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TSG GERAN

TSG SA#21

TSG GERAN Report

to

TSG-SA#21

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

MT



Tdoc SP-030512



TSG GERAN work area (1/2)



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)

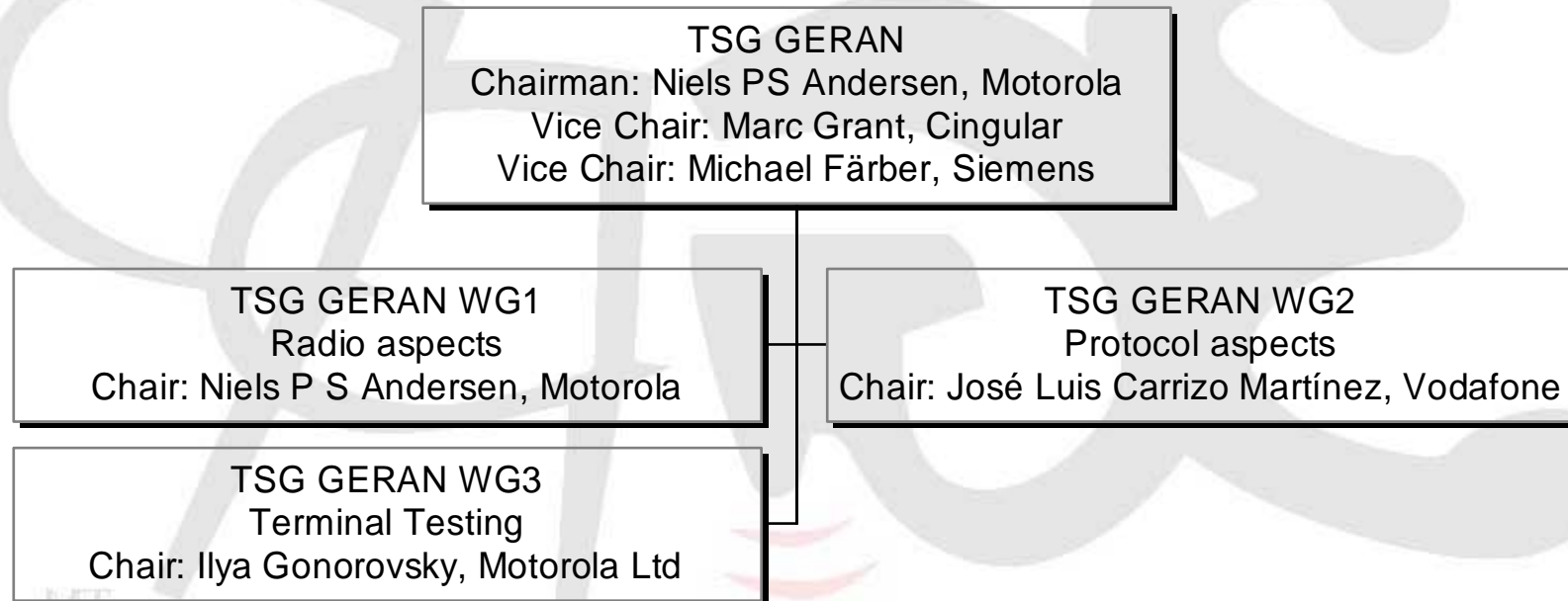


- **A interface specification, Gb interface specification**
- **Internal GERAN interface specifications such as Abis, and Ater (CCU-TRAU)**
- **Conformance test specifications for testing of all aspects of GERAN base stations**
- **Conformance test specifications for testing of all aspects of GERAN terminals**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

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Organisation of TSG GERAN ***(3/4)***



TSG GERAN WG2 – Protocol Aspects

- **Chairman: José Luis Carrizo Martínez, Vodafone**
- **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 ***(4/4)***



TSG GERAN WG3 – Terminal Testing Aspects

Chairman: Ilya Gonorovsky, Motorola

- Conformance test specifications for testing of Lower layers including RLC/MAC**
- Conformance test specifications for testing Protocol aspects above the RLC/MAC**

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R99 mobiles in R97 networks



- **TSG GERAN have been made aware of problems with R99 mobiles in some pre-R99 networks**
 - R99 mobiles might be rejected due to revision level indication in Classmark
 - R99 extensions to GPRS protocols might cause network to reject messages
- **Specifications have in the past been updated to clarify behaviour.**
- **LS sent to GSMA asking for action to help quick deployment of network "corrections"**
- **Positive answer indicating that GSMA have taken action – No further action will be taken by TSG GERAN**

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Pre-Release 5



- **DTM**
 - Significant change of mandatory support in mobile and network has been agreed in order to ease and speed-up deployment.
 - Now support of class 5 (two timeslots) mandatory, before support of class 1 (one timeslot) was mandatory.
- **Misc corrections for ASCII**
- **Correction of the PR field encoding**

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Pre-Release 5



- **Dual-mode operation**
 - Range for FDD_Qmin extended based on operators experience
 - Correction to identification of TDD cells
- **EDGE**
 - Modification of accuracy requirements for MEAN_BEP for EGPRS
- **Introduction of mobile station multislotted power classes**
 - From Release 5 with signalling support

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LCS



- **Corrections to RRLP pseudo-segmentation**
- **No significant changes/corrections for LCS R98→**
- **LCS support for GPRS completed and stable**
- **Discussions ongoing regarding the potential for improvement of the LCS performance**

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Support for Codecs



- **TSG GERAN has completed work on 8-PSK channels for AMR and WB-AMR**
- **The final radio performance requirements for 8-PSK channels have now been agreed**

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Release 5



- **lu mode**
 - Small corrections
 - Correction to cell barring description to allow cell testing
 - Corrections for radio link failure
- **TEI5**
 - Close-ended TBFs removed
 - Correction for Extended Dynamic Allocation ('shifted USF')
 - Corrections to RIM/external NACC discussed
 - Discussions on early UE handling for lu mode
 - Protocol allows to send the UESBI to BSC over the lu
 - One CR to 44.014 for new SIM simulator connection type

Multiple TBFs for A/Gb



- **Stage 2 CR sent to plenary for approval**
- **CRs to all clauses of 44.060 were agreed**
- **Some changes still pending for G2 #16bis**
 - **Changes to sub-clause 8.1.1.1.2**
 - **Interactions with DTM: 43.055 and 44.018**
- **WG2 considers the WI complete**

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Flexible Layer 1



- **Draft change requests for layer 1 been presented and reviewed**
- **Discussion on the use of ‘logical channels’**
 - Decided not to use this term
- **CR to 43.051 presented, but impacted by the previous**
- **No more work expected on security**

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SAIC



- **Single Antenna Interference Cancellation**
 - Results of simulations for synchronous networks for CS services converge
 - First results for asynchronous networks received and show a potential gain
 - First results for 8-PSK interference received, shows less gain when interferer is 8-PSK modulated compared to GMSK modulated interferer !
 - No direct input for feasibility study text received
 - Workshop planned

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MBMS



- **Multiple discussions on requirements**
- **Reported that SA2 have decided to split flows @ BSC**
 - **A number of issues identified**
 - **Feasibility of offering P2P seriously questioned**
 - **Difficult to discuss these issues without a joint meeting**
- **Discussion on simplifications/priorities**
 - **Polluted by decision on flow split**

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Streaming



- **TR 44.933 v1.1.0 presented**
- **Clarifications added**
- **Feedback to SA2 on GERAN RAB Service Attributes**
 - **Except: SDU format and Allocation/Retention Priority (pre-R6)**
- **Work plan**
 - **Requirements and performance studies considered complete**
 - **Closure of the WI at next meeting is no more work is foreseen**

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U-TDOA



- **One correction agreed for BSSLAP**
- **Addition of support of AMR postponed**
- **Work plan**
 - **CS side: April 2004**
 - **PS side: November 2004**

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2G PS Conversational



- Multiple updates of the TR
- Definition and functions of GRR
- Definition of PFCs “subject to handover”
- GRR awareness FFS
 - RLC/MAC signalling
 - “GRR connection”
- PS handover as a standalone building block
 - PS handover can be used for streaming, interactive, backgr.
 - Independent of the actual channel combination used

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TEI 6



- **Priorities of messages**
 - Packet Downlink Ack/Nack vs PCCN
- **Encoding of measurement reporting**
 - Include bitmap for all 96 cells
 - Impact on test specifications
- **Clarifications on BSS paging co-ordination in 23.060**
- **Misc corrections on ASCI**

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Testing ^(1/2)



- **Main focus has been on testing of:**
 - Radio & Layer 1
 - GPRS – Ongoing analysis of needs for update of R97 test cases to align with R99 core specifications
 - EDGE
 - Selection/Reselection & Handover (2.5G, 3G)
 - LCS
 - Tracking of core specification changes
 - AMR (Narrow band)
 - DTM – Tests completed

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Testing (2/2)



- **Work has started on including (align) the test cases which are being used by PTCRB in the US into TS 51.010**
- **New areas of testing**
 - RLC/MAC (lu interface CS and PS domain)
- **The following items have no progress due to lack of input:**
 - Enhanced power control
 - Wideband AMR
 - AMR 8 PSK HR
 - Selection/Reselections (GERAN I_u-mode >UTRAN)
 - Handover (GERAN I_u-mode >UTRAN PS).

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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 #17	17-21 November 2003	Hungary
TSG GERAN #18	2-6 February 2004	
TSG GERAN #19	19-23 April 2004	
TSG GERAN #20	21-25 June 2004	
TSG GERAN #21	23-27 August 2004	
TSG GERAN #22	8-12 November 2004	

Extract of GERAN work programme and list of CR handled at TSG GERAN #15+16 are attached to this report

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Workplan for TSG GERAN after TSG GERAN #16

Open Work item status and approval time frame

This list reflects the open work items running under the responsibility of TSG GERAN.

Feature	Building block	Work task	Level of completion	Start Date	Date of completion	Status
GERAN improvements 2 (GEIMP2) GP-012812	Gb enhancements GP-000436	Intra BSC NACC <ul style="list-style-type: none"> • Concept • Changes in 03.64 • Changes in 04.60 • Changes in 44.008 		Nov 2000	June 2001	Ready for R4. Closed
	MS conformance test for Intra BSC NACC GP-012811	<ul style="list-style-type: none"> • Changes in 51.010 	85%	Nov 2001	November 2003	Started
Alignment of 3G functional split and Iu (GER3GAL) GP-021256	GERAN user / control plane (GER3GAL-GUCOPL) GP-021255	Alignment with UMTS bearer concept <ul style="list-style-type: none"> • Stage 2 		Aug 2000	Jun 2001	Ready for R5.
		<ul style="list-style-type: none"> • Adoption of the UTRAN PDCP 			Dec 2001	
		<ul style="list-style-type: none"> • Development of RLC / MAC 			Aug 2002	
		<ul style="list-style-type: none"> • Development of GERAN RRC 			Jun 2002	
		<ul style="list-style-type: none"> • Ciphering and integrity protection concept paper 			Apr 2002	
		<ul style="list-style-type: none"> • Multiple TBF or equivalent Concept paper 			Feb 2002	
		<ul style="list-style-type: none"> • Paging concept 			Apr 2002	
		<ul style="list-style-type: none"> • Dedicated physical subchannels. Includes traffic and control channels 			Nov 2001	
		<ul style="list-style-type: none"> • Iu support and broadcast concept 			Apr 2002	
		<ul style="list-style-type: none"> • Impact of using RLC instead of LAPDm concept 			Feb 2002	
		<ul style="list-style-type: none"> • Contention resolution, mobile-station identity, and access concept 			Nov 2001	
		<ul style="list-style-type: none"> • PDCP concept 			Apr 2002	
		<ul style="list-style-type: none"> • Downlink delayed TBF release 			Aug 2002	
		<ul style="list-style-type: none"> • Add transparent RLC Concept 			Feb 2002	
<ul style="list-style-type: none"> • Handover concept 		Feb 2002				

		<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	
	Iu rg interface (GER3GAL-Iurg) GP-010428	Inter BSS interface Identification of requirements Stage 2 Adoption of relevant parts from Iu r Complementation with GERAN specifics New stage 3		Nov 2000	Jun 2002	Ready for R5. Closed
		Inter BSS-RNS interface Identification of requirements Stage 2 Adoption of relevant parts from Iu r Complementation with GERAN specifics New stage 3			Jun 2002	Ready for R5. Closed
	Voice over GERAN PS and CS concept GP-021252	Voice over GERAN PS and CS concept <ul style="list-style-type: none"> Architecture for A, Iu cs and Iu ps Handover RTP payload 		Nov 2000	Nov 2001	Ready for R5. Closed
	GERAN MS Conformance test for GERAN interface evolution GP-021253	<ul style="list-style-type: none"> MS test 	0%	August 2003	June 2004	Not started
	GERAN BTS Conformance test for GERAN interface evolution GP-021254	<ul style="list-style-type: none"> BTS test 	0%	August 2003	June 2004	Not started

