

3GPP TSG GERAN  
 Meeting No. 5  
 Lincolnshire, Illinois, USA  
 28<sup>th</sup> May - 1st June 2001

Tdoc GP-01 1418  
 Agenda item 7.1.5.4

## Work plan for GERAN

### 1 Updated workplan

The document presents the latest revised work plan compiled at the GERAN #5 meeting. The work tasks for the different building blocks have been expanded and give a more detailed picture of what has to be done

Feature	Building block	Work task	Date of completion	New dates updated at TSG GERAN #5	Status
Evolution of transport (UTRAN Feature)	Evolution of transport in UTRAN and GERAN	Addition of transport mechanisms other than ATM for lu <ul style="list-style-type: none"> <li>• Identification of alternative transports</li> <li>• Specification of those alternative transports</li> </ul>	Dec 2001	Dec 2001	Ongoing
GERAN/UTRAN interface evolution 1 GP-000481	Evolution of lu ps	<ul style="list-style-type: none"> <li>• Identification of GERAN requirements on lu ps</li> <li>• Update of specifications</li> </ul>	Jun 2001 (#5) Nov 2001 (#7)	August 2001 Dec 2001	Ongoing, impact due to TR optimized speech
GERAN/UTRAN interface evolution 2 GP-010417	Evolution of lu cs GP-000430	<ul style="list-style-type: none"> <li>• Identification of GERAN requirements on lu cs</li> <li>• Update of specifications</li> </ul>	Jun 2001 (#5) Dec 2001 (#7)	August 2001 Dec 2001	Ongoing
Low chip rate TDD option (UTRAN)	Low chiprate TDD interworking with GERAN GP-000432	<ul style="list-style-type: none"> <li>• Handover and Cell Selection / Reselection to UTRA 1.28Mcps TDD</li> </ul>	Jan 2001 (#3)		Ready for R4. Closed
GERAN improvements 1 GP-000433	Gb over IP GP-000434	IP-fication of Gb <ul style="list-style-type: none"> <li>• Concept</li> <li>• Changes to 08.16, 08.18</li> </ul>	Nov 2000 (#2)		Ready for R4. Closed

# **TSG GERAN Report to TSG-SA#12**

TSG-GERAN Convenor  
Niels Peter Skov Andersen  
Motorola



Tdoc SP-010376

# TSG GERAN work area (1/2)

TSG GERAN  
TSG SA#12

## TSG GSM/EDGE Radio Access Network (TSG-GERAN)

- GERAN Radio aspects, and interfaces
- RF aspects of GERAN
- Specifications for GERAN radio performance and RF system aspects
- GERAN Radio Layer 1 specification
- GERAN Radio Layer 2 specification
- GERAN Radio Layer 3 RR specification

# TSG GERAN work area (2/2)

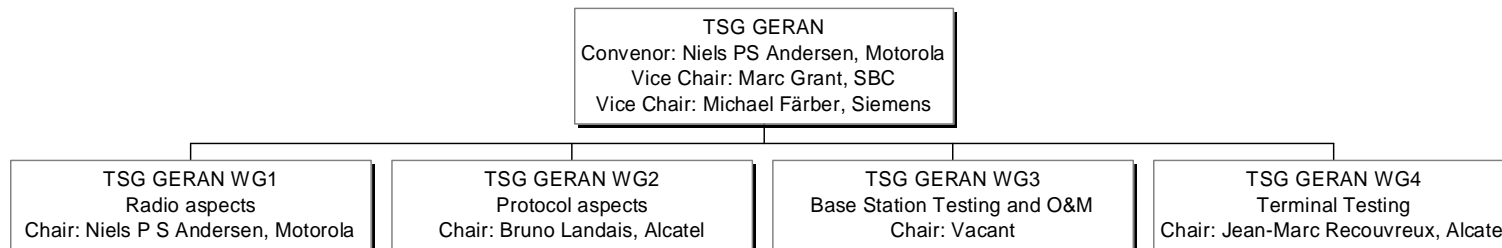
TSG GERAN  
TSG SA#12

- A interface specification, Gb interface specification
- Internal GERAN interface specifications such as Abis, and Ater (CCU-TRAU)
- Conformance test specifications for testing of all aspects of GERAN base stations
- Conformance test specifications for testing of all aspects of GERAN terminals
- GERAN specific O&M specifications for the nodes in the GERAN

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# Organisation of TSG GERAN (1/3)

TSG GERAN  
TSG SA#12



# Organisation of TSG GERAN (2/3)

TSG GERAN  
TSG SA#12

## TSG GERAN WG1 – Radio Aspects

Chairman: Niels Peter Skov Andersen, Motorola

- RF aspects of GERAN
- GERAN radio performance and RF system aspects
- Ater (CCU-TRAU)

## TSG GERAN WG2 – Protocol Aspects

Chairman: Bruno Landais, Alcatel

- GERAN Radio Layer 2 specification
- GERAN Radio Layer 3 RR specification
- A interface specification, Gb interface specification
- Internal GERAN interface specifications such as Abis

# Organisation of TSG GERAN (3/3)

TSG GERAN  
TSG SA#12

## TSG GERAN WG3 – Base Station Testing and O&M

Chairman: Vacant

- Conformance test specifications for testing of all aspects of GERAN base stations
- GERAN specific O&M specifications for the nodes in the GERAN

## TSG GERAN WG4 – Terminal Testing

Chairman: Jean-Marc Recouvreux, Alcatel

- Conformance test specifications for testing of all aspects of GERAN terminals

- New DTM multislots classes agreed in Rel4
- Few BSSGP corrections
- Extended UL TBF : R4 feature
- Few GPRS and EGPRS corrections
- NACC - inter-BSC scenario :
  - desirable for Rel5
  - TR to capture the requirements and the solution,
  - Iu, Iurg, Inter-RAT scenarii to be further analysed
  - to be considered : errors scenarii, signalling load
- Other areas in GERAN of GPRS are stable for R97/R98/R99



- ASN.1 corrections agreed on R98 / R99 / Rel4
- Rel-5 :
  - first draft on 43.059 for LCS in GPRS (Gb mode)
  - first draft on 48.018 for LCS in GPRS (Gb mode)
  - first draft on LCS architecture for Iu
  - recommendation for ASN.1 extension
- The issue related to LCS Bearer and segmentation is now settled

# Frequency bands – 3G–2G Interworking

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- The incompatibility of ARFCNs between the 1800 MHz and 1900 MHz bands in relation multiband operation have been studied. A solution allowing any combination of multi-band operation to be used in the future has been agreed.
- To avoid saturation of the ARFCNs, a solution utilising Dynamic ARFCNs for new frequency bands have been elaborated
- GSM in the 850 MHz band has been made release independent.
- 3G – 2G interworking is considered stable. The remaining open issues related to "blind handovers" has been specified and the timing issues completed

- TSG GERAN realises the benefit of common Non-Access Stratum test, however merging of the related UTRAN and GERAN Test Cases is not thought to be practical, since the amount of work required to merge would be unmanageable. Instead a pragmatic solution on coordination of test cases has been proposed.
- TSG GERAN is still seeking support for TSG GERAN WG4 to draft test cases for the new(er) functionalities.
- TSG GERAN are looking at different possibilities for improving the information flow between the experts working on the core specification and the experts working on the test specification experts

## Support for codecs

- Channel coding for 8 PSK voice bearers selected
- Support for WB-AMR completed except for call set-up and radio channel performance requirements
  - Service requirements felt unclear
  - GERAN wondering why TSG CN do not want to use bearer capability for set-up of WB-AMR calls as for other voice calls
- New principle for specification of performance for CS voice bearers based on required level to obtain fixed FER
- Still discussions ongoing on the impact of which codec are required to be supported when Iu interface is introduced

# GERAN Release 5 (1/3)

TSG GERAN  
TSG SA#12

- Principles for Mode selection between A/Gb and Iu agreed
- New identities similar to UTRAN identities defined
- Allowance for double LA/RA identities will be developed
- Information requiring broadcast being reviewed – Reuse of current BCCH might be too restrictive and new BCCH required
- Working assumption for RRC coding is CSN.1
- Paging concept requires further study
- No detailed work on RRC specification started

# GERAN Release 5 (2/3)

TSG GERAN  
TSG SA#12

- Technical Report on support of optimised voice being drafted
- Integrated VoIP application not requiring header regeneration assumed for Optimised Voice
- GERAN noted that consequence of IMS architecture with end to SIP negotiation is that the mobile negotiate and decides on codec and request appropriate bearer from the radio access network, and thus no possibilities for letting Radio Resource Management issues influence the choice
  - Functionalities similar to Half Rate - Full Rate preferred not possible. Generally GERAN have not received requirements for defined service fall backs in case of lack of capacity or capabilities (e.g. limitations to max bit rate due to distance from base station etc)

## GERAN Release 5 (3/3)

TSG GERAN  
TSG SA#12

- GERAN still missing information about SIP procedures – critical for time schedule for signalling bearers (FACCH and SACCH equivalents)
- GERAN regards SIP compression as necessary to obtain reasonable call set-up times
- After liaising with TSG SA WG3 it has been concluded that Integrity protection will not be applied at RLC/MAC level
- Work plan TSG GERAN updated (see attachment), GERAN IMS support by December 2002 not fully realistic

Lists of CR status at TSG-GERAN #04 & #05 are attached

# Specification and version numbering

TSG GERAN  
TSG SA#12

- Old specification numbers and version numbers are kept for Phase 1, Phase 2, Release 96, Release 97, Release 98, and Release 99
- For Releases after Release 99 specification numbering to follow 3GPP format xx.yyy and version number aligned with other TSGs, e.g next release will be version 4.x.y.
- New specification numbers to be derived from the old specification number  
$$ab.cd \Rightarrow (40+ab).0cd$$

e.g

$$05.08 \Rightarrow 45.008$$



# Future TSG GERAN Plenary meetings

TSG GERAN  
TSG SA#12

TSG GERAN #06	27 - 31 August 2001, Naantali, Finland
TSG GERAN #07	26 - 30 November 2001, Cancun, Mexico
TSG GERAN #08	4-8 February 2002, ??
TSG GERAN #09	15 - 19 April 2002, ??
TSG GERAN #10	24 – 28 June 2002, ??
TSG GERAN #11	26 - 30 August 2002, ??
TSG GERAN #12	18 – 22 November 2002, ??

GERAN improvements 2 GP-000435	Gb enhancements GP-000436	NACC <ul style="list-style-type: none"> <li>• Concept</li> <li>• Changes in 03.64</li> <li>• Changes in 04.60</li> <li>• Changes in 44.008</li> </ul>	Jan 2001 (#3)		Ready for R4. Closed
New wi	New WI	InterNACC Requirements CR on stage 2 CR on stage 3		June 2001 Oct 2001 Jan 2002	
GERAN improvements 3 GP-010418	Evolution of the transport for A GP-010910	<ul style="list-style-type: none"> <li>• Definition of a new A/Ater Interface Transport Layer option based on the Iu Interface Transport Layer</li> <li>• Concept</li> <li>• Stage 3</li> </ul>	June 2001 (#4)	Aug 2001 Nov 2001	Ongoing
GERAN Improvements 4 GP-010363	Gb enhancements 2 GP-010363	Stage 2  Stage 3 (changes in 44.060) <ul style="list-style-type: none"> <li>• Definition of enhanced countdown procedure</li> <li>• Definition of enhanced TBF release procedure</li> </ul>	Apr 2001 (TSG GERAN #4)		Ready for R4. Closed
New WI ?	New WI ?	Stage 3 (changes in 44.060) <ul style="list-style-type: none"> <li>• Definition of USF=FREE type polling mechanism on PDCH</li> <li>• Concept</li> <li>• Stage3</li> </ul>	Nov 2001 (TSG GERAN #7)	August 2001 Nov 2001	Ongoing, is somebody interested in this?
GERAN support for IP multimedia GP-010420	GERAN Header adaptation GP-010421	Header adaptation: <ul style="list-style-type: none"> <li>• Technical report</li> <li>• Definition of compression and removal modes for PDPCP protocol</li> <li>• Conceptual description in stage 2</li> <li>• Necessary changes on stage 3 regarding header removal</li> </ul>	Sept 2000 (#1)  April 2001 (#4) Nov 2001 (#7)	October 2001  Nov 2001 Jan 2002	Ongoing
	GERAN Radio access bearer design for IP multimedia GP-010422	MuM control signalling for conversational multimedia services. <ul style="list-style-type: none"> <li>• Identification of requirements</li> </ul>	Jan 2001 (#3)	Jun 2001	Ongoing

	GERAN MS Conformance test for support of IP multimedia GP-010424	<ul style="list-style-type: none"> <li>MS test</li> <li>Test concept</li> <li>Identification of important tests</li> <li>Test drafting</li> </ul>	Dec 2001 (#7)	Aug 2001 Jan 2001 Jun 2002	Not started
	GERAN BTS Conformance test for support of IP multimedia GP-010425	<ul style="list-style-type: none"> <li>BTS test</li> <li>Test drafting</li> </ul>	Dec 2001 (#7)	Jan 2002	Not started

