had been checked and other checks had been performed.
Decision: The status report was noted.

9.7.2 High Speed Downlink Packet Access (HSDPA) - *layer 2 and 3 aspects*

Status

See the status report in RP-010561 (agenda item 9.7).

9.7.3 High Speed Downlink Packet Access (HSDPA) - *Iub/Iur Protocol Aspects*

Status

See the status report in RP-010561 (agenda item 9.7).

9.7.4 High Speed Downlink Packet Access (HSDPA) - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing

Status

See the status report in RP-010561 (agenda item 9.7).

9.8 Technical Small Enhancement and Improvements

CRs for this Work Item

Tdoc	Related WG	Title	Result
RP-010702	WG3	Agreed CRs	approved
RP-010636	WG4	Agreed CRs	approved

9.9 Study Items:

9.9.1 Radio link performance enhancements

Status

The status was provided in the Chairman's report (RP-010516).

RP-010637 Withdrawn TR 25.869 v?.?.? "RAN WG1 report on Tx diversity solutions for multiple antennas" (TSG-RAN WG1)
This document was withdrawn.

9.9.2 USTS

Status

RP-010646 Status Report SI "USTS" (Rapporteur)
Jin Hyo Park (Rapporteur) presented this status report.
Discussion: The expected completion date was kept the same.
Decision: The status report was noted.

RP-010647 TR 25.854 v1.0.0 "USTS" (Rapporteur)
Jin Hyo Park (Rapporteur) presented this TR.
Discussion: The TR had changed compared to the previous meeting, so it could not be version 1.0.0 and should be version 1.1.0 instead. It was commented that the attached WG3 TR was not in version 1.0.0 or higher yet and should not have been submitted. It was anticipated that a version for approval of TR 25.854 would be submitted to RP#14.
Decision: The TR (only TR 25.854) was **endorsed**. The work should be presented to WG4 because of the impact on its work.

RP-010648 Proposed WI "USTS" (SK Telecom)

Jin Hyo Park (Rapporteur) presented this WI sheet.

Discussion: Since the discussion on the SI had not finished (the TR 25.854 had not yet been proposed for approval by WG1 due to the missing item on performance evaluation, and in the discussion of RP-010647 it had been commented that other WGs had also work left), it was premature to have a WI. The conclusion of the feasibility study would be awaited. It was possible to present necessary documents to complete the SI to the relevant WGs.

Decision: The WI sheet was withdrawn.

9.9.3 Feasibility Study for Improved Common DL Channel for Cell-FACH State

Status

RP-010670 Status report SI "Feasibility Study for Improved Common DL Channel for Cell-FACH State" (Rapporteur)

Denis Fauconnier (TSG-RAN WG2 Chairman) presented this status report.

Discussion: No information could be given about the expected completion date. It had changed several times before and had been put for RP#13. It was explained that only one company was contributing. It had been proposed at RP#12 to delete the SI already. There was no recommendation from WG2. It was explained by the proponent that work was carried out. The Chairman allowed one more round of work, as the rapporteur had not been able to travel to this meeting, but stated that a conclusion needed to be reached by RP#14, or the SI would be removed.

Decision: The status report was noted. The SI needed to reach a conclusion by RP#14. If no conclusion could be reached, the SI would be removed from the Work Plan.

9.9.4 Feasibility Study of UE antenna efficiency test methods performance requirements

Status

RP-010680 Status report SI "Feasibility Study of UE antenna efficiency test methods" (Rapporteur)

Leif Eriksson (Rapporteur) presented this status report.

Discussion: This was the final status report. The feasibility study was finished. There was no TR provided. It was approved that WG4 would liaise with CTIA (but it had to be approved by PCG, which would take one week via e-mail exploder).

Decision: The status report was also the report of the feasibility study and the conclusion (to inform CTIA of 3GPP interest) was **endorsed**.

9.9.5 Fast Cell Selection (FCS) for HS-DSCH

Status

No work had been done on this SI. Only one pending paper on simulations had been covered on this SI and work in WG1 had been focusing on the Rel-5 HSDPA WI. The expected completion date was moved to RP#16.

9.9.6   Improvement of Radio Resource Management across RNS and RNS/BSS

Status

RP-010611 Status report SI "Improvement of RRM across RNS and RNS/BSS" (Rapporteur)
Antti Toskala (Rapporteur) presented this status report.
Discussion: The expected completion date was RP#14.
Decision: The status report was noted.

RP-010685 Proposal to revise SI "Improvement of RRM across RNS and RNS/BSS" (Nokia)
Antti Toskala (Rapporteur) presented this document.
Discussion: ARIB had procedural problems with the proposal because it involved TSG-GERAN. The WG3 Chairman commented that so far, the necessary simulations are not complete yet. In the Rapporteur's view, this was not a problem. It was commented that since this proposed WI involved new interfaces, it was important that the feasibility study was concluded before turning it into a formal Work Item. One of the operators considered it important that the work was progressed technically and supported having a WI for that reason. It was clarified by the Chairman that the crucial problem in approving this as a WI was that WG3, the leading Working Group, had not concluded positively on the feasibility to TSG-RAN. WG3 and TSG-GERAN WG2 could independently of this try to have a joint meeting. After offline discussion it was agreed to keep this as a Study Item, and note that several operators had shown clear interest in this SI. WG3 should progress the issue.
Decision: The document was noted.

RP-010686 Proposed WI "Improvement of RRM across RNS and RNS/BSS" (Nokia)
Due to the discussion on RP-010685, this document did not need to be treated.

9.9.7   Mitigating the Effect of CPICH Interference at the UE

Status

RP-010651 Status report SI "Mitigating the Effect of CPICH Interference at the UE" (Rapporteur)
Howard Benn (TSG-RAN WG4 Chairman) presented this status report.
Discussion: The expected completion date was still RP#14.
Decision: The status report was noted.

9.9.8   Re-introduction of the downlink SIR measurement

Status

RP-010674 Status report SI "Re-introduction of the downlink SIR measurement" (Rapporteur)
Andreas Wilde (Rapporteur) presented this status report.
Discussion: The expected completion date was now RP#14. It was commented that the status report was perhaps a bit too pessimistic on the current situation. The important point was the requirement that led to the study item, not the SIR measurement itself. It was confirmed however, that the feasibility study was indeed expected to be finished by RP#14.
Decision: The status report was noted. Delegates (manufacturers) were encouraged to provide further contributions (on how to use existing measurements to solve the purpose) to the next WG4 meeting.

9.9.9 Feasibility study on UTRA Wideband Distribution System (WDS)

Status

RP-010638 Status report WI "UTRA Wideband Distribution Systems" (Rapporteur)
Andrea Casini (Rapporteur) presented this status report.
Discussion: The expected completion date was RP#14. It was commented that the included report was not a formal TR and that no agreement had been reached on it in WG4. The WG4 Chairman confirmed that the report was not in the right format, but that it had been included only for information. It was confirmed also that it was better to refer to the WG4 Tdoc number.
Decision: The status report was noted.

9.9.10 SRNS Relocation Procedure enhancement

Status

RP-010612 Status report WI "SRNS relocation enhancement" (Rapporteur)
Antti Toskala (Rapporteur) presented this status report.
Discussion: The status report was a good example that contained all relevant information, except the completion date. The expected completion date was RP#14.
Decision: The status report was noted.

9.9.11 Introduction of Direct transport bearers between SRNC and Node B

Status

The TR outline had been agreed, but further contributions had not been treated due to lack of time. The expected completion date was changed to RP#14.

9.10 New Work Items

RP-010652 Discussion paper for proposed WI "Enhancement of SSDT" (NEC)
Akihisa Ushirokawa (NEC) presented this document.
Discussion: It was commented that problems were foreseen in making this proposed feature work together with existing ones. In particular, SSDT was not compatible with HSDPA. Additionally, transmit diversity was one of the current (R'99) problems with SSDT that needed to be solved first. It was commented that no consensus had been reached in WG1 so far. The WG1 Chairman also commented that in his view it was preferable to correct SSDT first and enhance it later. The issue would be further discussed again in WG1.
Decision: The document was noted. The pending R'99/Rel-4 issue related to SSDT was solved later in the meeting by the approval of the CRs in RP-010677.

RP-010653 Proposed WI "Enhancement of SSDT" (NEC)
Considering the discussion on RP-010652. this document did not need to be discussed.

RP-010683 Status report "Beamforming" (TSG-RAN WG1 Chairman)
Antti Toskala (TSG-RAN WG1 Chairman) presented this status report.
Discussion: This was the report requested by TSG-RAN at the previous plenary. Francois Courau (Chairman) thanked the WG1 Chairman for providing the report.
Decision: The status report was noted.

RP-010699 Proposed WI "Beamforming" (Nokia)

Antti Toskala (Nokia) presented this WI sheet.

Discussion: It was commented that this was partly correction and partly enhancement of R'99. It was requested to make it clear where the split was between the correction of and the enhancement.

Decision: A revision of the WI sheet was needed. The revision would be made available in RP-010711.

RP-010711 Proposed WI "Beamforming" (Nokia)

Antti Toskala (Nokia) presented this WI sheet.

Discussion: The WI would also cover the combination of SSDT and beamforming. The expected completion date would be changed to RP#15 for the WG1 and WG3 specifications. WG1 would further discuss the WI sheet and provide an update for RP#14.

Decision: The WI was **approved**. The WI sheet was endorsed. WG1 was tasked to review the WI sheet.

RP-010708 Background information on current private messages in RANAP, SABP, RNSAP and NBAP (Ericsson)

Per Beming (Ericsson) presented this document.

Discussion: It was commented that this document should have been made available earlier, since it was not possible to discuss it offline with delegates at home when it was provided too late. An earlier version of this WI proposal had been made available at the previous meeting. There had been opposition then, but TSG-SA had not understood why there was opposition. Several operators also commented that the current mechanism was considered sufficient. It was also commented that the same issue had been approved in TSG-CN, which caused some concern from the point of view of consistency.

Decision: The document was noted. The proponents were urged to talk to the operators and convince WG3 experts of other companies and check with the operators from time to time if the objections were still sustained.

RP-010716 Proposed WI "Introduction of protocol extension for research purposes in NBAP, RNSAP, RANAP and SABP messages" (Ericsson, NEC, Lucent Technologies, NTT DoCoMo)

Due to the discussion on RP-010708, it was not necessary to handle this document. The document was withdrawn.

RP-010718 Proposed SI "Feasibility study considering deployment of UTRA in additional and diverse spectrum arrangement" (Ericsson, Nokia, Telia, Sonera)

Per Beming (Ericsson) presented this SI sheet.

Discussion: It was asked if there had been co-ordination with ITU-R on this issue. It was commented that this had not been done for UMTS 1800 either and that no need was seen for it. It was commented that WIs and SIs should be coming through WGs if possible. However, in answer to this, it was stated that the purpose of the TSG-RAN plenary was supposed to control what each WG was doing. Also, this was an SI proposal, not a WI proposal.

Decision: The SI was **approved**. WG4 was asked to review the SI sheet and report at RP#14, coming with a revised SI sheet if needed. Companies were also requested to try and ensure that proposals for new WIs should be made available as early as possible, and preferably before the start of the plenary meeting.

10   Technical co-ordination among WGs

10.1   Review of status on action points allocated at the previous meeting

There was no input for this agenda.

10.2   Other needs

There was no input for this agenda.

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11   Output to other groups

11.1   TSG-SA

See agenda item 8.5.

11.2   ITU-R

See agenda item 8.5.

11.3   Other

There was no input for this agenda item.

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12   Project management

RP-010565CR to 21.101: "Correction to list of specs" (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-010566CR to 21.102: "Correction to list of specs" (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-0105671st draft 21.103: "3rd Generation mobile system Release 5 Specifications" (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-010568CR to 01.01: "GSM Release 1999 specifications. (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-010569CR to 41.102: "GSM Release 4 Specifications" (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-0105701st draft 41.103: "GSM Release 5 Specifications" (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-010571Specs status list prior to TSGs#13 (MCC)
This document was for information. Comments could be provided to MCC directly.

RP-010572Spec numbers and titles (MCC)
This document was for information. Comments could be provided to MCC directly.

**RP-010712Urgent work to be started by TSG RAN Working Groups in order to improve further
          the quality of TSG RAN specifications (TSG officials)**
This document was replaced by RP-010717.

RP-010717 Urgent work to be started by TSG RAN Working Groups in order to improve further the quality of TSG RAN specifications (TSG officials)

Denis Fauconnier (TSG-RAN WG2 Chairman) presented this document.

Discussion: The importance of the document was to have a starting point. It could be refined over time (in answer to questions on detailed points). Concern was expressed about changing the existing specifications. However, having conflicting implementations was even worse. It was not intended to change parts of the specifications that are working properly right now. The proposal was considered the best way forward, in making sure identifcation of the problems was done and proposals for a way forward were developed. It was further emphasised that the companies that were members of ARIB were requested to provide direct inputs to the WGs based on their experience with current network implementations running in Japan.

Decision: The document was **approved**. The proposal was endorsed. The WGs were tasked to start the work identified in the document. Proposals for refinement of this process could be provided on the TSG-RAN exploder for further consideration. Francois Courau (Chairman) would provide the document to TSG-SA.

13 Any Other Business

There was no input for this agenda item.

14 Closing of meeting

Francois Courau (Chairman) thanked the hosts for the organisation of the meeting and the social event. He also thanked the delegates for the hard work to improve the quality of the specifications in TSG-RAN.

For future meetings, see Annex E.

Annex A: List of delegates

Guest organisation for 3GPP (OTHER)

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Annex B: List of documents

Doc.No.	Title	Source	Ag.lt.	Comments
RP-010496	Proposed agenda	Chairman	2	
RP-010497	Draft Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001)	Secretary	3	
RP-010498	Revised draft Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001)	Secretary	3	
RP-010499	Approved Report of the 12th TSG-RAN meeting (Stockholm, Sweden, 12-15 June 2001)	Secretary	3	
RP-010500	(R3-012129, copy TSG-RAN) Response to LS (R4-010723) on Power Output Classes for Frequency Bands II and III	TSG-RAN WG3	7.3	
RP-010501	(R3-012694, to TSG-RAN) Response to LS (G2-010203) on GERAN architecture and impacts on the Iu-cs interface	TSG-RAN WG3	7.3	
RP-010502	(R4-010973, to TSG-RAN) LS on Vocabulary document TR 21.905	TSG-RAN WG4	7.3	
RP-010503	(S1-010786, copy TSG-RAN) LS on Clarification regarding the WI 010460 Enhancement of Broadcast and Introduction for Multicast capabilities in RAN	TSG-SA WG1	7.1	
RP-010504	(S1-010850, copy TSG-RAN) Response to LS (GP-011344) on GERAN Assumption on IMS	TSG-SA WG1	7.1	
RP-010505	(S1-010869, to TSG-RAN) LS on IP Based Multimedia Services Framework Report	TSG-SA WG1	7.1	
RP-010506	(S1-010876, copy TSG-RAN) LS on Multimedia Broadcast/Multicast Service (MBMS)	TSG-SA WG1	7.1	
RP-010507	(NP-010403, to TSG-RAN) LS on Co-ordination of SDO input to ITU-T Q.REF-1	TSG-CN	7.1	
RP-010508	(GP-011912, copy TSG-RAN) Response to LS (twg164_01r2) on GPRS testing	TSG-GERAN	7.1	
RP-010509	(GP-011913, copy TSG-RAN) Response to LS (S1-010876) on Requirements on Multimedia Broadcast/Multicast Service	TSG-GERAN	7.1	
RP-010510	(LS23/13, to TSG-RAN) LS on AAL Type 2 Resource Management	ITU-T SG 13	7.2	
RP-010511	(twg164_01r2, to TSG-RAN) LS on Lack of availability of GPRS terminals	GSM Association TWG	7.2	
RP-010512	Work Item sheets - Latest situation	Secretary	9	
RP-010513	Historic Work Item sheets	Secretary	9	
RP-010514	Study Item sheets - Latest situation	Secretary	9	
RP-010515	Historic Study Item sheets	Secretary	9	
RP-010516	Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	8.1.1	
RP-010517	Supplement (List of agreed CRs) to Report from WG1 chairman to TSG-RAN	TSG-RAN WG1 Chairman	8.1.1	
RP-010518	CRs (R'99 and Rel-4 Category A) to TS 25.211	TSG-RAN WG1	8.1.3	
RP-010519	CRs (R'99 and Rel-4 Category A) to TS 25.212	TSG-RAN WG1	8.1.3	
RP-010520	CRs (R'99 and Rel-4 Category A) to TS 25.214	TSG-RAN WG1	8.1.3	
RP-010521	CRs (R'99 and Rel-4 Category A) to TS 25.215	TSG-RAN WG1	8.1.3	
RP-010522	CRs (R'99 and Rel-4 Category A) to TS 25.221	TSG-RAN WG1	8.1.3	
RP-010523	CRs (R'99 and Rel-4 Category A) to TS 25.222	TSG-RAN WG1	8.1.3	
RP-010524	CRs (R'99 and Rel-4 Category A) to TS 25.223	TSG-RAN WG1	8.1.3	
RP-010525	CRs (R'99 and Rel-4 Category A) to TS 25.224	TSG-RAN WG1	8.1.3	
RP-010526	CRs (R'99 and Rel-4 Category A) to TS 25.225	TSG-RAN WG1	8.1.3	
RP-010527	CRs (Rel-4) to TS 25.214	TSG-RAN WG1	8.1.4	
RP-010528	CRs (Rel-4) to TS 25.221	TSG-RAN WG1	8.1.4	
RP-010529	CRs (Rel-4) to TS 25.222	TSG-RAN WG1	8.1.4	
RP-010530	CRs (Rel-4) to TS 25.223	TSG-RAN WG1	8.1.4	
RP-010531	CRs (Rel-4) to TS 25.224	TSG-RAN WG1	8.1.4	
RP-010532	CRs (Rel-4) to TS 25.225	TSG-RAN WG1	8.1.4	