<p><i>Enhancement of Broadcast and Introduction of Multicast (in responsibility of TSG SA1)</i></p>	<p>Support of the Multimedia Broadcast Multicast Service (MBMS) in GERAN (MBMS-GERAN) GP-022566</p>	<ul style="list-style-type: none"> • Impact on the logical and physical channels • Simultaneous support of MBMS services • Simultaneous support of MBMS and non-MBMS services • Resynchronisation at cell change • Decision making process between point-to-point or point-to-multipoint configurations • MBMS channel allocation procedures to multiple MSs • Changes to the Gb interface • GERAN-specific changes to the lu-ps interface • Interaction between MBMS and lu-flex • Security aspects • MS conformance tests 	<p>20%</p>	<p>November 2002</p>	<p>February 2004</p>	<p>Started</p>
<p>Multiple TBF in A/Gb mode (MULTBF) GP-021263</p>	<p>Multiple TBF in A/Gb mode (MULTBF-Agmode) GP-021263</p>	<ul style="list-style-type: none"> • Multiple TBF Concept paper • Multiple TBF Stage 2 (43.064) CRs • Multiple TBF Stage 3 (44.060) CRs 	<p>100%</p>	<p>April 2002</p>	<p>August 2003</p>	<p>Completed</p>
	<p>Multiple TBF in A/Gb mode – MS testing GP-022098</p>	<ul style="list-style-type: none"> • MS conformance tests 	<p>0%</p>		<p>January 2004</p>	<p>Not Started</p>
<p>Seamless support of streaming services in A/Gb mode (SSStrea) GP-022561</p>	<p>Identification of requirements for streaming GP-022564</p>	<ul style="list-style-type: none"> • Requirements 	<p>100%</p>	<p>August 2002</p>	<p>August 2003</p>	<p>Completed</p>
	<p>Performance study of cell change mechanisms GP-022562</p>	<ul style="list-style-type: none"> • Performance of NACC • Performance of cell change in DTM for the PS domain • Handover 	<p>100%</p>	<p>August 2002</p>	<p>August 2003</p>	<p>Completed</p>
	<p>Reduction of service interruption times and packet loss during mobility procedures GP-022563</p>	<ul style="list-style-type: none"> • Optimisations of existing mechanisms/procedures • Inter-system NACC • PS Handover (within GERAN and between GERAN and UTRAN) • Dependency to other features 	<p>90%</p>	<p>January 2003</p>	<p>November 2003</p>	<p>Started</p>
	<p>MS conformance testing GP-023424</p>	<ul style="list-style-type: none"> • MS conformance tests 	<p>0%</p>	<p>September 2003</p>	<p>January 2004</p>	<p>Not Started</p>

Flexible Layer One for GERAN (FLOGER) GP-021018	Realisation of a Flexible Layer One (FLOGER-Real) GP-021019	Technical Report Architecture in 45.001 and 43.051 Multiplexing in 45.002 Channel Coding in 45.003 Performance Requirements in 45.005 Radio subsystem link control in 45.008 Requirements in 44.004	65%	April 2002	November 2003	Started
	Signalling and protocol support for a Flexible Layer One (FLOGER-SigPro) GP-021020	Modifications to RLC/MAC in 44.060 and 44.160 Modifications to RRC in 44.118 and 44.018	30%	October 2002	November 2003	Started
	Security for a Flexible Layer One (FLOGER-SecFLO) GP-021021	Ciphering in 44.160,44.118, 44.060 and 44.018	100%	February 2003	August 2003	Completed
	GERAN MS Conformance test for the Flexible Layer One (FLOGER-Msconf) GP-021022	MS Test in 51.010	0%	September 2003	January 2004	Not Started
	GERAN BTS Conformance test for the Flexible Layer One (FLOGER-BTSconf) GP-021023	BTS Test in 51.021	0%	September 2003	January 2004	Not Started
Addition of frequency bands to GSM (TAPS) GP-022072	Addition of frequency bands to GSM – Changes to core specs (TAPS-Specs) GP-022073	45.005 New frequency ranges 45.050 Scenarios for new frequencies 24.008 Classmark information elements 45.008 Add frequency ranges 45.001 Add frequency and channels 43.030 Add frequency ranges 43.022 Add channels to be searched	100%	June 2002	Dec 2002	Ready for Rel-6
	Addition of frequency bands to GSM – Changes for conformance tests (TAPS-Conf) GP-022074	51.010-1 Add testing	0%		November 2003	Not Started
Enhanced Power Control (EPC) GP-012748	Realization of Enhanced power control and signaling support GP-012749	Concept Changes to 43.051 Changes to 44.004 Changes to 44.018 Changes to 48.058 Changes to 45.001 Changes to 45.002 Changes to 45.003 Changes to 45.008			Nov 2001	Ready for Rel 5. Closed

	GERAN MS Conformance test for Enhanced Power Control GP-012750	<ul style="list-style-type: none"> MS test 	0%		November 2003	Not started
	GERAN BTS Conformance test for Enhanced Power Control GP-012751	<ul style="list-style-type: none"> BTS test 	0%		November 2003	Not started
8PSK AMR HR (8PSK-AH) GP-012752	Definition of channel coding, performance requirements and signaling support GP-012753	<ul style="list-style-type: none"> Concept Changes to 44.018 Changes to 45.001 Changes to 45.002 Changes to 45.003 Changes to 45.005 Changes to 24.008 Changes to 48.058 		Dec 2001	Jun 2002	Ready for R5. Closed
	GERAN MS Conformance test for 8PSK HR GP-012754	<ul style="list-style-type: none"> MS test 	0%		November 2003	
	GERAN BTS Conformance test for 8PSK HR GP-012755	<ul style="list-style-type: none"> BTS test 	100%		Dec 2002	
Wideband telephony services (UMTS)	Support of WB AMR in GERAN (GAMRWB) 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 lu Link adaptation in 45.009 Receiver performance in 45.005 		January 2000	Apr 2002 Nov 2001 Jun 2002	Ready for R5. Closed
	GERAN MS Conformance test for WB AMR GP-000454	<ul style="list-style-type: none"> MS test 	0%		November 2003	
	GERAN BTS Conformance test for WB AMR GP-000455	<ul style="list-style-type: none"> BTS test 	100%		Dec 2002	
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 				Ready for R5. Closed
	Location service for GERAN R4 GP-010932	<ul style="list-style-type: none"> Work for aligning LCS R4 CN and GERAN 				
	Location Services (LCS) for GERAN in A/Gb Mode GP-011925	<ul style="list-style-type: none"> GERAN LCS Stage Two Gb interface support for LCS L3 protocol support for LCS Stage 3 specifications 			Feb. 2002	

	Location Services (LCS) for GERAN in Iu Mode GP-011926	<ul style="list-style-type: none"> GERAN LCS stage 2 Iu 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 			Stage 2- GERAN #8 Feb. 2002 Stage 3 – GERAN #9 Jun 2002	Ready for R5. Closed
	GERAN MS Conformance test for LCS (LCS-GERAN-Msconf) GP-000458	<ul style="list-style-type: none"> Develop LCS MS test case work plan (Release 98/99/4) Develop LCS MS test cases 	100%		June 2003	Completed
	GERAN BTS Conformance test for LCS (LCS-GERAN-BTScnf) GP-000459	<ul style="list-style-type: none"> Develop LCS BTS test case work plan (Release 99/99/4) Develop LCS BTS test cases 	0%		November 2003	Work has not started
Single Antenna Receiver Interference Cancellation (SAIC) GP-023400	Single Antenna Receiver Interference Cancellation (SAIC)	<ul style="list-style-type: none"> Determine feasibility of SAIC for GMSK and 8PSK scenarios under realistic synchronized and non-synchronized network conditions. Using a single Feasibility Study, both GMSK and 8PSK scenarios will be evaluated individually. Realistic DIR (Dominant-to-rest of Interference Ratio) levels and distributions based on network simulations and measurements. Robustness against different training sequences. Determine method to detect/indicate SAIC capability. 	60%	Nov 2002	November 2003	Ongoing
Uplink TDOA location determination for GSM/GPRS (UTDOA) GP-030567	Addition of U-TDOA in the CS domain GP-030568	Addition of U-TDOA in the CS domain	60%	November 2002	April 2004	Ongoing
	Addition of U-TDOA in the PS domain GP-030569	<ul style="list-style-type: none"> Addition of U-TDOA in the PS domain 	5%	June 2003	Nov 2004	Started
Support of Conversational Services in A/Gb mode via the PS domain (SCSAGB) GP-030443	Creation of a Technical Report (SCSAGB-TR) GP-030444	<ul style="list-style-type: none"> Technical Report 	65%	Feb 2003	November 2003	Started
	Stage 2 (SCSAGB-Stage2) GP-030445	<ul style="list-style-type: none"> PS handover SNDCP/LLC compression Definition of radio resource management functionality Modifications to FLO Radio channel support 	0%	Nov 2003	April 2004	Not Started
	Radio Channel Support (SCSAGB-RCS) GP-030446	<ul style="list-style-type: none"> Radio channel support for Conversational QoS Introduction of continuous measurement reporting 	0%	Feb 2004	August 2004	Not Started
	Definition of radio resource management functionality (SCSAGB-RRM) GP-030447	<ul style="list-style-type: none"> Addition/modification of radio resource management protocol layer 	0%	Feb 2004	August 2004	Not Started

	PS Handover (SCSAGB-PSH) GP-030448	<ul style="list-style-type: none"> BSSGP procedures for change of BSC Bi-Casting Context transfer 	0%	Feb 2004	August 2004	Not Started
	Modifications to FLO (SCSAGB-FLO) GP-030449	<ul style="list-style-type: none"> FLO specific impacts due to conversational QoS 	0%	Feb 2004	August 2004	Not Started
Alignment between the test-regimes for GERAN capable MS GP-032236		<ul style="list-style-type: none"> Determine the controversial test cases in the different test regimes and align them with 3GPP GERAN test specifications. Such test cases to be added to TS 51.010. 	0%	June 2003	T.B.D	Started

Closed work items

Completed or Terminated Work items

This list reflects work items that have been completed or terminated.

Feature	Building block	Work task	Level of completion	Start Date	Date of completion	Status
GERAN/UTRAN interface evolution 1 GP-000481	Evolution of lups	<ul style="list-style-type: none"> Identification of GERAN requirements on lups Update of specifications 			Nov 2001 Mar 2002	Ready for R5. Closed
GERAN/UTRAN interface evolution 2 GP-010417	Evolution of lucs GP-000430	<ul style="list-style-type: none"> Identification of GERAN requirements on lucs Update of specifications 			Apr 2002 Jun 2002	Ready for R5. Closed
Low chip rate TDD option (UTRAN)	Low chiprate TDD interworking with GERAN GP-000432	<ul style="list-style-type: none"> Handover and Cell Selection / Reselection to UTRAN 1.28Mcps TDD 				Ready for R4. Closed
GERAN improvements 1 GP-000433	Gb over IP GP-000434	IP-fication of Gb <ul style="list-style-type: none"> Concept Changes to 08.16, 08.18 				Ready for R4. Closed
GERAN improvements 3 GP-010909	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. 	0%		Dec 2002	Terminated. Not standardised
GERAN Improvements 4 GP-010363	Gb enhancements 2 GP-010363	Stage 2 Stage 3 (changes in 44.060) <ul style="list-style-type: none"> Definition of enhanced countdown procedure Definition of enhanced TBF release procedure 				Ready for R4. Closed
GERAN Inter BSC NACC improvements over the Gb Interface GP-012313	Modification of Gb protocols for GERAN Inter BSC NACC over the Gb interface GP-012314	Stage 3 (changes to) <ul style="list-style-type: none"> 48.018 			Apr 2002	Ready for R5. Closed

	Modification of core network protocols for GERAN Inter BSC NACC for Gb interface GP-011877	<p>Stage 2</p> <ul style="list-style-type: none"> • Concept • 23.060 change <ul style="list-style-type: none"> – Definition of Inter BSC NACC <p>Stage 3 (changes to)</p> <ul style="list-style-type: none"> • 29.060 			<p>Nov 2001</p> <p>Apr 2002</p>	
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 for PDCP protocol • Conceptual description in stage 2 • Necessary changes on stage 3 	100%		<p>Sept 2000</p> <p>Oct 2001</p> <p>Dec 2002</p>	Ready for Rel-5. Closed
	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>Feb 2002</p> <p>Dec 2002</p>	Terminated. Not standardised
	GERAN MS Conformance test for support of IP multimedia GP-010424	<ul style="list-style-type: none"> • MS test 	0%		Dec 2002	Terminated. Not standardised
	GERAN BTS Conformance test for support of IP multimedia GP-010425	<ul style="list-style-type: none"> • BTS test 	0%		Dec 2002	Terminated. Not standardised
Flow control supporting an MS with multiple data flows with different QoS over the Gb interface GP-021767	Update of stage 2 specifications	<ul style="list-style-type: none"> • Concept document 23.060 (changes to) <ul style="list-style-type: none"> – Flow Control 			<p>June 2002</p> <p>June 2002</p>	Closed
	Modification of BSSGP protocol GP-021508	<p>Stage 3 (changes to)</p> <ul style="list-style-type: none"> • 48.018 			June 2002	Ready for release 5. Closed
GERAN enhancements for streaming services 1 GP-010429	GERAN enhancements for streaming services 1 GP-010429	<ul style="list-style-type: none"> • Concept • RLC protocol enhancement (SDU Discard) 			<p>Oct 2001</p> <p>Nov 2001????</p>	Ready for R5. Closed
GERAN enhancements for streaming services 2 GP-010430	GERAN enhancements for streaming services 2 GP-010430	<p>Usage of ECSD</p> <p>Stage 2</p> <p>Stage 3</p> <ul style="list-style-type: none"> • RLC PDU formats • MAC header 			<p>Jun 2001</p> <p>Jun 2002</p>	Ready for R5. Closed