<p>Alignment of 3G functional split and lu GP-010426</p>	<p>GERAN user / control plane GP-010427</p>	<p>Alignment with UMTS bearer concept</p> <ul style="list-style-type: none"> <li>• Stage 2</li> <li>• Adoption of the UTRAN PDCP <ul style="list-style-type: none"> <li>• PDCP Concept</li> </ul> </li> <li>• Development of RLC / MAC <ul style="list-style-type: none"> <li>• Multiple TBF <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• Paging <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• LAPDm replacement <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• Contention resolution, identities and fast access <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• Delayed TBF <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• Transparent RLC/dedicated/shared MAC <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> </ul> </li> <li>• Development of GERAN RR <ul style="list-style-type: none"> <li>• Handover <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> <li>• Broadcast <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> </ul> </li> <li>• Security <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3 RRC</li> <li>• Stage 3 RLC/MAC</li> </ul> </li> <li>• Logical and physical channel realization (TCH, PDTCH, control channels) 45.002 <ul style="list-style-type: none"> <li>• Dedicated physical subchannel <ul style="list-style-type: none"> <li>• Concept</li> <li>• Stage 3</li> </ul> </li> </ul> </li> <li>• Enhanced power control</li> </ul>	<p>Jun 2001 (#5) Nov 2001 (#3)</p> <p>Nov 2001 (#5)</p> <p>Nov 2001 (#5)</p> <p>Nov 2001 (#5)</p> <p>Jun 2001 (#5)</p> <p>Jun 2001 (#3)</p> <p>Jun 2001 (#4)</p>	<p>Jan 2002</p> <p>Aug 2001 Jan 2002</p> <p>Aug 2001 Nov 2001</p> <p>June 2001 Nov 2001</p> <p>Aug 2001 Nov 2001</p> <p>Aug 2001 Nov 2001</p> <p>Aug 2001 Jan 2002</p> <p>Nov 2001 Jan 2002</p> <p>Jun 2001 Nov 2001 Nov 2001</p> <p>Aug 2001 Nov 2001</p> <p>Jun 2001</p>	<p>Ongoing</p>
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		Physical layer alignment with UMTS bearer concept <ul style="list-style-type: none"> <li>Control channels in 45.003</li> <li>Receiver performance in 45.005 for PDTCH/TCH and control channels</li> </ul>	Jun 2001 (#5) Nov 2001 (#7)	Jun 2001 Nov 2001	Ongoing
	Iu rg interface <a href="#">GP-010427</a>	Inter BSS interface <ul style="list-style-type: none"> <li>Concept</li> <li>Stage 2</li> <li>Stage 3</li> </ul>	Nov 2001 (#5) Apr 2001	Aug 2001 Jan 2002	Ongoing
		Inter BSS-RNS interface <ul style="list-style-type: none"> <li>Concept</li> <li>Stage 2</li> <li>Stage 3</li> </ul>	Nov 2001 (#7) Apr 2001	Aug 2001 Jan 2002	Ongoing
	Voice over GERAN PS and CS concept <a href="#">GP-010432</a>	Voice over GERAN PS and CS concept <ul style="list-style-type: none"> <li>Concept</li> <li>Stage 2</li> <li>Stage 3</li> </ul>	Jun 2001 (#5)	Aug 2001 Jan 2002	Ongoing
	GERAN Narrowband speech realization <a href="#">GP-010433</a>	8PSK NB HR <ul style="list-style-type: none"> <li>Channel coding in 45.003</li> <li>Signalling for A interface</li> <li>Signalling for Iu</li> <li>Link adaptation in 45.009</li> <li>Receiver performance in 45.005</li> </ul>	Jun 2001 (#5)	Jun 2001 Aug 2001	Ongoing
			Nov 2001 (#5)	Nov 2001	
	GERAN MS Conformance test for GERAN interface evolution <a href="#">GP-010434</a>	<ul style="list-style-type: none"> <li>MS test</li> <li>Test concept</li> <li>Identification of important tests</li> <li>Test drafting</li> </ul>	Dec 2001 (#7)	Aug 2001 Jan 2001 Jun 2002	Not started
	GERAN BTS Conformance test for GERAN interface evolution <a href="#">GP-010435</a>	<ul style="list-style-type: none"> <li>BTS test</li> </ul>	Dec 2001 (#7)	Jan 2002	Not started
GERAN enhancements for streaming services 1 <a href="#">GP-010430</a>	GERAN enhancements for streaming services 1 <a href="#">GP-010430</a>	<ul style="list-style-type: none"> <li>SDU discard concept</li> <li>RLC protocol enhancement (SDU Discard)</li> </ul>	Apr 2001 (#4) Aug 2001 (#6)	Jun 2001 Aug 2001	Ongoing
GERAN enhancements for streaming services 2 <a href="#">GP-010429</a>	GERAN enhancements for streaming services 2 <a href="#">GP-010429</a>	Usage of ECSD Concept Stage 2 Stage 3 <ul style="list-style-type: none"> <li>RLC PDU formats</li> <li>MAC header</li> </ul>	Jan 2001 (#3) Nov 2001 (#5)	Aug 2001 Nov 2001	Ongoing

700 MHz spectrum support GP-000449	GERAN support for the 700 MHz band	<ul style="list-style-type: none"> <li>• Signaling support</li> <li>• Physical layer definitions</li> <li>• Receiver performance and RF budget</li> </ul>	Jan 2001(#3)		Ready for R4. Closed
	GERAN MS Conformance test for 700 MHz band GP-000451	<ul style="list-style-type: none"> <li>• MS test</li> </ul>	Jun 2001 (#4)		Ongoing
	GERAN BTS Conformance test for GERAN interface evolution GP-000452	<ul style="list-style-type: none"> <li>• BTS test</li> </ul>	Jun 2001 (#4)		Ongoing
Real Time QoS for packet services including VoIP (UTRAN)	HOs: maintenance of real-time QoS while moving between cells in the PLMN including inter-SGSN change and SRNS relocation or possibly other mechanisms (UTRAN) GP-010431	Handover for the packet switched domain <ul style="list-style-type: none"> <li>• Stable RT handover report 25.936 including header removal</li> <li>• Update of stage 2</li> <li>• Update of relevant stage 3 specs</li> </ul>	Jan 2001 (#3) Jun 2001 (#4) Nov 2001 (#5)		Ongoing
Wideband telephony services (UMTS)	Support of WB AMR in GERAN GP-000453	GMSK and 8PSK WB FR / HR support <ul style="list-style-type: none"> <li>• Channel coding in 45.003</li> <li>• Signalling for A interface</li> <li>• Signalling for lu</li> <li>• Link adaptation in 45.009</li> <li>• Receiver performance in 45.005</li> </ul>	Jun 2001 (#4) Nov 2001 (#5)	Jun 2001 Nov 2001	Ongoing
	GERAN MS Conformance test for WB AMR GP-000454	<ul style="list-style-type: none"> <li>• MS test</li> </ul>	Dec 2001 (#7)		Not started
	GERAN BTS Conformance test for WB AMR GP-000455	<ul style="list-style-type: none"> <li>• BTS test</li> </ul>	Dec 2001 (#7)		Not started

## 2 Concept papers

During the GERAN #5 meeting the additional need of concept papers have been identified. They are following the following three-part template:

- Identify requirements,.
- Recommend concept.

- Identify impact on specifications.

The following table lists the agreed concept papers (the new ones are marked yellow):

<b>Concept paper</b>	<b>Responsible company</b>
Multiple TBF or equivalent	Siemens
Paging	Lucent
Dedicated physical subchannels. Includes traffic and control channels	Nokia
How do we indicate lu-mode support in a cell? How does the mobile station select mode? Broadcast message content?	Ericsson
SDU discard	Nokia
Impact of using RLC instead of LAPDm	Nokia
Contention resolution, mobile-station identity, and access	Alcatel
Ciphering and integrity protection	Nokia
PDCP support. Provide the same services as UTRAN RLC and MAC	Ericsson
Downlink delayed TBF release	Ericsson
Add transparent RLC	Lucent
Handover	Nokia
lu rg	Vodafone
Codec renegotiation concept for GERAN	No volunteer yet
Support for ECSD channel coding in RLC/MAC	No volunteer yet

**3GPP TSG GERAN  
Meeting no 4  
Biarritz, France  
2 – 6 April 2001**

**List of CRs presented to TSG GERAN #04**

Tdoc	Title	Source	Status
GP-010764	CR 03.55-A001 Definition of new DTM multislot classes	Vodafone	Withdrawn
GP-010491	CR 03.64-A079 Delayed TBF Release	Motorola	Withdrawn
GP-010802	CR 03.64-A080 GPRS attach (R99)	Ericsson	Revised
GP-010908	CR 03.64-A080 rev 1 GPRS attach (R99)	Ericsson	Approved
GP-010918	CR 03.64-A081 Modulation based multislot class (Rel 4) (Revised to CR 43.064-001)	Motorola	Revised
GP-010525	CR 04.08-A742 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R98)	Ericsson	Revised
GP-010932	CR 04.08-A742 rev 1 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R98)	Ericsson	Postponed
GP-010601	CR 04.08-A744 Correction on MEASUREMENT_STARTING_TIME (R97)	Nokia	Withdrawn
GP-010736	CR 04.08-A746 MAC Mode parameter in MAC Mode and Channel Coding Request IE (R97)	Alcatel	Postponed
GP-010737	CR 04.08-A748 MAC Mode parameter in MAC Mode and Channel Coding Request IE (R98)	Alcatel	Postponed
GP-010807	CR 04.08-A750 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (R97)	Ericsson	Approved
GP-010808	CR 04.08-A752 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (R98)	Ericsson	Approved
GP-010520	CR 04.14-A011 Allocation of Message type values between GSM and 3G (R99)	Ericsson	Revised
GP-010937	CR 04.14-A011 rev 1 Allocation of Message type values between GSM and 3G (R99)	Ericsson	Approved
GP-010526	CR 04.18-A189 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R99)	Ericsson	Revised
GP-010933	CR 04.18-A189 rev 1 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R99)	Ericsson	Postponed



Tdoc	Title	Source	Status
GP-010592	CR 04.18-A190 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (R99)	Ericsson	Revised
GP-010806	CR 04.18-A190 rev 1 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (R99)	Ericsson	Approved
GP-010626	CR 04.18-A191 Introduction of a presence bit indicator for SI2quater (R99)	Alcatel	Revised
GP-010894	CR 04.18-A191 rev 1 Introduction of a presence bit indicator for SI2quater (R99)	Alcatel	Approved
GP-010634	CR 04.18-A192 Clarifications on SOLSA requirements (R99)	Alcatel	Revised
GP-010919	CR 04.18-A192 rev 1 Clarifications on SOLSA requirements (R99)	Alcatel	Revised
GP-010957	CR 04.18-A192 rev 2 Clarifications on SOLSA requirements (R99)	Alcatel	Approved
GP-010662	CR 04.18-A193 System Information Type 2 quater indication (R99)	Nokia	Withdrawn
GP-010684	CR 04.18-A194 The use of UTRAN Central frequencies by "Class C GPRS" (&UTRAN) mobiles (R99)	Vodafone	Approved
GP-010688	CR 04.18-A195 GERAN to UTRAN RR-Network Controlled Cell Change Order: abnormal case (R99)	Vodafone	Approved
GP-010692	CR 04.18-A196 Editorial alignments and clarifications (R99)	Vodafone	Revised
GP-010843	CR 04.18-A196 rev 1 Editorial alignments and clarifications (R99)	Vodafone	Approved
GP-010738	CR 04.18-A197 MAC Mode parameter in MAC Mode and Channel Coding Request IE (R99)	Alcatel	Postponed
GP-010789	CR 04.18-A198 Clarification on SI 2 quater content (R99)	Alcatel	Postponed
GP-010478	CR 04.31-A023 Correction of inadvertent changes in CR A019 (Tdoc GP-010398) (R98)	Ericsson	Revised
GP-010930	CR 04.31-A023 rev 1 Correction of inadvertent changes in CR A019 (Tdoc GP-010398) (R98)	Ericsson	Approved
GP-010479	CR 04.31-A024 Correction of inadvertent changes in CR A020 (Tdoc GP-010400) (R99)	Ericsson	Revised
GP-010931	CR 04.31-A024 rev 1 Correction of inadvertent changes in CR A020 (Tdoc GP-010400) (R99)	Ericsson	Approved
GP-010664	CR 04.31-A025 Correction of two fields for E-OTD method (R98)	Nokia	Revised

Tdoc	Title	Source	Status
GP-010888	CR 04.31-A025 rev 1 Correction of two fields for E-OTD method (R98)	Nokia	Revised
GP-010905	CR 04.31-A025 rev 2 Correction of two fields for E-OTD method (R98)	Nokia	Postponed
GP-010665	CR 04.31-A026 Correction of two fields for E-OTD method (R99)	Nokia	Revised
GP-010889	CR 04.31-A026 rev 1 Correction of two fields for E-OTD method (R99)	Nokia	Revised
GP-010906	CR 04.31-A026 rev 2 Correction of two fields for E-OTD method (R99)	Nokia	Postponed
GP-010522	CR 04.31-A027 References for LCS in Release 4 for GSM 04.31	Ericsson	Revised
GP-010849	CR 04.31-A027 rev 1 References for LCS in Release 4 for GSM 04.31	Ericsson	Approved
GP-010523	CR 04.35-A010 References for LCS in Release 4 for GSM 04.35	Ericsson	Revised
GP-010850	CR 04.35-A010 rev 1 References for LCS in Release 4 for GSM 04.35	Ericsson	Approved
GP-010502	CR 04.60-A982 Clarification of PSI Count High Rate (R99)	Siemens	Revised
GP-010814	CR 04.60-A982 rev 1 Clarification of PSI Count High Rate (R99)	Siemens	Revised
GP-010967	CR 04.60-A982 rev 2 Clarification of PSI Count High Rate (R99)	Siemens	Approved
GP-010504	CR 04.60-A983 Clarification of T3193 (R99)	Siemens	Revised
GP-010817	CR 04.60-A983 rev 1 Clarification of T3193 (R99)	Siemens	Approved
GP-010586	CR 04.60-A984 Correction of receive state array V(N) (R97)	Ericsson	Approved
GP-010587	CR 04.60-A985 Correction of receive state array V(N) (R98)	Ericsson	Approved
GP-010588	CR 04.60-A986 Correction of receive state array V(N) (R99)	Ericsson	Approved
GP-010590	CR 04.60-A987 TBF_RELEASE field in EGPRS Packet Downlink Ack/Nack (R99)	Ericsson	Approved
GP-010594	CR 04.60-A988 Clarification of EGPRS two-phase packet access (R99)	Ericsson	Approved
GP-010583	CR 04.60-A989 Commanded Cell re-selection synchronisation failure (R99)	Ericsson	Approved
GP-010597	CR 04.60-A990 RLC/MAC Control block transmission during countdown (R99)	Nokia	Approved
GP-010599	CR 04.60-A991 Editorial correction on T3184 (R99)	Nokia	Revised

