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TSG GERAN

TSG SA#13

TSG GERAN Report to TSG- SA#13

**TSG-GERAN Chairman
Niels Peter Skov Andersen
Motorola**



Tdoc SP-010554



TSG GERAN work area (1/2)



**TSG GERAN
TSG SA#13**

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**

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TSG GERAN work area (2/2)



- **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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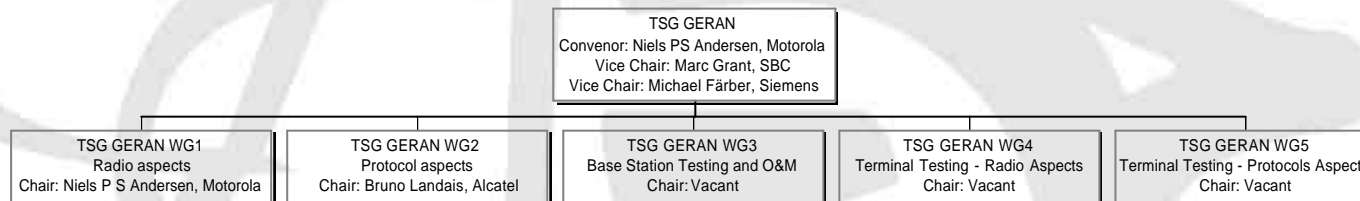
Organisation of TSG GERAN (1/4)



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Organisation of TSG GERAN ***(2/4)***



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 ***(3/4)***



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**

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Organisation of TSG GERAN **(4/4)**



TSG GERAN WG4 – Terminal Testing – Radio Aspects

Chairman: Vacant

- **Conformance test specifications for testing of Lower layers including RLC/MAC**

TSG GERAN WG5 – Terminal Testing – Protocol Aspects

Chairman: Vacant

- **Conformance test specifications for testing Protocol aspects above the RLC/MAC**

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GPRS



- **Discussions of making the support of the PBCCH optional for the terminal have taken place. TSG GERAN made the following conclusion:**
 - **No change to R97**
 - **Definition of recommended set of GPRS PCCCH/PBCCH features based on test capabilities and operator priorities**
 - **IoT program that will first verify the recommended set, with the intention to verify the full PCCCH/PBCCH functionality, latest by the R99 implementation**

GPRS/EDGE



- **Few BSSGP / NS corrections :**
 - Packet Flow Context management (R99)
 - inter-NSE rerouting of DL LLC PDUs (Rel 4)
 - Gb over IP (Rel 4)
 - NS-VC test procedure (Rel 5)
 - SGSN behaviour upon rerouting of DL LLC PDU (Rel 5)
- **Few corrections on the radio interface :**
 - coding of EGPRS data block (R99)

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Release 5 A/Gb mode



- **Inter-BSC/RNC NACC feature :**
 - TR postponed to GERAN WG2 6bis
 - one single cell per container, routing in the CN based on RAI and cell id
 - use of the procedure to be generalised
 - WI for Gb mode approved
 - Extensions proposed (cell load, Qos) not incorporated in the WI

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Progress on support of lu



Stage 2, RRC :

- **paging concept : good progress, nearly stable**
- **BCCH capacity offers very limited room for R5 parameters broadcast ; more capacity on PBCCH**
- **cell identity in R5 : one or two cell identities**
- **service mode support and system information**
- **SRB**

Progress on support of lu



RLC / MAC :

- **Delayed DL TBF release for lu mode : agreed**
- **On-going work on Multiple TBFs per MS (messages impacts, scheduling of radio resources by the MS)**
- **ARI access : complete concept paper needed before**

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LCS



- **Few corrections agreed on R98 / R99 / Rel 4**
- **Release 5 :**
- **WI LCS in GPRS for Gb and Iu mode reviewed**
- **CR to include expected Release 5 functionality in 3GPP TS 43.059 agreed**
- **CRs for LCS in GPRS (Gb mode) approved**

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Frequency bands

3G–2G Interworking



- Information received from ETSI EP TETRA regarding TETRA potentially being used in the 900 MHz band caused concern
- TSG GERAN has been informed that ETSI EP TETRA reuse the GPRS specification for the TETRA packet services
- 3G – 2G interworking is considered stable.

TM

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Testing



TSG GERAN have decided to split the GERAN terminal testing work into two groups

- **TSG GERAN WG4: Terminal Testing – Radio Aspects Responsible for Conformance test specifications for testing of Lower layers including RLC/MAC**
- **TSG GERAN WG5: Terminal Testing – Protocol Aspects Conformance test specifications for testing Protocol aspects above the RLC/MAC**

Testing



- **In order to improve the information flow between the experts working on the the core specification and the experts working on the test specification experts it has been decided to hold WG4/WG5 in parallel with the other WG during the plenary week**
- **TSG GERAN is still seeking support for TSG GERAN WG4/WG5 to draft test cases for the new(er) functionalities.**

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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 still felt unclear**
 - **GERAN still believes that for the A-interface the correct solution would be to use bearer capability for set-up of WB-AMR calls as for other voice calls. TSG CN has been informed**
- **New principle for specification of performance for CS voice bearers based on required level to obtain fixed FER**
- **It has been decided to support AMR and EFR codecs when Iu interface is introduced**

GERAN Release 5 (2/3)



- **Technical Report on support of optimised voice being drafted**
- **Integrated VoIP application not requiring header regeneration assumed for Optimised Voice**
- **Requirements for Optimised Voice not fully clear**
- **Call set-up and in call signalling is within the bandwidth of the actual call bandwidth has been assumed**

GERAN Release 5 (3/3)



- **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**
- **Work plan TSG GERAN updated (see attachment)**

Lists of CR status at TSG-GERAN #06 is attached

Specification and version numbering



- 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
 $05.08 \Rightarrow 45.008$

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Future TSG GERAN Plenary meetings



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, ??

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Source: TSG GERAN

GERAN time plan

On the next 3GPP SA plenary, 24-28th of September 2001 in Beijing, China a decision on the content of release 5 will be taken. In order to give SA a good basis for decision it is planned to update the work plan for TSG GERAN according to the latest state.

Closed work item

The following work items have been closed, since they were complete and have been removed from the work plan.

Feature or building block	WI Tdoc
Low chiprate TDD interworking with GERAN	GP-000432
GERAN improvements 1 (Feature)	GP-000433
Gb over IP (Building block)	GP-000434
GERAN improvements 2 (Intra NACC Feature)	GP-000435
Gb enhancements (Intra NACC Building block)	GP-000436
GERAN Improvements 4 (Delayed TBF)	GP-010363
Gb enhancements 2 (Delayed TBF)	GP-010363
	GP-010932

Updated work plan

Feature	Building block	Work task	Date of completion	Impacted parties	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"> • Identification of alternative transports • Specification of those alternative transports 	Mar 2002?	RAN 3	Ongoing
GERAN/UTRAN interface evolution 1 GP-000481	Evolution of lu ps	<ul style="list-style-type: none"> • Identification of GERAN requirements on lu ps • Update of specifications 	Nov 2001 Mar 2002	GERAN, RAN 3	Ongoing
GERAN/UTRAN interface evolution 2 GP-010417	Evolution of lu cs GP-000430	<ul style="list-style-type: none"> • Identification of GERAN requirements on lu cs • Update of specifications 	Nov 2001 Mar 2002	GERAN, RAN 3	Ongoing
GERAN improvements 3 GP-010418	Evolution of the transport for A GP-010910	<ul style="list-style-type: none"> • Definition of a new A/Ater Interface Transport Layer option based on the lu Interface Transport Layer • Adaptation of the Layer 3 BSSMAP procedures as required. 	Mar 2002	GERAN	Ongoing