Intra Domain Connection of RAN Nodes to Multiple CN Nodes: Overall System Architecture SA2 Feature	GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes GP-020492	<p>Stage 2 (changes to)</p> <ul style="list-style-type: none"> 43.051 Introduction of support for IDNNS in GERAN lu mode <p>Stage 3 (changes to)</p> <ul style="list-style-type: none"> 48.016 Use of Gb interface concepts when a network applies IDNNS 48.018 Include MSC/VLR identity in CS IMSI paging 			Jun 2002	Ready for R5. Closed, accept changes for Gb over IP
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	<p>Handover for the packet switched domain</p> <ul style="list-style-type: none"> Stabile RT handover report 25.936 including header removal Update of stage 2 Update of relevant stage 3 specs 			Nov 2001	Closed
Uplink TDOA feasibility study GP-012794	Uplink TDOA feasibility study GP-012794	<ul style="list-style-type: none"> Performing of a feasibility study 			Jun 2002	Closed for R6.
700 MHz spectrum support GP-000449	GERAN support for the 700 MHz band	<ul style="list-style-type: none"> Signaling support Physical layer definitions Receiver performance and RF budget 				Ready for R4. Closed
	GERAN MS Conformance test for 700 MHz band GP-000451	<ul style="list-style-type: none"> MS test 			Jun 2001	Closed
	GERAN BTS Conformance test for GERAN interface evolution GP-000452	<ul style="list-style-type: none"> BTS test 	100%		Dec 2002	Closed
Enhanced A/Gb feasibility study GP-022565	Enhanced A/Gb feasibility study GP-022565	<ul style="list-style-type: none"> Requirements for the support of conversational services Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack Outline of impact and feasibility of these building blocks and their different solutions Impact on 3GPP architecture and requirement to co-ordinate with other TSGs (CN, SA) Standardisation effort Dependency to other features 	100%		Nov 2002	Closed at GERAN #13

MS Conformance Testing of Dual Transfer Mode GP-023236	MS Conformance Testing of Dual Transfer Mode	<ul style="list-style-type: none">MS Conformance Testing of Dual Transfer Mode	100%		Feb 2003	Closed at GERAN #14
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3GPP TSG GERAN

Status of Change Requests presented to TSG GERAN #15 and TSG GERAN#16

Tdoc	Title	Source	Status
GP-031408	CR 03.55-A002 Change of DTM core capability (R99)	Nokia, Ericsson	Revised
GP-031691	CR 03.55-A002 rev 1 Change of DTM core capability (R99)	Nokia, Ericsson	Revised
GP-031723	CR 03.55-A002 rev 2 Change of DTM core capability (R99)	Nokia, Ericsson	Postponed
GP-031772	CR 03.55-A002 rev 2 Change of DTM core capability (R99)	Nokia, Ericsson	Revised
GP-032120	CR 03.55-A002 rev 3 Change of DTM core capability (R99)	Nokia, Ericsson	Revised
GP-032130	CR 03.55-A002 rev 4 Change of DTM core capability (R99)	Nokia, Ericsson	Approved
GP-031370	CR 03.64-A087 Removal of PTM-M (R99)	Siemens AG	Postponed
GP-031365	CR 04.03-A007 Correction on PNCH for ASCI services (R99)	Siemens AG	Rejected
GP-031379	CR 04.03-A008 Correction on use of the PNCH (R99)	Siemens AG	Postponed
GP-031148	CR 04.08-A798 Correction of erroneous mathematical expressions (Ph2)	Ericsson	Approved
GP-031149	CR 04.08-A800 Correction of erroneous mathematical expressions (R96)	Ericsson	Approved
GP-031150	CR 04.08-A802 Correction of erroneous mathematical expressions (R97)	Ericsson	Approved
GP-031151	CR 04.08-A804 Correction of erroneous mathematical expressions (R98)	Ericsson	Approved
GP-031538	CR 04.14-A017 EGPRS Test loops clarifications (R99)	Motorola	Revised
GP-031665	CR 04.14-A017 rev 1 EGPRS Test loops clarifications (R99)	Motorola	Approved
GP-031152	CR 04.18-A275 Correction of erroneous mathematical expressions (R99)	Ericsson	Approved
GP-031417	CR 04.18-A276 Clarification for Handover to UTRAN completion (R99)	Nokia	Rejected
GP-031272	CR 04.31-A088 Correction of RRLP Pseudo-Segmentation Description (R98)	Siemens AG	Postponed
GP-031740	CR 04.31-A088 rev 1 Correction of RRLP Pseudo-Segmentation Description (R98)	Siemens AG	Revised

Tdoc	Title	Source	Status
GP-032125	CR 04.31-A088 rev 2 Correction of RRLP Pseudo-Segmentation Description (R98)	Siemens AG	Revised
GP-032268	CR 04.31-A088 rev 3 Correction of RRLP Pseudo-Segmentation Description (R98)	Siemens AG	Approved
GP-031273	CR 04.31-A089 Correction of RRLP Pseudo-Segmentation Description (R99)	Siemens AG	Postponed
GP-031741	CR 04.31-A089 rev 1 Correction of RRLP Pseudo-Segmentation Description (R99)	Siemens AG	Revised
GP-032126	CR 04.31-A089 rev 2 Correction of RRLP Pseudo-Segmentation Description (R99)	Siemens AG	Revised
GP-032269	CR 04.31-A089 rev 3 Correction of RRLP Pseudo-Segmentation Description (R99)	Siemens AG	Approved
GP-031357	CR 04.60-B122 Clarification of the Extended Dynamic Allocation (R99)	Ericsson	Revised
GP-031580	CR 04.60-B122 rev 1 Clarification of the Extended Dynamic Allocation (R99)	Ericsson	Approved
GP-031706	CR 04.60-B123 Change of DTM core capability (R99)	Nokia	Revised
GP-031671	CR 04.60-B123 rev 1 Change of DTM core capability (R99)	Nokia	Postponed
GP-031776	CR 04.60-B123 rev 2 Change of DTM core capability (R99)	Nokia, Ericsson	Revised
GP-032134	CR 04.60-B123 rev 3 Change of DTM core capability (R99)	Nokia, Ericsson	Approved
GP-031841	CR 04.60-B124 Order of frequency bands in MS Radio Access Capability IE (Rel99)	Siemens AG	Rejected
GP-032081	CR 04.60-B125 Correction of the Power Reduction (PR) field encoding (R99)	Alcatel	Approved
GP-031353	CR 05.02-A203 Clarification of the Extended Dynamic Allocation R99	Ericsson	Revised
GP-031576	CR 05.02-A203 rev 1 Clarification of the Extended Dynamic Allocation (R99)	Ericsson	Revised
GP-031710	CR 05.02-A203 rev 2 Clarification of the Extended Dynamic Allocation (R99)	Ericsson	Approved
GP-031373	CR 05.02-A204 Removal of PTM-M (R99)	Siemens AG	Postponed
GP-032018	CR 05.05-A373 Introduction of mobile station multislot power classes (R99)	Ericsson, Nokia	Revised
GP-032097	CR 05.05-A373 rev 1 Introduction of mobile station multislot power classes (R99)	Ericsson, Nokia	Approved

Tdoc	Title	Source	Status
GP-032102	CR 05.08-374 Clarification to Extended Dynamic Allocation for high multislot classes (R99)	Ericsson	Revised
GP-032181	CR 05.08-374 rev 1 Clarification to Extended Dynamic Allocation for high multislot classes (R99)	Ericsson	Approved
GP-031196	CR 05.08-A367 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (R99)	Ericsson	Withdrawn
GP-031376	CR 05.08-A368 Removal of reference to PTM services (R99)	Siemens AG	Postponed
GP-031525	CR 05.08-A369 Missing Test Measurement Parameters for UTRAN TDD Cell Access (R99)	Siemens AG	Revised
GP-031644	CR 05.08-A369 rev 1 Missing Test Measurement Parameters for UTRAN TDD Cell Access (R99)	Siemens AG	Revised
GP-031719	CR 05.08-A369 rev 2 Missing Test Measurement Parameters for UTRAN TDD Cell Access (R99)	Siemens AG	Approved
GP-031648	CR 05.08-A370 Modification of accuracy requirements for MEAN_BEP for EGPRS (R99)	Nokia	Postponed
GP-032070	CR 05.08-A370 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (R99)	Nokia, Ericsson	Revised
GP-032225	CR 05.08-A370 rev 2 Modification of accuracy requirements for MEAN_BEP for EGPRS (R99)	Nokia, Ericsson	Approved
GP-031702	CR 05.08-A371 Correction on DTM power control (R99)	Nokia	Postponed
GP-031780	CR 05.08-A371 rev 1 Correction on DTM power control (R99)	Nokia, Ericsson	Approved
GP-031984	CR 05.08-A372 Correction for identification of TDD cells (R99)	Siemens, Nokia	Approved
GP-032112	CR 05.08-A375 Correction of insufficient range of the FDD_Qmin parameter (R99)	Vodafone	Revised
GP-032221	CR 05.08-A375 rev 1 Correction of insufficient range of the FDD_Qmin parameter (R99)	Vodafone	Approved
GP-031384	CR 05.10-A080 Correction of definition of "ready to transmit" for inter-RAT handover (R99)	Siemens AG	Rejected
GP-031979	CR 05.10-A081 Correction of definition of "ready to transmit" for inter-RAT handover (R99)	Siemens	Revised
GP-032188	CR 05.10-A081 rev 1 Correction of definition of "ready to transmit" (R99)	Siemens	Revised
GP-032281	CR 05.10-A081 rev 2 Correction of definition of "ready to transmit" (R99)	Siemens	Approved
GP-032042	CR 05.10-A082 MS reaction time upon reception of assignment message on CCCH (R97)	Nortel Networks, Melco	Rejected

Tdoc	Title	Source	Status
GP-032043	CR 05.10-A083 MS reaction time upon reception of assignment message on CCCH (R98)	Nortel Networks, Melco	Rejected
GP-032044	CR 05.10-A084 MS reaction time upon reception of assignment message on CCCH (R99)	Nortel Networks, Melco	Rejected
GP-031282	CR 08.08-A246 Coding correction of RXLEV_NCELL in Target Cell Radio Info IE (R99)	T-Mobile	Approved
GP-031510	CR 08.08-A247 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (R99)	Nortel Networks	Revised
GP-031570	CR 08.08-A247 rev 1 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (R99)	Nortel Networks	Approved
GP-031926	CR 08.08-A248 Correction of uplink release management (R99)	Siemens AG	Revised
GP-032139	CR 08.08-A248 rev 1 Correction of uplink release management (R99)	Siemens AG	Approved
GP-032085	CR 08.18-A142 rev 1 Correction to the handling of unsuccessful PFC transfer procedure upon cell change (R99)	Alcatel, T-Mobile	Withdrawn
GP-031204	CR 11.21-A159 Clarification of requirements for BSS IM attenuation for GSM 850 and PCS 1900 (R99)	Ericsson	Revised
GP-031699	CR 11.21-A159 rev 1 Clarification of requirements for BSS IM attenuation for GSM 850 and PCS 1900 (R99)	Ericsson	Approved
GP-031208	CR 11.21-A160 Alignment of receiver requirements with TS 05.05 (R98)	Ericsson	Approved
GP-031209	CR 11.21-A161 Alignment of receiver requirements with TS 05.05 (R99)	Ericsson	Approved
GP-031412	CR 24.008-xxx Change of DTM core capability (R99)	Nokia, Ericsson	NA
GP-031413	CR 24.008-xxx Change of DTM core capability (Rel 4)	Nokia, Ericsson	NA
GP-031414	CR 24.008-xxx Change of DTM core capability (Rel 5)	Nokia, Ericsson	NA
GP-031415	CR 24.008-xxx Change of DTM core capability (Rel 6)	Nokia, Ericsson	NA
GP-031695	CR 24.008-xxx rev 1 Change of DTM core capability (R99)	Nokia, Ericsson	NA
GP-031696	CR 24.008-xxx rev 1 Change of DTM core capability (Rel 4)	Nokia, Ericsson	NA
GP-031697	CR 24.008-xxx rev 1 Change of DTM core capability (Rel 5)	Nokia, Ericsson	NA
GP-031698	CR 24.008-xxx rev 1 Change of DTM core capability (Rel 6)	Nokia, Ericsson	NA
GP-031668	CR 24.008-xxx rev 2 Change of DTM core capability, source (Rel-4)	Nokia, Ericsson	NA