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GP-010819	CR 04.60-A991 rev 1 Editorial correction on T3184 (R99)	Nokia	Approved
GP-010622	CR 04.60-A992 Paging coordination by the BSS independent of the DTM feature support (R99)	Alcatel	Revised
GP-010804	CR 04.60-A992 rev 1 Paging coordination by the BSS independent of the DTM feature support (R99)	Alcatel	Approved
GP-010628	CR 04.60-A993 Clarification regarding consistent sets of system information messages (R99)	Alcatel	Approved
GP-010666	CR 04.60-A994 Correction of definition of GPRS receive window (R97)	Lucent Technologies	Postponed
GP-010667	CR 04.60-A995 Correction of definition of GPRS receive window (R98)	Lucent Technologies	Postponed
GP-010668	CR 04.60-A996 Correction of definition of GPRS receive window (R99)	Lucent Technologies	Postponed
GP-010670	CR 04.60-A997 Reallocation of uplink resource during down link TBF release (R97)	Lucent Technologies	Postponed
GP-010671	CR 04.60-A998 Reallocation of uplink resource during down link TBF release (R98)	Lucent Technologies	Postponed
GP-010672	CR 04.60-A999 Reallocation of uplink resource during down link TBF release (R99)	Lucent Technologies	Postponed
GP-010674	CR 04.60-B000 Clarification of Ack/Nack Description (R99)	Lucent Technologies	Postponed
GP-010686	CR 04.60-B001 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (R99)	Vodafone	Revised
GP-010839	CR 04.60-B001 rev 1 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (R99)	Vodafone	Revised
GP-010955	CR 04.60-B001 rev 2 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (R99)	Vodafone	Approved
GP-010690	CR 04.60-B002 Alignment for the "blind" network initiated cell change order to UTRAN (R99)	Vodafone	Approved
GP-010694	CR 04.60-B003 Editorial alignments and clarifications (R99)	Vodafone	Revised
GP-010845	CR 04.60-B003 rev 1 Editorial alignments and clarifications (R99)	Vodafone	Approved
GP-010698	CR 04.60-B004 Clarification on Paging initiation using PACCH in NMO2 (R97)	Vodafone	Revised
GP-010809	CR 04.60-B004 rev 1 Clarification on Paging initiation using PACCH in NMO2 (R97)	Vodafone	Revised

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GP-010953	CR 04.60-B004 rev 2 Clarification on Paging initiation using PACCH in NMO2 (R97)	Vodafone	Approved
GP-010699	CR 04.60-B005 Clarification on Paging initiation using PACCH in NMO2 (R98)	Vodafone	Revised
GP-010810	CR 04.60-B005 rev 1 Clarification on Paging initiation using PACCH in NMO2 (R98)	Vodafone	Revised
GP-010952	CR 04.60-B005 rev 2 Clarification on Paging initiation using PACCH in NMO2 (R98)	Vodafone	Approved
GP-010700	CR 04.60-B006 Clarification on Paging initiation using PACCH in NMO2 (R99)	Vodafone	Withdrawn
GP-010705	CR 04.60-B007 blind search for 3G cell reselection in NC2 mode (R99)	Alcatel	Withdrawn
GP-010782	CR 04.60-B008 Introduction of the UTRAN blind search from the PSI3 quarter (R99)	Vodafone	Revised
GP-010885	CR 04.60-B008 rev 1 Introduction of the UTRAN blind search from the PSI3 quarter (R99)	Vodafone	Approved
GP-010803	CR 04.60-B009 GPRS attach	Ericsson	Withdrawn
GP-010791	CR 04.60-B010 Clarification on PSI 3 quater content (R99)	Alcatel	Revised
GP-010935	CR 04.60-B010 rev 1 Clarification on PSI3 quater content (R99)	Alcatel	Withdrawn
GP-010812	CR 04.71-A007 References for LCS (Rel 4)	Motorola	Revised
GP-010855	CR 04.71-A007 rev 1 References for LCS (Rel 4)	Motorola	Revised
GP-010928	CR 04.71-A007 rev 2 References for LCS (Rel 4)	Motorola	Approved
GP-010651	CR 05.02-A176 System Information Type 2 quater scheduling (R99)	Nokia	Approved
GP-010498	CR 05.05-A189 Clarification of Origin Offset Suppression (R99)	Alcatel	Revised
GP-010865	CR 05.05-A189 rev 1 Clarification of Origin Offset Suppression (R99)	Alcatel	Approved
GP-010710	CR 05.05-A190 Corrections to facilitate the interpretation (R99)	Ericsson	Revised
GP-010863	CR 05.05-A190 rev 1 Corrections to facilitate the interpretation (R99)	Ericsson	Approved
GP-010861	CR 05.05-A191 Removal of MS intermodulation requirement (R99)	Ericsson	Approved
GP-010574	CR 05.08-A315 Blind Cell re-selection synchronisation failure (R99)	Ericsson	Revised

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GP-010797	CR 05.08-A315 rev 1 Blind Cell re-selection synchronisation failure (R99)	Ericsson	Approved
GP-010577	CR 05.08-A316 Editorial correction to measurement reporting (R99)	Ericsson	Approved
GP-010654	CR 05.08-A317 Clarifications on System Information Type 2 quater decoding (R99)	Nokia	Approved
GP-010657	CR 05.08-A318 Correction on NBR_RCVD_BLOCKS counting (R99)	Nokia	Approved
GP-010707	CR 05.08-A319 blind search for 3G cell reselection in NC2 mode (R99)	Alcatel	Withdrawn
GP-010724	CR 05.08-A320 Clarification in TS 05.08 on 3G cell reselection (R99)	Alcatel	Revised
GP-010786	CR 05.08-A320 rev 1 Clarification in TS 05.08 on 3G cell reselection (R99)	Alcatel	Revised
GP-010867	CR 05.08-A320 rev 2 Clarification in TS 05.08 on 3G cell reselection (R99)	Alcatel	Withdrawn
GP-010914	CR 05.08-A321 Introduction of UTRAN Blind Search from PSI3 quarter (R99)	Ericsson	Approved
GP-010501	CR 05.10-A071 Initial Assignment reaction time (R99)	Siemens	Revised
GP-010972	CR 05.10-A071 rev 1 Initial Assignment reaction time (R99)	Siemens	Postponed
GP-010582	CR 05.10-A072 Handover to UTRAN delay (R99)	Ericsson	Withdrawn
GP-010742	CR 05.10-A073 Updates to GSM-UTRAN Handover Interruption Times (R99)	Siemens	Revised
GP-010835	CR 05.10-A073 rev 1 Updates to GSM-UTRAN Handover Interruption Times (R99)	Siemens	Approved
GP-010513	CR 08.08-A232 Indication of successful Directed Retry in Assignment Complete (R99)	Nokia	Approved
GP-010822	CR 08.08-A233 Correction of coding of signalling field elemen (R99)	Alcatel	Approved
GP-010476	CR 08.18-A119 Cause 'BVCI Unknown' allowed in STATUS PDU (R99)	Nortel Networks	Approved
GP-010696	CR 08.18-A121 Transmitted values in BSSGP: two clarifications (R99)	Vodafone	Revised
GP-010826	CR 08.18-A121 rev 1 Transmitted values in BSSGP: two clarifications (R99)	Vodafone	Approved

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GP-010744	CR 08.18-A122 Rate of transmission of flow control packets on Gb interface (R99)	Siemens	Revised
GP-010923	CR 08.18-A122 rev 1 Rate of transmission of flow control packets on Gb interface (R99)	Siemens	Revised
GP-010949	CR 08.18-A122 rev 2 Rate of transmission of flow control packets on Gb interface (R99)	Siemens	Withdrawn
GP-010747	CR 08.18-A123 Removal of BVC Reset / BVC blocking procedure contradiction (R99)	Siemens	Revised
GP-010829	CR 08.18-A123 rev 1 Removal of BVC Reset / BVC blocking procedure contradiction (R99)	Siemens	Approved
GP-010778	CR 08.18-A124 Introduction of the UTRAN CCO IE in the CREATE-BSS-PFC PDU (R99)	Vodafone	Revised
GP-010897	CR 08.18-A124 rev 1 Introduction of the UTRAN CCO IE in the CREATE-BSS-PFC PDU (R99)	Vodafone	Approved
GP-010535	CR 08.31-A001 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010853	CR 08.31-A001 rev 1 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010926	CR 08.31-A001 rev 2 New issue to support LCS (Rel 4)	Siemens	Approved
GP-010506	CR 08.58-A057 Alignment of 48.058 to 28.062 for support of AMR in TFO (Rel 4)	Alcatel, Ericsson, Nokia, Nortel, Siemens	Approved
GP-010537	CR 08.58-A058 New issues to support LCS (Rel 4) - Withdrawn	Siemens	Withdrawn
GP-010723	CR 08.58-A059 Changes due to WB-AMR (Rel 5)	Nokia	Revised
GP-010879	CR 08.58-A059 rev 1 Changes due to WB-AMR (Rel 5)	Nokia	Revised
GP-010938	CR 08.58-A059 rev 2 Changes due to WB-AMR (Rel 5)	Nokia	Approved
GP-010508	CR 08.60-A013 Introduction of AMR-WB (Rel 5)	Alcatel	Approved
GP-010834	CR 08.60-A014 Maximum Rate Control, TFO and Handover Notification (Rel 4)	Alcatel, Ericsson, Nokia, Nortel Siemens	Approved
GP-010532	CR 08.71-A007 Addition of a missing cause value in BSSLAP for segmentation errors (R98)	Siemens	Postponed
GP-010533	CR 08.71-A008 Addition of a missing cause value in BSSLAP for segmentation errors (R99)	Siemens	Postponed
GP-010534	CR 08.71-A009 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010852	CR 08.71-A009 rev 1 New issue to support LCS (Rel 4)	Siemens	Revised

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GP-010925	CR 08.71-A009 rev 2 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010979	CR 08.71-A009 rev 3 New issue to support LCS (Rel 4)	Siemens	Approved
GP-010536	CR 09.31-A019 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010854	CR 09.31-A019 rev 1 New issue to support LCS (Rel 4)	Siemens	Revised
GP-010927	CR 09.31-A019 rev 2 New issue to support LCS (Rel 4)	Siemens	Approved
GP-010471	CR 11.10-3-C481 TC_20_1. Proposal to change to final Pass verdict.	TSG GERAN WG4	Approved
GP-010471	CR 11.10-3-C482 Test case 26.10.2.4.1 implementation of "ready to transmit"	TSG GERAN WG4	Approved
GP-010472	CR 11.10-4-A003 Correction of wrong coding for SIM Application Toolkit test 27.22.4.2 (R96)	TSG GERAN WG4	Approved
GP-010472	CR 11.10-4-A004 Corrections for Test Case 27.22.5.1 (SMS-PP Data Download) (R96)	TSG GERAN WG4	Approved
GP-010682	CR 11.21-A141 rev 1 Intermodulation Test Method for MXM-850/1900 (R99)	Lucent Technologies	Approved
GP-010480	CR 11.21-A142 Relaxation of Power versus time (R99)	Ericsson	Approved
GP-010481	CR 11.21-A143 Correction of phase 2 references (R99)	Ericsson	Revised
GP-010902	CR 11.21-A143 rev 1 Correction of phase2 references	Ericsson	Approved
GP-010482	CR 11.21-A144 Correction of Rel 4 references (Rel 4)	Ericsson	Postponed
GP-010483	CR 11.21-A145 Alternative test procedure for vibration (R99)	Ericsson	Approved
GP-010484	CR 11.21-A146 Simplification of Intra BSS IM test for MXM (R99)	Ericsson	Postponed
GP-010485	CR 11.21-A147 Correction of error parameter in Table 15 (R99)	Ericsson	Approved
GP-010486	CR 11.21-A148 Testing of blocking requirements for MXM 1900 BTS (R99)	Ericsson	Approved
GP-010487	CR 11.21-A149 Alignment of AM supression test for MXM 850/1900 normal BTS (R99)	Ericsson	Approved
GP-010489	CR 11.21-A150 Relaxed uncertainty for EVM (R99)	GERAN WG3 Chair	Revised
GP-010901	CR 11.21-A150 rev 1 Relaxed uncertainty for EVM	Ericsson	Approved
GP-010500	CR 11.21-A151 Clarification of Origin Offset Suppression (R99)	Alcatel	Postponed
GP-010703	CR 24.008-xxx CLASSMARK 1, 2 and 3 corrections	Vodafone	NA

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GP-010493	CR 24.008-xxx Delayed TBF Release (Rel 4)	Motorola	NA
GP-010893	CR 24.008-xxx Delayed TBF Release (Rel 4)	Motorola	NA
GP-010922	CR 24.008-xxx Delayed TBF Release (Rel 4)	Ericsson	NA
GP-010729	CR 24.008-xxx Introduction of AMR-WB (Rel 5)	Nokia	NA
GP-010877	CR 24.008-xxx Introduction of AMR-WB (Rel 5)	Nokia	NA
GP-010749	CR 24.008-xxx TDD bandwidth in MS Radio Access Capabilities (Rel 4) – Withdrawn	Siemens	NA
GP-010765	CR 24.008-xxx: Definition of new DTM multislot classes (R99) – Withdrawn	Vodafone	NA
GP-010766	CR 24.008-xxx: Definition of new DTM multislot classes (Rel 4)	Vodafone	NA
GP-010770	CR 24.008-xxx: Extension for the definition of new DTM multislot classes (R99) - Withdrawn	Vodafone	NA
GP-010730	CR 29.002-xxx Introduction of AMR-WB (Rel 5)	Nokia	NA
GP-010878	CR 29.002-xxx Introduction of AMR-WB (Rel 5)	Nokia	NA
GP-010606	CR 43.051-011 TFI, RBid, DPSCH (Rel 5)	GERAN Adhoc #4	Revised
GP-010891	CR 43.051-011 rev 1 TFI, RBid, DPSCH (Rel 5)	GERAN Adhoc #4	Approved
GP-010624	CR 43.051-012 Working assumptions for RRC design (Rel 5)	Alcatel	Revised
GP-010890	CR 43.051-012 rev 1 Working assumptions for RRC design (Rel 5)	Alcatel	Revised
GP-010963	CR 43.051-012 rev 2 Working assumptions for RRC design (Rel-5)	Alcatel	Approved
GP-010632	CR 43.051-013 Introduction of RRC connection mobility assumptions for GERAN (Rel 5)	Alcatel	Revised
GP-010884	CR 43.051-013 rev 1 Introduction of RRC connection mobility assumptions for GERAN (Rel 5)	Alcatel	Revised
GP-010964	CR 43.051-013 rev 2 Introduction of RRC connection mobility assumptions for GERAN (Rel-5)	Alcatel	Approved
GP-010678	CR 43.051-014 TBF Establishment and Reconfiguration on DPSCH (Rel 5) – Withdrawn	Lucent Technologies	Withdrawn
GP-010715	CR 43.051-015 Clarifications and corrections to section 6.3 and Annex C (Rel 5)	Nokia	Revised
GP-010883	CR 43.051-015 rev 1 Clarifications and corrections to section 6.3 and Annex C (Rel 5)	Nokia	Approved