GERAN Inter BSC NACC improvements over the Gb Interface	Modification of core network protocols for GERAN Inter BSC NACC over Gb Interface	<p>Stage 2</p> <ul style="list-style-type: none"> • Concept • 23.060 change - Definition of Inter BSC NACC <p>Stage 3 (changes to)</p> <ul style="list-style-type: none"> • 29.060 	<p>Oct 2001 Dec 2001 (TSG SA2)</p> <p>Feb 2002 (TSG CN4)</p>	SA2, CN4	Ongoing
	Modification of Gb protocols for GERAN Inter BSC NACC over Gb Interface	<p>Stage 3 (changes to)</p> <ul style="list-style-type: none"> • 48.018 	Feb 2002 (TSG GERAN #8)	GERAN	Ongoing
GERAN support for IP multimedia GP-010420	GERAN Header adaptation GP-010421	<p>Header adaptation:</p> <ul style="list-style-type: none"> • Definition of compression and removal modes for PDCP protocol • Conceptual description in stage 2 • Necessary changes on stage 3 regarding header removal 	<p>Sept 2000</p> <p>Feb 2002 Mar 2002</p>	GERAN, SA2, RAN	Ongoing
	GERAN Radio access bearer design for IP multimedia GP-010422	<p>MuM control signalling for conversational multimedia services.</p> <ul style="list-style-type: none"> • Identification of requirements • Necessary modifications due to SIP 	<p>Nov 2001 Jun 2002</p>	GERAN, SA2, RAN	Ongoing
	GERAN MS Conformance test for support of IP multimedia GP-010424	<ul style="list-style-type: none"> • MS test 	Dec 2002		Not started
	GERAN BTS Conformance test for support of IP multimedia GP-010425	<ul style="list-style-type: none"> • BTS test 	Dec 2002		Not started
Alignment of 3G functional split and lu GP-010426	GERAN user / control plane GP-011971	Alignment with UMTS bearer concept			Ongoing
		<ul style="list-style-type: none"> • Enhanced power control 	Aug 2001		
		<ul style="list-style-type: none"> • Stage 2 	Jun 2001	GERAN	
		<ul style="list-style-type: none"> • Adoption of the UTRAN PDCP 	Dec 2001	RAN 2	
		<ul style="list-style-type: none"> • Development of RLC / MAC 	Apr 2002	GERAN WG2	
		<ul style="list-style-type: none"> • Development of GERAN RRC 	Jun 2002	GERAN WG2	
		<ul style="list-style-type: none"> • Cipherring and integrity protection concept paper 	Oct 2001	GERAN WG2	
		<ul style="list-style-type: none"> • Multiple TBF or equivalent Concept paper 	Oct 2001	GERAN WG2	
<ul style="list-style-type: none"> • Paging concept 	Oct 2001	GERAN WG2			
<ul style="list-style-type: none"> • Dedicated physical subchannels. Includes traffic and control channels 	Oct 2001	GERAN WG1 / WG2			

		<ul style="list-style-type: none"> • lu support and broadcast concept 	Nov 2001	GERAN WG1 / WG2	
		<ul style="list-style-type: none"> • Impact of using RLC instead of LAPDm concept 	Oct 2001	GERAN WG1 / WG2	
		<ul style="list-style-type: none"> • Contention resolution, mobile-station identity, and access concept 	Oct 2001	GERAN WG2	
		<ul style="list-style-type: none"> • PDCP concept 	Oct 2001	GERAN WG 2 / WG1	
		<ul style="list-style-type: none"> • Downlink delayed TBF release 	Oct 2001	GERAN WG2	
		<ul style="list-style-type: none"> • Add transparent RLC Concept 	Oct 2001	GERAN WG2	
		<ul style="list-style-type: none"> • Handover concept 	Nov 2001	GERAN WG2	
		<ul style="list-style-type: none"> • Physical layer alignment with UMTS bearer concept • Control channels in 45.003 • Receiver performance in 45.005 for PDTCH/TCH and control channels 	Jun 2001 Nov 2001	GERAN	
	lu rg interface GP-010427	<ul style="list-style-type: none"> • Inter BSS interface • Identification of requirements • Stage 2 • Adoption of relevant parts from lu r • Complementation with GERAN specifics • New stage 3 	Jun 2002	GERAN	Ongoing
		<ul style="list-style-type: none"> • Inter BSS-RNS interface • Identification of requirements • Stage 2 • Adoption of relevant parts from lu r • Complementation with GERAN specifics • New stage 3 	Jun 2002	GERAN , RAN3	Ongoing
	Voice over GERAN PS and CS concept GP-010432	<ul style="list-style-type: none"> • Voice over GERAN PS and CS concept • Architecture for A, lu cs and lu ps • Handover • RTP payload • Codec renegotiation concept 	Mar 2002	GERAN , RAN3	Ongoing
	GERAN Narrowband speech realization GP-010433	<ul style="list-style-type: none"> • 8PSK NB HR • Channel coding in 45.003 • Signalling for A interface • Signalling for lu • Link adaptation in 45.009 • Receiver performance in 45.005 	Jun 2001 Mar 2002	GERAN WG1	Ongoing
	GERAN MS Conformance test for GERAN interface evolution GP-010434	<ul style="list-style-type: none"> • MS test 	Dec 2002		Not started
	GERAN BTS Conformance test for GERAN interface evolution GP-010435	<ul style="list-style-type: none"> • BTS test 	Dec 2002		Not started
GERAN enhancements for streaming services 1 GP-010430	GERAN enhancements for streaming services 1 GP-010430	<ul style="list-style-type: none"> • Concept • RLC protocol enhancement (SDU Discard) 	Oct 2001 Nov 2001		Ongoing

GERAN enhancements for streaming services 2 GP-010429	GERAN enhancements for streaming services 2 GP-010429	Usage of ECSD concept Stage 2 Stage 3 <ul style="list-style-type: none"> • RLC PDU formats • MAC header 	Jun 2002 Jun 2002		Ongoing
700 MHz spectrum support GP-000449		<ul style="list-style-type: none"> • 			
	GERAN MS Conformance test for 700 MHz band GP-000451	<ul style="list-style-type: none"> • MS test 	Nov 2001		Ongoing
	GERAN BTS Conformance test for GERAN interface evolution GP-000452	<ul style="list-style-type: none"> • BTS test 	Nov 2001		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	<ul style="list-style-type: none"> • Handover concept • Relevant stage 3 -> RRC 	Nov 2001	GERAN WG2	Ongoing
	GERAN MS Conformance test for inter-system and intra-system Packet data real-time Handover GP-011622	Hand-over for the packet switched domain <ul style="list-style-type: none"> • Stable RT hand-over report 25.936 including header removal • Update of stage 2 • Update of relevant stage 3 specs 	Jun 2002	GERAN WG4; RAN3	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"> • Channel coding in 45.003 • Signalling for A interface • Signalling for Iu • • Receiver performance in 45.005 	Jun 2001 Jun 2001 Mar 2002		Ongoing
	GERAN MS Conformance test for WB AMR GP-000454	<ul style="list-style-type: none"> • MS test 	Jun 2002		Not started
	GERAN BTS Conformance test for WB AMR GP-000455	<ul style="list-style-type: none"> • BTS test 	Jun 2002		Not started
Location service (UMTS)	LCS interoperability aspects to GERAN GP-000456	<ul style="list-style-type: none"> • Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GERAN 	November 2001 (#7)	SA WG 1, WG 2, WG 5 RAN WG 2, WG 3 GERAN WG 2, WG 1	Ongoing

	Location Services (LCS) for GERAN in A/Gb Mode GP-011925	<ul style="list-style-type: none"> • GERAN LCS Stage Two (first release) • Gb interface support for LCS • L3 protocol support for LCS • Stage 3 specifications 	August 2001(#6) April 2001(#4)	GERAN WG 1, WG 2 SA WG 2	Ongoing GERAN LCS Stage 2 80% complete Gb mode CRs ready Stage 3 specifications ready
	Location Services (LCS) for GERAN in Iu Mode GP-011926	<ul style="list-style-type: none"> • GERAN LCS stage 2 (second release) • Iu-ps interface support for LCS • Iu-cs interface support for LCS • Iur-g interface support for LCS • RRC protocol support for LCS • Additional impacts on Broadcast of LCS data on packet channels • Stage 3 specifications 	November 2001 (#7) – Stage 2 Stage 3 – June (#10) 2002	3GPP GERAN WG 1, WG 2 3GPP RAN WG 2, WG 3 3GPP SA WG 2	Ongoing GERAN LCS Stage 2 IU mode 50% complete Iur-g i/f not started Stage 3 specifications needed
	GERAN MS Conformance test for LCS GP-000458	<ul style="list-style-type: none"> • MS test 	(R98/99/4) November 2001 (#7) (Rel 5) June 2002 (#10)	3GPP GERAN WG 4	Ongoing
	GERAN BTS Conformance test for LCS GP-000459	<ul style="list-style-type: none"> • BTS test 	June 2002	3GPP GERAN WG 3	Work has not started