Tdoc	Title	Source	Status
GP-031669	CR 24.008-xxx rev 2 Change of DTM core capability, source (Rel-5)	Nokia, Ericsson	NA
GP-031670	CR 24.008-xxx rev 2 Change of DTM core capability, source (Rel-6)	Nokia, Ericsson	NA
GP-031558	CR 43.051-053 Introduction of FLO (Rel 6)	Nokia	Postponed
GP-032006	CR 43.051-053 Introduction of FLO (Rel 6)	Nokia	Postponed
GP-032063	CR 43.051-054 PUESBINE feature in GERAN lu mode	Nokia	Revised
GP-032198	CR 43.051-054 rev 1 PUESBINE feature in GERAN lu mode (Rel-5)	Nokia	Approved
GP-031409	CR 43.055-008 Change of DTM core capability (Rel 4)	Nokia, Ericsson	Revised
GP-031692	CR 43.055-008 rev 1 Change of DTM core capability (Rel 4)	Nokia, Ericsson	Revised
GP-031724	CR 43.055-008 rev 2 Change of DTM core capability (Rel 4)	Nokia, Ericsson	Postponed
GP-031773	CR 43.055-008 rev 2 Change of DTM core capability (Rel-4)	Nokia, Ericsson	Revised
GP-032121	CR 43.055-008 rev 3 Change of DTM core capability (Rel-4)	Nokia, Ericsson	Revised
GP-032131	CR 43.055-008 rev 4 Change of DTM core capability (Rel-4)	Nokia, Ericsson	Approved
GP-031410	CR 43.055-009 Change of DTM core capability (Rel 5)	Nokia, Ericsson	Revised
GP-031693	CR 43.055-009 rev 1 Change of DTM core capability (Rel 5)	Nokia, Ericsson	Revised
GP-031725	CR 43.055-009 rev 2 Change of DTM core capability (Rel 5)	Nokia, Ericsson	Postponed
GP-031774	CR 43.055-009 rev 2 Change of DTM core capability (Rel-5)	Nokia, Ericsson	Revised
GP-032122	CR 43.055-009 rev 3 Change of DTM core capability (Rel-5)	Nokia, Ericsson	Revised
GP-032132	CR 43.055-009 rev 4 Change of DTM core capability (Rel-5)	Nokia, Ericsson	Approved
GP-031411	CR 43.055-010 Change of DTM core capability (Rel 6)	Nokia, Ericsson	Revised
GP-031694	CR 43.055-010 rev 1 Change of DTM core capability (Rel 6)	Nokia, Ericsson	Revised
GP-031726	CR 43.055-010 rev 2 Change of DTM core capability (Rel 6)	Nokia, Ericsson	Postponed
GP-031775	CR 43.055-010 rev 2 Change of DTM core capability (Rel-6)	Nokia, Ericsson	Revised
GP-032123	CR 43.055-010 rev 3 Change of DTM core capability (Rel-6)	Nokia, Ericsson	Revised
GP-032133	CR 43.055-010 rev 4 Change of DTM core capability (Rel-6)	Nokia, Ericsson	Approved
GP-031076	CR 43.059-038 Inclusion of RR procedures and enhancement of the Reset procedure for Uplink TDOA	TruePosition	Revised
GP-031657	CR 43.059-038 rev 1 Inclusion of RR procedures and enhancement of the Reset procedure for Uplink TDOA	TruePosition	Approved

Tdoc	Title	Source	Status
GP-031277	CR 43.059-039 Correction of RRLP Pseudo-Segmentation Description (Rel 4)	Siemens AG	Withdrawn
GP-031278	CR 43.059-040 Correction of RRLP Pseudo-Segmentation Description (Rel 5)	Siemens AG	Withdrawn
GP-031279	CR 43.059-041 Correction of RRLP Pseudo-Segmentation Description (Rel 6)	Siemens AG	Withdrawn
GP-031140	CR 43.064-010 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Postponed
GP-031944	CR 43.064-010 rev 1 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Revised
GP-032147	CR 43.064-010 rev 2 Removal of the close-ended TBF feature (Rel-5)	Melco Mobile Communication Europe	Approved
GP-031141	CR 43.064-011 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Postponed
GP-031945	CR 43.064-011 rev 1 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Approved
GP-031371	CR 43.064-012 Removal of PTM-M (Rel-4)	Siemens AG	Postponed
GP-031372	CR 43.064-013 Removal of PTM-M (Rel-5)	Siemens AG	Postponed
GP-031382	CR 43.064-014 Editorial correction of references (Rel-6)	Siemens AG	Approved
GP-031454	CR 43.064-016 Multiple TBFs Stage 2 (Rel 6)	Ericsson	Revised
GP-031595	CR 43.064-016 rev 1 Multiple TBFs Stage 2 (Rel-6)	Ericsson	Postponed
GP-032039	CR 43.064-016 rev 2 Multiple TBFs Stage 2 (Rel-6)	Ericsson	Revised
GP-032202	CR 43.064-016 rev 3 Multiple TBFs Stage 2 (Rel-6)	Ericsson	Revised
GP-032277	CR 43.064-016 rev 4 Multiple TBFs Stage 2 (Rel-6)	Ericsson	Approved
GP-031153	CR 44.003-001 rev 1 Correction of editorial mistake regarding bit rates for SDCCH and SACCH (Rel-6)	Ericsson	Approved
GP-031366	CR 44.003-002 Correction on PNCH for ASCII services (Rel-4)	Siemens AG	Rejected
GP-031367	CR 44.003-003 Correction on PNCH for ASCII services (Rel-5)	Siemens AG	Rejected
GP-031380	CR 44.003-004 Correction on use of the PNCH (Rel-4)	Siemens AG	Postponed
GP-031381	CR 44.003-005 Correction on use of the PNCH (Rel-5)	Siemens AG	Postponed

Tdoc	Title	Source	Status
GP-031568	CR 44.003-006 Correction on PNCH for ASCII services (Rel-6)	Siemens AG	Approved
GP-031539	CR 44.014-004 EGPRS Test loops clarifications (Rel 4)	Motorola	Revised
GP-031666	CR 44.014-004 rev 1 EGPRS Test loops clarifications (Rel-4)	Motorola	Approved
GP-031540	CR 44.014-005 EGPRS Test loops clarifications (Rel 5)	Motorola	Revised
GP-031667	CR 44.014-005 rev 1 EGPRS Test loops clarifications (Rel-5)	Motorola	Approved
GP-031738	CR 44.014-006 Addition of a third connection type for the SIM-Simulator/ME interface (Rel-5)	ORGA Test Systems	Revised
GP-032197	CR 44.014-006 rev 1 Addition of a third connection type for the SIM-Simulator/ME interface (Rel-5)	ORGA Systems	Test Revised
GP-032263	CR 44.014-006 rev 2 Addition of a third connection type for the SIM-Simulator/ME interface (Rel-5)	ORGA Systems	Test Approved
GP-031154	CR 44.018-260 rev 1 Correction of erroneous mathematical expressions (Rel-6)	Ericsson	Approved
GP-031155	CR 44.018-261 Avoid modulo calculations for negative numbers (Rel-6)	Ericsson	Approved
GP-031448	CR 44.018-262 rev 1 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson	Revised
GP-032028	CR 44.018-262 rev 2 - Introduction of limited 'Inter RAT NACC' functionality	Ericsson, Siemens, Vodafone	Revised
GP-031662	CR 44.018-262 rev 2 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson	Postponed
GP-032266	CR 44.018-262 rev 3 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson, Siemens, Vodafone	Revised
GP-032288	CR 44.018-262 rev 4 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson, Siemens, Vodafone	Approved
GP-031156	CR 44.018-263 rev 1 The alignment of CBQ3's coding with 45.008 (Rel-5)	Nokia	Approved
GP-031157	CR 44.018-264 rev 1 The alignment of CBQ3's coding with 45.008 (Rel-6)	Nokia	Approved
GP-031158	CR 44.018-265 Correction of erroneous mathematical expressions (Rel-4)	Ericsson	Approved
GP-031159	CR 44.018-266 Correction of erroneous mathematical expressions (Rel-5)	Ericsson	Approved
GP-031142	CR 44.018-267 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Postponed

Tdoc	Title	Source	Status
GP-031946	CR 44.018-267 rev 1 Removal of the close-ended TBF feature (Rel 5)	Melco Communication Europe	Mobile Revised
GP-032148	CR 44.018-267 rev 2 Removal of the close-ended TBF feature (Rel-5)	Melco Communication Europe	Mobile Revised
GP-032275	CR 44.018-267 rev 3 Removal of the close-ended TBF feature (Rel-5)	Melco Communication Europe	Mobile Approved
GP-031143	CR 44.018-268 Removal of the close-ended TBF feature (Rel 6)	Melco Communication Europe	Mobile Postponed
GP-031947	CR 44.018-268 rev 1 Removal of the close-ended TBF feature (Rel 6)	Melco Communication Europe	Mobile Revised
GP-032149	CR 44.018-268 rev 2 Removal of the close-ended TBF feature (Rel-6)	Melco Communication Europe	Mobile Revised
GP-032276	CR 44.018-268 rev 3 Removal of the close-ended TBF feature (Rel-6)	Melco Communication Europe	Mobile Approved
GP-031368	CR 44.018-269 Editorial corrections for ASCI services (Rel-6)	Siemens AG	Postponed
GP-031996	CR 44.018-269 rev 1 Editorial corrections for ASCI services (Rel-6)	Siemens	Approved
GP-031418	CR 44.018-270 Clarification for Handover to UTRAN completion (Rel 4)	Nokia	Rejected
GP-031419	CR 44.018-271 Clarification for Handover to UTRAN completion (Rel 5)	Nokia	Rejected
GP-031420	CR 44.018-272 Clarification for Handover to UTRAN completion (Rel 6)	Nokia	Revised
GP-031567	CR 44.018-272 rev 1 Clarification for Handover to UTRAN completion (Rel-6)	Nokia	Approved
GP-031858	CR 44.018-273 Enhanced measurement reporting encoding rules (Rel 6)	Siemens, Nokia	Revised
GP-032220	CR 44.018-273 rev 1 Enhanced measurement reporting encoding rules (Rel-6)	Siemens	Approved
GP-032009	CR 44.018-274 Correction of the coding of the CBQ3 parameter (Rel-5)	Nokia	Approved
GP-032010	CR 44.018-275 Correction of the coding of the CBQ3 parameter (Rel-6)	Nokia	Approved

Tdoc	Title	Source	Status
GP-032011	CR 44.018-276 Addition of SI13 alt message in the RR message table (Rel-6)	Nokia	Revised
GP-032143	CR 44.018-276 rev 1 Addition of SI13 alt message in the RR message table (Rel-6)	Nokia	Approved
GP-032094	CR 44.018-277 Clarification on the handling of IMMEDIATE ASSIGNMENT for downlink single block during packet channel access procedure on CCCH. (Rel-6)	STMicroelectronics	Revised
GP-032264	CR 44.018-277 rev 1 Clarification on the handling of IMMEDIATE ASSIGNMENT for downlink single block during packet channel access procedure on CCCH (Rel-6)	STMicroelectronics	Approved
GP-031160	CR 44.031-072 rev 1 Correction of the definition of the Real Time Integrity Field for A-GPS (Rel-6)	Siemens AG	Approved
GP-031274	CR 44.031-073 Correction of RRLP Pseudo-Segmentation Description (Rel 4)	Siemens AG	Postponed
GP-031742	CR 44.031-073 rev 1 Correction of RRLP Pseudo-Segmentation Description (Rel 4)	Siemens AG	Revised
GP-032127	CR 44.031-073 rev 2 Correction of RRLP Pseudo-Segmentation Description (Rel-4)	Siemens AG	Revised
GP-032270	CR 44.031-073 rev 3 Correction of RRLP Pseudo-Segmentation Description (Rel-4)	Siemens AG	Approved
GP-031275	CR 44.031-074 Correction of RRLP Pseudo-Segmentation Description (Rel 5)	Siemens AG	Postponed
GP-031743	CR 44.031-074 rev 1 Correction of RRLP Pseudo-Segmentation Description (Rel 5)	Siemens AG	Revised
GP-032128	CR 44.031-074 rev 2 Correction of RRLP Pseudo-Segmentation Description (Rel-5)	Siemens AG	Revised
GP-032271	CR 44.031-074 rev 3 Correction of RRLP Pseudo-Segmentation Description (Rel-5)	Siemens AG	Approved
GP-031276	CR 44.031-075 Correction of RRLP Pseudo-Segmentation Description (Rel 6)	Siemens AG	Postponed
GP-031744	CR 44.031-075 rev 1 Correction of RRLP Pseudo-Segmentation Description (Rel 6)	Siemens AG	Revised
GP-032129	CR 44.031-075 rev 2 Correction of RRLP Pseudo-Segmentation Description (Rel-6)	Siemens AG	Revised
GP-032272	CR 44.031-075 rev 3 Correction of RRLP Pseudo-Segmentation Description (Rel-6)	Siemens AG	Approved
GP-031104	CR 44.060-376 rev 2 Introduction of multiple TBFs into section 7 for A/Gb mode (Rel-6)	Siemens	Revised

Tdoc	Title	Source	Status
GP-031597	CR 44.060-376 rev 3 Introduction of multiple TBFs into section 7 for A/Gb mode (Rel-6)	Siemens	Postponed
GP-031876	CR 44.060-376 rev 4 Introduction of multiple TBFs into section 7 for A/Gb mode (Rel-6)	Siemens	Revised
GP-032205	CR 44.060-376 rev 5 Introduction of multiple TBFs into section 7 for A/Gb mode (Rel-6)	Siemens	Revised
GP-032278	CR 44.060-376 rev 6 Introduction of multiple TBFs into section 7 for A/Gb mode (Rel-6)	Siemens	Approved
GP-031161	CR 44.060-377 rev 3 Correction of capability to modify the BA(GPRS) list (Rel-5)	Nokia	Approved
GP-031162	CR 44.060-378 rev 3 Correction of capability to modify the BA(GPRS) list (Rel-6)	Nokia	Approved
GP-031421	CR 44.060-379 Correction of SI13Alt PBCCH Location parameter in lu mode only capable cells (Rel-5)	Nokia	Approved
GP-031163	CR 44.060-380 rev 1 Correction of SI13Alt PBCCH Location parameter in lu mode only capable cells (Rel-6)	Nokia	Approved
GP-031164	CR 44.060-381 Correction of timeslot number allocation with power control parameters (Rel-5)	Nokia	Approved
GP-031165	CR 44.060-382 rev 1 Correction of timeslot number allocation with power control parameters (Rel-6)	Nokia	Approved
GP-031166	CR 44.060-383 rev 1 Correction to CSN.1 coding in EGPRS PACKET DOWNLINK ACK/NACK (Rel-5)	Siemens	Approved
GP-031167	CR 44.060-384 rev 1 Correction to CSN.1 coding in EGPRS PACKET DOWNLINK ACK/NACK (Rel-6)	Siemens	Approved
GP-031350	CR 44.060-385 rev 1: Mapping of the PDTCH/D on PCCCH in case EGPRS (Rel 6)	Siemens AG, Ericsson	Revised
GP-031663	CR 44.060-385 rev 2 Mapping of the PDTCH/D on PCCCH in case EGPRS (Rel-6)	Siemens Ericsson	AG, Approved
GP-031523	CR 44.060-386 rev 1 Preservation procedure for realtime bearers in A/Gb mode (Rel5)	Siemens AG	Postponed
GP-031839	CR 44.060-386 rev 2 Preservation procedure for realtime bearers in A/Gb mode (Rel5)	Siemens AG	Postponed
GP-031168	CR 44.060-388 CSN.1 coding amendment to MULTIPLE TBF DOWNLINK ASSIGNMENT and MULTIPLE TBF UPLINK ASSIGNMENT messages (Rel-5)	Siemens	Approved
GP-031169	CR 44.060-389 CSN.1 coding amendment to MULTIPLE TBF DOWNLINK ASSIGNMENT and MULTIPLE TBF UPLINK ASSIGNMENT messages (Rel-6)	Siemens	Approved