Doc.No.	Title	Source	Ag.It.	Comments
RP-010533	Status Report WI "Enhancement on the DSCH hard split mode"	Rapporteur	9.1.8	
RP-010534	TR 25.870 v1.0.0 "Enhancement on the DSCH hard split mode"	TSG-RAN WG1	9.1.8	
RP-010535	Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	8.2.1	
RP-010536	Supplement (List of agreed R'99 and Rel-4 Category A CRs) to Report from WG2 chairman to TSG-RAN	TSG-RAN WG2 Chairman	8.2.1	
RP-010537	CRs (R'99 and Rel-4 Category A) to TS 25.302	TSG-RAN WG2	8.2.3	
RP-010538	CRs (R'99 and Rel-4 Category A) to TS 25.303	TSG-RAN WG2	8.2.3	
RP-010539	CRs (R'99 and Rel-4 Category A) to TS 25.304	TSG-RAN WG2	8.2.3	
RP-010540	CRs (R'99 and Rel-4 Category A) to TS 25.306	TSG-RAN WG2	8.2.3	
RP-010541	CRs (R'99 and Rel-4 Category A) to TS 25.321	TSG-RAN WG2	8.2.3	
RP-010542	CRs (R'99 and Rel-4 Category A) to TS 25.322	TSG-RAN WG2	8.2.3	
RP-010543	CRs (R'99 and Rel-4 Category A) to TS 25.323	TSG-RAN WG2	8.2.3	
RP-010544	CRs (R'99 and Rel-4 Category A) to TS 25.331 (1)	TSG-RAN WG2	8.2.3	
RP-010545	CRs (R'99 and Rel-4 Category A) to TS 25.331 (2)	TSG-RAN WG2	8.2.3	
RP-010546	CRs (R'99 and Rel-4 Category A) to TS 25.331 (3)	TSG-RAN WG2	8.2.3	
RP-010547	CRs (R'99 and Rel-4 Category A) to TS 25.331 (4)	TSG-RAN WG2	8.2.3	
RP-010548	CRs (R'99 and Rel-4 Category A) to TS 25.331 (5)	TSG-RAN WG2	8.2.3	
RP-010549	CRs (R'99 and Rel-4 Category A) to TS 25.331 (6)	TSG-RAN WG2	8.2.3	
RP-010550	CRs (R'99 and Rel-4 Category A) to TS 25.331 (7)	TSG-RAN WG2	8.2.3	
RP-010551	CRs (R'99 and Rel-4 Category A) to TR 25.921	TSG-RAN WG2	8.2.3	
RP-010552	CRs (R'99 and Rel-4 Category A) to TR 25.922	TSG-RAN WG2	8.2.3	
RP-010553	CRs (Rel-4) to TS 25.323	TSG-RAN WG2	8.2.4	
RP-010554	CRs (Rel-4) to TS 25.331	TSG-RAN WG2	8.2.4	
RP-010555	CRs (Rel-4) to TR 25.844	TSG-RAN WG2	8.2.4	
RP-010556	CRs (Rel-5) for WI "Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning"	TSG-RAN WG2	9.4.3	
RP-010557	TS 25.307 v2.1.0 "Requirements on UEs supporting a Release Independent Frequency Band"	TSG-RAN WG2	8.2.3	
RP-010558	Proposed CR 001 (Rel-4) to 25.307	MCC	8.2.2	
RP-010559	Status report WI "UE Positioning Enhancements for 1.28 Mcps TDD"	Rapporteur	9.4.2	
RP-010560	TR 25.859 v1.0.1 "UE Positioning Enhancements for 1.28 Mcps TDD"	TSG-RAN WG2	9.4.2	
RP-010561	Status report WIs "HSDPA and HSDPA - layer 2 and 3 aspects"	Rapporteur	9.7	
RP-010562	TR 25.855 v2.0.0 "High Speed Downlink Packet Access; Overall UTRAN Description"	TSG-RAN WG2	9.7	
RP-010563	LS on Comment on GERAN related work	ARIB, TTC	7.3	
RP-010564	Scope of IMS in Rel 5	Alcatel, Cingular, D2 Mannesmann, Elisa Communications, Ericsson, Nokia, Omnitel, Siemens, TIM, Vodafone Group	9	
RP-010565	CR to 21.101: "Correction to list of specs"	MCC	12	
RP-010566	CR to 21.102: "Correction to list of specs"	MCC	12	
RP-010567	1st draft 21.103: "3rd Generation mobile system Release 5 Specifications"	MCC	12	
RP-010568	CR to 01.01: "GSM Release 1999 specifications.	MCC	12	
RP-010569	CR to 41.102: "GSM Release 4 Specifications"	MCC	12	
RP-010570	1st draft 41.103: "GSM Release 5 Specifications"	MCC	12	
RP-010571	Specs status list prior to TSGs#13	MCC	12	
RP-010572	Spec numbers and titles	MCC	12	
RP-010573	Report from WG3 chairman to TSG-RAN	TSG-RAN WG3 Chairman	8.3.1	
RP-010574	List of agreed CRs from RAN WG3	TSG-RAN WG3	8.3.1	
RP-010575	CRs (R'99 and Rel-4 / Rel-5 Category A) to TS 25.401	TSG-RAN WG3	8.3.3	

Doc.No.	Title	Source	Ag.It.	Comments
RP-010576	CRs (R'99 and Rel-4 Category A) to TS 25.402	TSG-RAN WG3	8.3.3	
RP-010577	CRs (R'99 and Rel-4 Category A) to TS 25.410	TSG-RAN WG3	8.3.3	
RP-010578	CRs (R'99 and Rel-4 Category A) to TS 25.413 (1)	TSG-RAN WG3	8.3.3	
RP-010579	CRs (R'99 and Rel-4 Category A) to TS 25.413 (2)	TSG-RAN WG3	8.3.3	
RP-010580	CRs (R'99 and Rel-4 Category A) to TS 25.414	TSG-RAN WG3	8.3.3	
RP-010581	CRs (R'99 and Rel-4 Category A) to TS 25.415	TSG-RAN WG3	8.3.3	
RP-010582	CRs (R'99 and Rel-4 Category A) to TS 25.419	TSG-RAN WG3	8.3.3	
RP-010583	CRs (R'99 and Rel-4 Category A) to TS 25.423 (1)	TSG-RAN WG3	8.3.3	
RP-010584	CRs (R'99 and Rel-4 Category A) to TS 25.423 (2)	TSG-RAN WG3	8.3.3	
RP-010585	CRs (R'99 and Rel-4 Category A) to TS 25.425	TSG-RAN WG3	8.3.3	
RP-010586	CRs (R'99 and Rel-4 Category A) to TS 25.427	TSG-RAN WG3	8.3.3	
RP-010587	CRs (R'99 and Rel-4 Category A) to TS 25.433 (1)	TSG-RAN WG3	8.3.3	
RP-010588	CRs (R'99 and Rel-4 Category A) to TS 25.433 (2)	TSG-RAN WG3	8.3.3	
RP-010589	CRs (R'99 and Rel-4 Category A) to TS 25.435	TSG-RAN WG3	8.3.3	
RP-010590	CRs (R'99 and Rel-4 Category A) to TS 29.108	TSG-RAN WG3	8.3.3	
RP-010591	CRs (Rel-4) to TS 25.401	TSG-RAN WG3	8.3.4	withdrawn
RP-010592	CRs (Rel-4) to TS 25.402	TSG-RAN WG3	8.3.4	
RP-010593	CRs (Rel-4) to TS 25.410	TSG-RAN WG3	8.3.4	
RP-010594	CRs (Rel-4) to TS 25.413	TSG-RAN WG3	8.3.4	
RP-010595	CRs (Rel-4) to TS 25.415	TSG-RAN WG3	8.3.4	
RP-010596	CRs (Rel-4) to TS 25.423	TSG-RAN WG3	8.3.4	
RP-010597	CRs (Rel-4) to TS 25.425	TSG-RAN WG3	8.3.4	
RP-010598	CRs (Rel-4) to TS 25.427	TSG-RAN WG3	8.3.4	
RP-010599	CRs (Rel-4) to TS 25.433	TSG-RAN WG3	8.3.4	
RP-010600	CRs (Rel-4) to TS 25.435	TSG-RAN WG3	8.3.4	
RP-010601	CRs (Rel-4) to TR 25.850	TSG-RAN WG3	8.3.4	
RP-010602	CRs (Rel-4) to TR 25.937	TSG-RAN WG3	8.3.4	
RP-010603	CRs (Rel-5) for WI "Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning"	TSG-RAN WG3	9.4.3	
RP-010604	TR 30.531 v0.9.2 "Work plan RAN3"	MCC	8.3.3	
RP-010605	Status report WI "Iur Common Transport Channel Efficiency Optimisation"	Rapporteur	9.2.1.1	
RP-010606	Status report WI "Iur Neighbouring cell reporting Efficiency Optimisation"	Rapporteur	9.2.1.2	
RP-010607	Status report WI "Radio link timing adjustment"	Rapporteur	9.2.4	
RP-010608	Status report WI "Separation of resource activation and radio link"	Rapporteur	9.2.5	
RP-010609	Status report WI "Re-arrangement of Iub Transport Bearers"	Rapporteur	9.2.6	
RP-010610	Status report WI "IP transport in UTRAN"	Rapporteur	9.3.1	
RP-010611	Status report WI "Improvement of RRM across RNS and RNS/BSS"	Rapporteur	9.9.6	
RP-010612	Status report WI "SRNS relocation enhancement"	Rapporteur	9.9.10	
RP-010613	Status Report WG4	TSG-RAN WG4 Chairman	8.4.1	
RP-010614	CRs (R'99 and Rel-4 Category A) to TS 25.101	TSG-RAN WG4	8.4.3	
RP-010615	CRs (R'99 and Rel-4 Category A) to TS 25.102	TSG-RAN WG4	8.4.3	
RP-010616	CRs (R'99 and Rel-4 Category A) to TS 25.104	TSG-RAN WG4	8.4.3	
RP-010617	CRs (R'99 and Rel-4 Category A) to TS 25.105	TSG-RAN WG4	8.4.3	
RP-010618	CRs (R'99 and Rel-4 Category A) to TS 25.123	TSG-RAN WG4	8.4.3	
RP-010619	CRs (R'99 and Rel-4 Category A) to TS 25.133 (1)	TSG-RAN WG4	8.4.3	
RP-010620	CRs (R'99 and Rel-4 Category A) to TS 25.133 (2)	TSG-RAN WG4	8.4.3	
RP-010621	CRs (R'99 and Rel-4 Category A) to TS 25.133 (3)	TSG-RAN WG4	8.4.3	
RP-010622	CRs (R'99 and Rel-4 Category A) to TS 25.141	TSG-RAN WG4	8.4.3	
RP-010623	CRs (R'99 and Rel-4 Category A) to TS 25.142	TSG-RAN WG4	8.4.3	
RP-010624	CRs (Rel-4) to TS 25.101	TSG-RAN WG4	8.4.4	withdrawn
RP-010625	CRs (Rel-4) to TS 25.102	TSG-RAN WG4	8.4.4	

Doc.No.	Title	Source	Ag.It.	Comments
RP-010626	CRs (Rel-4) to TS 25.104	TSG-RAN WG4	8.4.4	
RP-010627	CRs (Rel-4) to TS 25.105	TSG-RAN WG4	8.4.4	
RP-010628	CRs (Rel-4) to TS 25.106	TSG-RAN WG4	8.4.4	
RP-010629	CRs (Rel-4) to TS 25.113	TSG-RAN WG4	8.4.4	
RP-010630	CRs (Rel-4) to TS 25.123	TSG-RAN WG4	8.4.4	
RP-010631	CRs (Rel-4) to TS 25.133	TSG-RAN WG4	8.4.4	
RP-010632	CRs (Rel-4) to TS 25.141	TSG-RAN WG4	8.4.4	
RP-010633	CRs (Rel-4) to TS 25.142	TSG-RAN WG4	8.4.4	
RP-010634	CRs (Rel-4) to TS 25.143	TSG-RAN WG4	8.4.4	
RP-010635	CRs (Rel-4) to TR 25.945	TSG-RAN WG4	8.4.4	
RP-010636	CRs (Rel-5) for WI "Technical Enhancements and Improvements"	TSG-RAN WG4	9.8	
RP-010637	TR 25.869 v?.?.?"RAN WG1 report on Tx diversity solutions for multiple antennas"	TSG-RAN WG1	9.9.1	withdrawn
RP-010638	Status report WI "UTRA Wideband Distribution Systems"	Rapporteur	9.9.9	
RP-010639	Status report WI "Open interface between the SMLC and the SRNC within the UTRAN to support A-GPS Positioning"	Rapporteur	9.4.3	
RP-010640	TS 25.452 v2.0.0 "Iupc transport layer"	TSG-RAN WG3	9.4.3	
RP-010641	Clarification of the scope of "Open Interface between the SMLC and the SRNC within the UTRAN to support Rel-4 methods"	Vodafone Group	9.4.4	
RP-010642	TR 25.933 v1.4.0 "IP transport in UTRAN"	TSG-RAN WG3	9.3.1	
RP-010643	Proposed new TS [25.308] "High Speed Downlink Packet Access; Overall UTRAN Description; Stage 2"	TSG-RAN WG2	9.7	
RP-010644	Status report WI "Base Station Classification for 1.28 Mcps TDD option"	Rapporteur	9.1.2.3	
RP-010645	TR 25.882 v1.0.0 "Base Station Classification for 1.28 Mcps TDD option"	TSG-RAN WG4	9.1.2.3	
RP-010646	Status Report SI "USTS"	Rapporteur	9.9.2	
RP-010647	TR 25.854 v1.0.0 "USTS"	Rapporteur	9.9.2	
RP-010648	Proposed WI "USTS"	SK Telecom	9.9.2	
RP-010649	Proposal for cleaning-up the IMS feature	MCC	9	
RP-010650	Identifying the minimum functionality of IMS	MCC	9	
RP-010651	Status report SI "Mitigating the Effect of CPICH Interference at the UE"	Rapporteur	9.9.7	
RP-010652	Discussion paper for proposed WI "Enhancement of SSDT"	NEC	9.10	
RP-010653	Proposed WI "Enhancement of SSDT"	NEC	9.10	
RP-010654	Best and Final submission for CDMA DS and CDMA TDD	ITU-R Ad Hoc	8.5	RP-010715
RP-010655	Revised Sections 5.1.1 and 5.3.1of Rec. ITU-R M.1457	ITU-R Ad Hoc	8.5	RP-010693
RP-010656	Updated Section 5.1.2 of Rec. ITU-R M.1457	ITU-R Ad Hoc	8.5	
RP-010657	Updated Section 5.3.2 of Rec. ITU-R M.1457	ITU-R Ad Hoc	8.5	
RP-010658	Accompanying letter for the submission of the updated Global Core Specifications (GCS)	ITU-R Ad Hoc	8.5	
RP-010659	LS to TSG-CN on the documents to be considered for the Revision of Rec. ITU-R M.1457	ITU-R Ad Hoc Contact Person	8.5	RP-010690
RP-010660	LS to TSG-T on the documents to be considered for the Revision of Rec. ITU-R M.1457	ITU-R Ad Hoc Contact Person	8.5	RP-010691
RP-010661	LS to TSG-SA on the documents to be considered for the Revision of Rec. ITU-R M.1457	ITU-R Ad Hoc Contact Person	8.5	RP-010692
RP-010662	Response to the LS from TSG-CN ITU-T Ad Hoc	ITU-R Ad Hoc	8.5	
RP-010663	Update reminder for the OP on the compliance with ITU-R procedures as it relates to the next meeting of ITU-R WP 8F (Tokyo, 10-16 October 2001)	ITU-R Ad Hoc Contact Person	8.5	RP-010694
RP-010664	Proposed letter to the IMT-2000 Project Manager	ITU-R Ad Hoc Contact Person	8.5	RP-010706
RP-010665	Update terminology used within 3GPP	ITU-R Ad Hoc	8.5	
RP-010666	Update information on the Roadmap	ITU-R Ad Hoc	8.5	
RP-010667	Status report WI "Node B synchronisation for 1.28 Mcps TDD"	Rapporteur	9.2.2	

Doc.No.	Title	Source	Ag.It.	Comments
RP-010668	TR 25.868 v1.0.0 "Node B synchronisation for 1.28 Mcps TDD"	TSG-RAN WG1	9.2.2	
RP-010669	Status report WI "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods"	Rapporteur	9.4.4	
RP-010670	Status report SI "Feasibility Study for Improved Common DL Channel for Cell-FACH State"	Rapporteur	9.9.3	
RP-010671	Agreed CR 925r3 (R'99) and CR 926r1 (Rel-4 Category A) to 25.331	TSG-RAN WG2	8.2.3	
RP-010672	TR 25.885 v1.0.0 "UMTS 1800/UMTS 1900"	Rapporteur	9.1.5	
RP-010673	Status Report	ITU-R Ad Hoc contact person	8.5	
RP-010674	Status report SI "Re-introduction of the downlink SIR measurement"	Rapporteur	9.9.8	
RP-010675	Organisation of the work on signalling transport over IP	Vodafone Group	9.3.1	
RP-010676	Release 5 Content and Timing With Respect to IMS	3G.IP	9	
RP-010677	Proposed CR 204r1 (R'99) and CR 205r1 (Rel-4) to 25.214	Panasonic	8.1.2	
RP-010678	Status report WI "HSDPA - physical layer"	Rapporteur	9.7.1	
RP-010679	Determining the Timing and Scope Of Release 5	BT	9	
RP-010680	Status report SI "Feasibility Study of UE antenna efficiency test methods"	Rapporteur	9.9.4	
RP-010681	TR 25.951 v1.1.0 "FDD Base station classification"	Rapporteur	9.1.2	
RP-010682	Status report WI "Improvement of interfrequency and inter-system measurements"	Rapporteur	9.1.1	
RP-010683	Status report "Beamforming"	TSG-RAN WG1 Chairman	9.10	
RP-010684	Revised WI sheet "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods"	Nokia	9.4.4	RP-010719
RP-010685	Proposal to revise WI "Improvement of RRM across RNS and RNS/BSS"	Nokia	9.9.6	
RP-010686	Revised WI sheet "Improvement of RRM across RNS and RNS/BSS"	Nokia, Vodafone Group, Omnitel-Vodafone, Siemens	9.9.6	
RP-010687	Revised WI sheet "Radio access bearer support enhancement"	Nokia	9.2.3	RP-010703
RP-010688	Updated Section 5.1.2 of Rec. ITU-R M.1457	TSG-RAN	8.5	RP-010713
RP-010689	Updated Section 5.3.2 of Rec. ITU-R M.1457	TSG-RAN	8.5	RP-010714
RP-010690	LS to TSG-CN on the documents to be considered for the Revision of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010691	LS to TSG-T on the documents to be considered for the Revision of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010692	LS to TSG-SA on the documents to be considered for the Revision of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010693	Revised Sections 5.1.1 and 5.3.1of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010694	Update reminder for the OP on the compliance with ITU-R procedures as it relates to the next meeting of ITU-R WP 8F (Tokyo, 10-16 October 2001)	TSG-RAN	8.5	
RP-010695	Response to the LS from TSG-CN ITU-T Ad Hoc	ITU-R Ad Hoc	8.5	
RP-010696	Proposed CR 071r2 (R'99) and CR 072r2 (Rel-4 Category A) to 25.415	TSG-RAN WG3	8.3.3	
RP-010697	Approved CR 009r7 (Rel-4) to 25.410	TSG-RAN WG3	8.3.4	
RP-010698	Approved CR 244r7 (Rel-4) to 25.413	TSG-RAN WG3	8.3.4	
RP-010699	Proposed WI "Beamforming"	Nokia	9.10	RP-010711
RP-010700	(S1-010883, copy TSG-RAN) LS on IP-Based Multimedia Services Framework (TR 22.941) Report Work Plan	TSG-SA WG1	7.1	
RP-010701	MCC review of the Work Plan	MCC	9	
RP-010702	CRs (Rel-5) for WI "Technical Enhancements and Improvements"	TSG-RAN WG3	9.8	
RP-010703	Revised WI sheet "Radio access bearer support enhancement"	Nokia	9.2.3	
RP-010704	Work plan	MCC	9	
RP-010705	Proposed CR 025r1 (Rel-4) to 25.402	TSG-RAN WG3	8.3.4	
RP-010706	Proposed letter to the IMT-2000 Project Manager	ITU-R Ad Hoc Contact Person	8.5	

Doc.No.	Title	Source	Ag.It.	Comments
RP-010707	Approved CR 031r1 (Rel-4) to 25.225	TSG-RAN WG1	8.1.4	
RP-010708	Background information on current private messages in RANAP, SABP, RNSAP and NBAP	Ericsson	9.10	
RP-010709	Proposed CR 113r2 (R'99) and CR 114r2 (Rel-4) to 25.211	Nokia	8.1.3	
RP-010710	Withdrawn CR 204r2 (R'99) and CR 205r2 (Rel-4) to 25.214	NEC, Fujitsu	8.1.3	withdrawn
RP-010711	Proposed WI "Beamforming"	Nokia	9.10	
RP-010712	Urgent work to be started by TSG RAN Working Groups in order to improve further the quality of TSG RAN specifications	TSG officials	12	RP-010717
RP-010713	Updated Section 5.1.2 of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010714	Updated Section 5.3.2 of Rec. ITU-R M.1457	TSG-RAN	8.5	
RP-010715	Best and Final submission for CDMA DS and CDMA TDD	ITU-R Ad Hoc	8.5	
RP-010716	Proposed WI "Introduction of protocol extension for research purposes in NBAP, RNSAP, RANAP and SABP messages"	Ericsson, NEC, Lucent Technologies, NTT DoCoMo	9.10	
RP-010717	Urgent work to be started by TSG RAN Working Groups in order to improve further the quality of TSG RAN specifications	TSG officials	12	
RP-010718	Feasibility study considering deployment of UTRA in additional and diverse spectrum arrangement	Ericsson, Nokia, Telia, Sonera	9.10	
RP-010719	Revised WI sheet "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods"	Nokia	9.4.4	
RP-010720	Addendum to the status report of ITU R Ad Hoc	ITU-R Ad Hoc contact person	8.5	
RP-010721	(TP-010223, to TSG-RAN) LS on Documents to be considered for the Revision of Recommendation ITU-R M.1457	TSG-T	7.1	