**3GPP TSG GERAN
Meeting no 6
Naantali, Finland
27 – 31 August 2001**

Status of Change Requests presented to TSG GERAN#06

Tdoc	Title	Source	Status
GP-011564	CR 03.64-A080 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011565	CR 03.64-A081 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011566	CR 03.64-A082 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011568	CR 04.08-A756 rev 1 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011569	CR 04.08-A758 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011570	CR 04.08-A760 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011895	CR 04.08-A762 Removal of IEI explicit value in the BA List Pref information element description (R98)	Vodafone	Approved
GP-011922	CR 04.08-A764 Clarification of "inconsistent" MultiRate configuration IE (R98)	Nokia	Approved
GP-011750	CR 04.18-A208 : Introduction of UTRAN blind search from the SI2 quater (R99)	Alcatel	Revised
GP-011844	CR 04.18-A208 rev 1 Introduction of UTRAN blind search from the SI2 quater (R99)	Alcatel	Revised
GP-011938	CR 04.18-A208 rev 2 Introduction of UTRAN blind search from the SI2 quater (R99)	Alcatel	Approved
GP-011715	CR 04.18-A209 rev 4 Correction of transparent information in Classmark Change (R99)	Ericsson	Rejected

Tdoc	Title	Source	Status
GP-011716	CR 04.18-A210 rev 3 Correction to UTRAN Classmark enquiry (R99)	Ericsson	Rejected
GP-011647	CR 04.18-A211 SI2ter parameters truncation (R99) WITHDRAWN	Alcatel	Withdrawn
GP-011635	CR 04.18-A212 Error in the introduction of CR A199 (R99)	Motorola	Approved
GP-011551	CR 04.18-A213 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (R99)	Siemens	Withdrawn
GP-011756	CR 04.18-A215 Removal of IEI explicit value in the UTRAN Frequency list information element description (R99)	Vodafone	Approved
GP-011759	CR 04.18-A216 Alignments and Clarifications (e.g. for equivalent PLMNs) (R99)	Vodafone	Revised
GP-011852	CR 04.18-A216 rev 1 Alignments and Clarifications (e.g. for equivalent PLMNs) (R99)	Vodafone	Approved
GP-011762	CR 04.18-A217 Correction of information in the UTRAN Classmark Change message (R99)	Vodafone	Revised
GP-011856	CR 04.18-A217 rev 1 Correction of information in the UTRAN Classmark Change message (R99)	Vodafone	Revised
GP-011954	CR 04.18-A217 rev 2 Correction of information in the UTRAN Classmark Change message (R99)	Vodafone	Postponed
GP-011765	CR 04.18-A218 Correction to the Classmark Interrogation procedure for UTRAN (R99)	Vodafone	Rejected
GP-011768	CR 04.18-A219 Correction of the number of fields included in the UTRAN Classmark Change message (R99)	Vodafone	Rejected
GP-011617	CR 04.18-A220 Clarification of the Index_Start_3G parameter (R99)	Siemens	Revised
GP-011821	CR 04.18-A220 rev 1 Clarification of the Index_Start_3G parameter (R99)	Siemens	Revised
GP-011859	CR 04.18-A220 rev 2 Clarification of the Index_Start_3G parameter (R99)	Siemens	Approved
GP-011848	CR 04.18-A221 (R98) WITHDRAWN	Vodafone	Withdrawn
GP-011849	CR 04.18-A222 (R99) WITHDRAWN	Vodafone	Withdrawn
GP-011896	CR 04.18-A223 Removal of IEI explicit value in the BA List Pref information element description (R99)	Vodafone	Approved
GP-011923	CR 04.18-A224 Clarification of "inconsistent" MultiRate configuration IE (R99)	Nokia	Approved

Tdoc	Title	Source	Status
GP-011930	CR 04.18-A225 Introduction of the band indicator field in SI6 (R99)	Alcatel	Approved
GP-011515	CR 04.31-A042 Correction of faulty ephemeris definitions (R98)	Ericsson	Approved
GP-011516	CR 04.31-A043 Correction of faulty ephemeris definitions (R99)	Ericsson	Approved
GP-011512	CR 04.31-A044 Correction of various A-GPS faults (R98)	Ericsson	Revised
GP-011885	CR 04.31-A044 rev 1 Correction of various A-GPS faults (R98)	Ericsson	Revised
GP-011929	CR 04.31-A044 rev 2 Correction of various A-GPS faults (R98)	Ericsson	Approved
GP-011513	CR 04.31-A045 Correction of various A-GPS faults (R99)	Ericsson	Revised
GP-011886	CR 04.31-A045 rev 1 Correction of various A-GPS faults (R99)	Ericsson	Revised
GP-011933	CR 04.31-A045 rev 2 Correction of various A-GPS faults (R99)	Ericsson	Approved
GP-011753	CR 04.60-B018 rev 2 Clarification to LCC PDU Length Indicator (from last meeting) (R99) (Replaced by GP-011814)	Lucent	Withdrawn
GP-011613	CR 04.60-B018 rev 2 LLC PDU Length Indicator in EGPRS (R99) – WITHDRAWN	Lucent Technologies	Revised
GP-011814	CR 04.60-B018 rev 3 LLC PDU Length Indicator in EGPRS (R99) WITHDRAWN	Lucent Technologies	Not existing
GP-011841	CR 04.60-B018 rev 3 LLC PDU Length Indicator (R99)	Lucent	Approved
GP-011576	CR 04.60-B022 rev 1 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011752	CR 04.60-B024 rev 1 Introduction of the BAND_INDICATOR field in PSI1 (R99)	Alcatel	Revised
GP-011936	CR 04.60-B024 rev 2 Introduction of the BAND_INDICATOR field in PSI1 (R99)	Alcatel	Approved
GP-011717	CR 04.60-B025 Correction to definition of consistent sets of system information messages (R99)	Alcatel	Approved
GP-011601	CR 04.60-B026 DCCM: PSI Encapsulation (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011577	CR 04.60-B027, Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011600	CR 04.60-B028 DCCM: PSI Encapsulation (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn

Tdoc	Title	Source	Status
GP-011599	CR 04.60-B029 DCCM: PSI Encapsulation (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011578	CR 04.60-B030 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011620	CR 04.60-B031 Clarification of the Index_Start_3G parameter (R99)	Siemens	Revised
GP-011824	CR 04.60-B031 rev 1 Clarification of the Index_Start_3G parameter (R99)	Siemens	Revised
GP-011882	CR 04.60-B031 rev 2 Clarification of the Index_Start_3G parameter (R99)	Siemens	Approved
GP-011771	CR 04.60-B032 GPRS Real Time Difference update : text alignment (R99)	Vodafone	Approved
GP-011836	CR 04.60-B033 Clarification on Access Persistence Control for EGPRS PACKET CHANNEL REQUEST (R99)	Nokia	Revised
GP-011951	CR 04.60-B033 rev 1 Clarification on Access Persistence Control for EGPRS PACKET CHANNEL REQUEST (R99)	Nokia	Approved
GP-011839	CR 04.60-B034 Packet Access Reject during downlink TBF (R99)	Ericsson	Approved
GP-011682	CR 04.71-A010 Alignment of message type to 24.007 (R99)	Ericsson	Withdrawn
GP-011587	CR 05.02-A180 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011588	CR 05.02-A181 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011589	CR 05.02-A182 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011605	CR 05.02-A183 Correction of notes in table 6. (R97)	Ericsson	Rejected
GP-011606	CR 05.02-A184 Multislot configurations for 8PSK (R99)	Ericsson	Approved
GP-011781	CR 05.02-A185 Hopping sequence corrections (Ph2)	Nokia, Ericsson	Approved
GP-011782	CR 05.02-A186 Hopping sequence corrections (R96)	Nokia, Ericsson	Approved
GP-011783	CR 05.02-A187 Hopping sequence corrections (R97)	Nokia, Ericsson	Approved
GP-011784	CR 05.02-A188 Hopping sequence corrections (R98)	Nokia, Ericsson	Approved

Tdoc	Title	Source	Status
GP-011785	CR 05.02-A189 Hopping sequence corrections (R99)	Nokia, Ericsson	Approved
GP-011479	CR 05.05-A193 Correction to 05.05 – In correct references in section H.2.2.2 (R98)	Nokia	Revised
GP-011907	CR 05.05-A193 rev 1 Correction to 05.05 – In correct references in section H.2.2.2 (R98)	Nokia	Approved
GP-011480	CR 05.05-A194 Correction to 05.05 – In correct references in section H.2.2.2 (R99)	Nokia	Revised
GP-011908	CR 05.05-A194 rev 1 Correction to 05.05 – In correct references in section H.2.2.2 (R99)	Nokia	Approved
GP-011534	CR 05.05-A197 Corrections for clarification regarding PCS 1900 MS requirements on spurious emissions (R98)	Ericsson	Revised
GP-011906	CR 05.05-A197 rev 1 Corrections for clarification regarding PCS 1900 MS requirements on spurious emissions (R98)	Ericsson	Approved
GP-011535	CR 05.05-A198 Corrections for clarification regarding GSM 850 MS and PCS 1900 MS requirements on spurious emissions (R99)	Ericsson	Approved
GP-011559	CR 05.05-A199 Transmitted power vs. time" - mask alignment for PCS 1900 MS (R97)	Siemens	Withdrawn
GP-011560	CR 05.05-A200 Transmitted power vs. time" - mask alignment for PCS 1900 MS (R98)	Siemens	Withdrawn
GP-011561	CR 05.05-A201 Transmitted power vs. time" - mask alignment for PCS 1900 MS (R99)	Siemens	Withdrawn
GP-011623	CR 05.05-A202 Transmitted power level versus time (R99)	Motorola	Rejected
GP-011942	CR 05.05-A203 Clarification regarding the band-indicator (R99)	Alcatel	Approved
GP-011554	CR 05.08-A326 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (R99)	Siemens	Rejected
GP-011592	CR 05.08-A327 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011593	CR 05.08-A328 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011594	CR 05.08-A329 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011609	CR 05.08-A330 Correction to Predefined Configurations (R99)	Ericsson, Vodafone	Revised