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GP-031144	CR 44.060-391 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Postponed
GP-031948	CR 44.060-391 rev 1 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Revised
GP-032150	CR 44.060-391 rev 2 Removal of the close-ended TBF feature (Rel-5)	Melco Mobile Communication Europe	Revised
GP-032273	CR 44.060-391 rev 3 Removal of the close-ended TBF feature (Rel-5)	Melco Mobile Communication Europe	Approved
GP-031145	CR 44.060-392 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Postponed
GP-031949	CR 44.060-392 rev 1 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Revised
GP-032192	CR 44.060-392 rev 2 Removal of the close-ended TBF feature (Rel-6)	Melco Mobile Communication Europe	Revised
GP-032274	CR 44.060-392 rev 3 Removal of the close-ended TBF feature (Rel-6)	Melco Mobile Communication Europe	Approved
GP-031105	CR 44.060-393 Introduction of multiple TBFs into section 11 for A/Gb mode (Rel-6)	Siemens	Revised
GP-031599	CR 44.060-393 rev 1 Introduction of multiple TBFs into section 11 for A/Gb mode (Rel-6)	Siemens AG	Postponed
GP-031877	CR 44.060-393 rev 1 Introduction of multiple TBFs into section 11 for A/Gb mode (Rel-6)	Siemens	Revised
GP-032208	CR 44.060-393 rev 2 Introduction of multiple TBFs into section 11 for A/Gb mode (Rel-6)	Siemens	Revised
GP-032279	CR 44.060-393 rev 3 Introduction of multiple TBFs into section 11 for A/Gb mode (Rel-6)	Siemens	Approved
GP-031106	CR 44.060-394 Introduction of multiple TBFs into section 12 for A/Gb mode (Rel-6)	Siemens	Postponed
GP-031878	CR 44.060-394 rev 1 Introduction of multiple TBFs into section 12 for A/Gb mode (Rel-6)	Siemens	Approved
GP-031395	CR 44.060-395 "Other" cells to report in PCCN (Rel 6)	Ericsson	Approved

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GP-031396	CR 44.060-396 Priority between PCCN and Packet Downlink Ack/Nack message (Rel 6)	Ericsson	Revised
GP-031664	CR 44.060-396 rev 1 Priority between PCCN and Packet Downlink Ack/Nack message (Rel-6)	Ericsson	Approved
GP-031422	CR 44.060-397 Retransmission order of NACKED and PENDING-ACK blocks after reception of ACK/NACK message (Rel 6)	Motorola	Withdrawn
GP-031423	CR 44.060-398 Transmission of pre-scheduled RLC data blocks after reception of ACK/NACK message (Rel 6)	Motorola	Withdrawn
GP-031424	CR 44.060-399 Synchronization of GPRS and EGPRS requirements for ACK/NACK generation (Rel 6)	Motorola	Revised
GP-031659	CR 44.060-399 rev 1 Synchronization of GPRS and EGPRS requirements for ACK/NACK generation (Rel-6)	Motorola	Postponed
GP-031452	CR 44.060-400 CR to Clauses 1 - 6 of 44.060 for Multiple TBF Support (Rel 6)	Ericsson	Revised
GP-031596	CR 44.060-400 rev 1 Multiple TBFs Ch 1-6 (Rel 6)	Ericsson	Postponed
GP-032035	CR 44.060-400 rev 2 Multiple TBFs Ch 1-6 (Rel 6)	Ericsson	Revised
GP-032203	CR 44.060-400 rev 3 Multiple TBFs Ch 1-6 (Rel-6)	Ericsson	Approved
GP-031453	CR 44.060-401 Multiple TBFs Ch 8-10, 13 (Rel 6)	Ericsson	Postponed
GP-031351	CR 44.060-402 Alignment of T3174 and T3176 descriptions with new procedure text (Rel 6)	Ericsson	Postponed
GP-031963	CR 44.060-402 rev 1 Alignment of T3174 and T3176 descriptions with new procedure text	Ericsson	Approved
GP-031358	CR 44.060-403 Clarification of the Extended Dynamic Allocation (Rel 4)	Ericsson	Revised
GP-031581	CR 44.060-403 rev 1 Clarification of the Extended Dynamic Allocation (Rel-4)	Ericsson	Approved
GP-031359	CR 44.060-404 Clarification of the Extended Dynamic Allocation (Rel 5)	Ericsson	Revised
GP-031582	CR 44.060-404 rev 1 Clarification of the Extended Dynamic Allocation (Rel-5)	Ericsson	Approved
GP-031360	CR 44.060-405 Clarification of the Extended Dynamic Allocation (Rel 6)	Ericsson	Revised
GP-031583	CR 44.060-405 rev 1 Clarification of the Extended Dynamic Allocation (Rel-6)	Ericsson	Approved
GP-031321	CR 44.060-406 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 5)	Panasonic	Revised

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GP-031600	CR 44.060-406 rev 1 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-5)	Panasonic	Postponed
GP-032064	CR 44.060-406 rev 2 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 5)	Panasonic	Revised
GP-032195	CR 44.060-406 rev 3 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-5)	Panasonic	Approved
GP-031322	CR 44.060-407 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 6)	Panasonic	Revised
GP-031656	CR 44.060-407 rev 1 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-6)	Panasonic	Postponed
GP-032065	CR 44.060-407 rev 2 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 6)	Panasonic	Revised
GP-032196	CR 44.060-407 rev 3 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-6)	Panasonic	Approved
GP-031447	CR 44.060-408 PCCN towards UTRAN CR to 44.060 (Rel 6)	Ericsson	Revised
GP-032027	CR 44.060-408 rev 1 - Introduction of limited 'Inter RAT NACC' functionality	Ericsson, Siemens, Vodafone	Revised
GP-031661	CR 44.060-408 rev 1 PCCN towards UTRAN CR to 44.060 (Rel-6)	Ericsson	Postponed
GP-032265	CR 44.060-408 rev 2 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson, Siemens, Vodafone	Revised
GP-032287	CR 44.060-408 rev 3 Introduction of limited 'Inter RAT NACC' functionality (Rel-6)	Ericsson, Siemens, Vodafone	Approved
GP-031529	CR 44.060-409 Preservation procedure for realtime bearers in A/Gb mode (Rel6)	Siemens AG	Postponed
GP-031840	CR 44.060-409 rev 1 Preservation procedure for realtime bearers in A/Gb mode (Rel6)	Siemens AG	Postponed
GP-031530	CR 44.060-410 USF Allocation at DBPSCH Assignment (Rel 5)	Nokia	Approved
GP-031545	CR 44.060-411 USF Allocation at DBPSCH Assignment (Rel 6)	Nokia	Approved
GP-031707	CR 44.060-412 Change of DTM core capability (Rel 4)	Nokia	Revised
GP-031672	CR 44.060-412 rev 1 Change of DTM core capability (Rel-4)	Nokia	Postponed
GP-031777	CR 44.060-412 rev 2 Change of DTM core capability (Rel-4)	Nokia, Ericsson	Revised
GP-032135	CR 44.060-412 rev 3 Change of DTM core capability (Rel-4)	Nokia, Ericsson	Approved
GP-031708	CR 44.060-413 Change of DTM core capability (Rel 5)	Nokia	Revised

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GP-031673	CR 44.060-413 rev 1 Change of DTM core capability (Rel-5)	Nokia	Postponed
GP-031778	CR 44.060-413 rev 2 Change of DTM core capability (Rel-5)	Nokia, Ericsson	Revised
GP-032136	CR 44.060-413 rev 3 Change of DTM core capability (Rel-5)	Nokia, Ericsson	Approved
GP-031709	CR 44.060-414 Change of DTM core capability (Rel 6)	Nokia	Revised
GP-031674	CR 44.060-414 rev 1 Change of DTM core capability (Rel-6)	Nokia	Postponed
GP-031779	CR 44.060-414 rev 2 Change of DTM core capability (Rel-6)	Nokia, Ericsson	Revised
GP-032137	CR 44.060-414 rev 3 Change of DTM core capability (Rel-6)	Nokia, Ericsson	Approved
GP-031837	CR 44.060-415 Priority of the Packet Downlink Ack/Nack message (Rel-6)	Siemens AG	Revised
GP-032218	CR 44.060-415 rev 1 Priority of the Packet Downlink Ack/Nack Message (Rel-6)	Siemens AG	Revised
GP-032294	CR 44.060-415 rev 2 Priority of the Packet Downlink Ack/Nack Message (Rel-6)	Nortel Networks, Siemens AG	Approved
GP-031842	CR 44.060-417 Order of frequency bands in MS Radio Access Capability IE (Rel-4)	Siemens AG	Rejected
GP-031843	CR 44.060-418 Order of frequency bands in MS Radio Access Capability IE (Rel-5)	Siemens AG	Rejected
GP-031844	CR 44.060-419 Order of frequency bands in MS Radio Access Capability IE (Rel-6)	Siemens AG	Revised
GP-032138	CR 44.060-419 rev 1 Order of frequency bands in MS Radio Access Capability IE (Rel-6)	Siemens AG	Revised
GP-032267	CR 44.060-419 rev 2 Order of frequency bands in MS Radio Access Capability IE (Rel-6)	Siemens AG	Approved
GP-031737	CR 44.060-420 Synchronization of GPRS and EGPRS requirements for ACK/NACK generation (Rel 6)	Motorola	Withdrawn
GP-031859	CR 44.060-421 Enhanced measurement reporting encoding rules (Rel 6)	Siemens, Nokia	Revised
GP-032261	CR 44.060-421 rev 1 Enhanced measurement reporting encoding rules (Rel-6)	Siemens	Approved
GP-032000	CR 44.060-422 Missing timeslot number in downlink ack/nack messages (SBPSCH)	Nokia	Revised
GP-032144	CR 44.060-422 rev 1 Missing timeslot number in downlink ack/nack messages (SBPSCH) (Rel-5)	Nokia	Approved
GP-032001	CR 44.060-423 Missing timeslot number in downlink ack/nack messages (SBPSCH)	Nokia	Revised

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GP-032145	CR 44.060-423 rev 1 Missing timeslot number in downlink ack/nack messages (SBPSCH) (Rel-6)	Nokia	Approved
GP-032036	CR 44.060-424 Multiple TBFs Ch 8 (Rel 6)	Ericsson	Revised
GP-032206	CR 44.060-424 rev 1 Multiple TBFs Ch 8 (Rel-6)	Ericsson	Revised
GP-032258	CR 44.060-424 rev 2 Multiple TBFs Ch 8 (Rel-6)	Ericsson	Approved
GP-032037	CR 44.060-425 Multiple TBFs Ch 9 (Rel 6)	Ericsson	Revised
GP-032207	CR 44.060-425 rev 1 Multiple TBFs Ch 9 (Rel-6)	Ericsson	Approved
GP-032038	CR 44.060-426 Multiple TBFs Ch 13 (Rel 6)	Ericsson	Revised
GP-032211	CR 44.060-426 rev 1 Multiple TBFs Ch 13 (Rel-6)	Ericsson	Revised
GP-032280	CR 44.060-426 rev 2 Multiple TBFs Ch 13 (Rel-6)	Ericsson	Approved
GP-032082	CR 44.060-427 Correction of the Power Reduction (PR) field encoding (Rel-4)	Alcatel	Approved
GP-032083	CR 44.060-428 Correction of the Power Reduction (PR) field encoding (Rel-5)	Alcatel	Approved
GP-032084	CR 44.060-429 Correction of the Power Reduction (PR) field encoding (Rel-6)	Alcatel	Approved
GP-032209	CR 44.060-430 Brackets in Packet Access Reject (Rel-5)	Nokia	Approved
GP-032210	CR 44.060-431 Brackets in Packet Access Reject (Rel-6)	Nokia	Approved
GP-031170	CR 44.118-049 rev 1 Correction to paging procedures (Rel-5)	Nokia	Approved
GP-031171	CR 44.118-050 rev 1 Update of Start values in USIM on inter-mode transitions and transitions to idle mode-alignment UTRAN-GERAN procedures (Rel-5)	Nokia	Approved
GP-031172	CR 44.118-051 rev 2 Correction on RRC integrity protection procedure-alignment UTRAN-GERAN procedures (Rel-5)	Nokia	Approved
GP-031173	CR 44.118-052 rev 1 Corrections to timers T300, T302, T308 and T304 (Rel-5)	Nokia	Revised
GP-031551	CR 44.118-052 rev 2 Corrections to timers T300, T302, T308 and T304	Nokia	Approved
GP-031174	CR 44.118-053 rev 2 NAS and Integrity procedure interaction-alignment UTRAN-GERAN procedure (Rel-5)	Nokia	Approved
GP-031175	CR 44.118-054 rev 1 Corrections to measurement report messages and SI messages in GERAN lu mode (Rel-5)	Nokia	Approved
GP-031437	CR 44.118-055 Security actions when SIM is present on RRC Connection Request: UTRAN-GERAN alignment (Rel 5)	Nokia	Approved