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GP-010605	CR 43.051-016 Removal of physical layer muxing (Rel 5)	GERAN Adhoc #4	Approved
GP-010753	CR 43.051-017 RLC SDU Discard (Rel 5)	Nokia	Revised
GP-010887	CR 43.051-017 rev 1 RLC SDU Discard (Rel 5)	Nokia	Approved
GP-010762	CR 43.051-018 Removal of the QR (Rel 5)	Nokia	Approved
GP-010603	CR 43.051-019 Inclusion of the decision of adopting RLC/MAC as layer 2 on the control plane (Rel 5)	GERAN Adhoc #4	Approved
GP-010962	CR 43.064-001 Modulation based mulotislot class (Rel 4)	Motorola	Approved
GP-010951	CR 43.064-002 GPRS attach (Rel 4)	Ericsson	Approved
GP-010527	CR 44.018-025 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (Rel 4)	Ericsson	Revised
GP-010934	CR 44.018-025 rev 1 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (Rel 4)	Ericsson	Postponed
GP-010593	CR 44.018-026 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (Rel 4)	Ericsson	Revised
GP-010825	CR 44.018-026 rev 1 MEASUREMENT_STARTING_TIME field in RR Packet Downlink Assignment IE (Rel 4)	Ericsson	Approved
GP-010585	CR 44.018-027 Introduction of AMR-WB (Rel 5)	Nokia	Revised
GP-010880	CR 44.018-027 rev 1 Introduction of AMR-WB (Rel 5)	Nokia	Approved
GP-010627	CR 44.018-028 Introduction of a presence bit indicator for SI2quater (R99)	Alcatel	Revised
GP-010895	CR 44.018-028 rev 1 Introduction of a presence bit indicator for SI2quater (Rel 4)	Alcatel	Approved
GP-010635	CR 44.018-029 Clarifications on SOLSA requirements (Rel 4)	Alcatel	Revised
GP-010920	CR 44.018-029 rev 1 Clarifications on SOLSA requirements (Rel 4)	Alcatel	Revised
GP-010958	CR 44.018-029 rev 2 Clarifications on SOLSA requirements (Rel 4)	Alcatel	Approved
GP-010660	CR 44.018-030 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010832	CR 44.018-030 rev 1 Dynamic ARFCN mapping (Rel 4)	Nokia, Vodafone	Revised
GP-010912	CR 44.018-030 rev 2 Dynamic ARFCN mapping (Rel 4)	Nokia, Vodafone	Revised
GP-010939	CR 44.018-030 rev 3 Dynamic ARFCN mapping (Rel 4)	Nokia	Approved

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GP-010663	CR 44.018-031 System Information Type 2 quater indication (Rel 4)	Nokia	Withdrawn
GP-010685	CR 44.018-032 The use of UTRAN Central frequencies by "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Revised
GP-010841	CR 44.018-032 rev 1 The use of UTRAN Central frequencies by "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Revised
GP-010954	CR 44.018-032 rev 2 The use of UTRAN Central frequencies by "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Approved
GP-010689	CR 44.018-034 GERAN to UTRAN RR-Network Controlled Cell Change Order: abnormal case (Rel 4)	Vodafone	Approved
GP-010693	CR 44.018-035 Editorial alignments and clarifications (Rel 4)	Vodafone	Revised
GP-010844	CR 44.018-035 rev 1 Editorial alignments and clarifications (Rel 4)	Vodafone	Approved
GP-010735	CR 44.018-036 Broadcast of CCN mode support in neighbour cells (Rel 4)	Alcatel	Revised
GP-010882	CR 44.018-036 rev 1 Broadcast of CCN mode support in neighbour cells (Rel 4)	Alcatel	Approved
GP-010739	CR 44.018-037 MAC Mode parameter in MAC Mode and Channel Coding Request IE (Rel 4)	Alcatel	Postponed
GP-010790	CR 44.018-038 Clarification on SI 2 quater content (Rel 4)	Alcatel	Postponed
GP-010896	CR 44.018-039 3G to GSM HO & dynamic ARFCN mapping	Nokia	Revised
GP-010940	CR 44.018-039 rev 1 3G to GSM HO & dynamic ARFCN mapping	Nokia	Revised
GP-010980	CR 44.018-039 rev 2 3G to GSM HO & dynamic ARFCN mapping	Nokia	Approved
GP-010496	CR 44.060-001 Correction to Packet SI Status message (Rel 4)	Ericsson	Revised
GP-010821	CR 44.060-001 rev 1 Correction to Packet SI Status message (Rel 4)	Ericsson	Approved
GP-010497	CR 44.060-002 Correction to Packet PSI Status message (Rel 4)	Ericsson	Revised
GP-010824	CR 44.060-002 rev 1 Correction to Packet PSI Status message (Rel 4)	Ericsson	Approved
GP-010492	CR 44.060-003 Extended Uplink TBF (Rel 4)	Motorola	Revised
GP-010892	CR 44.060-003 rev 1 Extended Uplink TBF (Rel 4)	Ericsson	Revised

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GP-010921	CR 44.060-003 rev 2 Extended Uplink TBF (Rel 4)	Ericsson	Approved
GP-010503	CR 44.060-004 Clarification of PSI Count High Rate (Rel4)	Siemens	Revised
GP-010815	CR 44.060-004 rev 1 Clarification of PSI Count High Rate (Rel 4)	Siemens	Revised
GP-010968	CR 44.060-004 rev 2 Clarification of PSI Count High Rate (Rel 4)	Siemens	Approved
GP-010505	CR 44.060-005 Clarification of T3193 (Rel4)	Siemens	Revised
GP-010818	CR 44.060-005 rev 1 Clarification of T3193 (Rel 4)	Siemens	Approved
GP-010589	CR 44.060-006 Correction of receive state array V(N) (Rel 4)	Ericsson	Approved
GP-010591	CR 44.060-007 TBF_RELEASE field in EGPRS Packet Downlink Ack/Nack (Rel 4)	Ericsson	Approved
GP-010595	CR 44.060-008 Clarification of EGPRS two-phase packet access (Rel 4)	Ericsson	Approved
GP-010596	CR 44.060-009 Delayed downlink TBF release (Rel 4)	Ericsson	Revised
GP-010837	CR 44.060-009 rev 1 Delayed downlink TBF release (Rel 4)	Ericsson	Revised
GP-010947	CR 44.060-009 rev 2 Delayed downlink TBF release (Rel 4)	Ericsson	Approved
GP-010584	CR 44.060-010 Commanded Cell re-selection synchronisation failure (Rel 4)	Ericsson	Approved
GP-010598	CR 44.060-011 RLC/MAC Control block transmission during countdown (Rel 4)	Nokia	Revised
GP-010813	CR 44.060-011 rev 1 RLC/MAC Control block transmission during countdown (Rel 4)	Nokia	Approved
GP-010600	CR 44.060-012 Editorial correction on T3184 (Rel 4)	Nokia	Revised
GP-010820	CR 44.060-012 rev 1 Editorial correction on T3184 (Rel 4)	Nokia	Approved
GP-010614	CR 44.060-013 Repetition of the PACKET CELL CHANGE NOTIFICATION message (Rel 4)	Alcatel	Revised
GP-010859	CR 44.060-013 rev 1 Repetition of the PACKET CELL CHANGE NOTIFICATION message (Rel 4)	Alcatel	Approved
GP-010615	CR 44.060-014 MS behaviour upon polling in PCCC or PCCO message (Rel 4)	Alcatel	Approved
GP-010616	CR 44.060-015 Encoding of the Packet Cell Change Notification message (Rel 4)	Alcatel	Revised

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GP-010860	CR 44.060-015 rev 1 Encoding of the Packet Cell Change Notification message (Rel 4)	Alcatel	Approved
GP-010623	CR 44.060-016 Paging coordination by the BSS independent of the DTM feature support (Rel 4)	Alcatel	Revised
GP-010811	CR 44.060-016 rev 1 Paging coordination by the BSS independent of the DTM feature support (Rel 4)	Alcatel	Approved
GP-010630	CR 44.060-017 Broadcast of CCN mode support in neighbour cells (Rel 4)	Alcatel	Revised
GP-010881	CR 44.060-017 rev 1 Broadcast of CCN mode support in neighbour cells (Rel 4)	Alcatel	Revised
GP-010959	CR 44.060-017 rev 2 Broadcast of CCN mode support in neighbour cells (Rel 4)	Alcatel	Approved
GP-010631	CR 44.060-018 New MS behaviour in case of un-successful cell re-selection (Rel 4)	Alcatel	Postponed
GP-010661	CR 44.060-019 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010833	CR 44.060-019 rev 1 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010913	CR 44.060-019 rev 2 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010904	CR 44.060-019 rev 3 Dynamic ARFCN mapping (Rel 4)	Nokia	Approved
GP-010669	CR 44.060-020 Correction of definition of GPRS receive window (Rel 4)	Lucent Technologies	Postponed
GP-010673	CR 44.060-021 Reallocation of uplink resource during down link TBF release (Rel 4)	Lucent Technologies	Postponed
GP-010675	CR 44.060-022 Clarification of Ack/Nack Description (Rel 4)	Lucent Technologies	Postponed
GP-010680	CR 44.060-023 Paging Procedures for Iu Mode (Rel 5)	Lucent Technologies	Postponed
GP-010691	CR 44.060-024 Alignment for the "blind" network initiated cell change order to UTRAN (Rel 4)	Vodafone	Revised
GP-010842	CR 44.060-024 rev 1 Alignment for the "blind" network initiated cell change order to UTRAN (Rel 4)	Vodafone	Approved
GP-010695	CR 44.060-025 Editorial alignments and clarifications (Rel 4)	Vodafone	Revised
GP-010846	CR 44.060-025 rev 1 Editorial alignments and clarifications (Rel 4)	Vodafone	Approved
GP-010701	CR 44.060-026 Clarification on Paging initiation using PACCH in NMO2 (Rel 4)	Vodafone	Withdrawn

Tdoc	Title	Source	Status
GP-010687	CR 44.060-027 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Revised
GP-010840	CR 44.060-027 rev 1 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Revised
GP-010956	CR 44.060-027 rev 2 Delivering UTRAN Central frequencies to "Class C GPRS" (&UTRAN) mobiles (Rel 4)	Vodafone	Approved
GP-010706	CR 44.060-028 blind search for 3G cell reselection in NC2 mode (Rel 4)	Alcatel	Withdrawn
GP-010754	CR 44.060-029 Section 8: Inclusion of GERAN (Rel 5)	Nokia	Postponed
GP-010755	CR 44.060-030 RLC SDU Discard (Rel 5)	Nokia	Postponed
GP-010780	CR 44.060-031 Modulation based multislot class (Rel 4)	Motorola	Revised
GP-010900	CR 44.060-031 rev 1 Modulation based multislot class (Rel 4)	Motorola	Approved
GP-010783	CR 44.060-032 Introduction of the UTRAN blind search from the PSI3 quarter (Rel 4)	Vodafone	Revised
GP-010886	CR 44.060-032 rev 1 Introduction of the UTRAN blind search from the PSI3 quarter (Rel 4)	Vodafone	Approved
GP-010792	CR 44.060-033 Clarification on PSI 3 quater content (Rel 4)	Alcatel	Revised
GP-010936	CR 44.060-033 rev 1 Clarification on PSI3 quater content (Rel 4)	Alcatel	Withdrawn
GP-010646	CR 45.002-009 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010871	CR 45.002-009 rev 1 Dynamic ARFCN mapping (Rel 4)	Nokia	Approved
GP-010647	CR 45.002-010 Dynamic ARFCN mapping (Rel 5)	Nokia	Revised
GP-010872	CR 45.002-010 rev 1 Dynamic ARFCN mapping (Rel 5)	Nokia	Approved
GP-010652	CR 45.002-011 System Information Type 2 quater scheduling (Rel 4)	Nokia	Approved
GP-010653	CR 45.002-012 System Information Type 2 quater scheduling (Rel 5)	Nokia	Approved
GP-010761	CR 45.002-013 Mapping of HR 8PSK channels (Rel 5)	Nokia	Postponed
GP-010969	CR 45.002-014 Modulation based multislot capabilities (Rel 4)	Motorola	Withdrawn
GP-010970	CR 45.002-015 Modulation based multislot capabilities (Rel 5)	Motorola	Withdrawn
GP-010760	CR 45.003-002 Channel coding for O-FACCH (Rel 5)	Nokia	Postponed
GP-010499	CR 45.005-016 Clarification of Origin Offset Suppression (Rel 4)	Alcatel	Revised

Tdoc	Title	Source	Status
GP-010866	CR 45.005-016 rev 1 Clarification of Origin Offset Suppression (Rel 4)	Alcatel	Approved
GP-010648	CR 45.005-017 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010831	CR 45.005-017 rev 1 Dynamic ARFCN mapping (Rel 4)	Nokia, Vodafone	Revised
GP-010870	CR 45.005-017 rev 2 Dynamic ARFCN mapping (Rel 4)	Nokia, Vodafone	Revised
GP-010945	CR 45.005-017 rev 3 Dynamic ARFCN mapping (Rel 4)	Nokia, Vodafone	Approved
GP-010711	CR 45.005-018 Corrections to facilitate the interpretation (Rel 4)	Ericsson	Revised
GP-010864	CR 45.005-018 rev 1 Corrections to facilitate the interpretation (Rel 4)	Ericsson	Approved
GP-010712	CR 45.005-019 Removal of requirements valid before December 1999	Ericsson	Approved
GP-010862	CR 45.005-020 Removal of MS intermodulation requirement (Rel 4)	Ericsson	Approved
GP-010575	CR 45.008-017 Blind Cell re-selection synchronisation failure (Rel 4)	Ericsson	Revised
GP-010798	CR 45.008-017 rev 1 Blind Cell re-selection synchronisation failure (Rel 4)	Ericsson	Approved
GP-010576	CR 45.008-018 Blind Cell re-selection synchronisation failure (Rel 5)	Ericsson	Revised
GP-010799	CR 45.008-018 rev 1 Blind Cell re-selection synchronisation failure (Rel 5)	Ericsson	Approved
GP-010578	CR 45.008-019 Editorial correction to measurement reporting (Rel 4)	Ericsson	Approved
GP-010579	CR 45.008-020 Editorial correction to measurement reporting (Rel 5)	Ericsson	Approved
GP-010580	CR 45.008-021 Clarification of LSA identification (Rel 4)	Ericsson	Approved
GP-010581	CR 45.008-022 Clarification of LSA identification (Rel 5)	Ericsson	Approved
GP-010649	CR 45.008-023 Dynamic ARFCN mapping (Rel 4)	Nokia	Revised
GP-010873	CR 45.008-023 rev 1 Dynamic ARFCN mapping (Rel 4)	Nokia	Approved
GP-010650	CR 45.008-024 Dynamic ARFCN mapping (Rel 5)	Nokia	Revised
GP-010874	CR 45.008-024 rev 1 Dynamic ARFCN mapping (Rel 5)	Nokia	Approved
GP-010655	CR 45.008-025 Clarifications on System Information Type 2 quater decoding (Rel 4)	Nokia	Approved