Tdoc	Title	Source	Status
GP-011861	CR 05.08-A330 rev 1 Correction to Predefined Configurations (R99)	Ericsson, Vodafone	Approved
GP-011626	CR 05.08-A331 The R.M.S. received level at the receiver input (R99)	Motorola	Rejected
GP-011638	CR 05.08-A332 3G reselection: suitable cell and amount to monitor (R99)	Motorola	Revised
GP-011864	CR 05.08-A332 rev 1 3G reselection: suitable cell and amount to monitor (R99)	Motorola	Approved
GP-011644	CR 05.08-A333 Inter-PLMN network controlled cell reselection to 3G networks (R99) WITHDRAWN	Alcatel	Withdrawn
GP-011523	CR 05.08-A334 RXQUAL_SUB and RXLEV_SUB with AMR-NB (R98)	Motorola	Approved
GP-011524	CR 05.08-A335 RXQUAL_SUB and RXLEV_SUB with AMR-NB (R99)	Motorola	Approved
GP-011527	CR 05.09-A020 RATSCCH protocol: repetition of REQ messages and other corrections (R98)	Motorola	Revised
GP-011901	CR 05.09-A020 rev 1 RATSCCH protocol: repetition of REQ messages and other corrections (R98)	Motorola	Revised
GP-011945	CR 05.09-A020 rev 2 RATSCCH protocol: repetition of REQ messages and other corrections (R98)	Motorola	Approved
GP-011528	CR 05.09-A021 RATSCCH protocol: repetition of REQ messages and other corrections (R99)	Motorola	Revised
GP-011902	CR 05.09-A021 rev 1 RATSCCH protocol: repetition of REQ messages and other corrections (R99)	Motorola	Revised
GP-011946	CR 05.09-A021 rev 2 RATSCCH protocol: repetition of REQ messages and other corrections (R99)	Motorola	Approved
GP-011718	CR 08.08-A238 rev2: Kc over MAP/E interface to 3G_MSC-B (R99)	Nokia	Approved
GP-011712	CR 08.08-A239 rev 5 Layer 3 Information - RRC Container (R99)	Ericsson	Postponed
GP-011580	CR 08.18-A130 rev 1 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011539	CR 08.18-A132 Clarification of Packet Flow Timer (R99)	Siemens	Approved
GP-011581	CR 08.18-A133 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn

Tdoc	Title	Source	Status
GP-011582	CR 08.18-A134 Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011795	CR 08.18-A135 BVC-RESET in case of SGSN / Gb failures (R99)	Nortel Networks	Rejected
GP-011633	CR 08.71-A012 Addition of a missing cause value in BSSLAP for segmentation errors (R99)	Siemens	Approved
GP-011632	CR 08.71-A013 Addition of a missing cause value in BSSLAP for segmentation errors (R98)	Siemens	Approved
GP-011629	CR 09.31-A024 Correction of Location Type IE length in BSSMAP-LE PERFORM LOCATION REQUEST message (R98)	Siemens	Approved
GP-011630	CR 09.31-A025 Correction of Location Type IE length in BSSMAP-LE PERFORM LOCATION REQUEST message (R99)	Siemens	Approved
GP-011584	CR 09.95-A001 Introduction of DCCM-A (R97)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011585	CR 09.95-A002 Introduction of DCCM-A (R98)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011469	CR 11.10-1-A997 v4.28.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011470	CR 11.10-1-A998 v5.11.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011471	CR 11.10-1-A999 v6.3.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011472	CR 11.10-1-B000 v7.2.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011473	CR 11.10-1-B001 v8.1.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011474	CR 11.10-2-A047 v4.15.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011475	CR 11.10-3-C484 v4.33.0 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011476	CR 11.10-3-C485 v5.0.1 for inclusion of pointer to maintained version	GERAN WG4	Approved
GP-011468	CR 11.10-4-A005 Correction of wrong coding for SIM Application Toolkit 27.22	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011573	CR 24.008-xxx Introduction of DCCM-A (R99)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011574	CR 24.008-xxx Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011575	CR 24.008-xxx Introduction of DCCM-A (Rel 5)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011678	CR 43.051-030 Alignment with Physical Channel Definition in 45.002 (Rel 5)	Ericsson	Approved
GP-011680	CR 43.051-031 Enhanced Frequency Hopping in GERAN	Ericsson	Postponed
GP-011744	CR 43.051-032 Physical Channel Definitions (Rel-5)	Ericsson	Postponed
GP-011456	CR 43.059-008 LCS Stage 2 updates for lu (Rel 5)	Nokia	Withdrawn
GP-011457	CR 43.059-009 Lb over Ip (Rel 5)	Nokia	Withdrawn
GP-011521	CR 43.059-010 Correction of faulty references to 29.031 (Rel 4)	Ericsson	Revised
GP-011888	CR 43.059-010 rev 1 Correction of faulty references to 29.031 (Rel-4)	Ericsson	Revised
GP-011935	CR 43.059-010 rev 2 Correction of faulty references to 29.031 (Rel-4)	Ericsson	Approved
GP-011905	CR 43.059-011 Update of GERAN LCS Stage for Release 5	Rapporteur	Approved
GP-011567	CR 43.064-003 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011675	CR 44.004-002 Introduction of Enhanced Power Control (Rel 5)	Ericsson	Approved
GP-011698	CR 44.018-044 rev 1 Clarification of "inconsistent" MultiRate configuration IE (Rel 5)	Nokia	Revised
GP-011900	CR 44.018-044 rev 2 Clarification of "inconsistent" MultiRate configuration IE (Rel 5)	Nokia	Approved
GP-011751	CR 44.018-063 Introduction of UTRAN blind search from the SI2 quater (Rel 4)	Alcatel	Revised
GP-011845	CR 44.018-063 rev 1 Introduction of UTRAN blind search from the SI2 quater (Rel 4)	Alcatel	Revised
GP-011939	CR 44.018-063 rev 2 Introduction of UTRAN blind search from the SI2 quarter (Rel 4)	Alcatel	Approved