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GP-031438	CR 44.118-056 START values on the inter-mode handover:[security procedures UTRAN-GERAN alignment] (Rel 5)	Nokia	Revised
GP-031586	CR 44.118-056 rev 1 START values on the inter-mode handover:[security procedures UTRAN-GERAN alignment] (Rel-5)	Nokia	Approved
GP-031439	CR 44.118-057 Corrections to security procedures in case of pending security configurations at SBSS Relocation: UTRAN – GERAN alignment (Rel 5)	Nokia	Revised
GP-031587	CR 44.118-057 rev 1 Corrections to security procedures in case of pending security configurations at SBSS Relocation: UTRAN - GERAN alignment (Rel-5)	Nokia	Approved
GP-031440	CR 44.118-058 ROHC profile signalling:UTRAN-GERAN alignment (Rel 5)	Nokia	Revised
GP-031588	CR 44.118-058 rev 1 ROHC profile signalling:UTRAN-GERAN alignment (Rel-5)	Nokia	Approved
GP-031441	CR 44.118-059 Stopping of RLC entities at relocation: UTRAN-GERAN alignment (Rel 5)	Nokia	Approved
GP-031443	CR 44.118-060 Essential Corrections to RRC Connection Establishment Procedure (Rel 5)	Nokia	Revised
GP-031584	CR 44.118-060 rev 1 Essential Corrections to RRC Connection Establishment Procedure (Rel-5)	Nokia	Approved
GP-031550	Cr 44.118-061 Corrections to timers and counters	Nokia	Revised
GP-031585	CR 44.118-061 rev 1 Corrections to timers and counters (Rel-5)	Nokia	Approved
GP-032002	CR 44.118-062 Missing layer 1 criterion for radio link failure	Nokia	Approved
GP-031176	CR 44.160-056 rev 2 Maximum TBF capacity (Rel-5)	Nokia	Approved
GP-031177	CR 44.160-060 rev 1 Retransmission of lu mode channel request description during a DL TBF (Rel-5)	Nokia	Approved
GP-031178	CR 44.160-061 Misc changes postponed to Rel-6 (Rel-6)	Nokia	Approved
GP-031146	CR 44.160-062 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Postponed
GP-031950	CR 44.160-062 rev 1 Removal of the close-ended TBF feature (Rel 5)	Melco Mobile Communication Europe	Revised
GP-032193	CR 44.160-062 rev 2 Removal of the close-ended TBF feature (Rel-5)	Melco Mobile Communication Europe	Approved

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GP-031531	CR 44.160-063 Transfer of RLC/MAC blocks on PDTCH+PACCH in DBPSCH configuration (Rel 5)	Nokia	Revised
GP-031589	CR 44.160-063 rev 1 Transfer of RLC/MAC blocks on PDTCH+PACCH in DBPSCH configuration (Rel-5)	Nokia	Revised
GP-031675	CR 44.160-063 rev 2 Transfer of RLC/MAC blocks on PDTCH+PACCH in DBPSCH configuration (Rel-5)	Nokia	Approved
GP-031532	CR 44.160-064 Timer T3200 on DBPSCH (Rel 5)	Nokia	Approved
GP-031147	CR 44.160-065 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Withdrawn
GP-031594	CR 44.160-066 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-5)	Panasonic	Postponed
GP-032066	CR 44.160-066 rev 1 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 5)	Panasonic	Approved
GP-031951	CR 44.160-067 Removal of the close-ended TBF feature (Rel 6)	Melco Mobile Communication Europe	Revised
GP-032194	CR 44.160-067 rev 1 Removal of the close-ended TBF feature (Rel-6)	Melco Mobile Communication Europe	Approved
GP-032040	CR 44.160-068 Improvements to Extended Dynamic Allocation for high multislot classes (Rel-6)	Panasonic	Approved
GP-031838	CR 44.160-069 Priority of the Packet Downlink Ack/Nack message (Rel-6)	Siemens AG	Revised
GP-032219	CR 44.160-069 rev 1 Priority of the Packet Downlink Ack/Nack Message (Rel-6)	Siemens AG	Approved
GP-032003	CR 44.160-070 Missing layer 1 criterion for radio link failure (Rel 5)	Nokia	Approved
GP-032004	CR 44.160-071 Missing layer 1 criterion for radio link failure (Rel-6)	Nokia	Approved
GP-032146	CR 44.160-072 Clarification to timeslot number for MTBF in lu mode (Rel-6)	Nokia	Approved
GP-031428	CR 45.001-024 Flexible Layer One (Rel-6)	Nokia	Postponed
GP-032015	CR 45.001-024 rev 1 Flexible Layer One (Rel-6)	Nokia	Postponed
GP-031323	CR 45.002-076 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 5)	Panasonic	Postponed
GP-031905	CR 45.002-076 rev 1 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 5)	Panasonic	Approved

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GP-031324	CR 45.002-077 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 6)(WG1)	Panasonic	Postponed
GP-031906	CR 45.002-077 rev 1 Improvements to Extended Dynamic Allocation for high multislot classes (Rel 6)	Panasonic	Approved
GP-031349	CR 45.002-078 Mapping of the PDTCH/D on PCCCH in case EGPRS (Rel 6)	Ericsson	Revised
GP-031642	CR 45.002-078 rev 1 Mapping of the PDTCH/D on PCCCH in case EGPRS (Rel 6)	Ericsson	Approved
GP-031354	CR 45.002-079 Clarification of the Extended Dynamic Allocation (Rel 4)	Ericsson	Revised
GP-031577	CR 45.002-079 rev 1 Clarification of the Extended Dynamic Allocation	Ericsson	Revised
GP-031711	CR 45.002-079 rev 2 Clarification of the Extended Dynamic Allocation	Ericsson	Approved
GP-031355	CR 45.002-080 Clarification of the Extended Dynamic Allocation (Rel 5)	Ericsson	Revised
GP-031578	CR 45.002-080 rev 1 Clarification of the Extended Dynamic Allocation	Ericsson	Revised
GP-031712	CR 45.002-080 rev 2 Clarification of the Extended Dynamic Allocation	Ericsson	Approved
GP-031356	CR 45.002-081 Clarification of the Extended Dynamic Allocation (Rel 6)	Ericsson	Revised
GP-031579	CR 45.002-081 rev 1 Clarification of the Extended Dynamic Allocation	Ericsson	Revised
GP-031713	CR 45.002-081 rev 2 Clarification of the Extended Dynamic Allocation	Ericsson	Approved
GP-031374	CR 45.002-082 Removal of PTM-M (Rel-4)	Siemens AG	Postponed
GP-031375	CR 45.002-083 Removal of PTM-M (Rel-5)	Siemens AG	Postponed
GP-031426	CR 45.003-025 Correction of SACCH/TP (Rel-5)	Nokia	Approved
GP-031429	CR 45.003-026 Coding/Multiplexing unit for the Flexible Layer One (Rel-6)	Nokia	Postponed
GP-032016	CR 45.003-026 rev 1 Coding/Multiplexing unit for the Flexible Layer One (Rel-6)	Nokia	Postponed
GP-031543	CR 45.003-027 Correction of reordering of bits for O-FACCH/H (Rel-5)	Ericsson, Philips	Approved
GP-031995	CR 45.003-028 Correction of parameters for TCH/FS (Rel-6)	Siemens	Approved

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GP-031201	CR 45.005-075 Correction of BTS receiver sensitivity requirements for AMR HR under static conditions (Rel-4)	Ericsson	Approved
GP-032019	CR 45.005-187 Introduction of mobile station multislot power classes (Rel 4)	Ericsson, Nokia	Revised
GP-032098	CR 45.005-187 rev 1 Introduction of mobile station multislot power classes (Rel 4)	Ericsson, Nokia	Approved
GP-032020	CR 45.005-188 Introduction of mobile station multislot power classes (Rel 5)	Ericsson, Nokia	Revised
GP-032231	CR 45.005-188 rev 1 Introduction of mobile station multislot power classes (Rel 5)	Ericsson, Nokia	Approved
GP-032021	CR 45.005-189 Introduction of mobile station multislot power classes (Rel 6)	Ericsson, Nokia	Revised
GP-032232	CR 45.005-189 rev 1 Introduction of mobile station multislot power classes (Rel 6)	Ericsson, Nokia	Approved
GP-031197	CR 45.008-159 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-4)	Ericsson	Withdrawn
GP-031198	CR 45.008-160 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-5)	Ericsson	Withdrawn
GP-031199	CR 45.008-161 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-6)	Ericsson	Withdrawn
GP-031377	CR 45.008-164 Removal of reference to PTM services (Rel-4)	Siemens AG	Postponed
GP-031378	CR 45.008-165 Removal of reference to PTM services (Rel-5)	Siemens AG	Postponed
GP-031526	CR 45.008-166 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-4)	Siemens AG	Revised
GP-031645	CR 45.008-166 rev 1 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-4)	Siemens AG	Revised
GP-031720	CR 45.008-166 rev 2 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-4)	Siemens AG	Approved
GP-031527	CR 45.008-167 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-5)	Siemens AG	Revised
GP-031646	CR 45.008-167 rev 1 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-5)	Siemens AG	Revised
GP-031721	CR 45.008-167 rev 2 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-5)	Siemens AG	Approved
GP-031528	CR 45.008-168 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-6)	Siemens AG	Revised

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GP-031647	CR 45.008-168 rev 1 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-6)	Siemens AG	Revised
GP-031722	CR 45.008-168 rev 2 Missing Test Measurement Parameters for UTRAN TDD Cell Access (Rel-6)	Siemens AG	Approved
GP-031546	CR 45.008-169 Correction on Cell re-selection parameter acquisition for additional neighbour cells (Rel-6)	STMicroelectronics	Revised
GP-031643	CR 45.008-169 rev 1 Correction on Cell re-selection parameter acquisition for additional neighbour cells (Rel-6)	STMicroelectronics	Approved
GP-031649	CR 45.008-170 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-4)	Nokia	Postponed
GP-032071	CR 45.008-170 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-4)	Nokia, Ericsson	Revised
GP-032226	CR 45.008-170 rev 2 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-4)	Nokia, Ericsson	Approved
GP-031650	CR 45.008-171 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-5)	Nokia	Postponed
GP-032072	CR 45.008-171 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-5)	Nokia, Ericsson	Revised
GP-032227	CR 45.008-171 rev 2 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-5)	Nokia, Ericsson	Approved
GP-031651	CR 45.008-172 Modification of accuracy requirements for MEAN_BEP for EGPRS (REL-6)	Nokia	Postponed
GP-032073	CR 45.008-172 rev 1 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-6)	Nokia, Ericsson	Revised
GP-032228	CR 45.008-172 rev 2 Modification of accuracy requirements for MEAN_BEP for EGPRS (Rel-6)	Nokia, Ericsson	Approved
GP-031703	CR 45.008-173 Correction on DTM power control (Rel 4)	Nokia	Postponed
GP-031781	CR 45.008-173 rev 1 Correction on DTM power control (Rel-4)	Nokia, Ericsson	Approved
GP-031704	CR 45.008-174 Correction on DTM power control (Rel 5)	Nokia	Postponed
GP-031782	CR 45.008-174 rev 1 Correction on DTM power control (Rel-5)	Nokia, Ericsson	Approved
GP-031705	CR 45.008-175 Correction on DTM power control (Rel 6)	Nokia	Postponed
GP-031783	CR 45.008-175 rev 1 Correction on DTM power control (Rel-6)	Nokia, Ericsson	Approved
GP-031909	CR 45.008-176 Clarification of measurement reporting time for UTRAN cells (Rel 5)	Panasonic	Revised
GP-032118	CR 45.008-176 rev 1 Clarification of measurement reporting time for UTRAN cells (Rel 5)	Panasonic	Rejected