Tdoc	Title	Source	Status
GP-010656	CR 45.008-026 Clarifications on System Information Type 2 quarter decoding (Rel 5)	Nokia	Approved
GP-010658	CR 45.008-027 Correction on NBR_RCVD_BLOCKS counting (Rel 4)	Nokia	Approved
GP-010659	CR 45.008-028 Correction on NBR_RCVD_BLOCKS counting (Rel 5)	Nokia	Approved
GP-010708	CR 45.008-029 blind search for 3G cell reselection in NC2 mode (Rel 4)	Alcatel	Withdrawn
GP-010709	CR 45.008-030 blind search for 3G cell reselection in NC2 mode (Rel 5)	Alcatel	Withdrawn
GP-010725	CR 45.008-031 Clarification in TS 05.08 on 3G cell reselection (Rel 4)	Alcatel	Revised
GP-010787	CR 45.008-031 rev 1 Clarification in TS 05.08 on 3G cell reselection (Rel 4)	Alcatel	Revised
GP-010868	CR 45.008-031 rev 2 Clarification in TS 05.08 on 3G cell reselection (Rel 4)	Alcatel	Withdrawn
GP-010726	CR 45.008-032 Clarification in TS 05.08 on 3G cell reselection (Rel 5)	Alcatel	Revised
GP-010788	CR 45.008-032 rev 1 Clarification in TS 05.08 on 3G cell reselection (Rel 5)	Alcatel	Revised
GP-010869	CR 45.008-032 rev 2 Clarification in TS 05.08 on 3G cell reselection (Rel 5)	Alcatel	Withdrawn
GP-010915	CR 45.008-033 Introduction of UTRAN Blind Search from PSI3 quarter (Rel 4)	Ericsson	Approved
GP-010916	CR 45.008-034 Introduction of UTRAN Blind Search from PSI3 quarter (Rel 5)	Ericsson	Approved
GP-010514	CR 48.008-009 Indication of successful Directed Retry in Assignment Complete (Rel 4)	Nokia	Approved
GP-010515	CR 48.008-010 Introduction of AMR-WB (Rel 5)	Nokia	Revised
GP-010875	CR 48.008-010 rev 1 Introduction of AMR-WB (Rel 5)	Nokia	Approved
GP-010516	CR 48.008-011 Circuit pools for AMR-WB (Rel 5)	Nokia	Revised
GP-010876	CR 48.008-011 rev 1 Circuit pools for AMR-WB (Rel 5)	Nokia	Approved
GP-010823	CR 48.008-012 Correction of coding of signalling field element (Rel 4)	Alcatel	Approved
GP-010858	CR 48.008-013 Updates to support GERAN LCS Release 4	LCS rapporteur	Revised

Tdoc	Title	Source	Status
GP-010929	CR 48.008-013 rev 1 Release 4 3GPP TS 48.008 Updates to support GERAN LCS Release 4	LCS rapporteur	Revised
GP-010965	CR 48.008-013 rev 2 Release 4 3GPP TS 48.008 Updates to support GERAN LCS Release 4	LCS rapporteur	Approved
GP-010746	CR 48.016-001 Clarification of SNS message use in GB/IP and SNS ADD message error case implications (Rel 4)	Siemens	Revised
GP-010828	CR 48.016-001 rev 1 Clarification of SNS message use in GB/IP and SNS ADD message error case implications (Rel 4)	Siemens	Approved
GP-010477	CR 48.018-024 Cause 'BVCI Unknown' allowed in STATUS PDU (Rel 4)	Nortel Networks	Approved
GP-010618	CR 48.018-025 Clarification on the PDU lifetime (Rel 4)	Alcatel	Rejected
GP-010683	CR 48.018-026 SGSN behaviour upon receipt of a BSSGP RADIO STATUS PDU (Rel 4)	Alcatel	Approved
GP-010697	CR 48.018-027 Transmitted values in BSSGP: two clarifications (Rel 4)	Vodafone	Revised
GP-010827	CR 48.018-027 rev 1 Transmitted values in BSSGP: two clarifications (Rel 4)	Vodafone	Approved
GP-010538	CR 48.018-028 Bucket indicator, bucket filled ratio (Rel 4)	Ericsson	Postponed
GP-010745	CR 48.018-029 Rate of transmission of flow control packets on Gb interface (Rel 4)	Siemens	Revised
GP-010924	CR 48.018-029 rev 1 Rate of transmission of flow control packets on Gb interface (Rel 4)	Siemens	Revised
GP-010950	CR 48.018-029 rev 2 Rate of transmission of flow control packets on Gb interface (Rel 4)	Siemens	Withdrawn
GP-010748	CR 48.018-030 Removal of BVC Reset / BVC blocking procedure contradiction (Rel 4)	Siemens	Revised
GP-010830	CR 48.018-030 rev 1 Removal of BVC Reset / BVC blocking procedure contradiction (Rel 4)	Siemens	Approved
GP-010779	CR 48.018-031 Introduction of the UTRAN CCO IE in the CREATE-BSS-PFC PDU (Rel 4)	Vodafone	Revised
GP-010898	CR 48.018-031 rev 1 Introduction of the UTRAN CCO IE in the CREATE-BSS-PFC PDU (Rel 4)	Vodafone	Approved
GP-010466	CR 51.010-1-135 Clause 40 – GPRS default conditions, message contents and macros (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-136 Clause 44.2.5.2.3 - Ciphering mode / IMEISV request (Rel 4)	TSG GERAN WG4	Approved



Tdoc	Title	Source	Status
GP-010466	CR 51.010-1-137 Clause 44.2.3.2.9 - Combined routing area updating / abnormal cases / change of cell during routing area updating procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-138 Clause 44.2.5.2.1 - Ciphering mode / start ciphering (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-139 SNDCP test "Response from MS on receiving XID request from the SS" (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-140 Corrections and clarification of the GPRS defaults section 40. (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-141 41.2 RR procedures on CCCH related to temporary block flow establishment (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-142 Clause 41.3.4.2 TBF Release / Downlink / Normal / Network initiated / Unacknowledged mode (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-143 Correction of reaction time check in section 42.2.2.11 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-144 GPRS MAC Dynamic Allocation Test Case 42.3.1.2.1 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-145 Additional GPRS Conformance Tests for Network Controlled Reselection (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-146 42.5.1.1 Downlink Transfer / Normal operation / Relative encoding TBF starting time (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-147 Stall Indicator usage clarification (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-148 GMM Procedure timeout during GPRS Detach or Combined routing area updating (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-149 44.2.1.2.7 TMSI Status Check Not Required In ATTACH REQUEST and MS Will Always Respond To Paging With IMSI. (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-150 Use of the Allocation bitmap in accordance with the value of T3168 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-151 Permission to access the network – setting of priority for data transfer (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-152 SS Needs To Send Packet Paging Request or a Paging Request Type 1 In 44.2.1.1.1. (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-153 Corrections To The Test Method Of 44.2.1.2.1 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-154 Test Duration of 44.2.3.3.1 Calls Periodic Location Update Timer To Be Disabled (Rel 4)	TSG GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-010466	CR 51.010-1-155 Cells Used In The Testing Of Reject Cause 'PLMN not allowed' Should Not Have The Home PLMN and the Location Update Procedure Is Not Initiated By A Mobile in Mode C "GPRS"(44.2.1.1.4) (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-156 Various Corrections To The Procedures Of Test Case 44.2.1.1.5 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-157 44.2.3.3.2 Periodic routing area updating / accepted / T3312 default value (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-158 44.2.3.3.3 Periodic routing area updating / no cell available / Network mode I and 44.2.3.3.4 Combined routing area updating / no cell available (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-159 44.2.1.2.3 Combined GPRS attach / GPRS attach while IMSI attach (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-160 44.2.2.1.2 GPRS detach / accepted (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-161 Corrections To The Test Method Of 45_2_1_1 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-162 Procedure, Expected Sequence and Default Message Corrections To 45.2.2 (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-163 Clause 44.2.5.1.1 - Authentication accepted (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-164 Clause 44.2.5.2.2- Ciphering mode / stop ciphering (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-165 Clause 44.2.3.1.2- Routing area updating / rejected / IMSI invalid / illegal ME (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-166 Clause 44.2.6 - Identification procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-167 Clause 44.2.3.1.6- Routing area updating / abnormal cases / change of cell into new routing area (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-168 Clause 44.2.3.2.8- Combined routing area updating / abnormal cases / change of cell into new routing area (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-169 Clause 44.2.3.1.4- Routing area updating / rejected / location area not allowed (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-170 Clause 44.2.1.1.1- GPRS attach / accepted (Rel 4)	TSG GERAN WG4	Approved
GP-010466	CR 51.010-1-171 41.3.2.1 TBF Release / Uplink / Normal / Network initiated / Acknowledged mode and 41.3.2.2 TBF Release / Uplink / Normal / Network initiated / Unacknowledged mode (Rel 4)	TSG GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-010467	CR 51.010-1-172 EVM test equipment measurement uncertainties (Rel 4)	TSG GERAN WG4	Approved
GP-010467	CR 51.010-1-173 Introduction of the EGPRS Radio Signalling Test Cases numbering. (Rel 4)	TSG GERAN WG4	Approved
GP-010467	CR 51.010-1-174 EGPRS Power Versus Time Template for 8PSK modulation (Rel 4)	TSG GERAN WG4	Approved
GP-010468	CR 51.010-1-175 Artificial Ear - A3.2.8 - acoustic measurements illustrated (Rel 4)	TSG GERAN WG4	Approved
GP-010468	CR 51.010-1-176 Correction of the Testcases 13.16.1-3 of " in 51.010-1 "GPRS Transmitter Tests" in section 13.16 (Rel 4)	TSG GERAN WG4	Approved
GP-010468	CR 51.010-1-177 Correction of the applicability table in 51.010-1 section 3.2.2 (Rel 4)	TSG GERAN WG4	Approved
GP-010468	CR 51.010-1-178 Correction of Measurement Range for 13.5 (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-179 Alignment of TS 51.010-1 clause 31.1.3.1 COLP / Normal operation (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-180 Alignment of TS 51.010-1 clause 31.4.4.3.2 Add the single call to the MPTY, maximum number of participants exceeded (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-181 Test Case 28.2 – Incorrect Comments in Test Procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-182 Test Case 28.3 – Missing Test Steps in Test Procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-183 Test Case 28.4 – Incorrect timer value in Test Procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-184 Test case 31.4.3.4- Incorrect Forseen Final State. (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-185 Clause 31.11 – Modifications to Specific Message Contents (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-186 Clauses 31.2.1.1.1 and 31.2.1.2.2– Modifications to Specific Message Contents. (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-187 Test case 31.9.1.2 – Corrections to Expected Message Sequence and Specific Message Contents (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-188 Test case 31.9.1.1 – Modifications to Specific Message Contents (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-189 Clause 31.4.4.1.2.4. Auto-retrieval of held calls (Rel 4)	TSG GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-010469	CR 51.010-1-190 Test Case 31.1.3.1. Error in Test Procedure (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-191 Alignment of TS 51.010-1 clause 31.3.1.2.2.2 Waiting call accepted; existing call on hold, held call cleared. (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-192 Alignment of TS 51.010-1 clause 31.9.1.1 Mobile station initiated Unstructured supplementary service data operation / ProcessUnstructuredSS-request/accepted. (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-193 Editorial Correction for Advice of Charge Charging in section 31.6 and addition of tests for Advice of Charge Information in section 31.6.3.1 (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-194 New test cases for CS intersystem handover (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-195 Introduction of tests for COLR – Normal Operation in section 31.1.4.2 (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-196 Removal of TS51.010-1 test cases 31.4.3.5; 31.4.4.1.2.1 and 31.4.4.1.2.2 (Rel 4)	TSG GERAN WG4	Approved
GP-010470	CR 51.010-1-197 Removal of the Applicability Table in clause 3.2.2 (Rel 4)	TSG GERAN WG4	Approved
GP-010469	CR 51.010-1-198 Clause 31.8.6.1: correction of the call barring test (Rel 4)	TSG GERAN WG4	Approved

**3GPP TSG GERAN  
Meeting no 5  
Chicago, USA  
28 May – 1 June 2001**

**List of CRs presented to GERAN #05**

Tdoc	Title	Source	Status
GP-011036	CR 03.22-A054 Remaining errors from the split (R99)	Ericsson	Revised
GP-011328	CR 03.22-A054 rev 1 Remaining errors from the split (R99)	Ericsson	Approved
GP-011038	CR 03.22-A055 Clarifications due to equivalent PLMN. (R99)	Ericsson	Revised
GP-011321	CR 03.22-A055 rev 1 Clarifications due to equivalent PLMN. (R99)	Ericsson	Approved
GP-011125	CR 03.71-Axxx Remove RR/BSSAP-LE segmentation and RR preemption (R98)	Ericsson	NA
GP-011126	CR 03.71-Axxx Remove RR/BSSAP-LE segmentation and RR preemption (R99)	Ericsson	NA
GP-011128	CR 04.06-A012 Remove preemption (R98)	Ericsson	Withdrawn
GP-011129	CR 04.06-A013 Remove preemption (R99)	Ericsson	Withdrawn
GP-010985	CR 04.08-A742 rev 2 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R98)	Ericsson	Approved
GP-011131	CR 04.08-A754 Remove preemption and RR segmentation (R98)	Ericsson	Withdrawn
GP-011114	CR 04.14-A012 EGPRS Test Mode (R99)	Motorola	Revised
GP-011318	CR 04.14-A012 rev 1 EGPRS Test Mode (R99)	Motorola	Revised
GP-011434	CR 04.14-A012 rev 2 EGPRS Test Mode (R99)	Motorola	Approved
GP-010986	CR 04.18-A189 rev 2 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (R99)	Ericsson	Approved
GP-010989	CR 04.18-A199 Invalid BSICs: terminology alignment (R99)	Vodafone, Ericsson	Approved
GP-011012	CR 04.18-A200 Introduction of the GSM to CDMA2000 handover procedure (R99)	Vodafone, Qualcomm	Revised
GP-011379	CR 04.18-A200 rev 1 Introduction of the GSM to CDMA2000 handover procedure (R99)	Vodafone, Qualcomm	Revised