Annex C: Status table of CRs

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.101	118		R99	F	RP-13	RP-010614	R4-01845	approved	Compressed mode, correction of reference pattern 1, Set1	3.7.0	3.8.0	R4	
25.101	119		Rel-4	A	RP-13	RP-010614	R4-011049	approved	Compressed mode, correction of reference pattern 1, Set1	4.1.0	4.2.0	R4	
25.101	120		R99	F	RP-13	RP-010614	R4-01975	approved	DL Power Control Step Size in performance requirements	3.7.0	3.8.0	R4	
25.101	121		Rel-4	A	RP-13	RP-010614	R4-011050	approved	DL Power Control Step Size in performance requirements	4.1.0	4.2.0	R4	
25.101	122		R99	F	RP-13	RP-010614	R4-011188	approved	Correction for test numbers in fading propagation tests	3.7.0	3.8.0	R4	
25.101	123		Rel-4	A	RP-13	RP-010614	R4-011246	approved	Correction for test numbers in fading propagation tests	4.1.0	4.2.0	R4	
25.101	124		R99	F	RP-13	RP-010614	R4-011206	approved	Correction of frequency range for receiver spurious emission requirements	3.7.0	3.8.0	R4	
25.101	125		Rel-4	A	RP-13	RP-010614	R4-011245	approved	Correction of frequency range for receiver spurious emission requirements	4.1.0	4.2.0	R4	
25.101	126		R99	F	RP-13	RP-010614	R4-011238	approved	UE Maximum Output Power	3.7.0	3.8.0	R4	
25.101	127		Rel-4	A	RP-13	RP-010614	R4-011247	approved	UE Maximum Output Power	4.1.0	4.2.0	R4	
25.101	128		R99	F	RP-13	RP-010614	R4-011299	approved	Clarification of definition of Df	3.7.0	3.8.0	R4	
25.101	129		Rel-4	A	RP-13	RP-010614	R4-011286	approved	Clarification of definition of Df	4.1.0	4.2.0	R4	
25.101	130		R99	F	RP-13	RP-010614	R4-011318	approved	CR to TS25.101 for clarification of modulated interferer	3.7.0	3.8.0	R4	
25.101	131		Rel-4	A	RP-13	RP-010614	R4-011329	approved	CR to TS25.101 for clarification of modulated interferer	4.1.0	4.2.0	R4	
25.101	132		Rel-5	B	RP-13	RP-010636	R4-011323	approved	CPCH Performance	4.1.0	5.0.0	R4	TEI
25.102	067		R99	F	RP-13	RP-010615	R4-011133	approved	Power and ACLR definition corrections	3.7.0	3.8.0	R4	
25.102	068		Rel-4	A	RP-13	RP-010615	R4-011052	approved	Power and ACLR definition corrections.	4.1.0	4.2.0	R4	
25.102	069		R99	F	RP-13	RP-010615	R4-011161	approved	Out of synchronisation handling	3.7.0	3.8.0	R4	
25.102	070		Rel-4	A	RP-13	RP-010615	R4-011053	approved	Out-of-synchronisation handling.	4.1.0	4.2.0	R4	
25.102	071		R99	F	RP-13	RP-010615	R4-011265	approved	Correction of frequency range for receiver spurious emissions	3.7.0	3.8.0	R4	
25.102	072		Rel-4	A	RP-13	RP-010615	R4-011267	approved	Correction of frequency range for receiver spurious emissions	4.1.0	4.2.0	R4	
25.102	073		R99	F	RP-13	RP-010615	R4-011284	approved	Clarification in Spectrum emission mask section	3.7.0	3.8.0	R4	
25.102	074		Rel-4	A	RP-13	RP-010615	R4-011285	approved	Clarification in Spectrum emission mask section	4.1.0	4.2.0	R4	
25.102	075		Rel-4	F	RP-13	RP-010625	R4-011165	approved	Out of synchronisation handling for 1.28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.102	076		Rel-4	F	RP-13	RP-010625	R4-011168	approved	Power control downlink - constant BLER target (1.28 Mcps TDD option)	4.1.0	4.2.0	R4	LCRTDD-RF
25.102	077		Rel-4	F	RP-13	RP-010625	R4-011266	approved	Correction of frequency range for receiver	4.1.0	4.2.0	R4	LCRTDD-RF

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
									spurious emissions (1.28 Mcps TDD option)				
25.102	078		Rel-4	F	RP-13	RP-010625	R4-011287	approved	Clarification in Spectrum emission mask section for 1.28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.102	079		Rel-4	F	RP-13	RP-010625	R4-01870	approved	UE Performance Requirements (1.28Mcps TDD)	4.1.0	4.2.0	R4	LCRTDD-RF
25.102	080		Rel-4	F	RP-13	RP-010625	R4-01913	approved	Power definition corrections for 1.28 Mcps TDD option.	4.1.0	4.2.0	R4	LCRTDD
25.104	076		R99	F	RP-13	RP-010616	R4-01821	approved	Correction to PCDE requirement.	3.7.0	3.8.0	R4	
25.104	077		Rel-4	A	RP-13	RP-010616	R4-011054	approved	Correction to PCDE requirement.	4.1.0	4.2.0	R4	
25.104	078		R99	F	RP-13	RP-010616	R4-011207	approved	Correction of frequency range for receiver spurious emission requirements	3.7.0	3.8.0	R4	
25.104	079		Rel-4	A	RP-13	RP-010616	R4-011244	approved	Correction of frequency range for receiver spurious emission requirements	4.1.0	4.2.0	R4	
25.104	080		R99	F	RP-13	RP-010616	R4-011250	approved	Clarification in Spectrum emission mask section	3.7.0	3.8.0	R4	
25.104	081		Rel-4	A	RP-13	RP-010616	R4-011342	approved	Clarification in Spectrum emission mask section	4.1.0	4.2.0	R4	
25.104	082		R99	F	RP-13	RP-010616	R4-011277	approved	Blocking requirement for co-location of FDD and TDD base stations	3.7.0	3.8.0	R4	
25.104	083		Rel-4	A	RP-13	RP-010616	R4-011343	approved	Blocking requirement for co-location of FDD and TDD base stations	4.1.0	4.2.0	R4	
25.104	084		R99	F	RP-13	RP-010616	R4-011289	approved	Definition of "classical Doppler spectrum"	3.7.0	3.8.0	R4	
25.104	085		Rel-4	A	RP-13	RP-010616	R4-011293	approved	Definition of "classical Doppler spectrum"	4.1.0	4.2.0	R4	
25.104	086		Rel-4	F	RP-13	RP-010626	R4-01852	approved	RACH measurement channel definition	4.1.0	4.2.0	R4	TEI4
25.104	087		Rel-5	B	RP-13	RP-010636	R4-011324	approved	CPCH Performance	4.1.0	5.0.0	R4	TEI
25.105	066		R99	F	RP-13	RP-010617	R4-01868	approved	BS Performance Requirements (3.84Mcps TDD)	3.7.0	3.8.0	R4	
25.105	067		Rel-4	A	RP-13	RP-010617	R4-011056	approved	BS Performance Requirements (3.84Mcps TDD)	4.1.0	4.2.0	R4	
25.105	068		R99	F	RP-13	RP-010617	R4-01945	approved	Receiver spurious emissions for co-located base stations	3.7.0	3.8.0	R4	
25.105	069		Rel-4	A	RP-13	RP-010617	R4-011057	approved	Receiver spurious emissions for co-located base stations	4.1.0	4.2.0	R4	
25.105	070		R99	F	RP-13	RP-010617	R4-011134	approved	Power and ACLR definition corrections	3.7.0	3.8.0	R4	
25.105	071		Rel-4	A	RP-13	RP-010617	R4-011058	approved	Power and ACLR definition corrections.	4.1.0	4.2.0	R4	
25.105	072		R99	F	RP-13	RP-010617	R4-011163	approved	Clarification in Spectrum emission mask section	3.7.0	3.8.0	R4	
25.105	073		Rel-4	A	RP-13	RP-010617	R4-011249	approved	Clarification in Spectrum emission mask section	4.1.0	4.2.0	R4	
25.105	074		R99	F	RP-13	RP-010617	R4-011173	approved	PC dynamic range and minimum TP requirements correction.	3.7.0	3.8.0	R4	
25.105	075		Rel-4	A	RP-13	RP-010617	R4-011251	approved	PC dynamic range and minimum TP requirements correction.	4.1.0	4.2.0	R4	
25.105	076		R99	F	RP-13	RP-010617	R4-011268	approved	Correction of frequency range for receiver spurious emissions	3.7.0	3.8.0	R4	
25.105	077		Rel-4	A	RP-13	RP-010617	R4-011270	approved	Correction of frequency range for receiver spurious emissions	4.1.0	4.2.0	R4	
25.105	078		R99	F	RP-13	RP-010617	R4-011290	approved	Definition of "classical Doppler spectrum"	3.7.0	3.8.0	R4	
25.105	079		Rel-4	A	RP-13	RP-010617	R4-011294	approved	Definition of "classical Doppler spectrum"	4.1.0	4.2.0	R4	
25.105	080		R99	F	RP-13	RP-010617	R4-01840	approved	BS Performance Requirements for 12.2 kbps, 64 kbps, 144 kbps and 384 kbps, Case 1, addition	3.7.0	3.8.0	R4	

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
									of Figure Note for Table 8.4				
25.105	081		Rel-4	F	RP-13	RP-010627	R4-01872	approved	BS Performance Requirements (1.28Mcps TDD)	4.1.0	4.2.0	R4	LCRTDD-RF
25.105	082		Rel-4	F	RP-13	RP-010627	R4-01916	approved	Power definition correction for 1.28 Mcps TDD option.	4.1.0	4.2.0	R4	LCRTDD
25.105	083		Rel-4	F	RP-13	RP-010627	R4-01947	approved	Receiver spurious emissions for co-located base stations for 1.28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.105	084		Rel-4	F	RP-13	RP-010627	R4-011269	approved	Correction of frequency range for receiver spurious emissions (1.28 Mcps TDD option)	4.1.0	4.2.0	R4	LCRTDD-RF
25.105	085		Rel-4	F	RP-13	RP-010627	R4-011302	approved	Clarification in Spectrum emission mask section (1.28 Mcps section)	4.1.0	4.2.0	R4	
25.106	001		Rel-4	F	RP-13	RP-010628	R4-011002	approved	Editorial changes	4.0.0	4.1.0	R4	
25.106	002		Rel-4	F	RP-13	RP-010628	R4-011309	approved	Clarification in spectrum emission mask	4.0.0	4.1.0	R4	
25.113	013		Rel-4	F	RP-13	RP-010629	R4-01902	approved	Add Arrangements for testing Repeater	4.1.0	4.2.0	R4	RInImp-REP
25.123	088		R99	F	RP-13	RP-010618	R4-01873	approved	Section 4 corrections and clarifications in the test cases	3.6.0	3.7.0	R4	
25.123	089		Rel-4	A	RP-13	RP-010618	R4-011059	approved	Section 4 corrections and clarifications in the test cases	4.1.0	4.2.0	R4	
25.123	090		R99	F	RP-13	RP-010618	R4-01875	approved	General section 5 corrections	3.6.0	3.7.0	R4	
25.123	091		Rel-4	A	RP-13	RP-010618	R4-011060	approved	General section 5 corrections	4.1.0	4.2.0	R4	
25.123	092		R99	F	RP-13	RP-010618	R4-01877	approved	Introduction of intra- and inter-frequency test cases for Cell-PCH and URA-PCH	3.6.0	3.7.0	R4	
25.123	093		Rel-4	A	RP-13	RP-010618	R4-011061	approved	Introduction of intra- and inter-frequency test cases for Cell-PCH and URA-PCH	4.1.0	4.2.0	R4	
25.123	094		R99	F	RP-13	RP-010618	R4-011093	approved	Transport Channel BER accuracy requirement	3.6.0	3.7.0	R4	
25.123	095		Rel-4	A	RP-13	RP-010618	R4-011095	approved	Transport Channel BER accuracy requirement	4.1.0	4.2.0	R4	
25.123	096		R99	F	RP-13	RP-010618	R4-011097	approved	Success Rates in Test Cases	3.6.0	3.7.0	R4	
25.123	097		Rel-4	A	RP-13	RP-010618	R4-011098	approved	Success Rates in Test Cases	4.1.0	4.2.0	R4	
25.123	098		R99	F	RP-13	RP-010618	R4-011105	approved	Introduction of RRC Connection re-establishment requirements	3.6.0	3.7.0	R4	
25.123	099		Rel-4	A	RP-13	RP-010618	R4-011062	approved	Introduction of RRC Connection re-establishment requirements	4.1.0	4.2.0	R4	
25.123	100		R99	F	RP-13	RP-010618	R4-011106	approved	Introduction of RRC Connection re-establishment test cases	3.6.0	3.7.0	R4	
25.123	101		Rel-4	A	RP-13	RP-010618	R4-011063	approved	Introduction of RRC Connection re-establishment test cases	4.1.0	4.2.0	R4	
25.123	102		R99	F	RP-13	RP-010618	R4-011180	approved	Correction of UE CPICH RSCP reporting range	3.6.0	3.7.0	R4	
25.123	103		Rel-4	A	RP-13	RP-010618	R4-011254	approved	Correction of UE CPICH RSCP reporting range	4.1.0	4.2.0	R4	
25.123	104		R99	F	RP-13	RP-010618	R4-011252	approved	Clarification to requirement classification for statistical testing	3.6.0	3.7.0	R4	
25.123	105		Rel-4	A	RP-13	RP-010618	R4-011320	approved	Clarification to requirement classification for statistical testing	4.1.0	4.2.0	R4	
25.123	106		R99	F	RP-13	RP-010618	R4-011253	approved	Corrections to sections on inter-frequency measurements in Idle Mode and UE measurement capabilities in Cell-DCH and Cell-	3.6.0	3.7.0	R4	

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									FACH for UTRA TDD				
25.123	107		Rel-4	A	RP-13	RP-010618	R4-011344	approved	Corrections to sections on inter-frequency measurements in Idle Mode and UE measurement capabilities in Cell-DCH and Cell-FACH for UTRA TDD	4.1.0	4.2.0	R4	
25.123	108		R99	F	RP-13	RP-010618	R4-011175	approved	Correction to event 1G triggered measurement reporting delay requirement for UTRA TDD intra-frequency measurement test in A.8.1.1	3.6.0	3.7.0	R4	
25.123	109		Rel-4	F	RP-13	RP-010630	R4-01862	approved	Measurements in CELL_DCH State for 1.28 Mcps option	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	110		Rel-4	F	RP-13	RP-010630	R4-01863	approved	Measurements in CELL_FACH State for 1.28 Mcps option	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	111		Rel-4	F	RP-13	RP-010630	R4-01887	approved	Section 4 corrections and clarifications in the test cases	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	112		Rel-4	F	RP-13	RP-010630	R4-01888	approved	General section 5 corrections	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	113		Rel-4	F	RP-13	RP-010630	R4-01889	approved	Introduction of Cell re-selection requirements in Cell-Fach state for 1.28Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	114		Rel-4	F	RP-13	RP-010630	R4-011099	approved	Success Rates in Test Cases	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	115		Rel-4	F	RP-13	RP-010630	R4-011100	approved	UTRAN SFN-SFN otd corrections	4.1.0	4.2.0	R4	LCS1-UEpos
25.123	116		Rel-4	F	RP-13	RP-010630	R4-011101	approved	UTRAN Rx Timing Deviation for LCR	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	117		Rel-4	F	RP-13	RP-010630	R4-011110	approved	Introduction of RRC connection re-establishment requirements for 1.28Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	118		Rel-4	F	RP-13	RP-010630	R4-011111	approved	Introduction of RRC Connection re-establishment test cases for 1.28Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	119		Rel-4	F	RP-13	RP-010630	R4-011113	approved	Cell re-selection tests case in Cell-FACH state	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	120		Rel-4	F	RP-13	RP-010630	R4-011114	approved	TFC selection at the UE maximum power	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	121		Rel-4	F	RP-13	RP-010630	R4-011115	approved	TDD/TDD handover test cases	4.1.0	4.2.0	R4	LCRTDD-RF
25.123	122		Rel-4	F	RP-13	RP-010630	R4-011288	approved	Clarification to requirement classification for statistical testing	4.1.0	4.2.0	R4	LCRTDD-RF
25.133	126		R99	F	RP-13	RP-010619	R4-010885	approved	Clarifications on TDD measurements and related accuracy requirements	3.6.0	3.7.0	R4	
25.133	127		Rel-4	A	RP-13	RP-010619	R4-011068	approved	Clarifications on TDD measurements and related accuracy requirements	4.1.0	4.2.0	R4	
25.133	128		R99	F	RP-13	RP-010619	R4-010930	approved	Handover delay correction	3.6.0	3.7.0	R4	
25.133	129		Rel-4	A	RP-13	RP-010619	R4-011069	approved	Handover delay correction	4.1.0	4.2.0	R4	
25.133	130		R99	F	RP-13	RP-010619	R4-010934	approved	Corrections to intra-frequency test case A.8.1.1	3.6.0	3.7.0	R4	
25.133	131		Rel-4	A	RP-13	RP-010619	R4-011071	approved	Corrections to intra-frequency test case A.8.1.1	4.1.0	4.2.0	R4	
25.133	132		R99	F	RP-13	RP-010619	R4-010964	approved	Cell Re-selection - requirement for Camped on Any Cell state	3.6.0	3.7.0	R4	
25.133	133		Rel-4	A	RP-13	RP-010619	R4-011072	approved	Cell Re-selection - requirement for Camped on Any Cell state	4.1.0	4.2.0	R4	
25.133	134		R99	F	RP-13	RP-010619	R4-010980	approved	FDD/FDD Hard Handover Testcase	3.6.0	3.7.0	R4	
25.133	135		Rel-4	A	RP-13	RP-010619	R4-011073	approved	FDD/FDD Hard Handover Testcase	4.1.0	4.2.0	R4	