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GP-031910	CR 45.008-177 Clarification of measurement reporting time for UTRAN cells (Rel 6)	Panasonic	Revised
GP-032119	CR 45.008-177 rev 1 Clarification of measurement reporting time for UTRAN cells (Rel 6)	Panasonic	Rejected
GP-031924	CR 45.008-178 Update on radio sub-system link control parameters (Rel 6)	Nokia	Approved
GP-031925	CR 45.008-179 MS power control for packet channels in case of DTM and no valid C value (Rel 6)	Nokia	Approved
GP-031971	CR 45.008-180 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 6)	Ericsson	Revised
GP-032184	CR 45.008-180 rev 1 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 6)	Ericsson	Approved
GP-031985	CR 45.008-181 Correction for identification of TDD cells (Rel-4)	Siemens, Nokia	Approved
GP-031986	CR 45.008-182 Correction for identification of TDD cells (Rel-5)	Siemens, Nokia	Approved
GP-031987	CR 45.008-183 Correction for identification of TDD cells (Rel-6)	Siemens, Nokia	Approved
GP-032005	CR 45.008-184 Correction to layer 1 criterion for radio link failure (Rel 5)	Nokia	Revised
GP-032229	CR 45.008-184 rev 1 Correction to layer 1 criterion for radio link failure (Rel 5)	Nokia	Approved
GP-032012	CR 45.008-185 Correction to the possibility to test lu mode capability (Rel-5)	Nokia	Approved
GP-032013	CR 45.008-186 Correction to the possibility to test lu mode capability (Rel-6)	Nokia	Approved
GP-032103	CR 45.008-190 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 4)	Ericsson	Revised
GP-032182	CR 45.008-190 rev 1 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 4)	Ericsson	Approved
GP-032104	CR 45.008-191 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 5)	Ericsson	Revised
GP-032183	CR 45.008-191 rev 1 Clarification to Extended Dynamic Allocation for high multislot classes (Rel 5)	Ericsson	Approved
GP-032113	CR 45.008-192 Correction of insufficient range of the FDD_Qmin parameter (Rel 4)	Vodafone	Revised
GP-032222	CR 45.008-192 rev 1 Correction of insufficient range of the FDD_Qmin parameter (Rel 4)	Vodafone	Approved

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GP-032114	CR 45.008-193 Correction of insufficient range of the FDD_Qmin parameter (Rel 5)	Vodafone	Revised
GP-032223	CR 45.008-193 rev 1 Correction of insufficient range of the FDD_Qmin parameter (Rel 5)	Vodafone	Approved
GP-032115	CR 45.008-194 Correction of insufficient range of the FDD_Qmin parameter (Rel 6)	Vodafone	Revised
GP-032224	CR 45.008-194 rev 1 Correction of insufficient range of the FDD_Qmin parameter (Rel 6)	Vodafone	Approved
GP-032230	CR 45.008-195 Correction to layer 1 criterion for radio link failure (Rel 6)	Nokia	Approved
GP-031385	CR 45.010-017 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-4)	Siemens AG	Rejected
GP-031386	CR 45.010-018 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-5)	Siemens AG	Rejected
GP-031387	CR 45.010-019 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-6)	Siemens AG	Rejected
GP-031547	CR 45.010-020 Clarification on USF decoding reaction time on reception of a new assignment (Rel 6)	STMicroelectronics	Approved
GP-031907	CR 45.010-021 Clarification of reaction times for Extended Dynamic Allocation and Shifted USF operation (Rel 5)	Panasonic	Revised
GP-032116	CR 45.010-021 rev 1 Clarification of reaction times for Extended Dynamic Allocation and Shifted USF operation (Rel 5)	Panasonic, Nortel Networks	Approved
GP-031908	CR 45.010-022 Clarification of reaction times for Extended Dynamic Allocation and Shifted USF operation (Rel 6)	Panasonic	Revised
GP-032117	CR 45.010-022 rev 1 Clarification of reaction times for Extended Dynamic Allocation and Shifted USF operation (Rel 6)	Panasonic, Nortel Networks	Approved
GP-031980	CR 45.010-023 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-4)	Siemens	Revised
GP-032189	CR 45.010-023 rev 1 Correction of definition of "ready to transmit" (Rel-4)	Siemens	Revised
GP-032282	CR 45.010-023 rev 2 Correction of definition of "ready to transmit" (Rel-4)	Siemens	Approved
GP-031981	CR 45.010-024 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-5)	Siemens	Revised
GP-032190	CR 45.010-024 rev 1 Correction of definition of "ready to transmit" (Rel-5)	Siemens	Revised

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GP-032283	CR 45.010-024 rev 2 Correction of definition of "ready to transmit" (Rel-5)	Siemens	Approved
GP-031982	CR 45.010-025 Correction of definition of "ready to transmit" for inter-RAT handover (Rel-6)	Siemens	Revised
GP-032191	CR 45.010-025 rev 1 Correction of definition of "ready to transmit" (Rel-6)	Siemens	Revised
GP-032284	CR 45.010-025 rev 2 Correction of definition of "ready to transmit" (Rel-6)	Siemens	Approved
GP-032045	CR 45.010-026 MS reaction time upon reception of assignment message on CCCH (Rel 4)	Nortel Melco	Networks, Rejected
GP-032046	CR 45.010-027 MS reaction time upon reception of assignment message on CCCH (Rel 5)	Nortel Melco	Networks, Revised
GP-032185	CR 45.010-027 rev 1 MS reaction time upon reception of assignment message on CCCH (Rel 5)	Nortel Melco	Networks, Approved
GP-032047	CR 45.010-028 MS reaction time upon reception of assignment message on CCCH (Rel 6)	Nortel Melco	Networks, Revised
GP-032186	CR 45.010-028 rev 1 MS reaction time upon reception of assignment message on CCCH (Rel 6)	Nortel Melco	Networks, Approved
GP-031388	CR 45.902-001 TFC selection in the uplink (Rel-6)	Siemens AG	Revised
GP-031652	CR 45.902-001 rev 1 TFC selection in the uplink (Rel-6)	Siemens AG	Approved
GP-031427	CR 45.902-002 Miscellaneous Clarifications & Corrections (Rel-6)	Nokia	Revised
GP-031653	CR 45.902-002 rev 1 Miscellaneous Clarifications & Corrections (Rel-6)	Nokia	Approved
GP-031534	CR 45.902-003 Block Sequence Number for RLC acknowledged mode (Rel 6)	Nokia	Postponed
GP-031542	CR 45.902-004 Ciphering and placeholders for Gb mode (Rel-6)	Ericsson, Siemens	Approved
GP-031552	CR 45.902-005 Miscellaneous corrections (Rel-6)	Ericsson, Siemens	Approved
GP-031560	CR 45.902-006 Modulation parameter for TFCs	Siemens AG	Postponed
GP-031988	CR 45.902-006 rev 1 Modulation parameter for TFCs (Rel-6)	Siemens	Revised
GP-032235	CR 45.902-006 rev 2 Modulation parameter for TFCs (Rel-6)	Siemens	Approved
GP-031990	CR 45.902-007 Multiple transport blocks per transport channel per TTI (Rel-6)	Siemens	Rejected
GP-031992	CR 45.902-008 Architecture principles for FLO (Rel-6)	Siemens	Withdrawn

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GP-032017	CR 45.902-009 Bit Swapping for the TFCI (Rel-6)	Nokia	Approved
GP-031179	CR 48.008-067 rev 2 Changes for 'early UE' handling (Rel-5)	Vodafone	Revised
GP-031574	CR 48.008-067 rev 3 Changes for 'early UE' handling (Rel-5)	Vodafone	Approved
GP-031180	CR 48.008-068 rev 2 Changes for 'early UE' handling (Rel-6)	Vodafone	Revised
GP-031575	CR 48.008-068 rev 3 Changes for 'early UE' handling (Rel-6)	Vodafone	Approved
GP-031404	CR 48.008-069 rev 1 Early UE handling: distribution of the UESBI to the BSC (Rel-5)	Vodafone	Revised
GP-031590	CR 48.008-069 rev 2 Early UE handling: distribution of the UESBI to the BSC (Rel-5)	Vodafone	Rejected
GP-031405	CR 48.008-070 rev 1 Early UE handling: distribution of the UESBI to the BSC (Rel-6)	Vodafone	Revised
GP-031591	CR 48.008-070 rev 2 Early UE handling: distribution of the UESBI to the BSC (Rel-6)	Vodafone	Rejected
GP-031283	CR 48.008-071 Coding correction of RXLEV_NCELL in Target Cell Radio Info IE (Rel 4)	T-Mobile	Approved
GP-031284	CR 48.008-072 Coding correction of RXLEV_NCELL in Target Cell Radio Info IE (Rel 5)	T-Mobile	Approved
GP-031285	CR 48.008-073 Coding correction of RXLEV_NCELL in Target Cell Radio Info IE (Rel 6)	T-Mobile	Approved
GP-031315	CR 48.008-074 Circuit pool correction for OHR AMR and OHR AMR WB codecs (Rel-5)	Nokia	Approved
GP-031316	CR 48.008-075 Circuit pool correction for OHR AMR and OHR AMR WB codecs (Rel-6)	Nokia	Approved
GP-031511	CR 48.008-076 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel 4)	Nortel Networks	Revised
GP-031571	CR 48.008-076 rev 1 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel-4)	Nortel Networks	Approved
GP-031512	CR 48.008-077 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel 5)	Nortel Networks	Revised
GP-031572	CR 48.008-077 rev 1 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel-5)	Nortel Networks	Approved
GP-031513	CR 48.008-078 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel 6)	Nortel Networks	Revised
GP-031573	CR 48.008-078 rev 1 Correction to HANDOVER REQUIRED REJECT handling for inter-system handover (Rel-6)	Nortel Networks	Approved

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GP-031927	CR 48.008-079 Correction of uplink release management (REL-4)	Siemens AG	Revised
GP-032140	CR 48.008-079 rev 1 Correction of uplink release management (Rel-4)	Siemens AG	Approved
GP-031928	CR 48.008-080 Correction of uplink release management (REL-5)	Siemens AG	Revised
GP-032141	CR 48.008-080 rev 1 Correction of uplink release management (Rel-5)	Siemens AG	Approved
GP-031929	CR 48.008-081 Correction of uplink release management (REL-6)	Siemens AG	Revised
GP-032142	CR 48.008-081 rev 1 Correction of uplink release management (Rel-6)	Siemens AG	Approved
GP-031934	CR 48.008-082 Backwards incompatibility of circuit pools 23 and 24 (REL-5)	Siemens AG	Revised
GP-032199	CR 48.008-082 rev 1 Backwards incompatibility of circuit pools 23 and 24 (Rel-5)	Siemens AG	Approved
GP-031933	CR 48.008-083 Backwards incompatibility of circuit pools 23 and 24 (REL-6)	Siemens AG	Revised
GP-032200	CR 48.008-083 rev 1 Backwards incompatibility of circuit pools 23 and 24 (Rel-6)	Siemens AG	Approved
GP-031444	CR 48.016-008 Clarification of Gb over IP and SGSN in pool (Rel 5)	Ericsson	Revised
GP-031592	CR 48.016-008 rev 1 Clarification of Gb over IP and SGSN in pool (Rel-5)	Ericsson	Approved
GP-031593	CR 48.016-009 Clarification of NSEI end-to-end significance (Rel-5)	Ericsson	Revised
GP-031677	CR 48.016-009 rev 1 Clarification of NSEI end-to-end significance (Rel-5)	Ericsson	Revised
GP-031685	CR 48.016-009 rev 2 Clarification of NSEI end-to-end significance (Rel-5)	Ericsson	Approved
GP-031676	CR 48.016-010 Clarification of NSEI end-to-end significance (Rel-4)	Ericsson	Revised
GP-031684	CR 48.016-010 rev 1 Clarification of NSEI end-to-end significance (Rel-4)	Ericsson	Approved
GP-032086	CR 48.018-083 rev 1 Correction to the handling of unsuccessful PFC transfer procedure upon cell change (Rel-4)	Alcatel, T-Mobile	Withdrawn
GP-031181	CR 48.018-083 rev 2 Introduction of 'End Indication' for RAN Information multiple reports (Rel-5)	Siemens	Approved

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GP-032087	CR 48.018-084 rev 1 Correction to the handling of unsuccessful PFC transfer procedure upon cell change (Rel-5)	Alcatel, T-Mobile	Withdrawn
GP-031182	CR 48.018-084 rev 2 Introduction of 'End Indication' for RAN Information multiple reports (Rel-6)	Siemens	Approved
GP-032088	CR 48.018-085 rev 1 Correction to the handling of unsuccessful PFC transfer procedure upon cell change (Rel-6)	Alcatel, T-Mobile	Withdrawn
GP-031446	CR 48.018-086 rev 1 Introduction of Suspend functionality to reduce packet loss at cell (Rel-6)	Ericsson	Revised
GP-031660	CR 48.018-086 rev 2 Introduction of Suspend functionality to reduce packet loss at cell change (Rel-6)	Ericsson	Revised
GP-031678	CR 48.018-086 rev 3 Introduction of Suspend functionality to reduce packet loss at cell change (Rel-6)	Ericsson	Approved
GP-031383	CR 48.058-011 Editorial correction of references (Rel-6)	Siemens AG	Postponed
GP-031997	CR 48.058-011 Editorial correction of references (Rel-6)	Siemens	Approved
GP-031183	CR 48.071-011 rev 2 Modification of the Reset procedure for U-TDOA (Rel-6)	TruePosition	Approved
GP-031184	CR 48.071-012 rev 1 Correction of the definition of BSSLAP encapsulation in BSSMAP-LE (Rel-4)	Siemens AG, Grayson Wireless	Approved
GP-031185	CR 48.071-013 rev 1 Correction of the definition of BSSLAP encapsulation in BSSMAP-LE (Rel-5)	Siemens AG, Grayson Wireless	Approved
GP-031186	CR 48.071-014 rev 1 Correction of the definition of BSSLAP encapsulation in BSSMAP-LE (Rel-6)	Siemens AG, Grayson Wireless	Approved
GP-031739	CR 48.071-015 Correction of BSSLAP Reject for U-TDOA (Rel-6)	Siemens AG	Approved
GP-031958	CR 48.071-016 Adding Channel Mode and MultiRate IEs to U-TDOA messages (Rel 6)	Andrew Corporation, TruePostion	Revised
GP-032215	CR 48.071-016 rev 1 Adding Channel Mode and MultiRate IEs to U-TDOA messages (Rel-6)	Andrew Corporation, TruePostion	Postponed
GP-031956	CR 48.071-017 Correction to encryption information format for U-TDOA location method (Rel 6)	Cingular Wireless, AWS, Grayson Wireless, T-Mobile USA, TruePosition	Withdrawn
GP-031187	CR 49.031-022 rev 3 Modification of BSSLAP-LE signalling (Rel-6)	TruePosition	Approved
GP-031188	CR 49.031-023 rev 1 Correction of the definition of the Positioning Data IE for BSSMAP-LE (Rel-6)	Siemens AG	Approved