Tdoc	Title	Source	Status
GP-011746	CR 44.018-064 : Introduction of UTRAN blind search from the SI2 quater (Rel-4)	Alcatel	Revised
GP-011846	CR 44.018-064 rev 1 Introduction of UTRAN blind search from the SI2 quater (Rel-5)	Alcatel	Revised
GP-011940	CR 44.018-064 rev 2 Introduction of UTRAN blind search from the SI2 quarter (Rel-5)	Alcatel	Approved
GP-011720	CR 44.018-065 rev 3 Correction of transparent information in Classmark Change (Rel-4)	Ericsson	Rejected
GP-011721	CR 44.018-066 rev 3 Correction of transparent information in Classmark Change (Rel-5)	Ericsson	Rejected
GP-011722	CR 44.018-067 rev 3 Correction to UTRAN Classmark enquiry (Rel-4)	Ericsson	Rejected
GP-011723	CR 44.018-068 rev 3 Correction to UTRAN Classmark enquiry (Rel-5)	Ericsson	Rejected
GP-011636	CR 44.018-071 Error in the introduction of CR A199 (Rel 4)	Motorola	Approved
GP-011648	CR 44.018-073 SI2ter parameters truncation (Rel 4) WITHDRAWN	Alcatel	Withdrawn
GP-011649	CR 44.018-074 SI2ter parameters truncation (Rel 5) WITHDRAWN	Alcatel	Withdrawn
GP-011637	CR 44.018-075 Error in the introduction of CR A199 (Rel 5)	Motorola	Approved
GP-011571	CR 44.018-076 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011619	CR 44.018-077 Clarification of the Index_Start_3G parameter (Rel 5)	Siemens	Revised
GP-011823	CR 44.018-077 rev 1 Clarification of the Index_Start_3G parameter (Rel 5)	Siemens	Revised
GP-011873	CR 44.018-077 rev 2 Clarification of the Index_Start_3G parameter (Rel 5)	Siemens	Approved
GP-011674	CR 44.018-078 Introduction of Enhanced Power Control (Rel 5)	Ericsson	Revised
GP-011884	CR 44.018-078 rev 1 Introduction of enhanced power control (Rel 5)	Ericsson	Revised
GP-011950	CR 44.018-078 rev 2 Introduction of enhanced power control (Rel 5)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-011572	CR 44.018-079 Introduction of DCCM-A (Rel 5)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011553	CR 44.018-080 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (Rel 5)	Siemens	Withdrawn
GP-011552	CR 44.018-081 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (Rel 4)	Siemens	Withdrawn
GP-011618	CR 44.018-082 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Revised
GP-011822	CR 44.018-082 rev 1 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Revised
GP-011860	CR 44.018-082 rev 2 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Approved
GP-011520	CR 44.018-083 Introduction of LCS for GPRS to RR (Rel 5)	Ericsson	Revised
GP-011881	CR 44.018-083 rev 1 Introduction of LCS for GPRS to RR (Rel-5)	Ericsson	Approved
GP-011757	CR 44.018-084 Removal of IEI explicit value in the UTRAN Frequency list information element description (Rel-4)	Vodafone	Approved
GP-011758	CR 44.018-085 Removal of IEI explicit value in the UTRAN Frequency list information element description (Rel-5)	Vodafone	Approved
GP-011760	CR 44.018-086 Alignments and Clarifications (e.g. for equivalent PLMNs) (Rel-4)	Vodafone	Revised
GP-011853	CR 44.018-086 rev 1 Alignments and Clarifications (e.g. for equivalent PLMNs) (Rel-4)	Vodafone	Approved
GP-011761	CR 44.018-087 Alignments and Clarifications (e.g. for equivalent PLMNs) (Rel-5)	Vodafone	Revised
GP-011854	CR 44.018-087 rev 1 Alignments and Clarifications (e.g. for equivalent PLMNs) (Rel-5)	Vodafone	Approved
GP-011763	CR 44.018-088 Correction of information in the UTRAN Classmark Change message (Rel-4)	Vodafone	Revised
GP-011857	CR 44.018-088 rev 1 Correction of information in the UTRAN Classmark Change message (Rel-4)	Vodafone	Revised
GP-011955	CR 44.018-088 rev 2 Correction of information in the UTRAN Classmark Change message (Rel-4)	Vodafone	Postponed
GP-011764	CR 44.018-089 Correction of information in the UTRAN Classmark Change message (Rel-5)	Vodafone	Revised

Tdoc	Title	Source	Status
GP-011858	CR 44.018-089 rev 1 Correction of information in the UTRAN Classmark Change message (Rel-5)	Vodafone	Revised
GP-011956	CR 44.018-089 rev 2 Correction of information in the UTRAN Classmark Change message (Rel-5)	Vodafone	Postponed
GP-011766	CR 44.018-090 Correction to the Classmark Interrogation procedure for UTRAN (Rel-4)	Vodafone	Rejected
GP-011767	CR 44.018-091 Correction to the Classmark Interrogation procedure for UTRAN (Rel-5)	Vodafone	Rejected
GP-011769	CR 44.018-092 Correction of the number of fields included in the UTRAN Classmark Change message (Rel-4)	Vodafone	Rejected
GP-011770	CR 44.018-093 Correction of the number of fields included in the UTRAN Classmark Change message (Rel-5)	Vodafone	Rejected
GP-011549	CR 44.018-096 Clarification of Index_Start_3G (Rel 5) – WITHDRAWN	Siemens	Withdrawn
GP-011850	CR 44.018-097 (Rel-4) WITHDRAWN	Vodafone	Withdrawn
GP-011851	CR 44.018-098 (Rel-5) WITHDRAWN	Vodafone	Withdrawn
GP-011897	CR 44.018-099 Removal of IEI explicit value in the BA List Pref information element description (Rel-4)	Vodafone	Approved
GP-011898	CR 44.018-100 Removal of IEI explicit value in the BA List Pref information element description (Rel-5)	Vodafone	Approved
GP-011924	CR 44.018-101 Clarification of "inconsistent" MultiRate configuration IE (Rel-4)	Nokia	Approved
GP-011931	CR 44.018-102 Introduction of the band indicator field in SI6 (Rel-4)	Alcatel	Approved
GP-011932	CR 44.018-103 Introduction of the band indicator field in SI6 (Rel-5)	Alcatel	Approved
GP-011519	CR 44.031-008 Introduction of LCS for GPRS to RRLP (Rel 5)	Ericsson	Revised
GP-011880	CR 44.031-008 rev 1 Introduction of LCS for GPRS to RRLP (Rel-5)	Ericsson	Approved
GP-011514	CR 44.031-009 Correction of various A-GPS faults (Rel 4)	Ericsson	Revised
GP-011887	CR 44.031-009 rev 1 Correction of various A-GPS faults (Rel-4)	Ericsson	Revised
GP-011934	CR 44.031-009 rev 2 Correction of various A-GPS faults (Rel-4)	Ericsson	Approved
GP-011517	CR 44.031-010 Correction of faulty ephemeris definitions (Rel 4)	Ericsson	Approved
GP-011690	CR 44.060-029 Introduction of GERAN Rel 5	Nokia	Revised