Tdoc	Title	Source	Status
GP-011439	CR 04.18-A200 rev 2 Introduction of the GSM to CDMA2000 handover procedure (R99)	Vodafone, Qualcomm	Approved
GP-011074	CR 04.18-A201 Transfer of the N(SD) duplication avoidance protocol from GSM 04.18 (R99)	Ericsson	Approved
GP-011132	CR 04.18-A202 Remove preemption and RR segmentation (R99)	Ericsson	Withdrawn
GP-011108	CR 04.18-A203 CSN.1 Coding changes to RTD struct (R99)	Siemens	Approved
GP-011067	CR 04.18-A204 Clarification of predefined configuration status report. (R99)	Ericsson	Revised
GP-011271	CR 04.18-A204 rev 1 Clarification of predefined configuration status report. (R99)	Ericsson	Revised
GP-011374	CR 04.18-A204 rev 2 Clarification of predefined configuration status report. (R99)	Ericsson	Revised
GP-011421	CR 04.18-A204 rev 3 Clarification of predefined configuration status report. (R99)	Ericsson	Approved
GP-011252	CR 04.18-A205 Correction to polling in single block downlink assignment on CCCH (R99)	Nokia	Revised
GP-011289	CR 04.18-A205 rev 1 Correction to polling in single block downlink assignment on CCCH (R99)	Nokia	Withdrawn
GP-011265	CR 04.18-A206 Correction of transparent information in Classmark Change (R99)	Ericsson	Revised
GP-011314	CR 04.18-A206 rev 1 Correction of transparent information in Classmark Change (R99)	Ericsson	Withdrawn
GP-011389	CR 04.18-A207 Handling of starting time in the case of intersystem handover to GSM and in the case of blind handover (R99)	Nokia	Approved
GP-011083	CR 04.31-A028 RRLP message size limit (R98)	Ericsson	Withdrawn
GP-011084	CR 04.31-A029 RRLP message size limit (R99)	Ericsson	Withdrawn
GP-011089	CR 04.31-A030 Expected OTD (R98)	Ericsson	Withdrawn
GP-011090	CR 04.31-A031 Expected OTD (R99)	Vodafone, Ericsson	Withdrawn
GP-011119	CR 04.31-A032 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Revised
GP-011349	CR 04.31-A032 rev 1 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Revised

Tdoc	Title	Source	Status
GP-011406	CR 04.31-A032 rev 2 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Revised
GP-011428	CR 04.31-A032 rev 3 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Approved
GP-011121	CR 04.31-A033 OTD measurements referenced to a frame (R99)	Mitsubishi	Revised
GP-011353	CR 04.31-A033 rev 1 OTD measurements referenced to a frame (R99)	Mitsubishi	Postponed
GP-011244	CR 04.31-A034 Stage 3 LCS Position Procedure Changes (R98)	Qualcomm	Withdrawn
GP-011245	CR 04.31-A035 Stage 3 LCS Position Procedure Changes (R99)	Qualcomm	Withdrawn
GP-011301	CR 04.31-A036 LCS Position Procedure Change (R98)	Motorola	Revised
GP-011355	CR 04.31-A036 rev 1 LCS Position Procedure Change (R98)	Motorola	Withdrawn
GP-011302	CR 04.31-A037 LCS Position Procedure Change (R99)	Motorola	Revised
GP-011356	CR 04.31-A037 rev 1 LCS Position Procedure Change (R99)	Motorola	Withdrawn
GP-011351	CR 04.31-A038 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Revised
GP-011410	CR 04.31-A038 rev 1 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Revised
GP-011430	CR 04.31-A038 rev 2 Corrections to number of neighbour cells allowed in RRLP specification (R99)	Mitsubishi	Approved
GP-011352	CR 04.31-A039 OTD measurements referenced to a frame (R99)	Mitsubishi	Postponed
GP-011403	CR 04.31-A040 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Revised
GP-011431	CR 04.31-A040 rev 1 Addition of two fields for E-OTD method & corrections (R98)	Nokia	Approved
GP-011404	CR 04.31-A041 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Revised
GP-011432	CR 04.31-A041 rev 1 Addition of two fields for E-OTD method & corrections (R99)	Nokia	Approved
GP-011049	CR 04.60-B000 rev 1 Clarification and Correction of Ack/Nack Description in EGPRS (R99)	Lucent, Ericsson	Revised
GP-011300	CR 04.60-B000 rev 2 Clarification and Correction of Ack/Nack Description in EGPRS (R99)	Lucent, Ericsson	Approved

Tdoc	Title	Source	Status
GP-010992	CR 04.60-B011 Invalid BSICs: terminology alignment (R99)	Vodafone	Approved
GP-011010	CR 04.60-B012 Correction of Serving Cell information in the Packet Enhanced Measurement Report message (R99)	Vodafone, Ericsson	Approved
GP-010994	CR 04.60-B013 TFI in the RLC header (R99)	Ericsson	Rejected
GP-010996	CR 04.60-B014 Close-ended TBF (R99)	Ericsson	Rejected
GP-011034	CR 04.60-B015 Countdown procedure (R99)	Ericsson	Withdrawn
GP-011051	CR 04.60-B016 Correction of RLC receive state array and variables (R99)	Ericsson, Lucent	Revised
GP-011285	CR 04.60-B016 rev 1 Correction of RLC receive state array and variables (R99)	Ericsson, Lucent	Approved
GP-011079	CR 04.60-B017 Correction of EGPRS block sequence numbering (R99)	Ericsson	Approved
GP-011155	CR 04.60-B018 Clarification to LCC PDU Length Indicator (R99)	Lucent	Revised
GP-011287	CR 04.60-B018 rev 1 Clarification to LCC PDU Length Indicator (R99)	Ericsson, Lucent	Postponed
GP-011111	CR 04.60-B019 CSN.1 Coding changes to RTD struct (R99)	Siemens	Approved
GP-011238	CR 04.60-B021 Packet Measurement Order and Report based on UTRAN FDD central frequency (R99)	Alcatel	Withdrawn
GP-011008	CR 04.71-A005 rev 2 Modifications of quality information (R98)	Nokia	Approved
GP-011009	CR 04.71-A006 rev 2 Modifications of quality information (R99)	Nokia	Approved
GP-011102	CR 04.71-A008 correct ASN.1 references (R99)	Siemens	Revised
GP-011397	CR 04.71-A008 rev 1 Correct ASN.1 references (Rel 99)	Siemens	Approved
GP-011103	CR 04.71-A009 correct ASN.1 references (R98)	Siemens	Revised
GP-011396	CR 04.71-A009 rev 1 Correct ASN.1 references (R98)	Siemens	Approved
GP-011217	CR 05.02-A177 Clarification of TSC to use for PTCCH/D (R97)	Nortel Networks	Rejected
GP-011218	CR 05.02-A178 Clarification of TSC to use for PTCCH/D (R98)	Nortel Networks	Revised
GP-011219	CR 05.02-A179 Clarification of TSC to use for PTCCH/D (R99)	Nortel Networks	Rejected
GP-011209	CR 05.04-A010 Correction of Timing Alignment for GMSK and 8-PSK Signals (R99)	Siemens	Approved
GP-011327	CR 05.04-A011 Correction of Timing Alignment for GMSK and 8-PSK Signals (R98)	Siemens	Approved



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GP-011070	CR 05.05-A192 Corrections for clarification regarding output power and blocking requirements (R99)	Ericsson	Approved
GP-011040	CR 05.08-A322 Clarifications due to equivalent PLMN. (R99)	Ericsson	Revised
GP-011324	CR 05.08-A322 rev 1 Clarifications due to equivalent PLMN. (R99)	Ericsson	Revised
GP-011415	CR 05.08-A322 rev 2 Clarifications due to equivalent PLMN. (R99)	Ericsson	Approved
GP-011043	CR 05.08-A323 Missing default values for measurement parameters (R99)	Ericsson	Approved
GP-011046	CR 05.08-A324 Invalid BSIC: Terminology alignment. (R99)	Ericsson, Vodafone	Approved
GP-011240	CR 05.08-A325 Measurement reporting based on UTRAN FDD central frequency (R99)	Alcatel	Withdrawn
GP-011057	CR 05.14-A001 Corrections of GSM400 to release independent implementation guide for (R97)	Nokia	Revised
GP-011330	CR 05.14-A001 rev 1 Corrections of GSM400 to release independent implementation guide for (R97)	Nokia	Approved
GP-011058	CR 05.14-A002 Corrections of GSM400 to release independent implementation guide for (R98)	Nokia	Revised
GP-011331	CR 05.14-A002 rev 1 Corrections of GSM400 to release independent implementation guide for (R98)	Nokia	Approved
GP-011059	CR 05.14-A003 GSM850 addition to release independent implementation guide (R97)	Nokia	Revised
GP-011424	CR 05.14-A003 rev 1 GSM850 addition to release independent implementation guide (R97)	Nokia	Approved
GP-011060	CR 05.14-A004 GSM850 addition to release independent implementation guide (R98)	Nokia	Revised
GP-011425	CR 05.14-A004 rev 1 GSM850 addition to release independent implementation guide (R98)	Nokia	Approved
GP-011413	CR 05.14-A005 GSM850 addition to release independent implementation guide (R97)	Cingular	Withdrawn
GP-011414	CR 05.14-A006 GSM850 addition to release independent implementation guide (R98)	Cingular	Withdrawn
GP-011134	CR 08.08-A234 Remove BSSAP segmentation for RRLP (R98)	Ericsson	Withdrawn
GP-011135	CR 08.08-A235 Remove BSSAP segmentation for RRLP (R99)	Ericsson	Withdrawn

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GP-011179	CR 08.08-A236 Partial Roaming - Relocation Failure Cause Hutchison 3G (R99)	Hutchison 3G	Withdrawn
GP-011377	CR 08.08-A237 Layer 3 information - RRC container (R99)	Ericsson	Withdrawn
GP-011106	CR 08.18-A125 Rate of transmission of flow control packets on Gb interface (R99)	Siemens	Revised
GP-011294	CR 08.18-A125 rev 1 Rate of transmission of flow control packets on Gb interface (R99)	Siemens	Approved
GP-011183	CR 08.18-A126 BVC unblocking and BVC reset procedures interleaving (R99)	Nortel Networks	Rejected
GP-011298	CR 08.18-A127 Bucket indicator, bucket filled ratio (R99)	Ericsson	Approved
GP-011292	CR 08.18-A128 Rate of transmission of flow control packets on Gb interface (R97)	Siemens	Approved
GP-011293	CR 08.18-A129 Rate of transmission of flow control packets on Gb interface (R98)	Siemens	Approved
GP-011002	CR 08.31-A002 PDU ASN.1 corrections for PDU type information is missing (R98)	Nokia	Approved
GP-011005	CR 08.31-A003 99 to align modifications of quality information based on CR to 04.71 (R98)	Nokia	Approved
GP-011001	CR 08.31-A004 PDU ASN.1 corrections for PDU type information is missing (R99)	Nokia	Revised
GP-011401	CR 08.31-A004 rev 1 PDU ASN.1 corrections for PDU type information is missing (R99)	Nokia	Approved
GP-011004	CR 08.31-A005 to align modifications of quality information based on CR to 04.71 (R99)	Nokia	Approved
GP-011099	CR 08.31-A006 ASN.1 references (R99)	Siemens	Revised
GP-011394	CR 08.31-A006 rev 1 ASN.1 references (R99)	Siemens	Approved
GP-011100	CR 08.31-A007 ASN.1 references (R98)	Siemens	Revised
GP-011395	CR 08.31-A007 rev 1 ASN.1 references (R98)	Siemens	Approved
GP-011086	CR 08.71-A010 Segmentation error cause (R98)	Ericsson	Withdrawn
GP-011087	CR 08.71-A011 Segmentation error cause (R99)	Ericsson	Withdrawn
GP-011137	CR 09.31-A020 Remove BSSAP-LE segmentation for RRLP (R98)	Ericsson	Withdrawn
GP-011138	CR 09.31-A021 Remove BSSAP-LE segmentation for RRLP (R99)	Ericsson	Withdrawn

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GP-011304	CR 09.31-A022 LCS Position Procedure Change (R98)	Motorola	Revised
GP-011358	CR 09.31-A022 rev 1 LCS Position Procedure Change (R98)	Motorola	Withdrawn
GP-011305	CR 09.31-A023 LCS Position Procedure Change (R99)	Motorola	Revised
GP-011359	CR 09.31-A023 rev 1 LCS Position Procedure Change (R99)	Motorola	Withdrawn
GP-011152	CR 11.10-3-C483 Alignment of TC_20_5 with 51.010-1 section 20.5 (R95)	TSG GERAN WG4	Approved
GP-011063	CR 23.060-xxx Introduction of NACC for Inter BSC Cell Change (Rel 5)	Ericsson	NA
GP-011077	CR 24.007-xxx Clarification of the transfer execution of the sequenced message transfer operation (R99)	Ericsson	NA
GP-011078	CR 24.007-xxx Clarification of the transfer execution of the sequenced message transfer operation (Rel 4)	Ericsson	NA
GP-011081	CR 24.008-xxx Clarification of 8-PSK power class coding (R99)	Ericsson	NA
GP-011317	CR 24.008-xxx Clarification of 8-PSK power class coding (R99)	Ericsson	NA
GP-011082	CR 24.008-xxx Clarification of 8-PSK power class coding (Rel 4)	Ericsson	NA
GP-011189	CR 24.008-xxx Definition of new DTM multislot classes (Rel 4)	Vodafone	NA
GP-011312	CR 24.008-xxx Definition of new DTM multislot classes (Rel 4)	Vodafone	NA
GP-011426	CR 24.008-xxx Definition of new DTM multislot classes (Rel 4)	Vodafone	NA
GP-011037	CR 43.022-003 Remaining errors from the split (Rel 4)	Ericsson	Revised
GP-011329	CR 43.022-003 rev 1 Remaining errors from the split (Rel 4)	Ericsson	Approved
GP-011039	CR 43.022-004 Clarifications due to equivalent PLMN. (Rel 4)	Ericsson	Revised
GP-011322	CR 43.022-004 rev 1 Clarifications due to equivalent PLMN. (Rel 4)	Ericsson	Approved
GP-011021	CR 43.051-020 lur-g	GERAN AdHoc #5	Approved
GP-011022	CR 43.051-021 Definition of Signalling Radio Bearers	GERAN AdHoc #5	Revised
GP-011411	CR 43.051-021 rev 1 Definition of Signalling Radio Bearers	GERAN AdHoc #5	Approved
GP-011023	CR 43.051-022 On security issues	GERAN AdHoc #5	Revised
GP-011282	CR 43.051-022 rev 1 On security issues	TSG GERAN	Approved
GP-011024	CR 43.051-023 Cipherring of signaling radio bearers	GERAN AdHoc #5	Approved
GP-011025	CR 43.051-024 Introduction of Enhanced Power Control	GERAN AdHoc #5	Revised