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25.133	136		R99	F	RP-13	RP-010619	R4-010982	approved	Success rates in test cases	3.6.0	3.7.0	R4	
25.133	137		Rel-4	A	RP-13	RP-010619	R4-011074	approved	Success rates in test cases	4.1.0	4.2.0	R4	
25.133	138		R99	F	RP-13	RP-010619	R4-010983	approved	FDD/GSM Handover test case	3.6.0	3.7.0	R4	
25.133	139		Rel-4	A	RP-13	RP-010619	R4-011075	approved	FDD/GSM Handover test case	4.1.0	4.2.0	R4	
25.133	142		R99	F	RP-13	RP-010619	R4-011004	approved	TFC selection in the UE	3.6.0	3.7.0	R4	
25.133	143		Rel-4	A	RP-13	RP-010619	R4-011064	approved	TFC selection in the UE	4.1.0	4.2.0	R4	
25.133	144		R99	F	RP-13	RP-010619	R4-011012	approved	Periodic and event triggered reporting of GSM cells in CELL_DCH	3.6.0	3.7.0	R4	TEI4
25.133	145		Rel-4	A	RP-13	RP-010619	R4-011065	approved	Periodic and event triggered reporting of GSM cells in CELL_DCH	4.1.0	4.2.0	R4	TEI4
25.133	146		R99	F	RP-13	RP-010620	R4-011016	approved	Test conditions for GSM Carrier RSSI	3.6.0	3.7.0	R4	
25.133	147		Rel-4	A	RP-13	RP-010620	R4-011066	approved	Test conditions for GSM Carrier RSSI	4.1.0	4.2.0	R4	
25.133	148		R99	F	RP-13	RP-010620	R4-011094	approved	Transport Channel BER accuracy requirement	3.6.0	3.7.0	R4	
25.133	149		Rel-4	A	RP-13	RP-010620	R4-011096	approved	Transport Channel BER accuracy requirement	4.1.0	4.2.0	R4	
25.133	150		R99	F	RP-13	RP-010620	R4-011108	approved	Clarification to Requirement classification for statistical testing	3.6.0	3.7.0	R4	
25.133	151		Rel-4	A	RP-13	RP-010620	R4-011263	approved	Clarification to Requirement classification for statistical testing	4.1.0	4.2.0	R4	
25.133	152		R99	F	RP-13	RP-010620	R4-011109	approved	Correction to FDD/TDD cell re-selection test case	3.6.0	3.7.0	R4	
25.133	153		Rel-4	A	RP-13	RP-010620	R4-011262	approved	Correction to FDD/TDD cell re-selection test case	4.1.0	4.2.0	R4	
25.133	154		R99	F	RP-13	RP-010620	R4-011139	approved	Editorial corrections to UTRAN measurements in section 9.2	3.6.0	3.7.0	R4	
25.133	155		Rel-4	A	RP-13	RP-010620	R4-011271	approved	Editorial corrections to UTRAN measurements in section 9.2	4.1.0	4.2.0	R4	
25.133	156		R99	F	RP-13	RP-010620	R4-011194	approved	RACH reporting	3.6.0	3.7.0	R4	
25.133	157		Rel-4	A	RP-13	RP-010620	R4-011261	approved	RACH reporting	4.1.0	4.2.0	R4	
25.133	158		R99	F	RP-13	RP-010620	R4-011200	approved	Correction for Test Case A.8.1.3	3.6.0	3.7.0	R4	
25.133	159		Rel-4	A	RP-13	RP-010620	R4-011276	approved	Correction for Test Case A.8.1.3	4.1.0	4.2.0	R4	
25.133	160		R99	F	RP-13	RP-010620	R4-011215	approved	UTRAN to GSM cell re-selection test cases	3.6.0	3.7.0	R4	
25.133	161		Rel-4	A	RP-13	RP-010620	R4-011275	approved	UTRAN to GSM cell re-selection test cases	4.1.0	4.2.0	R4	
25.133	162		R99	F	RP-13	RP-010620	R4-011226	approved	Requirement for the monitor list	3.6.0	3.7.0	R4	
25.133	163		Rel-4	A	RP-13	RP-010620	R4-011264	approved	Requirement for the monitor list	4.1.0	4.2.0	R4	
25.133	164		R99	F	RP-13	RP-010620	R4-011300	approved	Correction for event triggered report	3.6.0	3.7.0	R4	
25.133	165		Rel-4	A	RP-13	RP-010620	R4-011351	approved	Correction for event triggered report	4.1.0	4.2.0	R4	
25.133	166		R99	F	RP-13	RP-010621	R4-011307	approved	Cell Re-selection in CELL_FACH test case	3.6.0	3.7.0	R4	
25.133	167		Rel-4	A	RP-13	RP-010621	R4-011308	approved	Cell Re-selection in CELL_FACH test case	4.1.0	4.2.0	R4	
25.133	168		R99	F	RP-13	RP-010621	R4-011327	approved	Correction for RRC re-establishment delay	3.6.0	3.7.0	R4	
25.133	169		Rel-4	A	RP-13	RP-010621	R4-011350	approved	Correction for RRC re-establishment delay	4.1.0	4.2.0	R4	
25.133	170		R99	F	RP-13	RP-010621	R4-011328	approved	Correction for section 5	3.6.0	3.7.0	R4	
25.133	171		Rel-4	A	RP-13	RP-010621	R4-011349	approved	Correction for section 5	4.1.0	4.2.0	R4	
25.133	172		R99	F	RP-13	RP-010621	R4-011336	approved	Section 4	3.6.0	3.7.0	R4	

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25.133	173		Rel-4	A	RP-13	RP-010621	R4-011339	approved	Section 4	4.1.0	4.2.0	R4	
25.133	174		R99	F	RP-13	RP-010621	R4-011337	approved	Section 8	3.6.0	3.7.0	R4	
25.133	175		Rel-4	A	RP-13	RP-010621	R4-011340	approved	Section 8	4.1.0	4.2.0	R4	
25.133	176		R99	F	RP-13	RP-010621	R4-011347	approved	Cell reselection test cases in CELL_FACH state	3.6.0	3.7.0	R4	
25.133	177		Rel-4	A	RP-13	RP-010621	R4-011348	approved	Cell reselection test cases in CELL_FACH state	4.1.0	4.2.0	R4	
25.133	178		R99	F	RP-13	RP-010621	R4-010883	approved	Correction for FDD to TDD HO requirement	3.6.0	3.7.0	R4	
25.133	179		Rel-4	A	RP-13	RP-010621	R4-011067	approved	Correction for FDD to TDD HO requirement	4.1.0	4.2.0	R4	
25.133	180		R99	F	RP-13	RP-010621	R4-011216	approved	Correction of UE positioning measurements	3.6.0	3.7.0	R4	
25.133	181		Rel-4	B	RP-13	RP-010631	R4-011001	approved	UTRAN SFN-SFN observed time difference	4.1.0	4.2.0	R4	TEI4
25.133	182		Rel-4	F	RP-13	RP-010631	R4-011142	approved	Correction of UE positioning measuremets	4.1.0	4.2.0	R4	
25.133	183		Rel-4	F	RP-13	RP-010631	R4-011143	approved	RACH Propagation delay accuracy	4.1.0	4.2.0	R4	TEI4
25.133	184		Rel-5	B	RP-13	RP-010636	R4-011326	approved	CPCH Performance	4.1.0	5.0.0	R4	TEI
25.133	185		R99	F	RP-13	RP-010621	R4-011305	approved	TFC state change description	3.6.0	3.7.0	R4	
25.133	186		Rel-4	A	RP-13	RP-010621	R4-011341	approved	TFC state change description	4.1.0	4.2.0	R4	
25.141	097		R99	F	RP-13	RP-010622	R4-010820	approved	Corrections to performance requirements.	3.6.0	3.7.0	R4	
25.141	098		Rel-4	A	RP-13	RP-010622	R4-011078	approved	Corrections to performance requirements.	4.1.0	4.2.0	R4	
25.141	099		R99	F	RP-13	RP-010622	R4-010822	approved	Correction to PCDE test	3.6.0	3.7.0	R4	
25.141	100		Rel-4	A	RP-13	RP-010622	R4-011079	approved	Correction to PCDE test	4.1.0	4.2.0	R4	
25.141	101		R99	F	RP-13	RP-010622	R4-010944	approved	CR to 25.141 Measurement uncertainty issues	3.6.0	3.7.0	R4	
25.141	102		Rel-4	A	RP-13	RP-010622	R4-011080	approved	CR to 25.141 Measurement uncertainty issues	4.1.0	4.2.0	R4	
25.141	103		R99	F	RP-13	RP-010622	R4-010989	approved	Clarification of EVM and PCDE tests	3.6.0	3.7.0	R4	
25.141	104		Rel-4	A	RP-13	RP-010622	R4-011081	approved	Clarification of EVM and PCDE tests	4.1.0	4.2.0	R4	
25.141	105		R99	F	RP-13	RP-010622	R4-011208	approved	Correction of frequency range for receiver spurious emission requirements	3.6.0	3.7.0	R4	
25.141	106		Rel-4	A	RP-13	RP-010622	R4-011279	approved	Correction of frequency range for receiver spurious emission requirements	4.1.0	4.2.0	R4	
25.141	107		R99	F	RP-13	RP-010622	R4-011278	approved	BS configuration for multi-carrier test cases	3.6.0	3.7.0	R4	
25.141	108		Rel-4	A	RP-13	RP-010622	R4-011352	approved	BS configuration for multi-carrier test cases	4.1.0	4.2.0	R4	
25.141	109		R99	F	RP-13	RP-010622	R4-011291	approved	Definition of "classical Doppler spectrum"	3.6.0	3.7.0	R4	
25.141	110		Rel-4	A	RP-13	RP-010622	R4-011295	approved	Definition of "classical Doppler spectrum"	4.1.0	4.2.0	R4	
25.141	111		R99	F	RP-13	RP-010622	R4-011312	approved	S-CCPCH timing offset change to test models	3.6.0	3.7.0	R4	
25.141	112		Rel-4	A	RP-13	RP-010622	R4-011319	approved	S-CCPCH timing offset change to test models	4.1.0	4.2.0	R4	
25.141	113		R99	F	RP-13	RP-010622	R4-011315	approved	Correction of spectrum emission mask requirement	3.6.0	3.7.0	R4	
25.141	114		Rel-4	A	RP-13	RP-010622	R4-011353	approved	Correction of spectrum emission mask requirement	4.1.0	4.2.0	R4	
25.141	115		Rel-4	F	RP-13	RP-010632	R4-011009	approved	RACH message and preamble testcases for static and multipath fading case 3	4.1.0	4.2.0	R4	TEI4
25.141	116		Rel-5	B	RP-13	RP-010636	R4-011325	approved	CPCH Performance	4.1.0	5.0.0	R4	TEI
25.142	065		R99	F	RP-13	RP-010623	R4-010828	approved	Clarification of AWGN interferer definition	3.6.0	3.7.0	R4	
25.142	066		Rel-4	A	RP-13	RP-010623	R4-011082	approved	Clarification of AWGN interferer definition	4.1.0	4.2.0	R4	
25.142	067		R99	F	RP-13	RP-010623	R4-010831	approved	Measurement uncertainty	3.6.0	3.7.0	R4	
25.142	068		Rel-4	A	RP-13	RP-010623	R4-011083	approved	Measurement uncertainty	4.1.0	4.2.0	R4	

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25.142	069		R99	F	RP-13	RP-010623	R4-010946	approved	Receiver spurious emissions for co-located base stations	3.6.0	3.7.0	R4	
25.142	070		Rel-4	A	RP-13	RP-010623	R4-011084	approved	Receiver spurious emissions for co-located base stations	4.1.0	4.2.0	R4	
25.142	071		R99	F	RP-13	RP-010623	R4-011120	approved	CR to TS 25.142 Measurement uncertainty issues	3.6.0	3.7.0	R4	
25.142	072		Rel-4	A	RP-13	RP-010623	R4-011121	approved	CR to TS 25.142 Measurement uncertainty issues	4.1.0	4.2.0	R4	
25.142	073		R99	F	RP-13	RP-010623	R4-011135	approved	Power and ACLR definition corrections	3.6.0	3.7.0	R4	
25.142	074		Rel-4	A	RP-13	RP-010623	R4-011085	approved	Power and ACLR definition corrections	4.1.0	4.2.0	R4	
25.142	075		R99	F	RP-13	RP-010623	R4-011182	approved	Minimum transmit power test condition alignment with PC dynamic range test conditions.	3.6.0	3.7.0	R4	
25.142	076		Rel-4	A	RP-13	RP-010623	R4-011283	approved	Minimum transmit power test condition alignment with PC dynamic range test conditions.	4.1.0	4.2.0	R4	
25.142	077		R99	F	RP-13	RP-010623	R4-011280	approved	Correction of frequency range for receiver spurious emissions	3.6.0	3.7.0	R4	
25.142	078		Rel-4	A	RP-13	RP-010623	R4-011281	approved	Correction of frequency range for receiver spurious emissions	4.1.0	4.2.0	R4	
25.142	079		R99	F	RP-13	RP-010623	R4-011292	approved	Definition of "classical Doppler spectrum"	3.6.0	3.7.0	R4	
25.142	080		Rel-4	A	RP-13	RP-010623	R4-011296	approved	Definition of "classical Doppler spectrum"	4.1.0	4.2.0	R4	
25.142	081		Rel-4	B	RP-13	RP-010633	R4-010826	approved	Differential accuracy of P-CCPCH power	4.1.0	4.2.0	R4	TEI4
25.142	082		Rel-4	F	RP-13	RP-010633	R4-010949	approved	Receiver spurious emissions for co-located base stations 1.28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.142	083		Rel-4	F	RP-13	RP-010633	R4-011122	approved	Correction of Test Requirements for Dynamic Range (1,28 Mcps TDD option)	4.1.0	4.2.0	R4	LCRTDD-RF
25.142	084		Rel-4	F	RP-13	RP-010633	R4-011124	approved	Inclusion of test conditions for the 1,28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.142	085		Rel-4	F	RP-13	RP-010633	R4-011136	approved	Power and ACLR definition corrections for 1.28 Mcps TDD option	4.1.0	4.2.0	R4	LCRTDD-RF
25.142	086		Rel-4	F	RP-13	RP-010633	R4-011282	approved	Correction of frequency range for receiver spurious emissions (1,28 Mcps TDD option)	4.1.0	4.2.0	R4	LCRTDD-RF
25.143	002		Rel-4	F	RP-13	RP-010634	R4-010903	approved	Correct Uncertainties, Precise wording, Editorial changes	4.1.0	4.2.0	R4	RInImp-REP
25.143	003		Rel-4	F	RP-13	RP-010634	R4-011091	approved	Editorial changes: spelling, lost pictures	4.1.0	4.2.0	R4	
25.143	004		Rel-4	F	RP-13	RP-010634	R4-011310	approved	Clarification in spectrum emission mask	4.1.0	4.2.0	R4	
25.211	110	2	R99	F	RP-13	RP-010518	R1-010979	approved	Correction to DPCH/PDSCH timing	3.7.0	3.8.0	R1	TEI
25.211	111	2	Rel-4	A	RP-13	RP-010518	R1-010979	approved	Correction to DPCH/PDSCH timing	4.1.0	4.2.0	R1	TEI
25.211	112	2	R99	F	RP-13	RP-010518	R1-010975	approved	Clarification of the usage of Tx diversity modes in Soft HOV	3.7.0	3.8.0	R1	TEI
25.211	113	1	R99	F	RP-13	RP-010518	R1-010923	revised	Removal of another reference to FACH beamforming	3.7.0	3.8.0	R1	TEI
25.211	113	2	R99	F	RP-13	RP-010709	R1-010923	approved	Removal of another reference to FACH	3.7.0	3.8.0	R1	TEI

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									beamforming				
25.211	114	1	Rel-4	A	RP-13	RP-010518	R1-010923	revised	Removal of another reference to FACH beamforming	4.1.0	4.2.0	R1	TEI
25.211	114	2	Rel-4	A	RP-13	RP-010709	R1-010923	approved	Removal of another reference to FACH beamforming	4.1.0	4.2.0	R1	TEI
25.211	117	1	R99	F	RP-13	RP-010518	R1-010751	approved	Clarification of STTD	3.7.0	3.8.0	R1	TEI
25.211	118	1	Rel-4	A	RP-13	RP-010518	R1-010751	approved	Clarification of STTD	4.1.0	4.2.0	R1	TEI
25.211	121	1	Rel-4	A	RP-13	RP-010518	R1-010975	approved	Clarification of the usage of Tx diversity modes in Soft HOV	4.1.0	4.2.0	R1	TEI
25.212	114		R99	F	RP-13	RP-010519	R1-010774	approved	Correction of PDSCH spreading factor signalling	3.6.0	3.7.0	R1	TEI
25.212	115		Rel-4	A	RP-13	RP-010519	R1-010774	approved	Correction of PDSCH spreading factor signalling	4.1.0	4.2.0	R1	TEI
25.214	191		R99	F	RP-13	RP-010520	R1-010814	approved	Corrections and Clarifications for calculation of idle period position in subclause 8.3 in 25.214	3.7.0	3.8.0	R1	TEI
25.214	192		Rel-4	A	RP-13	RP-010520	R1-010814	approved	Corrections and Clarifications for calculation of idle period position in subclause 8.3 in 25.214	4.1.0	4.2.0	R1	TEI
25.214	193	1	R99	F	RP-13	RP-010520	R1-010931	approved	Minor modifications to the CPCH access procedure	3.7.0	3.8.0	R1	TEI
25.214	194	1	Rel-4	A	RP-13	RP-010520	R1-010931	approved	Minor modifications to the CPCH access procedure	4.1.0	4.2.0	R1	TEI
25.214	195	1	Rel-4	F	RP-13	RP-010527	R1-010904	approved	Enhanced PDSCH power control clarification	4.1.0	4.2.0	R1	RInImp-DSCHsho
25.214	196		R99	F	RP-13	RP-010520	R1-010836	approved	Downlink power control in compressed mode	3.7.0	3.8.0	R1	TEI
25.214	197		Rel-4	A	RP-13	RP-010520	R1-010836	approved	Downlink power control in compressed mode	4.1.0	4.2.0	R1	TEI
25.214	198	1	R99	F	RP-13	RP-010520	R1-010927	approved	Improvements of closed loop TX diversity description	3.7.0	3.8.0	R1	TEI
25.214	199	1	Rel-4	A	RP-13	RP-010520	R1-010927	approved	Improvements of closed loop TX diversity description	4.1.0	4.2.0	R1	TEI
25.214	200	1	R99	F	RP-13	RP-010520	R1-010926	approved	Correction to Random access procedure (Primitive from MAC)	3.7.0	3.8.0	R1	TEI
25.214	201	1	Rel-4	A	RP-13	RP-010520	R1-010926	approved	Correction to Random access procedure (Primitive from MAC)	4.1.0	4.2.0	R1	TEI
25.214	204	1	R99	F	RP-13	RP-010677		revised	Proposed CR to TS25.214: Clarification of the SSDT behaviour with beam forming	3.7.0	3.8.0	R1	
25.214	204	2	R99	F	RP-13	RP-010710		withdrawn	Proposed CR to TS25.214: Clarification of the SSDT behaviour with beam forming	3.7.0	3.8.0	R1	
25.214	205	1	Rel-4	A	RP-13	RP-010677		revised	Proposed CR to TS25.214: Clarification of the SSDT behaviour with beam forming	4.1.0	4.2.0	R1	
25.214	205	2	Rel-4	A	RP-13	RP-010710		withdrawn	Proposed CR to TS25.214: Clarification of the SSDT behaviour with beam forming	4.1.0	4.2.0	R1	
25.215	095		R99	F	RP-13	RP-010521	R1-010842	approved	Removal of the BLER measurement of the BCH	3.7.0	3.8.0	R1	TEI
25.215	096		Rel-4	A	RP-13	RP-010521	R1-010842	approved	Removal of the BLER measurement of the BCH	4.1.0	4.2.0	R1	TEI
25.221	056		R99	F	RP-13	RP-010522	R1-010781	approved	TFCI Terminology	3.7.0	3.8.0	R1	TEI
25.221	057		Rel-4	A	RP-13	RP-010522	R1-010781	approved	TFCI Terminology	4.1.0	4.2.0	R1	TEI
25.221	058	1	Rel-4	F	RP-13	RP-010528	R1-010967	approved	Corrections for TS 25.221	4.1.0	4.2.0	R1	LCRTDD-Phys
25.221	060		R99	F	RP-13	RP-010522	R1-010933	approved	Clarification of notations in TS25.221 and	3.7.0	3.8.0	R1	TEI