Tdoc	Title	Source	Status
GP-011729	CR 44.060-029 rev 1 Introduction of GERAN (Rel 5)	Nokia	Postponed
GP-011754	CR 44.060-044 rev 2 Clarification to LCC PDU Length Indicator (from last meeting) (Rel-5) (Replaced by GP-011815)	Lucent	Revised
GP-011614	CR 44.060-044 rev 2 LLC PDU Length Indicator in EGPRS (Rel 4) – WITHDRAWN	Lucent Technologies	Withdrawn
GP-011842	CR 44.060-044 rev 3 LLC PDU Length Indicator in EGPRS (Rel 4)	Lucent Technologies	Approved
GP-011815	CR 44.060-044 rev 3 LLC PDU Length Indicator in EGPRS (Rel 4) WITHDRAWN	Lucent Technologies	Not existing
GP-011742	CR 44.060-045 Section 7 update (Rel-5)	Siemens	Postponed
GP-011745	CR 44.060-052 rev 1 Introduction of the BAND_INDICATOR field in PSI1 (Rel-4)	Alcatel	Revised
GP-011937	CR 44.060-052 rev 2 Introduction of the BAND_INDICATOR field in PSI1 (Rel-4)	Alcatel	Approved
GP-011705	CR 44.060-053 rev 2 Correction to PACKET SI STATUS (Rel-4)	Alcatel	Approved
GP-011602	CR 44.060-054 DCCM: PSI Encapsulation (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011579	CR 44.060-055 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011621	CR 44.060-056 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Revised
GP-011825	CR 44.060-056 rev 1 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Revised
GP-011883	CR 44.060-056 rev 2 Clarification of the Index_Start_3G parameter (Rel 4)	Siemens	Approved
GP-011543	CR 44.060-057 Section 7 update (Rel 5)	Siemens	Postponed
GP-011772	CR 44.060-058 GPRS Real Time Difference update : text alignment (Rel 4)	Vodafone	Approved
GP-011837	CR 44.060-059 Clarification on Access Persistence Control for EGPRS PACKET CHANNEL REQUEST (Rel-4)	Nokia	Revised
GP-011952	CR 44.060-059 rev 1 Clarification on Access Persistence Control for EGPRS PACKET CHANNEL REQUEST (Rel-4)	Nokia	Approved
GP-011840	CR 44.060-060 Packet Access Reject during downlink TBF (Rel-4)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-011522	CR 44.071-004 Alignment of message type to 24.007 (Rel 4)	Ericsson	Withdrawn
GP-011776	CR 45.001-003 Introduction of EPC channels (Rel 5)	Nokia	Revised
GP-011917	CR 45.001-003 rev 1 Introduction of EPC channels (Rel 5)	Nokia	Approved
GP-011590	CR 45.002-018 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011591	CR 45.002-019 Introduction of DCCM-A (Rel 5)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011777	CR 45.002-020 Introduction of EPC channels (Rel 5)	Nokia	Revised
GP-011918	CR 45.002-020 rev 1 Introduction of EPC channels (Rel 5)	Nokia	Approved
GP-011786	CR 45.002-021 Hopping sequence corrections (Rel 4)	Nokia, Ericsson	Approved
GP-011787	CR 45.002-022 Hopping sequence corrections (Rel 5)	Nokia, Ericsson	Approved
GP-011607	CR 45.002-027 Multislot configurations for 8PSK (Rel 4)	Ericsson	Approved
GP-011608	CR 45.002-028 Multislot configurations for 8PSK (Rel 5)	Ericsson	Approved
GP-011679	CR 45.003-006 Editorial changes due to the introduction of 8-PSK HR	Ericsson	Revised
GP-011919	CR 45.003-006 rev 1 Editorial changes due to the introduction of 8-PSK HR	Ericsson	Approved
GP-011778	CR 45.003-007 Channel coding for O-FACCH/H (Rel 5)	Nokia	Approved
GP-011779	CR 45.003-008 AMR signaling frames for O-TCH/AHS	Nokia	Approved
GP-011481	CR 45.005-023 Correction to 45.005 – In correct references in section H.2.2.2 (Rel 4)	Nokia	Revised
GP-011909	CR 45.005-023 rev 1 Correction to 45.005 – In correct references in section H.2.2.2 (Rel 4)	Nokia	Approved
GP-011482	CR 45.005-024 Correction to 45.005 – In correct references in section H.2.2.2 (Rel 5)	Nokia	Revised
GP-011910	CR 45.005-024 rev 1 Correction to 45.005 – In correct references in section H.2.2.2 (Rel 5)	Nokia	Approved
GP-011536	CR 45.005-025 Corrections for clarification regarding GSM 700 MS, GSM 850 MS and PCS 1900 MS requirements on spurious emissions (Rel 4)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-011537	CR 45.005-026 Corrections for clarification regarding GSM 700 MS, GSM 850 MS and PCS 1900 MS requirements on spurious emissions (Rel 5)	Ericsson	Approved
GP-011624	CR 45.005-029 Transmitted power level versus time (Rel 4)	Motorola	Rejected
GP-011625	CR 45.005-030 Transmitted power level versus time (Rel 5)	Motorola	Rejected
GP-011943	CR 45.005-031 Clarification regarding the band-indicator (Rel 4)	Alcatel	Approved
GP-011944	CR 45.005-031 Clarification regarding the band-indicator (Rel 5)	Alcatel	Approved
GP-011562	CR 45.005-047 Transmitted power vs. time" - mask alignment for PCS 1900 MS (Rel 4)	Siemens	Withdrawn
GP-011563	CR 45.005-048 Transmitted power vs. time" - mask alignment for PCS 1900 MS (Rel 5)	Siemens	Withdrawn
GP-011525	CR 45.008-043 RXQUAL_SUB and RXLEV_SUB with AMR-NB (Rel 4)	Motorola	Approved
GP-011526	CR 45.008-044 RXQUAL_SUB and RXLEV_SUB with AMR-NB (Rel 5)	Motorola	Approved
GP-011555	CR 45.008-045 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (Rel 4)	Siemens	Rejected
GP-011556	CR 45.008-046 Replacement of RXQUAL_FULL by RXQUAL_VAL in Enhanced Measurement Reports (Rel 5)	Siemens	Rejected
GP-011595	CR 45.008-049 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011596	CR 45.008-050 Introduction of DCCM-A (Rel 5)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011610	CR 45.008-051 Correction to Predefined Configurations (Rel 4)	Ericsson, Vodafone	Revised
GP-011862	CR 45.008-051 rev 1 Correction to Predefined Configurations (Rel 4)	Ericsson, Vodafone	Approved
GP-011611	CR 45.008-052 Correction to Predefined Configurations (Rel 5)	Ericsson, Vodafone	Revised
GP-011863	CR 45.008-052 rev 1 Correction to Predefined Configurations (Rel 5)	Ericsson, Vodafone	Approved
GP-011627	CR 45.008-053 The R.M.S. received level at the receiver input (Rel 4)	Motorola	Rejected
GP-011628	CR 45.008-054 The R.M.S. received level at the receiver input (Rel 5)	Motorola	Rejected

Tdoc	Title	Source	Status
GP-011639	CR 45.008-055 3G reselection: suitable cell and amount to monitor (Rel 4)	Motorola	Revised
GP-011865	CR 45.008-055 rev 1 3G reselection: suitable cell and amount to monitor (Rel 4)	Motorola	Approved
GP-011640	CR 45.008-056 3G reselection: suitable cell and amount to monitor (Rel 5)	Motorola	Revised
GP-011866	CR 45.008-056 rev 1 3G reselection: suitable cell and amount to monitor (Rel 5)	Motorola	Approved
GP-011645	CR 45.008-057 Inter-PLMN network controlled cell reselection to 3G networks (Rel 4) WITHDRAWN	Alcatel	Withdrawn
GP-011646	CR 45.008-058 Inter-PLMN network controlled cell reselection to 3G networks (Rel 5) WITHDRAWN	Alcatel	Withdrawn
GP-011676	CR 45.008-059 Introduction of Enhanced Power Control (Rel 5)	Ericsson	Approved
GP-011529	CR 45.009-001 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 4)	Motorola	Revised
GP-011903	CR 45.009-001 rev 1 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 4)	Motorola	Revised
GP-011947	CR 45.009-001 rev 2 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 4)	Motorola	Approved
GP-011530	CR 45.009-002 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 5)	Motorola	Revised
GP-011904	CR 45.009-002 rev 1 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 5)	Motorola	Revised
GP-011948	CR 45.009-002 rev 2 RATSCCH protocol: repetition of REQ messages and other corrections (Rel 5)	Motorola	Approved
GP-011724	CR 48.008-019 rev 2: Kc over MAP/E interface to 3G_MSC-B (Rel-4)	Nokia	Approved
GP-011725	CR 48.008-020 rev 2: Kc over MAP/E interface to 3G_MSC-B (Rel-5)	Nokia	Approved
GP-011719	CR 48.008-030 rev 5: Layer 3 Information - RRC Container (Rel-4)	Ericsson	Postponed
GP-011711	CR 48.008-031 rev 5 Layer 3 Information - RRC Container (Rel-5)	Ericsson	Postponed
GP-011542	CR 48.016-002 Clarification of abnormal procedures for SNS Change weight procedures (Rel 4)	Siemens	Approved

Tdoc	Title	Source	Status
GP-011541	CR 48.016-003 Clarification of the Resource Distribution Function (Rel 4)	Siemens	Approved
GP-011641	CR 48.016-004 Blocking procedure in case of Test procedure failure for a blocked NS-VC (Rel 5)	Alcatel	Approved
GP-011533	CR 48.018-037 rev 2 Introduction of LCS for GPRS to Release 5 (Rel 5)	Ericsson	Revised
GP-011710	CR 48.018-037 rev 3 Introduction of LCS for GPRS to Release 5 (Rel-5)	Ericsson	Revised
GP-011928	CR 48.018-037 rev 4 Introduction of LCS for GPRS to Release 5 (Rel-5)	Ericsson	Revised
GP-011959	CR 48.018-037 rev 5 Introduction of LCS for GPRS to Release 5 (Rel-5)	Ericsson	Approved
GP-011704	CR 48.018-038 rev 2: Inter-NSE rerouting of DL LLC PDUs (Rel 4)	Alcatel	Approved
GP-011741	CR 48.018-039 : Inter-NSE rerouting of DL LLC PDUs (Rel-5) WITHDRAWN	Alcatel	Withdrawn
GP-011583	CR 48.018-040 Introduction of DCCM-A (Rel 4)	Nokia, Ericsson, Siemens, Vodafone Group	Withdrawn
GP-011540	CR 48.018-041 Clarification of Packet Flow Timer (Rel 4)	Siemens	Revised
GP-011810	CR 48.018-041 rev 1 Clarification of Packet Flow Timer (Rel 4)	Siemens	Approved
GP-011642	CR 48.018-042 Inter-NSE rerouting of DL LLC PDUs (Rel 5)	Alcatel	Approved
GP-011775	CR 48.018-043 SGSN behaviour during rerouting of DL LLC PDUs (Rel 5)	Alcatel	Approved
GP-011796	CR 48.018-044 BVC-RESET in case of SGSN / Gb failures (Rel 4)	Nortel Networks	Rejected
GP-011797	CR 48.018-045 BVC-RESET in case of SGSN / Gb failures (Rel 5)	Nortel Networks	Rejected
GP-011843	CR 48.018-046 Clarification of Packet Flow Timer (Rel-5)	Siemens	Approved
GP-011894	CR 48.058-002 rev 1 Introduction of Enhanced Power Control (Rel 5)	Ericsson	Revised
GP-011677	CR 48.058-002 Introduction of Enhanced Power Control (Rel 5)	Ericsson	Revised
GP-011949	CR 48.058-002 rev 2 Introduction of enhanced power control (Rel 5)	Ericsson	Approved