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GP-011363	CR 43.051-024 rev 1 Introduction of Enhanced Power Control	TSG GERAN WG1	Approved
GP-011026	CR 43.051-025 Editorial Changes Related to Fast Power Control for ECSD and other minor clean-ups	GERAN AdHoc #5	Approved
GP-011027	CR 43.051-026 Working assumption on mode selection	GERAN AdHoc #5	Revised
GP-011277	CR 43.051-026 rev 1 Working assumption on mode selection	GERAN AdHoc #5	Revised
GP-011373	CR 43.051-026 rev 2 Working assumption on mode selection	GERAN AdHoc #5	Approved
GP-011174	CR 43.051-027 Introduction of area concept in GERAN (Rel 5)	Ericsson	Revised
GP-011345	CR 43.051-027 rev 1 Introduction of area concept in GERAN (Rel 5)	Ericsson	Approved
GP-011185	CR 43.051-028 Changes of references to GERAN Release 4 and editorial changes (Rel 5)	Nortel Networks	Revised
GP-011366	CR 43.051-028 rev 1 Changes of references to GERAN Release 4 and editorial changes (Rel 5)	Nortel Networks	Approved
GP-011215	CR 43.051-029 Correction to ciphering parameters	Nokia	Withdrawn
GP-011188	CR 43.055-001 Definition of new DTM multislot classes (Rel 4)	Vodafone	Revised
GP-011311	CR 43.055-001 rev 1 Definition of new DTM multislot classes (Rel 4)	Vodafone	Approved
GP-010988	CR 43.059-001 LCS error handling (Inter-BSC Handover) (Rel 4)	Ericsson	Approved
GP-011092	CR 43.059-002 Introduction of LCS for GPRS to Release 5 (Rel 5)	Vodafone, Ericsson	Revised
GP-011336	CR 43.059-002 rev 1 Introduction of LCS for GPRS to Release 5 (Rel 5)	Vodafone, Ericsson	Postponed
GP-011127	CR 43.059-003 Remove RR/BSSAP-LE segmentation and RR preemption (Rel 4)	Ericsson	Withdrawn
GP-011144	CR 43.059-004 Correction of Positioning Procedure Descriptions (Rel 4)	Motorola	Revised
GP-011343	CR 43.059-004 rev 1 Correction of Positioning Procedure Descriptions (Rel 4)	Motorola	Revised
GP-011402	CR 43.059-004 rev 2 Correction of Positioning Procedure Descriptions (Rel 4)	Motorola	Postponed
GP-011191	CR 43.059-005 Correction of inconsistent text (Rel 4)	Motorola	Withdrawn
GP-011258	CR 43.059-006 Stage 2 Updates for lu mode LCS (Rel 5)	Nokia	Postponed
GP-011308	CR 43.059-007 Geographic Shape Restriction	Ericsson	Approved

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GP-011211	CR 44.004-001 Corrections to 44.004 (Rel 5)	Siemens	Revised
GP-011392	CR 44.004-001 rev 1 Corrections to 44.004 (Rel 5)	Siemens	Postponed
GP-011130	CR 44.006-001 Remove preemption (Rel 4)	Ericsson	Withdrawn
GP-011115	CR 44.014-001 EGPRS Test Mode (Rel 4)	Motorola	Revised
GP-011319	CR 44.014-001 rev 1 EGPRS Test Mode (Rel 4)	Motorola	Revised
GP-011435	CR 44.014-001 rev 2 EGPRS Test Mode (Rel 4)	Motorola	Approved
GP-010987	CR 44.018-025 rev 2 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (Rel 4)	Ericsson	Approved
GP-010990	CR 44.018-040 Invalid BSICs: terminology alignment (Rel 4)	Vodafone	Approved
GP-010991	CR 44.018-041 Invalid BSICs: terminology alignment (Rel 5)	Vodafone	Approved
GP-011013	CR 44.018-042 Introduction of the GSM to CDMA2000 handover procedure (Rel 4)	Vodafone, Qualcomm	Revised
GP-011380	CR 44.018-042 rev 1 Introduction of the GSM to CDMA2000 handover procedure (Rel 4)	Vodafone, Qualcomm	Revised
GP-011440	CR 44.018-042 rev 2 Introduction of the GSM to CDMA2000 handover procedure (Rel 4)	Vodafone, Qualcomm	Approved
GP-011014	CR 44.018-043 Introduction of the GSM to CDMA2000 handover procedure (Rel 5)	Vodafone, Qualcomm	Revised
GP-011381	CR 44.018-043 rev 1 Introduction of the GSM to CDMA2000 handover procedure (Rel 5)	Vodafone, Qualcomm	Revised
GP-011443	CR 44.018-043 rev 2 Introduction of the GSM to CDMA2000 handover procedure (Rel 5)	Vodafone, Qualcomm	Approved
GP-011055	CR 44.018-044 Clarification of "inconsistent" MultiRate configuration IE (Rel 5)	Nokia	Revised
GP-011388	CR 44.018-044 rev 1 Clarification of "inconsistent" MultiRate configuration IE (Rel 5)	Nokia	Postponed
GP-011056	CR 44.018-045 Clarification related to the applicability of the Starting time IE in the other systems to GSM handover (Rel 5)	Nokia	Withdrawn
GP-011075	CR 44.018-046 Transfer of the N(SD) duplication avoidance protocol from GSM 04.18 (Rel 4)	Ericsson	Approved
GP-011076	CR 44.018-047 Transfer of the N(SD) duplication avoidance protocol from GSM 04.18 (Rel 5)	Ericsson	Approved
GP-011133	CR 44.018-048 Remove preemption and RR segmentation (Rel 4)	Ericsson	Withdrawn

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GP-011109	CR 44.018-049 CSN.1 Coding changes to RTD struct (Rel 4)	Siemens	Revised
GP-011337	CR 44.018-049 rev 1 CSN.1 Coding changes to RTD struct (Rel 4)	Siemens	Approved
GP-011110	CR 44.018-050 CSN.1 Coding changes to RTD struct (Rel 5)	Siemens	Revised
GP-011338	CR 44.018-050 rev 1 CSN.1 Coding changes to RTD struct (Rel 5)	Siemens	Approved
GP-011064	CR 44.018-051 Dynamic ARFCN mapping with equivalent PLMN (Rel 4)	Ericsson	Revised
GP-011382	CR 44.018-051 rev 1 Dynamic ARFCN mapping with equivalent PLMN (Rel 4)	Ericsson	Approved
GP-011065	CR 44.018-052 Dynamic ARFCN mapping with equivalent PLMN (Rel 5)	Ericsson	Revised
GP-011383	CR 44.018-052 rev 1 Dynamic ARFCN mapping with equivalent PLMN (Rel 5)	Ericsson	Approved
GP-011068	CR 44.018-053 Clarification of predefined configuration status report (Rel 4)	Ericsson	Revised
GP-011272	CR 44.018-053 rev 1 Clarification of predefined configuration status report (Rel 4)	Ericsson	Revised
GP-011375	CR 44.018-053 rev 2 Clarification of predefined configuration status report (Rel 4)	Ericsson	Revised
GP-011422	CR 44.018-053 rev 3 Clarification of predefined configuration status report (Rel 4)	Ericsson	Approved
GP-011069	CR 44.018-054 Clarification of predefined configuration status report (Rel 5)	Ericsson	Revised
GP-011273	CR 44.018-054 rev 1 Clarification of predefined configuration status report (Rel 5)	Ericsson	Revised
GP-011376	CR 44.018-054 rev 2 Clarification of predefined configuration status report (Rel 5)	Ericsson	Revised
GP-011423	CR 44.018-054 rev 3 Clarification of predefined configuration status report (Rel 5)	Ericsson	Approved
GP-011157	CR 44.018-055 Remove preemption and RR segmentation (Rel 5)	Ericsson	Withdrawn
GP-011253	CR 44.018-056 Correction to polling in single block downlink assignment on CCCH (Rel 4)	Nokia	Revised
GP-011290	CR 44.018-056 rev 1 Correction to polling in single block downlink assignment on CCCH (Rel 4)	Nokia	Withdrawn

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GP-011254	CR 44.018-057 Correction to polling in single block downlink assignment on CCCH (Rel 4)	Nokia	Revised
GP-011291	CR 44.018-057 rev 1 Correction to polling in single block downlink assignment on CCCH (Rel 5)	Nokia	Withdrawn
GP-011266	CR 44.018-058 Correction of transparent information in Classmark Change (Rel 4)	Ericsson	Revised
GP-011315	CR 44.018-058 rev 1 Correction of transparent information in Classmark Change (Rel 4)	Ericsson	Withdrawn
GP-011267	CR 44.018-059 Correction of transparent information in Classmark Change (Rel 5)	Ericsson	Revised
GP-011316	CR 44.018-059 rev 1 Correction of transparent information in Classmark Change (Rel 5)	Ericsson	Withdrawn
GP-011390	CR 44.018-060 Handling of starting time in the case of intersystem handover to GSM and in the case of blind handover (Rel-4)	Nokia	Revised
GP-011444	CR 44.018-060 rev 1 Handling of starting time in the case of intersystem handover to GSM and in the case of blind handover (Rel-4)	Nokia	Approved
GP-011391	CR 44.018-061 Handling of starting time in the case of intersystem handover to GSM and in the case of blind handover (Rel-5)	Nokia	Approved
GP-011399	CR 44.018-062 Correction in RR Sub-layer Due to Uplink Removal of Pre-emption (Rel 5)	Ericsson	Approved
GP-011054	CR 44.031-001 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Revised
GP-011370	CR 44.031-001 rev 1 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Revised
GP-011405	CR 44.031-001 rev 2 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Revised
GP-011433	CR 44.031-001 rev 3 Addition of two fields for E-OTD method & corrections (Rel 4)	Nokia	Approved
GP-011085	CR 44.031-002 RRLP message size limit (Rel 4)	Ericsson	Withdrawn
GP-011091	CR 44.031-003 Expected OTD (Rel 4)	Vodafone, Ericsson	Withdrawn
GP-011120	CR 44.031-004 Corrections to number of neighbour cells allowed in RRLP specification (Rel 4)	Mitsubishi	Revised
GP-011350	CR 44.031-004 rev 1 Corrections to number of neighbour cells allowed in RRLP specification (Rel 4)	Mitsubishi	Revised

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GP-011407	CR 44.031-004 rev 2 Corrections to number of neighbour cells allowed in RRLP specification (Rel 4)	Mitsubishi	Revised
GP-011429	CR 44.031-004 rev 3 Corrections to number of neighbour cells allowed in RRLP specification (Rel 4)	Mitsubishi	Approved
GP-011122	CR 44.031-005 OTD measurements referenced to a frame (Rel 4)	Mitsubishi	Revised
GP-011354	CR 44.031-005 rev 1 OTD measurements referenced to a frame (Rel 4)	Mitsubishi	Postponed
GP-011246	CR 44.031-006 Stage 3 LCS Position Procedure Changes (Rel 4)	Qualcomm	Withdrawn
GP-011303	CR 44.031-007 LCS Position Procedure Change (Rel-4)	Motorola	Revised
GP-011357	CR 44.031-007 rev 1 LCS Position Procedure Change (Rel-4)	Motorola	Withdrawn
GP-011232	CR 44.060-018 New MS behaviour in case of un-successful cell re-selection (Rel 4)	Alcatel	Rejected
GP-010993	CR 44.060-034 Invalid BSICs: terminology alignment (Rel 4)	Vodafone, Ericsson	Approved
GP-011011	CR 44.060-035 Correction of Serving Cell information in the Packet Enhanced Measurement Report message (Rel 4)	Vodafone, Ericsson	Approved
GP-010995	CR 44.060-036 TFI in the RLC header (Rel-4)	Ericsson	Rejected
GP-010997	CR 44.060-037 Close-ended TBF (Rel-4)	Ericsson	Rejected
GP-011035	CR 44.060-038 Countdown procedure (Rel 4)	Ericsson	Withdrawn
GP-011050	CR 44.060-039 Clarification and Correction of Ack/Nack Description in EGPRS (Rel 4)	Lucent, Ericsson	Revised
GP-011307	CR 44.060-039 rev 1 Clarification and Correction of Ack/Nack Description in EGPRS (Rel 4)	Lucent, Ericsson	Approved
GP-011052	CR 44.060-040 Correction of RLC receive state array and variables (Rel 4)	Ericsson, Lucent	Revised
GP-011286	CR 44.060-040 rev 1 Correction of RLC receive state array and variables (Rel 4)	Ericsson, Lucent	Approved
GP-011072	CR 44.060-041 RLC countdown procedure during extended uplink TBF (Rel 4)	Ericsson	Revised
GP-011341	CR 44.060-041 rev 1 RLC countdown procedure during extended uplink TBF (Rel 4)	Ericsson	Revised
GP-011445	CR 44.060-041 rev 2 RLC countdown procedure during extended uplink TBF (Rel 4)	Ericsson	Approved