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									TS25.223				
25.221	061		R99	F	RP-13	RP-010522	R1-010811	approved	Addition and correction of the reference	3.7.0	3.8.0	R1	TEI
25.221	062		Rel-4	A	RP-13	RP-010522	R1-010811	approved	Addition and correction of the reference	4.1.0	4.2.0	R1	TEI
25.221	063		Rel-4	A	RP-13	RP-010522	R1-010933	approved	Clarification of notations in TS25.221 and TS25.223	4.1.0	4.2.0	R1	TEI
25.222	056		R99	F	RP-13	RP-010523	R1-010781	approved	TFCI Terminology	3.6.0	3.7.0	R1	TEI
25.222	057		Rel-4	A	RP-13	RP-010523	R1-010781	approved	TFCI Terminology	4.0.0	4.1.0	R1	TEI
25.222	058		Rel-4	F	RP-13	RP-010529	R1-010784	approved	5ms TTI for PRACH for 1.28 Mcps TDD	4.0.0	4.1.0	R1	LCRTDD-Phys
25.222	060		Rel-4	F	RP-13	RP-010529	R1-010812	approved	A correction on the meaning of FPACH in TS 25.222	4.0.0	4.1.0	R1	LCRTDD-Phys
25.223	020	2	R99	F	RP-13	RP-010524	R1-010966	approved	Clarification of notations in TS25.221 and TS25.223	3.6.0	3.7.0	R1	TEI
25.223	021	1	Rel-4	A	RP-13	RP-010524	R1-010966	approved	Clarification of notations in TS25.221 and TS25.223	4.1.0	4.2.0	R1	TEI
25.223	022	1	Rel-4	F	RP-13	RP-010530	R1-010966	approved	Clarification of notations in TS25.221 and TS25.223	4.1.0	4.2.0	R1	LCRTDD-Phys
25.224	060		Rel-4	F	RP-13	RP-010531	R1-010786	approved	Corrections for TS 25.224	4.1.0	4.2.0	R1	LCRTDD-Phys
25.224	061		Rel-4	F	RP-13	RP-010531	R1-010813	approved	Corrections and Clarifications for calculation of idle period position in subclause 4.10.3 in 25.224	4.1.0	4.2.0	R1	LCS1-Uepos
25.224	062	1	Rel-4	F	RP-13	RP-010531	R1-010895	approved	Corrections of Annex E in 25.224	4.1.0	4.2.0	R1	LCRTDD-Phys
25.224	063	1	R99	F	RP-13	RP-010525	R1-010943	approved	Correction of criteria for OOS indication	3.7.0	3.8.0	R1	TEI
25.224	064	1	Rel-4	A	RP-13	RP-010525	R1-010943	approved	Correction of criteria for OOS indication	4.1.0	4.2.0	R1	TEI
25.225	031		Rel-4	F	RP-13	RP-010532	R1-010782	revised	RxTiming Deviation for 1.28 Mcps TDD	4.1.0	4.2.0	R1	LCRTDD-Phys
25.225	031	1	Rel-4	F	RP-13	RP-010707	R1-010782	approved	RxTiming Deviation for 1.28 Mcps TDD	4.1.0	4.2.0	R1	LCRTDD-Phys
25.225	032		Rel-4	F	RP-13	RP-010532	R1-010783	approved	SFN-SFN type 1 for 1.28 Mcps TDD	4.1.0	4.2.0	R1	LCRTDD-Phys
25.225	033		R99	F	RP-13	RP-010526	R1-010934	approved	Clarification of the Beacon Measurement in TS25.225	3.7.0	3.8.0	R1	TEI
25.225	034		Rel-4	A	RP-13	RP-010526	R1-010934	approved	Clarification of the Beacon Measurement in TS25.225	4.1.0	4.2.0	R1	TEI
25.302	097	3	R99	F	RP-13	RP-010537	R2-011913	approved	Transmission of selected ASC to physical layer	3.9.0	3.10.0	R2	TEI
25.302	098		Rel-4	A	RP-13	RP-010537	R2-012033	approved	Transmission of selected ASC to physical layer	4.1.0	4.2.0	R2	TEI
25.302	107	1	R99	F	RP-13	RP-010537	R2-012006	approved	Corrected definition of the CCTrCH concerning BCH, RACH and CPCH	3.9.0	3.10.0	R2	TEI
25.302	108		Rel-4	A	RP-13	RP-010537	R2-012188	approved	Corrected definition of the CCTrCH concerning BCH, RACH and CPCH	4.1.0	4.2.0	R2	TEI
25.302	109	1	R99	F	RP-13	RP-010537	R2-012034	approved	Transport Format Set Annex Correction	3.9.0	3.10.0	R2	TEI
25.302	110		Rel-4	A	RP-13	RP-010537	R2-012035	approved	Transport Format Set Annex Correction	4.1.0	4.2.0	R2	TEI
25.302	111	1	R99	F	RP-13	RP-010537	R2-012007	approved	Corrections on un-supported features	3.9.0	3.10.0	R2	TEI
25.302	112		Rel-4	A	RP-13	RP-010537	R2-012008	approved	Corrections on un-supported features	4.1.0	4.2.0	R2	TEI
25.303	050		R99	F	RP-13	RP-010538	R2-011892	approved	SRNS relocation and header compression protocol	3.8.0	3.9.0	R2	TEI
25.303	051		Rel-4	A	RP-13	RP-010538	R2-012009	approved	SRNS relocation and header compression protocol	4.1.0	4.2.0	R2	TEI

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25.303	052		R99	F	RP-13	RP-010538	R2-011948	approved	Correction of Active Set Update procedure	3.8.0	3.9.0	R2	TEI
25.303	053		Rel-4	A	RP-13	RP-010538	R2-012010	approved	Correction of Active Set Update procedure	4.1.0	4.2.0	R2	TEI
25.303	056	2	R99	F	RP-13	RP-010538	R2-012171	approved	Corrections to SRNS relocation	3.8.0	3.9.0	R2	TEI
25.303	057		Rel-4	A	RP-13	RP-010538	R2-012172	approved	Corrections to SRNS relocation	4.1.0	4.2.0	R2	TEI
25.304	079		R99	F	RP-13	RP-010539	R2-011856	approved	Clarification to usage of measurement thresholds for HCS	3.7.0	3.8.0	R2	TEI
25.304	080		Rel-4	A	RP-13	RP-010539	R2-012011	approved	Clarification to usage of measurement thresholds for HCS	4.1.0	4.2.0	R2	TEI
25.304	081		R99	F	RP-13	RP-010539	R2-011901	approved	Definition of strongest cell in cell search procedures	3.7.0	3.8.0	R2	TEI
25.304	082		Rel-4	A	RP-13	RP-010539	R2-012012	approved	Definition of strongest cell in cell search procedures	4.1.0	4.2.0	R2	TEI
25.304	083	1	R99	F	RP-13	RP-010539	R2-012013	approved	Miscellaneous corrections	3.7.0	3.8.0	R2	TEI
25.304	084		Rel-4	A	RP-13	RP-010539	R2-012014	approved	Miscellaneous corrections	4.1.0	4.2.0	R2	TEI
25.304	085		R99	F	RP-13	RP-010539	R2-011944	approved	Correction to cells reserved for operator use	3.7.0	3.8.0	R2	TEI
25.304	086		Rel-4	A	RP-13	RP-010539	R2-012133	approved	Correction to cells reserved for operator use	4.1.0	4.2.0	R2	TEI
25.304	087	1	R99	F	RP-13	RP-010539	R2-012134	approved	Service type also valid in connected mode	3.7.0	3.8.0	R2	TEI
25.304	088		Rel-4	A	RP-13	RP-010539	R2-012176	approved	Service type also valid in connected mode	4.1.0	4.2.0	R2	TEI
25.304	089		R99	F	RP-13	RP-010539	R2-012139	approved	Cell Access Restrictions for emergency calls	3.7.0	3.8.0	R2	TEI
25.304	090		Rel-4	A	RP-13	RP-010539	R2-012189	approved	Cell Access Restrictions for emergency calls	4.1.0	4.2.0	R2	TEI
25.305	060	1	Rel-5	B	RP-13	RP-010556	R2-012150	approved	Support for all Rel. 4 positioning methods in standalone SMLC	5.1.0	5.2.0	R2	LCS-Rel4Pos
25.306	016	1	R99	F	RP-13	RP-010540	R2-012030	approved	Maximum number of simultaneous transport channels	3.2.0	3.3.0	R2	TEI
25.306	017		Rel-4	A	RP-13	RP-010540	R2-012031	approved	Maximum number of simultaneous transport channels	4.1.0	4.2.0	R2	TEI
25.306	018		R99	F	RP-13	RP-010540	R2-011903	approved	Clarification of FDD physical channel parameters	3.2.0	3.3.0	R2	TEI
25.306	019		Rel-4	A	RP-13	RP-010540	R2-012016	approved	Clarification of FDD physical channel parameters	4.1.0	4.2.0	R2	TEI
25.306	020		R99	F	RP-13	RP-010540	R2-011972	approved	Support of dedicated pilots for channel estimation	3.2.0	3.3.0	R2	TEI
25.306	021		Rel-4	A	RP-13	RP-010540	R2-012017	approved	Support of dedicated pilots for channel estimation	4.1.0	4.2.0	R2	TEI
25.306	022	1	R99	F	RP-13	RP-010540	R2-012117	approved	Correction of UE capabilities regarding Rx-Tx time difference type 2 measurements	3.2.0	3.3.0	R2	TEI
25.306	023		Rel-4	A	RP-13	RP-010540	R2-012153	approved	Correction of UE capabilities regarding Rx-Tx time difference type 2 measurements	4.1.0	4.2.0	R2	TEI
25.307	001	1	Rel-4	F	RP-13	RP-010558		approved	Correction to create Release 4	3.0.0	4.0.0	R2	TEI4
25.321	084	1	R99	F	RP-13	RP-010541	R2-012021	approved	Setting of UE Id in MAC	3.8.0	3.9.0	R2	TEI
25.321	085		Rel-4	A	RP-13	RP-010541	R2-012022	approved	Setting of UE Id in MAC	4.1.0	4.2.0	R2	TEI
25.321	086		R99	F	RP-13	RP-010541	R2-011858	approved	MAC ASC selection operation when access class is used to determine ASC	3.8.0	3.9.0	R2	TEI
25.321	087		Rel-4	A	RP-13	RP-010541	R2-012023	approved	MAC ASC selection operation when access	4.1.0	4.2.0	R2	TEI

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
									class is used to determine ASC				
25.321	088	1	R99	F	RP-13	RP-010541	R2-012024	approved	Addition of neighbour cell BCH to MAC-b model for the UE	3.8.0	3.9.0	R2	TEI
25.321	089		Rel-4	A	RP-13	RP-010541	R2-012025	approved	Addition of neighbour cell BCH to MAC-b model for the UE	4.1.0	4.2.0	R2	TEI
25.321	090	1	R99	F	RP-13	RP-010541	R2-012101	postponed	Cautionary Note for Interfrequency Measurements in Cell-FACH	3.8.0	3.9.0	R2	TEI
25.321	091		Rel-4	A	RP-13	RP-010541	R2-012135	postponed	Cautionary Note for Interfrequency Measurements in Cell-FACH	4.1.0	4.2.0	R2	TEI
25.321	092	2	R99	F	RP-13	RP-010541	R2-012155	approved	Clarification on TFC selection	3.8.0	3.9.0	R2	TEI
25.321	093	1	Rel-4	A	RP-13	RP-010541	R2-012191	approved	Clarification on TFC selection	4.1.0	4.2.0	R2	TEI
25.322	141	1	R99	F	RP-13	RP-010542	R2-012187	approved	General clarifications	3.7.0	3.8.0	R2	TEI
25.322	142		Rel-4	A	RP-13	RP-010542	R2-012193	approved	General clarifications	4.1.0	4.2.0	R2	TEI
25.322	149	1	R99	F	RP-13	RP-010542	R2-012157	approved	Correction to RLC state variables	3.7.0	3.8.0	R2	TEI
25.322	150		Rel-4	A	RP-13	RP-010542	R2-012158	approved	Correction to RLC state variables	4.1.0	4.2.0	R2	TEI
25.323	026		Rel-4	F	RP-13	RP-010553	R2-011851	approved	Selection of the RFC 3095 CID transmission	4.1.0	4.2.0	R2	RANimp-RABSE
25.323	027		R99	F	RP-13	RP-010543	R2-011893	approved	Header compression protocol reinitialisation during SRNS relocation	3.5.0	3.6.0	R2	TEI
25.323	028		Rel-4	A	RP-13	RP-010543	R2-012164	approved	Header compression protocol reinitialisation during SRNS relocation	4.1.0	4.2.0	R2	TEI
25.323	029	1	R99	F	RP-13	RP-010543	R2-012167	approved	PDCP SDU Sequence Numbering	3.5.0	3.6.0	R2	TEI
25.323	030		Rel-4	A	RP-13	RP-010543	R2-012194	approved	PDCP SDU Sequence Numbering	4.1.0	4.2.0	R2	TEI
25.323	035	1	R99	F	RP-13	RP-010543	R2-012165	approved	Corrections to PDCP	3.5.0	3.6.0	R2	TEI
25.323	036		Rel-4	A	RP-13	RP-010543	R2-012166	approved	Corrections to PDCP	4.1.0	4.2.0	R2	TEI
25.331	0869	3	R99	F	RP-13	RP-010544	R2-012043	approved	UL Transport Channel Type Correction	3.7.0	3.8.0	R2	TEI
25.331	0870		Rel-4	A	RP-13	RP-010544	R2-012044	approved	UL Transport Channel Type Correction	4.1.0	4.2.0	R2	TEI
25.331	0907	1	R99	F	RP-13	RP-010544	R2-011995	approved	Guidelines concerning conditions, spares, defaults and correction of inconsistencies	3.7.0	3.8.0	R2	TEI
25.331	0908		Rel-4	A	RP-13	RP-010544	R2-012074	approved	Guidelines concerning conditions, spares, defaults and correction of inconsistencies	4.1.0	4.2.0	R2	TEI
25.331	0909	1	R99	F	RP-13	RP-010544	R2-012045	approved	Correction to TDD DL DPCH Common Timeslot Info	3.7.0	3.8.0	R2	TEI
25.331	0910		Rel-4	A	RP-13	RP-010544	R2-012046	approved	Correction to TDD DL DPCH Common Timeslot Info	4.1.0	4.2.0	R2	TEI
25.331	0911	1	R99	F	RP-13	RP-010544	R2-012047	approved	TDD System Information Update in Cell_DCH	3.7.0	3.8.0	R2	TEI
25.331	0912		Rel-4	A	RP-13	RP-010544	R2-012048	approved	TDD System Information Update in Cell_DCH	4.1.0	4.2.0	R2	TEI
25.331	0913	1	R99	F	RP-13	RP-010544	R2-012049	approved	Editorial Corrections	3.7.0	3.8.0	R2	TEI
25.331	0914		Rel-4	A	RP-13	RP-010544	R2-012050	approved	Editorial Corrections	4.1.0	4.2.0	R2	TEI
25.331	0915	1	R99	F	RP-13	RP-010544	R2-012051	approved	UL DPCH Power Control Info in TDD	3.7.0	3.8.0	R2	TEI
25.331	0916		Rel-4	A	RP-13	RP-010544	R2-012052	approved	UL DPCH Power Control Info in TDD	4.1.0	4.2.0	R2	TEI
25.331	0917	1	R99	F	RP-13	RP-010544	R2-012053	approved	CN-originated paging in CELL_PCH and URA_PCH state	3.7.0	3.8.0	R2	TEI
25.331	0918		Rel-4	A	RP-13	RP-010544	R2-012054	approved	CN-originated paging in CELL_PCH and URA_PCH state	4.1.0	4.2.0	R2	TEI

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25.331	0919	1	R99	F	RP-13	RP-010544	R2-012055	approved	Corrections to UE variable handling	3.7.0	3.8.0	R2	TEI
25.331	0920		Rel-4	A	RP-13	RP-010544	R2-012056	approved	Corrections to UE variable handling	4.1.0	4.2.0	R2	TEI
25.331	0921	1	R99	F	RP-13	RP-010544	R2-012057	approved	Inter-frequency measurements	3.7.0	3.8.0	R2	TEI
25.331	0922		Rel-4	A	RP-13	RP-010544	R2-012177	approved	Inter-frequency measurements	4.1.0	4.2.0	R2	TEI
25.331	0923	1	R99	F	RP-13	RP-010544	R2-012059	approved	Inter-RAT measurements	3.7.0	3.8.0	R2	TEI
25.331	0924		Rel-4	A	RP-13	RP-010544	R2-012178	approved	Inter-RAT measurements	4.1.0	4.2.0	R2	TEI
25.331	0925	2	R99	F	RP-13	RP-010545	R2-012179	revised	Intra-frequency measurements	3.7.0	3.8.0	R2	TEI
25.331	0925	3	R99	F	RP-13	RP-010671	R2-012212	approved	Intra-frequency measurements	3.7.0	3.8.0	R2	TEI
25.331	0926		Rel-4	A	RP-13	RP-010545	R2-012180	revised	Intra-frequency measurements	4.1.0	4.2.0	R2	TEI
25.331	0926	1	Rel-4	A	RP-13	RP-010671	R2-012213	approved	Intra-frequency measurements	4.1.0	4.2.0	R2	TEI
25.331	0927	1	R99	F	RP-13	RP-010545	R2-012078	approved	Multiplexing configuration corrections	3.7.0	3.8.0	R2	TEI
25.331	0928		Rel-4	A	RP-13	RP-010545	R2-012079	approved	Multiplexing configuration corrections	4.1.0	4.2.0	R2	TEI
25.331	0929	1	R99	F	RP-13	RP-010545	R2-012076	approved	Reception of non-dedicated control channels mapped on FACH in CELL_FACH state	3.7.0	3.8.0	R2	TEI
25.331	0930		Rel-4	A	RP-13	RP-010545	R2-012077	approved	Reception of non-dedicated control channels mapped on FACH in CELL_FACH state	4.1.0	4.2.0	R2	TEI
25.331	0931		R99	F	RP-13	RP-010545	R2-011840	approved	Removal of C-RNTI when entering CELL_DCH	3.7.0	3.8.0	R2	TEI
25.331	0932		Rel-4	A	RP-13	RP-010545	R2-012075	approved	Removal of C-RNTI when entering CELL_DCH	4.1.0	4.2.0	R2	TEI
25.331	0933		Rel-4	F	RP-13	RP-010554	R2-011841	approved	Order of bits in bitstrings	4.1.0	4.2.0	R2	LCRTDD-L23
25.331	0934	1	R99	F	RP-13	RP-010545	R2-012154	approved	TF and TFC set definition	3.7.0	3.8.0	R2	TEI
25.331	0935		Rel-4	A	RP-13	RP-010545	R2-012190	approved	TF and TFC set definition	4.1.0	4.2.0	R2	TEI
25.331	0936	1	R99	F	RP-13	RP-010545	R2-012080	approved	Correction of remaining ASN.1/Tabular inconsistencies	3.7.0	3.8.0	R2	TEI
25.331	0937		Rel-4	A	RP-13	RP-010545	R2-012081	approved	Correction of remaining ASN.1/Tabular inconsistencies	4.1.0	4.2.0	R2	TEI
25.331	0938	1	R99	F	RP-13	RP-010545	R2-012082	approved	CPICH Ec/N0 Range	3.7.0	3.8.0	R2	TEI
25.331	0939		Rel-4	A	RP-13	RP-010545	R2-012083	approved	CPICH Ec/N0 Range	4.1.0	4.2.0	R2	TEI
25.331	0940	1	R99	F	RP-13	RP-010545	R2-012084	approved	Priorities for IDNNS coding	3.7.0	3.8.0	R2	TEI
25.331	0941		Rel-4	A	RP-13	RP-010545	R2-012085	approved	Priorities for IDNNS coding	4.1.0	4.2.0	R2	TEI
25.331	0942	1	R99	F	RP-13	RP-010545	R2-012086	approved	Dedicated pilots and S-CPICH specification related to UE specific beamforming	3.7.0	3.8.0	R2	TEI
25.331	0943		Rel-4	A	RP-13	RP-010545	R2-012087	approved	Dedicated pilots and S-CPICH specification related to UE specific beamforming	4.1.0	4.2.0	R2	TEI
25.331	0944	1	R99	F	RP-13	RP-010545	R2-012032	approved	Security corrections	3.7.0	3.8.0	R2	TEI
25.331	0945		Rel-4	A	RP-13	RP-010545	R2-012182	approved	Security corrections	4.1.0	4.2.0	R2	TEI
25.331	0946		Rel-4	F	RP-13	RP-010554	R2-011852	approved	Selection of the RFC3095 CID transmission	4.1.0	4.2.0	R2	RANimp-RABSE
25.331	0952	1	R99	F	RP-13	RP-010546	R2-012112	approved	Intra-frequency measurement events for TDD corrections	3.7.0	3.8.0	R2	TEI
25.331	0953		Rel-4	A	RP-13	RP-010546	R2-012061	approved	Intra-frequency measurement events for TDD corrections	4.1.0	4.2.0	R2	TEI
25.331	0954	1	R99	F	RP-13	RP-010546	R2-012088	approved	Inconsistencies between ASN.1 and tabular format	3.7.0	3.8.0	R2	TEI
25.331	0955		Rel-4	A	RP-13	RP-010546	R2-012089	approved	Inconsistencies between ASN.1 and tabular format	4.1.0	4.2.0	R2	TEI