Tdoc	Title	Source	Status
GP-011634	CR 48.071-002 Addition of a missing cause value in BSSLAP for segmentation errors (Rel 4)	Siemens	Approved
GP-011518	CR 49.031-003 Introduction of LCS for GPRS to BSSAP-LE (Rel 5)	Ericsson	Revised
GP-011879	CR 49.031-003 rev 1 Introduction of LCS for GPRS to BSSAP-LE (Rel-5)	Ericsson	Revised
GP-011927	CR 49.031-003 rev 2 Introduction of LCS for GPRS to BSSAP-LE (Rel-5)	Ericsson	Approved
GP-011631	CR 49.031-004 Correction of Location Type IE length in BSSMAP-LE PERFORM LOCATION REQUEST message (Rel 4)	Siemens	Approved
GP-011463	CR 51.010-1- 240 Corrections to sections 20.22 – 20.22.9	GERAN WG4	Approved
GP-011463	CR 51.010-1- 241 Harmonisation of conformance tests related to terminal acoustics in GSM and 3G	GERAN WG4	Approved
GP-011464	CR 51.010-1- 242 Correction of test case 26.6.3.7.	GERAN WG4	Approved
GP-011464	CR 51.010-1- 243 GSM 700 and GSM850 inclusion into section 26.3	GERAN WG4	Approved
GP-011464	CR 51.010-1- 244 GSM 700 and GSM850 inclusion into section 26.5	GERAN WG4	Approved
GP-011464	CR 51.010-1- 245 GSM 700 and GSM850 inclusion into section 26.6	GERAN WG4	Approved
GP-011464	CR 51.010-1- 246 GSM 700 and GSM850 inclusion into section 26.7	GERAN WG4	Approved
GP-011464	CR 51.010-1- 247 GSM 700 and GSM850 inclusion into section 26.8	GERAN WG4	Approved
GP-011464	CR 51.010-1- 248 GSM 700 and GSM850 inclusion into section 26.9	GERAN WG4	Approved
GP-011464	CR 51.010-1- 249 GSM 700 and GSM850 inclusion into section 26.11	GERAN WG4	Approved
GP-011464	CR 51.010-1- 250 GSM700 and GSM850 inclusion into section 26.12	GERAN WG4	Approved
GP-011464	CR 51.010-1- 251 GSM 700 and GSM850 inclusion into section 26.13	GERAN WG4	Approved
GP-011464	CR 51.010-1- 252 GSM 700 and GSM850 inclusion into section 26.14	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011464	CR 51.010-1- 253 GSM 700 and GSM850 inclusion into section 26.15	GERAN WG4	Approved
GP-011464	CR 51.010-1- 254 GSM 700 and GSM850 inclusion into section 26.16	GERAN WG4	Approved
GP-011464	CR 51.010-1- 255 GSM 700 and GSM850 inclusion into section 27	GERAN WG4	Approved
GP-011464	CR 51.010-1- 256 GSM 700 and GSM850 inclusion into section 31	GERAN WG4	Approved
GP-011464	CR 51.010-1- 257 GSM 700 and GSM850 inclusion into section 34	GERAN WG4	Approved
GP-011464	CR 51.010-1- 258 GSM 700 and GSM850 inclusion into section 35	GERAN WG4	Approved
GP-011464	CR 51.010-1- 259 Correction of both test cases 31.4.2.1.4 and 31.4.2.2.1 : tests of supplementary services	GERAN WG4	Approved
GP-011464	CR 51.010-1- 260 Correction of test case 31.9.1.1: Process UnstructuredSS-request/accepted and Addition of information in Annex 3	GERAN WG4	Approved
GP-011464	CR 51.010-1- 261 GSM 700 and GSM850 included into annex 4.3	GERAN WG4	Approved
GP-011464	CR 51.010-1- 262 GSM 700 and GSM850 included into section 26.1	GERAN WG4	Approved
GP-011464	CR 51.010-1- 263 Introduction of PCS 1900 into section 26.1	GERAN WG4	Approved
GP-011462	CR 51.010-1- 322 Test of EGPRS RR Paging Procedures	GERAN WG4	Approved
GP-011462	CR 51.010-1- 323 Test of EGPRS Medium Access Control (MAC) Protocol/ Fixed Allocation	GERAN WG4	Approved
GP-011462	CR 51.010-1- 324 Addition of new EGPRS test cases for section 52.4 (Measurement reports and Cell change order procedures)	GERAN WG4	Approved
GP-011462	CR 51.010-1- 325 S51.3 MAC/RLC Release ; TBF-Release	GERAN WG4	Approved
GP-011462	CR 51.010-1- 326 Correction of Origin Offset Suppression requirements	GERAN WG4	Approved
GP-011462	CR 51.010-1- 327 S 53 - EGPRS RLC testcases	GERAN WG4	Approved
GP-011462	CR 51.010-1- 328 S52.3 EGPRS MAC Dynamic Allocation Testcases.	GERAN WG4	Approved
GP-011465	CR 51.010-1- 329 S60 Inter-system handover from GSM to UTRAN	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011465	CR 51.010-1- 330 Addition of Test Cases in clause 60 Inter-system hard handover from GSM to UTRAN	GERAN WG4	Approved
GP-011464	CR 51.010-1- 331 Addition of 1,8V and 1,8V/3V SIM-ME interface test cases into CR 51.010-1- section 27	GERAN WG4	Approved
GP-011461	CR 51.010-1-264 Annex 4 - Addition of GPRS service	GERAN WG4	Approved
GP-011461	CR 51.010-1-265 Acknowledged mode / Uplink TBF / Transmit window size, in Section 43.1.1.2	GERAN WG4	Approved
GP-011461	CR 51.010-1-266 Paging correction and GPRS resume indication in section 44.2.2.2.5	GERAN WG4	Approved
GP-011461	CR 51.010-1-267 Additional Location Update procedures in section 44.2.3.1.4	GERAN WG4	Approved
GP-011461	CR 51.010-1-268 Editorial modification to section 41.1.4.1	GERAN WG4	Approved
GP-011461	CR 51.010-1-269 Inserted time for ready timer expiry and removed TMSI status IE in section 44.2.3.3.2	GERAN WG4	Approved
GP-011461	CR 51.010-1-270 Changed timer references in section 44.2.5.1.2	GERAN WG4	Approved
GP-011461	CR 51.010-1-271 42.1.2.1.10.2 Incorrect Number of Packet Access Re-Attempts	GERAN WG4	Approved
GP-011461	CR 51.010-1-272 42.2.2.11.2 Generic Procedure for Open Ended TBF & Irrelevant Conformance Requirement : Dynamic/Fixed Allocation & Definition and Applicability : Frequency Support	GERAN WG4	Approved
GP-011461	CR 51.010-1-273 42.2.2.7.3 Conformance Requirements Inconsistent with Test Purpose and Expected Sequence : Repeat Allocation & New Allocation Bitmap Valid From TBF Starting Time	GERAN WG4	Approved
GP-011461	CR 51.010-1-274 42.2.3.2.1 Generic Procedure for Open Ended TBF & PACKET TBF RELEASE	GERAN WG4	Approved
GP-011461	CR 51.010-1-275 42.2.3.2.1 Generic Procedure for Open Ended TBF & PACKET TBF RELEASE	GERAN WG4	Approved
GP-011461	CR 51.010-1-276 GSM 700 and GSM850 inclusion into clause 42	GERAN WG4	Approved
GP-011461	CR 51.010-1-277 Fixed Allocation ALLOCATION BITMAP clarifications in section 42.2.2.6.1 and 42.2.2.8.1	GERAN WG4	Approved
GP-011461	CR 51.010-1-278 GPRS resume indication and Attach Accept contents in section 44.2.1.2.1	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011461	CR 51.010-1-279 A Minor Test Requirement Error In The Sequence of 44.2.1.2.6	GERAN WG4	Approved
GP-011461	CR 51.010-1-280 Attach Accept contents in sections 44.2.1.1.1, 44.2.1.1.7, 44.2.2.1.2, 44.2.2.1.3, 44.2.3.1.7, 44.2.4	GERAN WG4	Approved
GP-011461	CR 51.010-1-281 GPRS Resume indication in sections 44.2.1.2.4, 44.2.1.2.5, 44.2.1.2.6, 44.2.1.2.7, 44.2.1.2.8, 44.2.1.2.9, 44.2.2.1.7, 44.2.2.2.3 and 44.2.2.2.4	GERAN WG4	Approved
GP-011461	CR 51.010-1-282 Added Location Update procedure and changed Attach Accept contents in section 44.2.3.1.2	GERAN WG4	Approved