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GP-011073	CR 44.060-042 Inclusion of the TBF_EST option for extended uplink TBF (Rel 4)	Ericsson	Withdrawn
GP-011080	CR 44.060-043 Correction of EGPRS block sequence numbering (Rel 4)	Ericsson	Approved
GP-011156	CR 44.060-044 Clarification to LCC PDU Length Indicator (Rel 4)	Lucent	Revised
GP-011288	CR 44.060-044 rev 1 Clarification to LCC PDU Length Indicator (Rel 4)	Lucent	Postponed
GP-011105	CR 44.060-045 Section 7 update (Rel 5)	Siemens	Postponed
GP-011112	CR 44.060-046 CSN.1 Coding changes to RTD struct (Rel 4)	Siemens	Revised
GP-011339	CR 44.060-046 rev 1 CSN.1 Coding changes to RTD struct (Rel 4)	Siemens	Approved
GP-011066	CR 44.060-047 Maximum number of DYNAMIC_ARFCN_MAPPING structures. (Rel 4)	Ericsson	Approved
GP-011190	CR 44.060-048 Definition of new DTM multislot classes (Rel 4)	Vodafone	Revised
GP-011313	CR 44.060-048 rev 1 Definition of new DTM multislot classes (Rel 4)	Vodafone	Approved
GP-011204	CR 44.060-049 Corrections to the extended uplink TBF mode (Rel 4)	Nokia	Revised
GP-011342	CR 44.060-049 rev 1 Corrections to the extended uplink TBF mode (Rel 4)	Nokia	Approved
GP-011239	CR 44.060-050 Packet Measurement Order and Report based on UTRAN FDD central frequency (Rel 4)	Alcatel	Withdrawn
GP-011346	CR 44.060-051 Removal of MS-EXT_UTBF parameter	Ericsson	Revised
GP-011446	CR 44.060-051 rev 1 Removal of MS-EXT_UTBF parameter (Rel 4)	Ericsson	Approved
GP-011006	CR 44.071-001 Modifications of quality information (Rel 4)	Nokia	Approved
GP-011104	CR 44.071-002 Removal of ASN.1 encoding due to removal of TOA	Motorola	Approved
GP-011101	CR 44.071-003 correct ASN.1 references (Rel 4)	Siemens	Revised
GP-011398	CR 44.071-003 rev 1 Correct ASN.1 references (Rel 4)	Siemens	Approved
GP-011220	CR 45.002-16 Clarification of TSC to use for PTCCH/D (Rel 4)	Nortel Networks	Rejected
GP-011221	CR 45.002-17 Clarification of TSC to use for PTCCH/D (Rel 5)	Nortel Networks	Rejected

Tdoc	Title	Source	Status
GP-011192	CR 45.003-003 Channel coding AMR Narrowband codec on O-TCH/H (Rel 5)	Motorola	Withdrawn
GP-011230	CR 45.003-004 Introduction of EPC and SACCH/TP (Rel.5)	Nokia	Revised
GP-011412	CR 45.003-004 rev 1 Introduction of EPC and SACCH/TP (Rel.5)	TSG GERAN WG1	Approved
GP-011264	CR 45.003-005 Channel coding of AMR-NB codec on O-TCH/H (Rel 5)	Ericsson, Nokia	Approved
GP-011210	CR 45.004-001 Correction of Timing Alignment for GMSK and 8-PSK Signals (Rel 4)	Siemens	Approved
GP-011071	CR 45.005-021 Corrections for clarification regarding output power and blocking requirements (Rel 4)	Ericsson	Approved
GP-011259	CR 45.005-022 Introduction of requirements for Wideband AMR FR GMSK modulated speech channels (Rel 5)	Ericsson, Lucent Technologies, Nokia & Nortel Networks	Approved
GP-011041	CR 45.008-035 Clarifications due to equivalent PLMN. (Rel 4)	Ericsson	Revised
GP-011325	CR 45.008-035 rev 1 Clarifications due to equivalent PLMN. (Rel 4)	Ericsson	Revised
GP-011416	CR 45.008-035 rev 2 Clarifications due to equivalent PLMN. (Rel 4)	Ericsson	Approved
GP-011042	CR 45.008-036 Clarifications due to equivalent PLMN. (Rel 5)	Ericsson	Revised
GP-011326	CR 45.008-036 rev 1 Clarifications due to equivalent PLMN. (Rel 5)	Ericsson	Revised
GP-011417	CR 45.008-036 rev 2 Clarifications due to equivalent PLMN. (Rel 5)	Ericsson	Approved
GP-011044	CR 45.008-037 Missing default values for measurement parameters (Rel 4)	Ericsson	Approved
GP-011045	CR 45.008-038 Missing default values for measurement parameters (Rel 5)	Ericsson	Approved
GP-011047	CR 45.008-039 Invalid BSIC: Terminology alignment (Rel 4)	Ericsson, Vodafone	Approved
GP-011048	CR 45.008-040 Invalid BSIC: Terminology alignment (Rel 5)	Ericsson, Vodafone	Approved
GP-011241	CR 45.008-041 Measurement reporting based on UTRAN FDD central frequency (Rel 4)	Alcatel	Withdrawn
GP-011242	CR 45.008-042 Measurement reporting based on UTRAN FDD central frequency (Rel 5)	Alcatel	Withdrawn
GP-011160	CR 48.002-001 Addition of the CTM (Cellular Text Telephone Modem) function (Rel 5)	Nokia	Approved

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GP-011136	CR 48.008-014 Remove BSSAP segmentation for RRLP (Rel 4)	Ericsson	Withdrawn
GP-011161	CR 48.008-015 Addition of CTM (Cellular Text Telephone Modem) indication (Rel 5)	Nokia	Revised
GP-011348	CR 48.008-015 rev 1 Addition of CTM (Cellular Text Telephone Modem) indication (Rel 5)	Nokia	Approved
GP-011180	CR 48.008-016 Partial Roaming - Relocation Failure Cause Hutchison 3G (Rel 4)	Hutchison 3G	Withdrawn
GP-011158	CR 48.008-017 Remove BSSAP segmentation for RRLP (Rel 5)	Ericsson	Withdrawn
GP-011378	CR 48.008-018 Layer 3 information - RRC container (Rel-4)	Ericsson	Withdrawn
GP-011236	CR 48.018-025 rev 1 Clarification on the PDU lifetime IE (Rel 4)	Alcatel, Lucent, France Telecom	Postponed
GP-011107	CR 48.018-032 Rate of transmission of flow control packets on Gb interface (Rel 4)	Siemens	Revised
GP-011295	CR 48.018-032 rev 1 Rate of transmission of flow control packets on Gb interface (Rel 4)	Siemens	Approved
GP-011186	CR 48.018-033 Bucket indicator, bucket filled ratio (Rel 5)	Ericsson	Withdrawn
GP-011184	CR 48.018-034 BVC unblocking and BVC reset procedures interleaving (Rel 4)	Nortel Networks	Rejected
GP-011299	CR 48.018-035 Bucket indicator, bucket filled ratio (Rel 4)	Ericsson	Approved
GP-011297	CR 48.018-036 BVC unblocking and BVC reset procedures interleaving (Rel-5)	Nortel Networks	Revised
GP-011427	CR 48.018-036 rev 1 BVC unblocking and BVC reset procedures interleaving (Rel-5)	Nortel Networks	Approved
GP-011000	CR 48.031-001 PDU ASN.1 corrections for PDU type information is missing (Rel 4)	Nokia	Revised
GP-011400	CR 48.031-001 rev 1 PDU ASN.1 corrections for PDU type information is missing (Rel 4)	Nokia	Approved
GP-011003	CR 48.031-002 To align modifications of quality information based on CR to 44.071 (Rel 4)	Nokia	Approved
GP-011097	CR 48.031-003 ASN.1 Coding Modifications (Rel 4)	Siemens	Approved
GP-011098	CR 48.031-004 ASN.1 references (Rel 4)	Siemens	Revised
GP-011393	CR 48.031-004 rev 1 ASN.1 References update (Rel 4)	Siemens	Approved
GP-011243	CR 48.058-001 Introduction of AMR-WB (Rel 5) - <i>Bad file replaced by GP-011276</i>	Alcatel	NA

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GP-011276	CR 48.058-001 Introduction of AMR-WB (Rel 5)	Alcatel	Revised
GP-011449	CR 48.058-001 rev 1 Introduction of AMR-WB (Rel 5)	Alcatel	Approved
GP-011088	CR 48.071-001 Segmentation error cause (Rel 4)	Ericsson	Withdrawn
GP-011139	CR 49.031-001 Remove BSSAP-LE segmentation for RRLP (Rel 4)	Ericsson	Withdrawn
GP-011306	CR 49.031-002 LCS Position Procedure Change (Rel-4)	Motorola	Revised
GP-011360	CR 49.031-002 rev 1 LCS Position Procedure Change (Rel-4)	Motorola	Withdrawn
GP-011147	CR 51.010-1-199 Clause 42.2.4.4 - PACKET ACCESS REJECT without wait indication (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-200 Wrong default values for GAMMA and starting time parameters in Testcase 41.1.5.1.1 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-201 Not all allowed Random References should be used by the MS concerning Testcase 41.2.2.3 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-202 Clause 43 RLC Test Cases (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-203 Clause 44.2.1.2.3 - Combined GPRS attach / GPRS attach while IMSI attach (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-204 Clause 44.2.1.2.5 - Combined GPRS attach / rejected / GPRS services and non-GPRS services not allowed (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-205 Clause 44.2.3.2.6 - Combined routing area updating / abnormal cases / access barred due to access class control (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-206 Clauses 44.2.1.2.4, 44.2.1.2.8, 44.2.1.2.9 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-207 Clause 44.2.1.2.6 - Combined GPRS attach / rejected / GPRS services not allowed (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-208 Clauses 44.2.2 and 44.2.3 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-209 Clause 44.2.1.2.7 - Combined GPRS attach / rejected / location area not allowed (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-210 44.2.1.1.2 GPRS attach / rejected / IMSI invalid / illegal MS (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-211 44.2.1.1.5 GPRS attach / rejected / roaming not allowed in this location area (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-212 44.2.1.2.4 Combined GPRS attach / rejected / IMSI invalid / illegal ME (Rel 4)	TSG GERAN WG4	Approved

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GP-011147	CR 51.010-1-213 Corrections To The Test Method Of 41.1.2 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-214 41.3.4 - Repetition Requirements and step numbering (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-215 42.1.1.4.3 Packet Channel Request / Access persistence control on PRACH / Successive Attempts (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-216 Corrections and clarification of the GPRS defaults section 40 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-217 44.2.4 - Omission. Of requirement to power down MS for 10 seconds (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-218 42.1.2.1.5 - Switching off / powering down the MS (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-219 Extended the use of the "Location Update" Macro defined in section 40 for the GMM test cases (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-220 44.2.2.2.2 Location Update Following Change of LAI (PLMN) in MS Mode B Test (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-221 44.2.3.3.3 Periodic routing area updating / no cell available / Network mode I (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-222 Wrong precision in step 4 of TC 42.1.2.1.1.1 (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-223 Clause 40.5 – Test PDP contexts (Rel 4)	TSG GERAN WG4	Approved
GP-011147	CR 51.010-1-224 Clause 42.1.2.1.10.2 Packet Uplink Assignment / Abnormal cases / Expiry of timer T3164 (Rel 4)	TSG GERAN WG4	Approved
GP-011148	CR 51.010-1-225 Blocking and spurious response (Rel 4)	TSG GERAN WG4	Approved
GP-011148	CR 51.010-1-226 Clarification of Origin Offset Suppression requirements (Rel 4)	TSG GERAN WG4	Approved
GP-011148	CR 51.010-1-227 EGPRS Test Cases for RR procedures on CCCH related to temporary block flow establishment (Rel 4)	TSG GERAN WG4	Approved
GP-011148	CR 51.010-1-228 EGPRS Test Cases for Downlink Transfer/Reestablishment (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-229 GPRS Cell Selection Test Case 20.22.3 Priority of cells (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-230 20.22.2-5 Cell Reselection for GPRS - Editorial Corrections (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-231 20.22.9 Cell Reselection for GPRS - Clarification of Test Procedure (Rel 4)	TSG GERAN WG4	Approved

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GP-011149	CR 51.010-1-232 20.14 Emergency Calls - Removal of continuous paging (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-233 Alignment of 51.010-1 test cases 13.5 and 13.17.5 (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-234 Alignment of 51.010-1 test case 14.8.1 and 14.8.2 (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-235 GPRS Cell Selection / Reselection (Rel 4)	TSG GERAN WG4	Approved
GP-011149	CR 51.010-1-236 Harmonisation of conformance tests related to terminal acoustics in GSM and 3G (Rel 4)	TSG GERAN WG4	Rejected
GP-011150	CR 51.010-1-237 Modifications to Expected Sequences of test cases 31.9.1.1 and 31.9.1.2 (Rel 4)	TSG GERAN WG4	Approved
GP-011150	CR 51.010-1-238 Clauses 31.2.1.1.1 and 31.2.1.2.2 and 31.11 – Modifications to Specific Message Contents (Rel 4)	TSG GERAN WG4	Approved
GP-011150	CR 51.010-1-239 Alignment of TS51.010-1 section 31.8.4.1 and 31.11 (Rel 4)	TSG GERAN WG4	Approved
GP-011151	CR 51.010-2-001 Update to applicability table in 51.010-2 due to TDoc G4-010225 (Rel 4)	TSG GERAN WG4	Approved
GP-011151	CR 51.010-2-002 Addition of EDGE test cases to the applicability table (Rel 4)	TSG GERAN WG4	Approved
GP-011151	CR 51.010-2-003 Harmonisation of conformance tests related to terminal acoustics in GSM and 3G (Rel 4)	TSG GERAN WG4	Rejected
GP-011151	CR 51.010-2-004 Deletion of Test cases 13.5 and 13.17.5 from the Applicability Table (Rel 4)	TSG GERAN WG4	Approved
GP-011151	CR 51.010-2-005 Update of the Applicability Table with test cases for GPRS Cell Selection/Reselection 20.22 (Rel 4)	TSG GERAN WG4	Approved
GP-011151	CR 51.010-2-006 Recommendation for updating the PICS specification 3GPP TS 51.010-2 according to changes in 3GPP TS 51.010-1 or 3GPP TS 11.10-4 (Rel 4)	TSG GERAN WG4	Approved
GP-011153	CR 51.010-3-002 Creation of merged 51.010-3 including all the available ATS from Ph2 to Rel4 (Rel 4)	TSG GERAN WG4	Approved