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25.331	0956		R99	F	RP-13	RP-010546	R2-011863	approved	TDD PICH corrections and clarifications	3.7.0	3.8.0	R2	TEI
25.331	0957		Rel-4	A	RP-13	RP-010546	R2-012090	approved	TDD PICH corrections and clarifications	4.1.0	4.2.0	R2	TEI
25.331	0958	1	R99	F	RP-13	RP-010546	R2-012073	approved	Messages on CCCH	3.7.0	3.8.0	R2	TEI
25.331	0959		Rel-4	A	RP-13	RP-010546	R2-012192	approved	Messages on CCCH	4.1.0	4.2.0	R2	TEI
25.331	0960		R99	F	RP-13	RP-010546	R2-011865	approved	Clarification of Parameter Values for Default Radio Configurations	3.7.0	3.8.0	R2	TEI
25.331	0961		Rel-4	A	RP-13	RP-010546	R2-012091	approved	Clarification of Parameter Values for Default Radio Configurations	4.1.0	4.2.0	R2	TEI
25.331	0962		R99	F	RP-13	RP-010546	R2-011866	approved	Clarification to usage of default values in "Cell Selection and Reselection for SIB11/12Info"	3.7.0	3.8.0	R2	TEI
25.331	0963		Rel-4	A	RP-13	RP-010546	R2-012092	approved	Clarification to usage of default values in "Cell Selection and Reselection for SIB11/12Info"	4.1.0	4.2.0	R2	TEI
25.331	0964		R99	F	RP-13	RP-010546	R2-011867	approved	Clarification of handling of System information block 14	3.7.0	3.8.0	R2	TEI
25.331	0965		Rel-4	A	RP-13	RP-010546	R2-012093	approved	Clarification of handling of System information block 14	4.1.0	4.2.0	R2	TEI
25.331	0966	3	R99	F	RP-13	RP-010546	R2-012094	approved	Description of UE behaviour when receiving UE positioning related information	3.7.0	3.8.0	R2	TEI
25.331	0967		Rel-4	A	RP-13	RP-010546	R2-012095	approved	Description of UE behaviour when receiving UE positioning related information	4.1.0	4.2.0	R2	TEI
25.331	0970		Rel-4	F	RP-13	RP-010554	R2-011870	approved	Correction of IPDL parameters for TDD enhancements in ASN.1 description	4.1.0	4.2.0	R2	LCS1-UEpos-enh
25.331	0971	1	Rel-4	F	RP-13	RP-010554	R2-012148	approved	1.28 Mcps TDD PICH, Midamble and UL timing advance control corrections	4.1.0	4.2.0	R2	LCRTDD-L23
25.331	0972		Rel-4	F	RP-13	RP-010554	R2-011872	approved	Introduction of 1.28 Mcps TDD Mode in clause 13.7	4.1.0	4.2.0	R2	LCRTDD-L23
25.331	0973		Rel-4	F	RP-13	RP-010554	R2-011873	approved	Tadv in 1.28 Mcps TDD	4.1.0	4.2.0	R2	LCRTDD-L23
25.331	0974		Rel-4	F	RP-13	RP-010554	R2-011874	approved	Correction and clarification to PRACH in 1.28 Mcps TDD	4.1.0	4.2.0	R2	LCRTDD-L23
25.331	0981	1	R99	F	RP-13	RP-010546	R2-012062	approved	Clarification on periodic measurement reporting	3.7.0	3.8.0	R2	TEI
25.331	0982		Rel-4	A	RP-13	RP-010546	R2-012181	approved	Clarification on periodic measurement reporting	4.1.0	4.2.0	R2	TEI
25.331	0983	2	R99	F	RP-13	RP-010546	R2-012136	approved	Corrections and clarifications on Measurement procedures description	3.7.0	3.8.0	R2	TEI
25.331	0984		Rel-4	A	RP-13	RP-010546	R2-012137	approved	Corrections and clarifications on Measurement procedures description	4.1.0	4.2.0	R2	TEI
25.331	0985		R99	F	RP-13	RP-010547	R2-011899	approved	Lossless Criteria in PDCP Info	3.7.0	3.8.0	R2	TEI
25.331	0986		Rel-4	A	RP-13	RP-010547	R2-012040	approved	Lossless Criteria in PDCP Info	4.1.0	4.2.0	R2	TEI
25.331	0987		R99	F	RP-13	RP-010547	R2-011904	approved	Corrections to cell reselection parameter values	3.7.0	3.8.0	R2	TEI
25.331	0988		Rel-4	A	RP-13	RP-010547	R2-012096	approved	Corrections to cell reselection parameter values	4.1.0	4.2.0	R2	TEI
25.331	0989	1	R99	F	RP-13	RP-010547	R2-012097	approved	Correction to signalling connection release	3.7.0	3.8.0	R2	TEI
25.331	0990		Rel-4	A	RP-13	RP-010547	R2-012098	approved	Correction to signalling connection release	4.1.0	4.2.0	R2	TEI
25.331	0991	1	R99	F	RP-13	RP-010547	R2-012099	approved	Corrections to cell update procedures	3.7.0	3.8.0	R2	TEI
25.331	0992		Rel-4	A	RP-13	RP-010547	R2-012100	approved	Corrections to cell update procedures	4.1.0	4.2.0	R2	TEI
25.331	0993		R99	F	RP-13	RP-010547	R2-011907	approved	PDCP configuration and PS domain	3.7.0	3.8.0	R2	TEI

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									configuration checks				
25.331	0994		Rel-4	A	RP-13	RP-010547	R2-012015	approved	PDCP configuration and PS domain configuration checks	4.1.0	4.2.0	R2	TEI
25.331	0995	1	R99	F	RP-13	RP-010547	R2-012140	approved	Correction to handling of RRC transaction identifier for Cell Update, URA Update and RRC connection setup	3.7.0	3.8.0	R2	TEI
25.331	0996		Rel-4	A	RP-13	RP-010547	R2-012183	approved	Correction to handling of RRC transaction identifier for Cell Update, URA Update and RRC connection setup	4.1.0	4.2.0	R2	TEI
25.331	0997	2	R99	F	RP-13	RP-010547	R2-012201	approved	Correction of UE capabilities regarding Rx-Tx time difference type 2 measurement	3.7.0	3.8.0	R2	TEI
25.331	0998	1	Rel-4	A	RP-13	RP-010547	R2-012202	approved	Correction of UE capabilities regarding Rx-Tx time difference type 2 measurement	4.1.0	4.2.0	R2	TEI
25.331	0999		R99	F	RP-13	RP-010547	R2-011910	approved	Correction to handling of IE 'Downlink info for each radio link'	3.7.0	3.8.0	R2	TEI
25.331	1000		Rel-4	A	RP-13	RP-010547	R2-012141	approved	Correction to handling of IE 'Downlink info for each radio link'	4.1.0	4.2.0	R2	TEI
25.331	1003		R99	F	RP-13	RP-010547	R2-011916	approved	Redundant IE in Traffic volume measurement system information	3.7.0	3.8.0	R2	TEI
25.331	1004		Rel-4	A	RP-13	RP-010547	R2-012068	approved	Redundant IE in Traffic volume measurement system information	4.1.0	4.2.0	R2	TEI
25.331	1005		R99	F	RP-13	RP-010547	R2-011917	approved	Editorial corrections	3.7.0	3.8.0	R2	TEI
25.331	1006		Rel-4	A	RP-13	RP-010547	R2-012107	approved	Editorial corrections	4.1.0	4.2.0	R2	TEI
25.331	1007	1	R99	F	RP-13	RP-010548	R2-012109	approved	MAC logical channel priority added to definition of RB0 and SHCCH	3.7.0	3.8.0	R2	TEI
25.331	1008		Rel-4	A	RP-13	RP-010548	R2-012110	approved	MAC logical channel priority added to definition of RB0 and SHCCH	4.1.0	4.2.0	R2	TEI
25.331	1009		R99	F	RP-13	RP-010548	R2-011919	approved	Control of primary CCPCH RSCP measurement in PUSCH CAPACITY REQUEST message	3.7.0	3.8.0	R2	TEI
25.331	1010		Rel-4	A	RP-13	RP-010548	R2-012069	approved	Control of primary CCPCH RSCP measurement in PUSCH CAPACITY REQUEST message	4.1.0	4.2.0	R2	TEI
25.331	1013	1	R99	F	RP-13	RP-010548	R2-012131	approved	Various minor corrections	3.7.0	3.8.0	R2	TEI
25.331	1014		Rel-4	A	RP-13	RP-010548	R2-012111	approved	Various minor corrections	4.1.0	4.2.0	R2	TEI
25.331	1015	1	R99	F	RP-13	RP-010548	R2-012113	approved	Range of T312	3.7.0	3.8.0	R2	TEI
25.331	1016		Rel-4	A	RP-13	RP-010548	R2-012114	approved	Range of T312	4.1.0	4.2.0	R2	TEI
25.331	1017		R99	F	RP-13	RP-010548	R2-011923	approved	Bitstring of channelisationCodeIndices	3.7.0	3.8.0	R2	TEI
25.331	1018		Rel-4	A	RP-13	RP-010548	R2-012115	approved	Bitstring of channelisationCodeIndices	4.1.0	4.2.0	R2	TEI
25.331	1019		R99	F	RP-13	RP-010548	R2-011924	approved	Transmission of UE CAPABILITY INFORMATION message	3.7.0	3.8.0	R2	TEI
25.331	1020		Rel-4	A	RP-13	RP-010548	R2-012116	approved	Transmission of UE CAPABILITY INFORMATION message	4.1.0	4.2.0	R2	TEI
25.331	1021	1	R99	F	RP-13	RP-010548	R2-012118	approved	Multiple UE capabilities procedures	3.7.0	3.8.0	R2	TEI
25.331	1022		Rel-4	A	RP-13	RP-010548	R2-012119	approved	Multiple UE capabilities procedures	4.1.0	4.2.0	R2	TEI
25.331	1023	1	R99	F	RP-13	RP-010548	R2-012120	approved	Corrections to information elements outside the	3.7.0	3.8.0	R2	TEI

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									extension container				
25.331	1024		Rel-4	A	RP-13	RP-010548	R2-012121	approved	Corrections to information elements outside the extension container	4.1.0	4.2.0	R2	TEI
25.331	1025	1	R99	F	RP-13	RP-010548	R2-012064	approved	SFN reporting	3.7.0	3.8.0	R2	TEI
25.331	1026		Rel-4	A	RP-13	RP-010548	R2-012065	approved	SFN reporting	4.1.0	4.2.0	R2	TEI
25.331	1027		R99	F	RP-13	RP-010548	R2-011928	approved	TFCI combining indicator	3.7.0	3.8.0	R2	TEI
25.331	1028		Rel-4	A	RP-13	RP-010548	R2-012156	approved	TFCI combining indicator	4.1.0	4.2.0	R2	TEI
25.331	1029	1	R99	F	RP-13	RP-010549	R2-012169	approved	RLC reset on a Signalling Radio Bearer	3.7.0	3.8.0	R2	TEI
25.331	1030		Rel-4	A	RP-13	RP-010549	R2-012170	approved	RLC reset on a Signalling Radio Bearer	4.1.0	4.2.0	R2	TEI
25.331	1033	1	R99	F	RP-13	RP-010549	R2-012071	approved	Quality Indication for UE Positioning Parameters	3.7.0	3.8.0	R2	TEI
25.331	1034		Rel-4	A	RP-13	RP-010549	R2-012072	approved	Quality Indication for UE Positioning Parameters	4.1.0	4.2.0	R2	TEI
25.331	1035		R99	F	RP-13	RP-010549	R2-011932	approved	Editorial Correction for UE Positioning	3.7.0	3.8.0	R2	TEI
25.331	1036		Rel-4	A	RP-13	RP-010549	R2-012123	approved	Editorial Correction for UE Positioning	4.1.0	4.2.0	R2	TEI
25.331	1037	1	R99	F	RP-13	RP-010549	R2-012124	approved	Clarification on the current status of ciphering	3.7.0	3.8.0	R2	TEI
25.331	1038		Rel-4	A	RP-13	RP-010549	R2-012195	approved	Clarification on the current status of ciphering	4.1.0	4.2.0	R2	TEI
25.331	1047	1	R99	F	RP-13	RP-010549	R2-012186	approved	Clarification on HFN initialization at SRB and RB setup	3.7.0	3.8.0	R2	TEI
25.331	1048		Rel-4	A	RP-13	RP-010549	R2-012196	approved	Clarification on HFN initialization at SRB and RB setup	4.1.0	4.2.0	R2	TEI
25.331	1049	1	R99	F	RP-13	RP-010549	R2-012070	approved	Clarification on Inter-RAT measurement	3.7.0	3.8.0	R2	TEI
25.331	1050		Rel-4	A	RP-13	RP-010549	R2-012197	approved	Clarification on Inter-RAT measurement	4.1.0	4.2.0	R2	TEI
25.331	1051		R99	F	RP-13	RP-010549	R2-011942	approved	Clarification on re-assembly of segments	3.7.0	3.8.0	R2	TEI
25.331	1052		Rel-4	A	RP-13	RP-010549	R2-012125	approved	Clarification on re-assembly of segments	4.1.0	4.2.0	R2	TEI
25.331	1061	1	R99	F	RP-13	RP-010549	R2-012126	approved	Minor Corrections	3.7.0	3.8.0	R2	TEI
25.331	1062		Rel-4	A	RP-13	RP-010549	R2-012127	approved	Minor Corrections	4.1.0	4.2.0	R2	TEI
25.331	1065	1	R99	F	RP-13	RP-010549	R2-012128	approved	Support of dedicated pilots for channel estimation	3.7.0	3.8.0	R2	TEI
25.331	1066		Rel-4	A	RP-13	RP-010549	R2-012129	approved	Support of dedicated pilots for channel estimation	4.1.0	4.2.0	R2	TEI
25.331	1067	2	R99	F	RP-13	RP-010549	R2-012173	approved	Correction to SRNS relocation handling	3.7.0	3.8.0	R2	TEI
25.331	1068		Rel-4	A	RP-13	RP-010549	R2-012174	approved	Correction to SRNS relocation handling	4.1.0	4.2.0	R2	TEI
25.331	1075	1	R99	F	RP-13	RP-010550	R2-012159	approved	Correction to RLC state variables	3.7.0	3.8.0	R2	TEI
25.331	1076		Rel-4	A	RP-13	RP-010550	R2-012160	approved	Correction to RLC state variables	4.1.0	4.2.0	R2	TEI
25.331	1081	1	R99	F	RP-13	RP-010550	R2-012132	approved	Reading of CN information in SIB 1 inRRC Connected Mode	3.7.0	3.8.0	R2	TEI
25.331	1082		Rel-4	A	RP-13	RP-010550	R2-012175	approved	Reading of CN information in SIB 1 inRRC Connected Mode	4.1.0	4.2.0	R2	TEI
25.331	1085	1	R99	F	RP-13	RP-010550	R2-012184	approved	Restricting the maximum amount of preconfigurations in case of equivalent PLMNs	3.7.0	3.8.0	R2	TEI
25.331	1086		Rel-4	A	RP-13	RP-010550	R2-012185	approved	Restricting the maximum amount of preconfigurations in case of equivalent PLMNs	4.1.0	4.2.0	R2	TEI
25.401	033		Rel-5	A	RP-13	RP-010575	R3-012194	approved	Uplink power control for LCR TDD	5.0.0	5.1.0	R3	LCRTDD-Iublur
25.401	034		Rel-4	A	RP-13	RP-010575	R3-012193	approved	Uplink power control for LCR TDD	4.1.0	4.2.0	R3	LCRTDD-Iublur