GP-011461	CR 51.010-1-283 Changed Attach Accept contents and Initial conditions in section 44.2.3.1.5	GERAN WG4	Approved
GP-011461	CR 51.010-1-284 Several changes to section 44.2.3.2.3	GERAN WG4	Approved
GP-011461	CR 51.010-1-285 Changed title and removed location update in section 44.2.3.3.4	GERAN WG4	Approved
GP-011461	CR 51.010-1-286 MS may answer to paging in section 44.2.1.2.2.3.2, 44.2.3.2.5.3.1 and 44.2.3.2.5.3.2	GERAN WG4	Approved
GP-011461	CR 51.010-1-287 42.4.2.1.4 Error Cause in PACKET CELL CHANGE FAILURE	GERAN WG4	Approved
GP-011461	CR 51.010-1-288 42.4.2.2.1 Incorrect Establishment Cause in PACKET CHANNEL REQUEST	GERAN WG4	Approved
GP-011461	CR 51.010-1-289 Corrections to sections 42.4.1.1 and 42.4.2.1	GERAN WG4	Approved
GP-011461	CR 51.010-1-290 Clause 44.2.2.2.4 GPRS detach / re-attach requested / accepted	GERAN WG4	Approved
GP-011461	CR 51.010-1-291 Clause 46.1.2.2.2.3 Busy condition at the peer, with ACK sent for resumption of transmission	GERAN WG4	Approved
GP-011461	CR 51.010-1-292 GSM 700 and GSM850 inclusion into 51.010-1 clause 40	GERAN WG4	Approved
GP-011461	CR 51.010-1-293 44.2.3.2.5.3.2 Test Procedure 2 Correction to initial conditions.	GERAN WG4	Approved
GP-011461	CR 51.010-1-294 Proposal to change requirements for the number of RLC octets sent in uplink data transfer test cases.	GERAN WG4	Approved
GP-011461	CR 51.010-1-295 Section 40 Need To Define Alternate Frequencies For Assignment Commands When PBCCH/PCCCH Uses Hopping	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011461	CR 51.010-1-296 Modification of conformance requirement concerning test case 45.5.1 : Unknown or Unforeseen Transaction Identifier/Non-semantical Mandatory Information Element Errors.	GERAN WG4	Approved
GP-011461	CR 51.010-1-297 Comments related to XID response in LLC Testcases 46.1.2.7.1 and 46.1.2.7.4	GERAN WG4	Approved
GP-011461	CR 51.010-1-298 Correction in message direction for GMM Testcase 44.2.2.1.7	GERAN WG4	Approved
GP-011461	CR 51.010-1-299 Possible MM Location Update for Non-Auto Attach MS	GERAN WG4	Approved
GP-011461	CR 51.010-1-300 42.1.1.3 Initial Conditions Incorrect for RLC Unacknowledged Mode Test	GERAN WG4	Approved
GP-011461	CR 51.010-1-301 42.1.2.1.1.1 Incorrect Use of FRAME_NUMBER in PACKET QUEUING NOTIFICATION & Possible MM Location Update for Non-Auto Attach MS	GERAN WG4	Approved
GP-011461	CR 51.010-1-302 42.1.2.1.9.3 Inconsistent RLC Mode in Initial Conditions and Test Procedure	GERAN WG4	Approved
GP-011461	CR 51.010-1-303 42.2.1.1/1b, 42.2.1.2/1b and 42.2.1.2/2b Use of 11-bit PRACH Format on RACH	GERAN WG4	Approved
GP-011461	CR 51.010-1-304 PACKET POLLING REQ RRBP Interpretation	GERAN WG4	Approved
GP-011461	CR 51.010-1-305 42.2.2.11.1 Generic Procedure for Open Ended TBF	GERAN WG4	Approved
GP-011461	CR 51.010-1-306 42.2.2.11.3 Generic Procedure for Open Ended TBF & Conformance Requirement : Abnormal Release	GERAN WG4	Approved
GP-011461	CR 51.010-1-307 Incorrect T3188 Start Condition	GERAN WG4	Approved
GP-011461	CR 51.010-1-308 42.2.3.3.1 Generic Procedure for Open Ended TBF & PACKET CHANNEL REQUEST on CCCH	GERAN WG4	Approved
GP-011461	CR 51.010-1-309 42.2.4.4.1 Conformance Requirement Changed : Re-Attempt Packet Access	GERAN WG4	Approved
GP-011461	CR 51.010-1-310 42.3.1.1.4 Incorrect Expected Sequence for Uplink TBF Establishment	GERAN WG4	Approved
GP-011461	CR 51.010-1-311 42.3.2.1.1 PACKET CONTROL ACK & Commencement of Downlink Data Blocks	GERAN WG4	Approved
GP-011461	CR 51.010-1-312 42.3.2.1.2 Violation of Ttb Class 2/3 MS	GERAN WG4	Approved
GP-011461	CR 51.010-1-313 42.3.3.1.1 Expected Sequence Table for SMS + 1 PDP Context Test	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011461	CR 51.010-1-314 42.3.3.1.2 Expected Sequence Table for SMS + 1 PDP Context Test & Radio Priorities for SMS and PDP Context 5	GERAN WG4	Approved
GP-011461	CR 51.010-1-315 Radio Priority for SMS	GERAN WG4	Approved
GP-011461	CR 51.010-1-316 42.4.1.2 Ready Timer and Cell Update Procedures	GERAN WG4	Approved
GP-011461	CR 51.010-1-317 42.5.2.1 No Timing Advance Value Allocated & Commencement of Downlink RLC Data Blocks & Completion of Downlink Data Transfer	GERAN WG4	Approved
GP-011461	CR 51.010-1-318 Correction to section 41.2.5.1 Packet access rejection / wait indication	GERAN WG4	Approved
GP-011461	CR 51.010-1-319 Clause 40.1. Default test conditions (Definition of Cell C-F)	GERAN WG4	Approved
GP-011461	CR 51.010-1-320 Clause 40 – GPRS default conditions, message contents and macros	GERAN WG4	Approved
GP-011461	CR 51.010-1-321 45.2.1.2.1 QoS Accepted by MS; 45.5. Unknown or Unforeseen Transaction Identifier/Non-semantical Mandatory Information Element Errors	GERAN WG4	Approved
GP-011466	CR 51.010-2-007 Harmonisation of conformance tests related to terminal acoustics in GSM and 3G	GERAN WG4	Approved
GP-011466	CR 51.010-2-008 Correction of title for clause 44.2.3.3.4	GERAN WG4	Approved
GP-011466	CR 51.010-2-009 Correction of conditional statement C226	GERAN WG4	Approved
GP-011466	CR 51.010-2-010 Addition of new EGPRS test cases for section 51.3 (TBF Release)	GERAN WG4	Approved
GP-011466	CR 51.010-2-011 Addition of new EGPRS test cases for section 52.4 (Measurement reports and Cell change order procedures)	GERAN WG4	Approved
GP-011466	CR 51.010-2-012 Applicability table for EGPRS RR Paging Procedures	GERAN WG4	Approved
GP-011466	CR 51.010-2-013 Applicability table for EGPRS Medium Access Control (MAC) Protocol/ Fixed Allocation	GERAN WG4	Approved
GP-011466	CR 51.010-2-014 Addition of new EGPRS test cases for section 53 (EGPRS RLC Testcases)	GERAN WG4	Approved
GP-011466	CR 51.010-2-015 Addition of new EGPRS test cases for section 52.3 (EGPRS MAC Dynamic Allocation)	GERAN WG4	Approved
GP-011466	CR 51.010-2-016 Applicability table for Handover Test Cases	GERAN WG4	Approved

Tdoc	Title	Source	Status
GP-011466	CR 51.010-2-017 Addition of 1,8V and 1,8V/3V SIM-ME interface test cases into 51.010-2 section A4.8 and Annex B (applicability table)	GERAN WG4	Approved
GP-011466	CR 51.010-2-018 Correction of COMPACT and SoLSA tests in the Release column of table B.1	GERAN WG4	Approved
GP-011467	CR 51.010-3-003 Alignment of TC_26_5_3_2 with 51.010-1 section 26.5.3.2	GERAN WG4	Approved
GP-011467	CR 51.010-3-004 Proposal to allow handover access bursts on a SACCH.	GERAN WG4	Approved
GP-011467	CR 51.010-3-005 Alignment of TC_26_2_4_7& TC_26_2_4_8 with 51.010-1 section 26.2.4.7 & 26.2.4.8	GERAN WG4	Approved