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.401	035		R99	F	RP-13	RP-010575	R3-012409	approved	Power control description for TDD	3.7.0	3.8.0	R3	TEI
25.401	036	2	R99	F	RP-13	RP-010575	R3-012707	approved	Clarification of coordinated DCHs	3.7.0	3.8.0	R3	TEI
25.401	037	2	Rel-4	A	RP-13	RP-010575	R3-012708	approved	Clarification of coordinated DCHs	4.1.0	4.2.0	R3	TEI
25.401	038	2	Rel-5	A	RP-13	RP-010575	R3-012709	approved	Clarification of coordinated DCHs	5.0.0	5.1.0	R3	TEI
25.402	025		Rel-4	F	RP-13	RP-010592	R3-012403	revised	Correction of the Frequency Accuracy in the Frequency Acquisition Phase	4.1.0	4.2.0	R3	RANimp-Nbsync
25.402	025	1	Rel-4	F	RP-13	RP-010705		approved	Correction of the Frequency Accuracy in the Frequency Acquisition Phase	4.1.0	4.2.0	R3	RANimp-Nbsync
25.402	026		R99	F	RP-13	RP-010576	R3-012419	approved	Notation of Time Instances	3.6.0	3.7.0	R3	TEI
25.402	027		Rel-4	A	RP-13	RP-010576	R3-012420	approved	Notation of Time Instances	4.1.0	4.2.0	R3	TEI
25.410	009	6	Rel-4	F	RP-13	RP-010593	R3-012097	revised	Iu connection principles enhancement, CS domain	4.1.0	4.2.0	R3	TrFO
25.410	009	7	Rel-4	B	RP-13	RP-010697	R3-012097	approved	Iu connection principles enhancement, CS domain	4.1.0	4.2.0	R3	TrFO
25.410	019	4	R99	F	RP-13	RP-010577	R3-012551	approved	Intersystem Change clarifications	3.4.0	3.5.0	R3	TEI
25.410	020	4	Rel-4	A	RP-13	RP-010577	R3-012624	approved	Intersystem Change clarifications	4.1.0	4.2.0	R3	TEI
25.410	021	2	Rel-4	F	RP-13	RP-010593	R3-012092	approved	Iu UP version selection	4.1.0	4.2.0	R3	TrFO
25.413	244	6	Rel-4	B	RP-13	RP-010594	R3-012098	revised	N-to-M relation between CN and UTRAN	4.1.0	4.2.0	R3	TrFO
25.413	244	7	Rel-4	B	RP-13	RP-010698	R3-012098	approved	N-to-M relation between CN and UTRAN	4.1.0	4.2.0	R3	TrFO
25.413	297	2	Rel-4	F	RP-13	RP-010594	R3-012093	approved	Clarification on User Plane Version Indication	4.1.0	4.2.0	R3	TrFO
25.413	302	7	Rel-4	F	RP-13	RP-010594	R3-012626	approved	Release 4 additions in Iu to support new positioning methods	4.1.0	4.2.0	R3	TEI
25.413	324	1	Rel-4	A	RP-13	RP-010578	R3-012503	approved	Correction to the Error handling of the ERROR INDICATION message	4.1.0	4.2.0	R3	TEI
25.413	325	1	R99	F	RP-13	RP-010578	R3-012502	approved	Correction to the Error handling of the ERROR INDICATION message	3.6.0	3.7.0	R3	TEI
25.413	326	1	Rel-4	A	RP-13	RP-010578	R3-012544	approved	Alignment of Conditional Presence with RAN3 Specification Principles	4.1.0	4.2.0	R3	TEI
25.413	327	1	R99	F	RP-13	RP-010578	R3-012543	approved	Alignment of Conditional Presence with RAN3 Specification Principles	3.6.0	3.7.0	R3	TEI
25.413	328		Rel-4	A	RP-13	RP-010578	R3-012100	approved	NAS Syncronisation Indicator also at RAB Establishment	4.1.0	4.2.0	R3	TEI
25.413	329	2	Rel-4	A	RP-13	RP-010578	R3-012641	approved	Old BSS to New BSS IE optional in UMTS to GSM handover	4.1.0	4.2.0	R3	TEI
25.413	330		Rel-4	A	RP-13	RP-010578	R3-012090	approved	Order of elements in bitstrings	4.1.0	4.2.0	R3	TEI
25.413	331		R99	F	RP-13	RP-010578	R3-012089	approved	Order of elements in bitstrings	3.6.0	3.7.0	R3	TEI
25.413	332	2	R99	F	RP-13	RP-010578	R3-012640	approved	Old BSS to New BSS IE optional in UMTS to GSM handover	3.6.0	3.7.0	R3	TEI
25.413	333		R99	F	RP-13	RP-010578	R3-012099	approved	NAS Syncronisation Indicator also at RAB Establishment	3.6.0	3.7.0	R3	TEI
25.413	336		R99	F	RP-13	RP-010578	R3-012292	approved	Data Forwarding related IEs in RELOCATION COMMAND message	3.6.0	3.7.0	R3	TEI
25.413	337		Rel-4	A	RP-13	RP-010578	R3-012293	approved	Data Forwarding related IEs in RELOCATION COMMAND message	4.1.0	4.2.0	R3	TEI

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.413	338	1	R99	F	RP-13	RP-010578	R3-012515	approved	Error handling of the Erroneously Present Conditional Ies	3.6.0	3.7.0	R3	TEI
25.413	339	1	Rel-4	A	RP-13	RP-010578	R3-012516	approved	Error handling of the Erroneously Present Conditional Ies	4.1.0	4.2.0	R3	TEI
25.413	344	1	R99	F	RP-13	RP-010578	R3-012631	approved	Rapporteurs corrections in RANAP	3.6.0	3.7.0	R3	TEI
25.413	345	1	Rel-4	A	RP-13	RP-010578	R3-012632	approved	Rapporteurs corrections in RANAP	4.1.0	4.2.0	R3	TEI
25.413	346	3	R99	F	RP-13	RP-010578	R3-012629	approved	Inconsistency in definition of parameters used in INVOKE_TRACE message	3.6.0	3.7.0	R3	TEI
25.413	347	3	Rel-4	A	RP-13	RP-010578	R3-012630	approved	Inconsistency in definition of parameters used in INVOKE_TRACE message	4.1.0	4.2.0	R3	TEI
25.413	357	1	R99	F	RP-13	RP-010578	R3-012540	approved	UP modification clarification	3.6.0	3.7.0	R3	TEI
25.413	358	1	R99	F	RP-13	RP-010579	R3-012647	approved	Clarification of chapter 10	3.6.0	3.7.0	R3	TEI
25.413	359	1	Rel-4	A	RP-13	RP-010579	R3-012648	approved	Clarification of chapter 10	4.1.0	4.2.0	R3	TEI
25.413	363	1	R99	F	RP-13	RP-010579	R3-012534	approved	Condition of SDU format information IE	3.6.0	3.7.0	R3	TEI
25.413	364	1	Rel-4	A	RP-13	RP-010579	R3-012535	approved	Condition of SDU format information IE	4.1.0	4.2.0	R3	TEI
25.413	367	1	R99	F	RP-13	RP-010579	R3-012717	approved	Relocation Requirement not to be used	3.6.0	3.7.0	R3	TEI
25.413	368	1	Rel-4	A	RP-13	RP-010579	R3-012718	approved	Relocation Requirement not to be used	4.1.0	4.2.0	R3	TEI
25.414	021	1	R99	F	RP-13	RP-010580	R3-012593	approved	Reference correction to Q.2630.1	3.7.0	3.8.0	R3	TEI
25.414	022		Rel-4	A	RP-13	RP-010580	R3-012594	approved	Reference correction to Q.2630.1	4.0.0	4.1.0	R3	TEI
25.415	062	3	Rel-4	F	RP-13	RP-010595	R3-012528	approved	Iu UP version handling (Rel 4)	4.1.0	4.2.0	R3	TrFO
25.415	067		Rel-4	A	RP-13	RP-010581	R3-012088	approved	Clarification of "RFCI n Indicator"	4.1.0	4.2.0	R3	TEI
25.415	068		R99	F	RP-13	RP-010581	R3-012087	approved	Clarification of "RFCI n Indicator"	3.7.0	3.8.0	R3	TEI
25.415	071	1	R99	F	RP-13	RP-010581	R3-012531	revised	Coding of no_data mode	3.7.0	3.8.0	R3	TEI
25.415	071	2	R99	F	RP-13	RP-010696	R3-012531	approved	Coding of no_data mode	3.7.0	3.8.0	R3	TEI
25.415	072	1	Rel-4	A	RP-13	RP-010581	R3-012532	revised	Coding of no_data mode	4.1.0	4.2.0	R3	TEI
25.415	072	2	Rel-4	A	RP-13	RP-010696	R3-012532	approved	Coding of no_data mode	4.1.0	4.2.0	R3	TEI
25.415	073	3	R99	F	RP-13	RP-010581	R3-012549	approved	General Corrections on Iu User Plane	3.7.0	3.8.0	R3	TEI
25.415	074	3	Rel-4	A	RP-13	RP-010581	R3-012550	approved	General Corrections on Iu User Plane	4.1.0	4.2.0	R3	TEI
25.419	051	1	Rel-4	A	RP-13	RP-010582	R3-012508	approved	SABP criticality	4.1.0	4.2.0	R3	TEI
25.419	052	1	Rel-4	A	RP-13	RP-010582	R3-012505	approved	Correction to the Error handling of the ERROR INDICATION message	4.1.0	4.2.0	R3	TEI
25.419	053	1	R99	F	RP-13	RP-010582	R3-012507	approved	SABP criticality	3.5.0	3.6.0	R3	TEI
25.419	054	1	R99	F	RP-13	RP-010582	R3-012504	approved	Correction to the Error handling of the ERROR INDICATION message	3.5.0	3.6.0	R3	TEI
25.419	055	1	R99	F	RP-13	RP-010582	R3-012517	approved	Error handling of the Erroneously Present Conditional Ies	3.5.0	3.6.0	R3	TEI
25.419	056	1	Rel-4	A	RP-13	RP-010582	R3-012518	approved	Error handling of the Erroneously Present Conditional Ies	4.1.0	4.2.0	R3	TEI
25.419	057	1	R99	F	RP-13	RP-010582	R3-012649	approved	Clarification of chapter 10	3.5.0	3.6.0	R3	TEI
25.419	058	1	Rel-4	A	RP-13	RP-010582	R3-012650	approved	Clarification of chapter 10	4.1.0	4.2.0	R3	TEI
25.419	059	1	R99	F	RP-13	RP-010582	R3-012633	approved	SABP General Corrections	3.5.0	3.6.0	R3	TEI
25.419	060	1	Rel-4	A	RP-13	RP-010582	R3-012634	approved	SABP General Corrections	4.1.0	4.2.0	R3	TEI
25.419	061	2	R99	F	RP-13	RP-010582	R3-012696	approved	Clarification of the usage of the Number of	3.5.0	3.6.0	R3	TEI

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
									Broadcasts Requested IE				
25.419	062	2	Rel-4	A	RP-13	RP-010582	R3-012697	approved	Clarification of the usage of the Number of Broadcasts Requested IE	4.1.0	4.2.0	R3	TEI
25.419	063		R99	F	RP-13	RP-010582	R3-012480	approved	Clarification of the usage of the SABP Reset Procedure	3.5.0	3.6.0	R3	TEI
25.419	064	1	Rel-4	A	RP-13	RP-010582	R3-012637	approved	Clarification of the usage of the SABP Reset Procedure	4.1.0	4.2.0	R3	TEI
25.419	065	2	R99	F	RP-13	RP-010582	R3-012698	approved	Clarification of the usage of the Service Areas List IE within the Reset Procedure	3.5.0	3.6.0	R3	TEI
25.419	066	2	Rel-4	A	RP-13	RP-010582	R3-012699	approved	Clarification of the usage of the Service Areas List IE within the Reset Procedure	4.1.0	4.2.0	R3	TEI
25.423	370	3	R99	F	RP-13	RP-010583	R3-012210	approved	Ambiguity in CM handling	3.6.0	3.7.0	R3	TEI
25.423	371	2	Rel-4	A	RP-13	RP-010583	R3-012211	approved	Ambiguity in CM handling	4.1.0	4.2.0	R3	TEI
25.423	415		Rel-4	F	RP-13	RP-010596	R3-012254	approved	Clarification on the reference of the "Neighbouring TDD Cell Information LCR"	4.1.0	4.2.0	R3	LCRTDD-IublIur
25.423	416	1	Rel-4	A	RP-13	RP-010583	R3-012557	approved	Corrections to the DSCH Code Mapping IE	4.1.0	4.2.0	R3	TEI
25.423	417		R99	F	RP-13	RP-010583	R3-012240	approved	Transport bearer replacement clarification	3.6.0	3.7.0	R3	TEI
25.423	418		Rel-4	A	RP-13	RP-010583	R3-012241	approved	Transport bearer replacement clarification	4.1.0	4.2.0	R3	TEI
25.423	420	2	Rel-4	F	RP-13	RP-010596	R3-012658	approved	Allowed Combinations of Dedicated Measurement Type and the Reporting Characteristics Type	4.1.0	4.2.0	R3	RANimp-RRMopt
25.423	423		Rel-4	F	RP-13	RP-010596	R3-012253	approved	Support of 8PSK modulation for LCR TDD	4.1.0	4.2.0	R3	LCRTDD-IublIur
25.423	424	1	R99	F	RP-13	RP-010583	R3-012500	approved	Correction to the Error handling of the ERROR INDICATION message	3.6.0	3.7.0	R3	TEI
25.423	425	1	Rel-4	A	RP-13	RP-010583	R3-012501	approved	Correction to the Error handling of the ERROR INDICATION message	4.1.0	4.2.0	R3	TEI
25.423	429	1	R99	F	RP-13	RP-010583	R3-012556	approved	Corrections to the DSCH Code Mapping IE	3.6.0	3.7.0	R3	TEI
25.423	430		Rel-4	F	RP-13	RP-010596	R3-012255	approved	Allowed combination of the measurement and event types	4.1.0	4.2.0	R3	LCS1-UEpos-IublIur
25.423	431	2	R99	F	RP-13	RP-010583	R3-012668	approved	Cell Reserved for operator use	3.6.0	3.7.0	R3	TEI
25.423	432	2	Rel-4	A	RP-13	RP-010583	R3-012669	approved	Cell Reserved for operator use	4.1.0	4.2.0	R3	TEI
25.423	435	1	Rel-4	F	RP-13	RP-010596	R3-012607	approved	Adding protocol container in CHOICE type IE	4.1.0	4.2.0	R3	TEI
25.423	436	1	R99	F	RP-13	RP-010583	R3-012560	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	3.6.0	3.7.0	R3	TEI
25.423	437	1	Rel-4	A	RP-13	RP-010583	R3-012561	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	4.1.0	4.2.0	R3	TEI
25.423	438	1	Rel-4	F	RP-13	RP-010596	R3-012565	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	4.1.0	4.2.0	R3	TEI
25.423	439	1	R99	F	RP-13	RP-010583	R3-012576	approved	TFCS Correction for TDD	3.6.0	3.7.0	R3	TEI
25.423	440	1	Rel-4	A	RP-13	RP-010583	R3-012577	approved	TFCS Correction for TDD	4.1.0	4.2.0	R3	TEI
25.423	441		R99	F	RP-13	RP-010583	R3-012328	approved	Correction of a wrong implementation of CR 414	3.6.0	3.7.0	R3	TEI
25.423	442		Rel-4	A	RP-13	RP-010583	R3-012329	approved	Correction of a wrong implementation of CR 414	4.1.0	4.2.0	R3	TEI
25.423	443	1	R99	F	RP-13	RP-010583	R3-012519	approved	Error handling of the Erroneously Present Conditional Ies	3.6.0	3.7.0	R3	TEI

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.423	444	1	Rel-4	A	RP-13	RP-010583	R3-012520	approved	Error handling of the Erroneously Present Conditional Ies	4.1.0	4.2.0	R3	TEI
25.423	445	1	R99	F	RP-13	RP-010583	R3-012578	approved	Correction to Downlink Signaling Transfer	3.6.0	3.7.0	R3	TEI
25.423	446	1	Rel-4	A	RP-13	RP-010583	R3-012579	approved	Correction to Downlink Signaling Transfer	4.1.0	4.2.0	R3	TEI
25.423	449		R99	F	RP-13	RP-010584	R3-012375	approved	Bitstrings ordering	3.6.0	3.7.0	R3	TEI
25.423	450		Rel-4	A	RP-13	RP-010584	R3-012376	approved	Bitstrings ordering	4.1.0	4.2.0	R3	TEI
25.423	455	1	Rel-4	F	RP-13	RP-010596	R3-012610	approved	Correct ion to position reporting	4.1.0	4.2.0	R3	LCS1-UEpos-IubIur
25.423	458		R99	F	RP-13	RP-010584	R3-012389	approved	Correction of CR implementation errors	3.6.0	3.7.0	R3	TEI
25.423	459		R99	F	RP-13	RP-010584	R3-012394	approved	Mapping of TFCS to TFCI	3.6.0	3.7.0	R3	TEI
25.423	460		Rel-4	A	RP-13	RP-010584	R3-012395	approved	Mapping of TFCS to TFCI	4.1.0	4.2.0	R3	TEI
25.423	461	1	Rel-4	F	RP-13	RP-010596	R3-012723	approved	CR to 25.423 v4.1.0: RX timing deviation as dedicated measurement for 1.28Mcps TDD	4.1.0	4.2.0	R3	TEI
25.423	462		R99	F	RP-13	RP-010584	R3-012405	approved	TDD Channelisation code range definition	3.6.0	3.7.0	R3	TEI
25.423	463		Rel-4	A	RP-13	RP-010584	R3-012406	approved	TDD Channelisation code range definition	4.1.0	4.2.0	R3	TEI
25.423	466	1	Rel-4	F	RP-13	RP-010584	R3-012613	approved	Clarification on the Time Slot LCR	4.1.0	4.2.0	R3	TEI
25.423	467	1	R99	F	RP-13	RP-010584	R3-012511	approved	Rnsap criticality	3.6.0	3.7.0	R3	TEI
25.423	468	1	Rel-4	A	RP-13	RP-010584	R3-012512	approved	Rnsap criticality	4.1.0	4.2.0	R3	TEI
25.423	469	1	R99	F	RP-13	RP-010584	R3-012651	approved	Clarification of chapter 10	3.6.0	3.7.0	R3	TEI
25.423	470	1	Rel-4	A	RP-13	RP-010584	R3-012652	approved	Clarification of chapter 10	4.1.0	4.2.0	R3	TEI
25.423	471	1	R99	F	RP-13	RP-010584	R3-012562	approved	Clarification of use of Diversity Control Indicator	3.6.0	3.7.0	R3	TEI
25.423	472	1	Rel-4	A	RP-13	RP-010584	R3-012563	approved	Clarification of use of Diversity Control Indicator	4.1.0	4.2.0	R3	TEI
25.423	474	2	R99	F	RP-13	RP-010584	R3-012705	approved	Clarification of coordinated DCHs	3.6.0	3.7.0	R3	TEI
25.423	475	2	Rel-4	A	RP-13	RP-010584	R3-012706	approved	Clarification of coordinated DCHs	4.1.0	4.2.0	R3	TEI
25.425	030		Rel-4	F	RP-13	RP-010597	R3-012263	approved	Correction on RACH data frame in Iur interface	4.0.0	4.1.0	R3	LCRTDD-IubIur
25.425	032	2	R99	F	RP-13	RP-010585	R3-012603	approved	General Corrections on Common Transport Channel Data Streams	3.4.0	3.5.0	R3	TEI
25.425	033	2	Rel-4	A	RP-13	RP-010585	R3-012604	approved	General Corrections on Common Transport Channel Data Streams	4.1.0	4.2.0	R3	TEI
25.427	055		R99	F	RP-13	RP-010586	R3-012236	approved	Transport bearer replacement clarification	3.7.0	3.8.0	R3	TEI
25.427	056		Rel-4	A	RP-13	RP-010586	R3-012237	approved	Transport bearer replacement clarification	4.1.0	4.2.0	R3	TEI
25.427	057		Rel-4	F	RP-13	RP-010598	R3-012262	approved	Uplink power control for LCR TDD	4.1.0	4.2.0	R3	LCRTDD-IubIur
25.427	060	1	Rel-4	F	RP-13	RP-010598	R3-012615	approved	DPC Mode Correction in the User Plane	4.1.0	4.2.0	R3	RANimp-RRMopt
25.427	061		Rel-4	F	RP-13	RP-010598	R3-012284	approved	25.427 Correction	4.1.0	4.2.0	R3	TEI
25.427	062	1	R99	F	RP-13	RP-010586	R3-012242	approved	General Corrections on Iub_Iur UP protocol for DCH data streams	3.7.0	3.8.0	R3	TEI
25.427	063	1	Rel-4	A	RP-13	RP-010586	R3-012243	approved	General Corrections on Iub_Iur UP protocol for DCH data streams	4.1.0	4.2.0	R3	TEI
25.433	409	3	R99	F	RP-13	RP-010587	R3-012208	approved	Ambiguity in CM handling	3.6.0	3.7.0	R3	TEI
25.433	410	2	Rel-4	A	RP-13	RP-010587	R3-012209	approved	Ambiguity in CM handling	4.1.0	4.2.0	R3	TEI
25.433	468	2	Rel-4	F	RP-13	RP-010599	R3-012657	approved	Allowed Combinations of Dedicated Measurement Type and the Reporting Characteristics Type	4.1.0	4.2.0	R3	RANimp-RRMopt
25.433	470		Rel-4	F	RP-13	RP-010599	R3-012252	approved	Support of 8PSK modulation for LCR TDD	4.1.0	4.2.0	R3	LCRTDD-IubIur

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.433	472		Rel-4	A	RP-13	RP-010587	R3-012235	approved	Correction to Information Block Deletion	4.1.0	4.2.0	R3	TEI
25.433	473		Rel-4	F	RP-13	RP-010599	R3-012257	approved	DPC Mode in Radio Link Addition procedure	4.1.0	4.2.0	R3	RANimp-RRMopt
25.433	474		R99	F	RP-13	RP-010587	R3-012234	approved	Correction to Information Block Deletion	3.6.0	3.7.0	R3	TEI
25.433	475		Rel-4	F	RP-13	RP-010599	R3-012256	approved	Correction on NBAP function	4.1.0	4.2.0	R3	TEI
25.433	476		Rel-4	A	RP-13	RP-010587	R3-012233	approved	Clarification of the AICH power	4.1.0	4.2.0	R3	TEI
25.433	477		R99	F	RP-13	RP-010587	R3-012232	approved	Clarification of the AICH power	3.6.0	3.7.0	R3	TEI
25.433	479	1	Rel-4	A	RP-13	RP-010587	R3-012590	approved	Transport bearer replacement clarification	4.1.0	4.2.0	R3	TEI
25.433	480	1	R99	F	RP-13	RP-010587	R3-012509	approved	Nbap criticality	3.6.0	3.7.0	R3	TEI
25.433	481	1	Rel-4	A	RP-13	RP-010587	R3-012555	approved	Corrections to the PDSCH Code Mapping IE	4.1.0	4.2.0	R3	TEI
25.433	482	1	R99	F	RP-13	RP-010587	R3-012554	approved	Corrections to the PDSCH Code Mapping IE	3.6.0	3.7.0	R3	TEI
25.433	483	1	R99	F	RP-13	RP-010587	R3-012587	approved	Correction to the handling of DL Code Information in RL Reconfiguration procedures	3.6.0	3.7.0	R3	TEI
25.433	484	1	Rel-4	A	RP-13	RP-010587	R3-012588	approved	Correction to the handling of DL Code Information in RL Reconfiguration procedures	4.1.0	4.2.0	R3	TEI
25.433	485	1	Rel-4	A	RP-13	RP-010587	R3-012499	approved	Correction to the Error handling of the ERROR INDICATION message	4.1.0	4.2.0	R3	TEI
25.433	486		Rel-4	A	RP-13	RP-010587	R3-012227	approved	Correct max Codes discrepancy between tabular and ASN.1	4.1.0	4.2.0	R3	TEI
25.433	487	1	R99	F	RP-13	RP-010587	R3-012589	approved	Transport bearer replacement clarification	3.6.0	3.7.0	R3	TEI
25.433	488		Rel-4	A	RP-13	RP-010587	R3-012229	approved	S-CCPCH Corrections for TDD	4.1.0	4.2.0	R3	TEI
25.433	489		R99	F	RP-13	RP-010587	R3-012226	approved	Correct max Codes discrepancy between tabular and ASN.1	3.6.0	3.7.0	R3	TEI
25.433	490		R99	F	RP-13	RP-010587	R3-012228	approved	S-CCPCH Corrections for TDD	3.6.0	3.7.0	R3	TEI
25.433	491	1	Rel-4	A	RP-13	RP-010587	R3-012510	approved	Nbap criticality	4.1.0	4.2.0	R3	TEI
25.433	495	1	R99	F	RP-13	RP-010587	R3-012498	approved	Correction to the Error handling of the ERROR INDICATION message	3.6.0	3.7.0	R3	TEI
25.433	498	1	Rel-4	F	RP-13	RP-010599	R3-012608	approved	Adding protocol container in CHOICE type IE	4.1.0	4.2.0	R3	TEI
25.433	499	1	R99	F	RP-13	RP-010588	R3-012558	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	3.6.0	3.7.0	R3	TEI
25.433	500	1	Rel-4	A	RP-13	RP-010588	R3-012559	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	4.1.0	4.2.0	R3	TEI
25.433	501	1	Rel-4	F	RP-13	RP-010599	R3-012564	approved	Clarification of Abnormal Conditions/Unsuccessful Operation	4.1.0	4.2.0	R3	TEI
25.433	503		R99	F	RP-13	RP-010588	R3-012336	approved	Error handling of erroneously present conditional IEs	3.6.0	3.7.0	R3	TEI
25.433	504		Rel-4	A	RP-13	RP-010588	R3-012337	approved	Error handling of erroneously present conditional IEs	4.1.0	4.2.0	R3	TEI
25.433	506	1	R99	F	RP-13	RP-010588	R3-012581	approved	Correction for maxNrOfCPCHs	3.6.0	3.7.0	R3	TEI
25.433	507	1	Rel-4	A	RP-13	RP-010588	R3-012582	approved	Correction for maxNrOfCPCHs	4.1.0	4.2.0	R3	TEI
25.433	508	1	R99	F	RP-13	RP-010588	R3-012583	approved	Correction for N_EOT	3.6.0	3.7.0	R3	TEI
25.433	509	1	Rel-4	A	RP-13	RP-010588	R3-012584	approved	Correction for N_EOT	4.1.0	4.2.0	R3	TEI
25.433	512		R99	F	RP-13	RP-010588	R3-012373	approved	Bitstrings ordering	3.6.0	3.7.0	R3	TEI
25.433	513		Rel-4	A	RP-13	RP-010588	R3-012374	approved	Bitstrings ordering	4.1.0	4.2.0	R3	TEI
25.433	515	1	Rel-4	F	RP-13	RP-010599	R3-012611	approved	Corrections to position reporting	4.1.0	4.2.0	R3	LCS1-UEpos-Iublur

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.433	516		R99	F	RP-13	RP-010588	R3-012396	approved	Mapping of TFCS to TFCI	3.6.0	3.7.0	R3	TEI
25.433	517		Rel-4	A	RP-13	RP-010588	R3-012397	approved	Mapping of TFCS to TFCI	4.1.0	4.2.0	R3	TEI
25.433	518	2	Rel-4	F	RP-13	RP-010599	R3-012722	approved	CR to 25.433 v4.1.0: RX timing deviation as dedicated measurement for 1.28Mcps TDD	4.1.0	4.2.0	R3	TEI
25.433	519		Rel-4	A	RP-13	RP-010588	R3-012404	approved	Correction of implementation of RAN#12 CRs	4.1.0	4.2.0	R3	TEI
25.433	520		R99	F	RP-13	RP-010588	R3-012407	approved	TDD Channelisation code range definition	3.6.0	3.7.0	R3	TEI
25.433	521		Rel-4	A	RP-13	RP-010588	R3-012408	approved	TDD Channelisation code range definition	4.1.0	4.2.0	R3	TEI
25.433	522	1	Rel-4	F	RP-13	RP-010599	R3-012614	approved	Clarification on the Time Slot LCR	4.1.0	4.2.0	R3	TEI
25.433	523	1	R99	F	RP-13	RP-010588	R3-012653	approved	Clarification of chapter 10	3.6.0	3.7.0	R3	TEI
25.433	524	1	Rel-4	A	RP-13	RP-010588	R3-012654	approved	Clarification of chapter 10	4.1.0	4.2.0	R3	TEI
25.433	525		R99	F	RP-13	RP-010588	R3-012460	approved	Clarification of use of Diversity Control Indicator	3.6.0	3.7.0	R3	TEI
25.433	526		Rel-4	A	RP-13	RP-010588	R3-012461	approved	Clarification of use of Diversity Control Indicator	4.1.0	4.2.0	R3	TEI
25.433	527	3	R99	F	RP-13	RP-010588	R3-012703	approved	Clarification of coordinated DCHs	3.6.0	3.7.0	R3	TEI
25.433	528	3	Rel-4	A	RP-13	RP-010588	R3-012704	approved	Clarification of coordinated DCHs	4.1.0	4.2.0	R3	TEI
25.435	047		Rel-4	A	RP-13	RP-010589	R3-012247	approved	Addition of missing control frame type	4.1.0	4.2.0	R3	TEI
25.435	048	1	Rel-4	F	RP-13	RP-010600	R3-012616	approved	Uplink power control for LCR TDD	4.1.0	4.2.0	R3	LCRTDD-Iublur
25.435	049		Rel-4	F	RP-13	RP-010600	R3-012259	approved	Correction on RACH data frame in Iub interface	4.1.0	4.2.0	R3	LCRTDD-Iublur
25.435	051		R99	F	RP-13	RP-010589	R3-012246	approved	Addition of missing control frame type	3.7.0	3.8.0	R3	TEI
25.435	052	1	Rel-4	A	RP-13	RP-010589	R3-012592	approved	Applicability of the control frames on transport bearers	4.1.0	4.2.0	R3	TEI
25.435	054	1	R99	F	RP-13	RP-010589	R3-012591	approved	Applicability of the control frames on transport bearers	3.7.0	3.8.0	R3	TEI
25.435	055		R99	F	RP-13	RP-010589	R3-012307	approved	General Corrections to TS 25.435	3.7.0	3.8.0	R3	TEI
25.435	056		Rel-4	A	RP-13	RP-010589	R3-012308	approved	General Corrections to TS 25.435	4.1.0	4.2.0	R3	TEI
25.435	057	1	R99	F	RP-13	RP-010589	R3-012248	approved	General Corrections on CTrCH Data Streams	3.7.0	3.8.0	R3	TEI
25.435	058	1	Rel-4	A	RP-13	RP-010589	R3-012249	approved	General Corrections on CTrCH Data Stream	4.1.0	4.2.0	R3	TEI
25.435	059	1	Rel-4	F	RP-13	RP-010600	R3-012617	approved	Uplink Power Control for TDD	4.1.0	4.2.0	R3	LCRTDD-Iublur
25.453	002	1	Rel-5	F	RP-13	RP-010702	R3-012506	approved	Correction to the Error handling of the ERROR INDICATION message	5.0.0	5.1.0	R3	TEI
25.453	002	1	Rel-5	F	RP-13	RP-010603	R3-012506	withdrawn	Correction to the Error handling of the ERROR INDICATION message	5.0.0	5.1.0	R3	TEI
25.453	003		Rel-5	F	RP-13	RP-010603	R3-012272	approved	Proposed CR to 25.453 on Semantics Description of C/No	5.0.0	5.1.0	R3	LCS-INTF
25.453	004		Rel-5	F	RP-13	RP-010603	R3-012273	approved	Proposed CR to 25.453 on Clause 10	5.0.0	5.1.0	R3	LCS-INTF
25.453	005	1	Rel-5	F	RP-13	RP-010702	R3-012521	approved	Error handling of the Erroneously Present Conditional Ies	5.0.0	5.1.0	R3	TEI
25.453	005	1	Rel-5	A	RP-13	RP-010603	R3-012521	withdrawn	Error handling of the Erroneously Present Conditional Ies	5.0.0	5.1.0	R3	TEI
25.453	006	1	Rel-5	F	RP-13	RP-010702	R3-012655	approved	Clarification of chapter 10	5.0.0	5.1.0	R3	TEI
25.453	006	1	Rel-5	F	RP-13	RP-010603	R3-012655	withdrawn	Clarification of chapter 10	5.0.0	5.1.0	R3	TEI
25.453	007		Rel-5	F	RP-13	RP-010702	R3-012513	approved	PCAP Criticality	5.0.0	5.1.0	R3	TEI
25.453	007		Rel-5	F	RP-13	RP-010603	R3-012513	withdrawn	PCAP Criticality	5.0.0	5.1.0	R3	TEI
25.844	001	2	Rel-4	F	RP-13	RP-010555	R2-012163	approved	SRNS relocation for seamless radio bearers	4.0.0	4.1.0	R2	RANimp-RABSE

Spec	CR	Rev	Phase	Cat	Meeting	Plenary doc	WG doc	TSG status	Subject	CR to version	Resulting version	WG	Workitem
25.850	002		Rel-4	F	RP-13	RP-010601	R3-012309	approved	Removal of remaining open item	4.1.0	4.2.0	R3	LCS1-UEPos-Iublur
25.921	024	1	R99	F	RP-13	RP-010551	R2-011997	approved	Guidelines concerning conditions, spares, defaults and correction of inconsistencies	3.4.0	3.5.0	R2	TEI
25.921	025		Rel-4	A	RP-13	RP-010551	R2-012142	approved	Guidelines concerning conditions, spares, defaults and correction of inconsistencies	4.1.0	4.2.0	R2	TEI
25.921	026		R99	F	RP-13	RP-010551	R2-011849	approved	Naming convention for non-critical extensions	3.4.0	3.5.0	R2	TEI
25.921	027		Rel-4	A	RP-13	RP-010551	R2-012143	approved	Naming convention for non-critical extensions	4.1.0	4.2.0	R2	TEI
25.921	028	1	R99	F	RP-13	RP-010551	R2-012161	approved	Introduction of procedure specification guidelines specific to RLC	3.4.0	3.5.0	R2	TEI
25.921	029		Rel-4	A	RP-13	RP-010551	R2-012162	approved	Introduction of procedure specification guidelines specific to RLC	4.1.0	4.2.0	R2	TEI
25.921	030		R99	F	RP-13	RP-010551	R2-012145	approved	RAN3 usage of 1994 ASN.1 feature set	3.4.0	3.5.0	R2	TEI
25.921	031		Rel-4	A	RP-13	RP-010551	R2-012146	approved	RAN3 usage of 1994 ASN.1 feature set	4.1.0	4.2.0	R2	TEI
25.922	015		R99	F	RP-13	RP-010552	R2-011952	approved	Update of preconfiguration description	3.5.0	3.6.0	R2	TEI
25.922	016		Rel-4	A	RP-13	RP-010552	R2-012018	approved	Update of preconfiguration description	4.0.0	4.1.0	R2	TEI
25.922	017		R99	F	RP-13	RP-010552	R2-011964	approved	Alignment with 25.304	3.5.0	3.6.0	R2	TEI
25.922	018		Rel-4	A	RP-13	RP-010552	R2-012144	approved	Alignment with 25.304	4.0.0	4.1.0	R2	TEI
25.937	001		Rel-4	F	RP-13	RP-010602	R3-012264	approved	Rel4 correction on modulation type in LCR TDD	4.0.0	4.1.0	R3	LCRTDD-Iublur
25.945	001		Rel-4	F	RP-13	RP-010635	R4-010864	approved	Editorial modification for TR25.945 v4.0.0	4.0.0	4.1.0	R4	LCRTDD-RF
29.108	003		R99	F	RP-13	RP-010590	R3-012349	approved	Iu Signalling Connection identifier on E-i/f	3.1.0	3.2.0	R3	TEI
29.108	004		Rel-4	A	RP-13	RP-010590	R3-012350	approved	Iu Signalling Connection identifier on E-i/f	4.0.0	4.1.0	R3	TEI

Annex D: Summary of Action Points

NOTE: This Summary only contains specific action points, not general ones or "encouragements".

TSG-RAN WG1

- To send an LS to WG4 to clarify the WI "Improvement of inter-frequency and inter-system measurements (discussion on **RP-010682**).
- To study the impact of WI "Radio link timing adjustment" (**R2-011607**).
- To review the WI sheet for WI "Beamforming" (**RP-010711**).

TSG-RAN WG2

- To study the report from TSG-SA WG1 in LS **RP-010505** (**S1-010869**) and its impacts urgently.
- To handle (with WG3) the latest version of TR 22.146 and the LS it was included with (see **RP-010506**).
- To discuss (with WG3) the impact of the architectural split of the proposal in **RP-010641** and provide the result of the feasibility study for RP#14.

TSG-RAN WG3

- To study the report from TSG-SA WG1 in LS **RP-010505** (**S1-010869**) and its impacts urgently.
- To handle (with WG2) the latest version of TR 22.146 and the LS it was included with (see **RP-010506**).
- To review LS **RP-010510** (**LS23/13**) and respond if required.
- To discuss (with WG3) the impact of the architectural split of the proposal in **RP-010641** and provide the result of the feasibility study for RP#14.

TSG-RAN WG4

- To study the impact of WI "Radio link timing adjustment" (**R2-011607**).
- To have a discussion on SI "USTS" (see **RP-010647**).
- To review the SI sheet for SI "Feasibility study considering deployment of UTRA in additional and diverse spectrum arrangement" (**RP-010718**).

TSG-RAN Chairman

- To update **RP-010713** (if necessary), based on the official input from TSG-T (**RP-010721**) and send the result to ITU-R.
- To provide LS **RP-010692** to TSG-SA.
- To provide **RP-010694** to OP.
- To send all other relevant output of TSG-RAN #13 to ITU-R.
- To ask for endorsement of liaison between WG4 and CTIA (**RP-010680**).
- To provide **RP-010717** to TSG-SA.

TSG-RAN WG Chairmen/MCC support

- To ensure "isolated impact" statements were covered in all CRs submitted to the TSG-RAN plenary.
- To ensure clear status reports on each WI/SI. In the case were a TR was referred to, the WG Tdoc number should be mentioned. The TRs themselves should not be provided if below v1.0.0.
- To ensure that status reports on WIs/SIs contain an explicit reference to the expected completion date.
- To ensure that the work identified in **RP-010717** was carried out in the WGs and results provided for RP#14.

TSG-RAN WG2, WG3 and WG4 Chairmen

- To discuss vocabulary (**RP-010502/R4-010973**).

MCC support

- To provide the appropriate R'99 CR(s) to create TS 21.905 also for R'99. (**RP-010656**).

Annex E: Meeting schedule

NOTE: Updates to meeting dates, hosts and/or venues are indicated in red and underlined.

TSG-RAN

Meeting	Date	Host	Location
RAN#15	05 - 08 March 2002	TTA	tbd, Korea
RAN#16	04 - 07 June 2002	Motorola	Marco Island, FL, USA
RAN#17	03 - 06 September 2002	Alcatel	Biarritz, France
RAN#18	03 - 06 December 2002	North American Friends of 3GPP	New Orleans, LA, USA
RAN#19	11 - 14 March 2003	UK Friends of 3GPP	Jersey, Channel Islands (British Isles)
RAN#20	10 - 13 June 2003	Nokia	tbd, Finland
RAN#21	16 - 19 September 2003		
RAN#22	09 - 12 December 2003		

TSG-RAN WG1

Meeting	Date	Host	Location
#24	08 - 11 January 2002		
#25	18 - 22 February 2002	North American Friends of 3GPP	Orlando, FL, USA
#26	09 - 12 April 2002		
#27	14 - 17 May 2002	Samsung Electronics	tbd, Korea
#28	25 - 28 June 2002		
#29	20 - 23 August 2002		
#30	24 - 27 September 2002		
#31	12 - 15 November 2002		

TSG-RAN WG2

Meeting	Date	Host	Location
#26	07 - 11 January 2002	ETSI	Sophia Antipolis, France
#27	18 - 22 February 2002	Motorola	Orlando, FL, USA
#28	08 - 12 April 2002	J-Phone	tbd, Japan
#29	13 - 17 May 2002	Samsung Electronics	tbd, Korea
#30	24 - 28 June 2002	Omnitel	tbd, Italy
#31	19 - 23 August 2002		Europe (tbc)
#32	23 - 27 September 2002	CATT	tbd, China
#33	11 - 15 November 2002		Europe (tbc)

TSG-RAN WG3

Meeting	Date	Host	Location
#26	07 - 11 January 2002		Europe (tbc)
#27	18 - 22 February 2002	North American Friends of 3GPP	Orlando, FL, USA
#28	08 - 12 April 2002	J-Phone (tbc)	tbd, Japan (tbc)
#29	13 - 17 May 2002	Samsung Electronics	tbd, Korea
#30	24 - 28 June 2002	Omnitel (tbc)	tbd, Italy (tbc)
#31	19 - 23 August 2002		Europe (tbc)
#32	23 - 27 September 2002	CATT (tbc)	tbd, China (tbc)
#33	11 - 15 November 2002		Europe (tbc)

TSG-RAN WG4

Meeting	Date	Host	Location
#21	28 January - 01 February 2002	ETSI	Sophia Antipolis, France
#22	13 - 17 May 2002	Samsung Electronics	tbd, Korea
#23	12 - 16 August 2002	Nokia	tbd, Finland
#24	11 - 15 November 2002		USA (tbc)