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GP-031137	CR 51.010-1-1360 rev 1 42.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Melco Mobile Communication Europe	Approved
GP-031138	CR 51.010-1-1363 rev 1 52.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Melco Mobile Communication Europe	Approved
GP-031520	CR 51.010-1-1484 rev 4 Section 42.1.2.1 "Multiple PCCCH test cases	Alcatel	Revised
GP-031630	CR 51.010-1-1484 rev 5 Section 42.1.2.1 "Multiple PCCCH test cases	Alcatel	Approved
GP-031078	CR 51.010-1-1496 Sec. 27.11.2.6 Speed Enhancement	Siemens AG	Revised
GP-031617	CR 51.010-1-1496 rev 1 Sec. 27.11.2.6 Speed Enhancement	Siemens AG	Approved
GP-031079	CR 51.010-1-1497 Sec. 42.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens AG	Approved
GP-031080	CR 51.010-1-1498 Sec. 52.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens AG	Revised
GP-031605	CR 51.010-1-1498 rev 1 Sec. 52.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens AG	Approved
GP-031081	CR 51.010-1-1499 Sec. 46.1.2.2.4.3 Change of test procedure: 1 frame must be 3 frames	Siemens AG	Approved
GP-031082	CR 51.010-1-1500 Sec. 42.3.1.1.2 Change number of octets to perform Short Access	Siemens AG	Approved
GP-031083	CR 51.010-1-1501 Sec. 52.3.1.1.2 Change number of octets to perform Short Access	Siemens AG	Approved
GP-031087	CR 51.010-1-1502 44.2.3.1.7 Send P-TMSI in ATTACH ACCEPT at step 5	Anite	Approved
GP-031088	CR 51.010-1-1503 40.4.3.10 Macro "Completion of uplink RLC data block transfer" - allow uplink dummy control blocks	Anite	Revised
GP-031618	CR 51.010-1-1503 rev 1 40.4.3.10 Macro "Completion of uplink RLC data block transfer" - allow uplink dummy control blocks	Anite	Approved
GP-031089	CR 51.010-1-1504 44.2.3.1.4 Correct handling of power off bit in the detach request message (step 28)	Anite	Approved
GP-031090	CR 51.010-1-1505 51.2.6.1/2 Specify PDP context 31 in initial conditions for RLC Acknowledged mode.	Anite	Revised
GP-031613	CR 51.010-1-1505 rev 1 51.2.6.1/2 Specify PDP context 31 in initial conditions for RLC Acknowledged mode.	Anite	Approved
GP-031091	CR 51.010-1-1506 46.1.2.3.2 Branches for SABM and I+S/DM changed	Anite	Approved

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GP-031092	CR 51.010-1-1507 46.1.2.5.1/2/3 Removal of C/R constraints in FRMR during ABM	Anite	Approved
GP-031093	CR 51.010-1-1508 53.1.1.5 Correction of guard timer and number of octets	Anite	Approved
GP-031094	CR 51.010-1-1509 53.1.1.20 Reduction of data amount, correction of RBBs and BSNs	Anite	Approved
GP-031095	CR 51.010-1-1510 53.1.1.17 Correction of ACK/NACK of BSNs in test sequence and reduction of uplink data	Anite	Approved
GP-031096	CR 51.010-1-1511 53.1.1.13 T3198 replaced by BS_CV_MAX block periods	Anite	Approved
GP-031097	CR 51.010-1-1512 53.1.1.14 RESEGMENT IE set to 1 in Packet Uplink Ack/Nack	Anite	Approved
GP-031098	CR 51.010-1-1513 53.1.1.9 Correction of Test Procedure and Expected Sequence to meet test purpose	Anite	Approved
GP-031099	CR 51.010-1-1514 42.3.1.1.9 Correction of PSI_COUNT_HR and REPEAT_PERIOD, addition of sending PSI1 on PACCH	Anite	Withdrawn
GP-031100	CR 51.010-1-1515 46.2.2.1.5 Change of negative acknowledgement of N-PDU in step 6	Anite	Revised
GP-031612	CR 51.010-1-1515 rev 1 46.2.2.1.5 Change of negative acknowledgement of N-PDU in step 6	Anite	Approved
GP-031101	CR 51.010-1-1516 Addition of default value for T3302 in R99	Ericsson	Approved
GP-031102	CR 51.010-1-1517 R99 adaption of section 44.2.3	Ericsson	Approved
GP-031103	CR 51.010-1-1518 Minor corrections to AMR	Ericsson	Approved
GP-031111	CR 51.010-1-1519 Introduction of clarification notes to Section 51.1	Setcom	Approved
GP-031112	CR 51.010-1-1520 TC 53.1.2.18 - Correction to BSN values in test procedure	Setcom	Approved
GP-031113	CR 51.010-1-1521 New RLC testcase 53.1.1.25 - Acknowledged Mode/Uplink TBF/TBF Reallocation/Window Size	Setcom	Revised
GP-031625	CR 51.010-1-1521 rev 1 New RLC testcase 53.1.1.25 - Acknowledged Mode/Uplink TBF/TBF Reallocation/Window Size	Setcom	Approved
GP-031114	CR 51.010-1-1522 New RLC testcase 53.1.2.19 - Acknowledged Mode/Downlink TBF/TBF Reallocation/Window Size	Setcom	Approved
GP-031115	CR 51.010-1-1523 TC 42.1.2.1.8.1.6 - Correction to BSN check in Step 13	Setcom	Approved

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GP-031116	CR 51.010-1-1524 TC 52.1.2.1.8.1.6 - Correction to BSN check in Step 13	Setcom	Approved
GP-031117	CR 51.010-1-1525 TC 52.1.2.1.8.1.7 - Correction to BSN check in Step 10	Setcom	Approved
GP-031118	CR 51.010-1-1526 TC 52.1.2.1.8.1.8 - Step re-numbering and introduction of waiting time.	Setcom	Approved
GP-031119	CR 51.010-1-1527 Correction of Initial condition for testcases 51.2.5.3 and 51.2.5.4	Setcom	Approved
GP-031120	CR 51.010-1-1528 Usage of Open Ended TBF instead of Close Ended TBF	Setcom	Approved
GP-031121	CR 51.010-1-1529 Introduction of new RLC Unacknowledged mode testcases to Section 53	Setcom	Approved
GP-031122	CR 51.010-1-1530 Renumbering of section 53.2	Setcom	Approved
GP-031123	CR 51.010-1-1531 Removal of redundant Specific message contents from TC 51.1.5.1.2	Setcom	Approved
GP-031124	CR 51.010-1-1532 TC 53.1.2.9 - Change expected sequence and Window Size.	Setcom	Approved
GP-031125	CR 51.010-1-1533 TC 42.1.2.2.4 - Correction to Specific message contents.	Setcom	Approved
GP-031126	CR 51.010-1-1534 TC 52.1.2.2.4 - Correction to Specific message contents.	Setcom	Approved
GP-031127	CR 51.010-1-1535 TC 42.3.2.1.2 - Correction to Expected Sequence	Setcom	Withdrawn
GP-031128	CR 51.010-1-1536 TC 52.3.2.1.2 - Correction to Expected Sequence	Setcom	Withdrawn
GP-031214	CR 51.010-1-1537 Section 13.16.2 Clarification for invalid GAMMA_TN values	Rohde & Schwarz	Approved
GP-031215	CR 51.010-1-1538 Section 13.17.3 Clarification for invalid GAMMA_TN values	Rohde & Schwarz	Approved
GP-031216	CR 51.010-1-1539 Section 41.3.1.2 - Incorrect references in expected sequence	Rohde & Schwarz	Approved
GP-031217	CR 51.010-1-1540 Section 42.3.1.1.2 - Incorrect message content in PACKET RESOURCE REQUEST step 6	Rohde & Schwarz	Approved
GP-031218	CR 51.010-1-1541 Section 52.3.1.1.2 - Incorrect message content in PACKET RESOURCE REQUEST step 6	Rohde & Schwarz	Approved
GP-031219	CR 51.010-1-1542 Section 42.5.1.2 ? Incorrect Reference to Starting Time in Step 4	Rohde & Schwarz	Approved

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GP-031220	CR 51.010-1-1543 Section 43.1.1.6 ? Optional steps not considered correctly in expected sequence	Rohde & Schwarz	Approved
GP-031221	CR 51.010-1-1544 Section 51.2.5.1 ? IMMEDIATE ASSIGNMENT content for step 7 only correct for EGPRS PACKET CHANNEL REQUEST case	Rohde & Schwarz	Approved
GP-031222	CR 51.010-1-1545 Section 51.2.5.2 ? Inccorct specific message content IMMEDIATE ASSIGNMENT for step 6	Rohde & Schwarz	Approved
GP-031223	CR 51.010-1-1546 Section 51.3.2.1 ? Incorrect reference to M bit; alternative macro for two phase access missing	Rohde & Schwarz	Approved
GP-031224	CR 51.010-1-1547 Section 52.1.1.2 - Deletion of unused PICS statement	Rohde & Schwarz	Approved
GP-031225	CR 51.010-1-1548 Section 52.1.1.3 - Deletion of unused PICS statement and specific message contents	Rohde & Schwarz	Approved
GP-031226	CR 51.010-1-1549 Section 52.1.2.1.8.1.1 - Mirror CR to GP-012196 (GERAN #7) missing	Rohde & Schwarz	Approved
GP-031227	CR 51.010-1-1550 Section 52.1.2.1.9.1 - Mirror CR for GP-012734 (GERAN #7) missing	Rohde & Schwarz	Approved
GP-031228	CR 51.010-1-1551 Section 52.1.2.1.9.2.2 - Incorrect reference in expected sequence; Incorrect macro reference	Rohde & Schwarz	Approved
GP-031229	CR 51.010-1-1552 Section 52.1.2.1.10.1 - Repetition of test sequence not specified correctly	Rohde & Schwarz	Withdrawn
GP-031230	CR 51.010-1-1553 Section 53.1.1.7 - Optional steps missing in expected sequence	Rohde & Schwarz	Withdrawn
GP-031231	CR 51.010-1-1554 Section 43.3.1 - PACKET UPLINK ASSIGNMENT message inappropriate for section 43.	Rohde & Schwarz	Approved
GP-031232	CR 51.010-1-1555 Section 53.2.1 - PACKET UPLINK ASSIGNMENT message inappropriate for section 53.	Rohde & Schwarz	Approved
GP-031280	CR 51.010-1-1556 Corrections to SMS test cases 34.2.9.1 and 34.2.9.2 (Multiple SMS mobile originated)	Ericsson	Approved
GP-031286	CR 51.010-1-1557 44.2.3.1.1a Routing area updating / accepted / old P-TMSI	Anite	Approved
GP-031293	CR 51.010-1-1558 Section 14.16.2.1.2 C/lc requirement for CS4 not in line with core specification	Rohde & Schwarz	Approved
GP-031294	CR 51.010-1-1559 Section 40.2.3 Default PACKET_UPLINK_ASSIGNMENT and PACKET_DOWNLINK_ASSIGNMENT messages	Rohde & Schwarz	Approved
GP-031295	CR 51.010-1-1560 Section 50.2.3 Default PACKET_UPLINK_ASSIGNMENT and PACKET_DOWNLINK_ASSIGNMENT messages	Rohde & Schwarz	Approved

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GP-031296	CR 51.010-1-1561 Section 52.3.2.1.2 RRBP value not matching to expected sequence	Rohde & Schwarz	Revised
GP-031607	CR 51.010-1-1561 rev 1 TC 52.3.2.1.2 - Correction to Expected Sequence	Setcom	Approved
GP-031297	CR 51.010-1-1562 Section 53.1.1.5 Incorrect sequence of optional steps in expected sequence	Rohde & Schwarz	Approved
GP-031299	CR 51.010-1-1563 correction to testcase 52.1.2.1.9.2.2: Packet Uplink Assignment / Two phase access / Contention resolution / TLLI in Packet Resource Request message	Setcom	Approved
GP-031300	CR 51.010-1-1564 correction to testcase 42.1.2.1.8.1.5: Packet Uplink Assignment / One phase access / Contention resolution / 3 or 4 access repetition attempts	Cetecom and Setcom	Approved
GP-031301	CR 51.010-1-1565 correction to testcase 52.1.2.1.8.1.5: Packet Uplink Assignment / One phase access / Contention resolution / 3 or 4 access repetition attempts	Cetecom and Setcom	Approved
GP-031302	CR 51.010-1-1566 Correction of amount of data to be triggered in testcase 51.3.1.3:TBF Release / Uplink / Normal / MS initiated / Channel coding change during countdown	Setcom	Withdrawn
GP-031303	CR 51.010-1-1567 Correction of amount of data to be triggered in testcase 53.1.1.2: Acknowledged Mode/ Uplink TBF/ Acknowledge State Variable V(A)	Setcom	Withdrawn
GP-031304	CR 51.010-1-1568 deletion of 42.2.4.1.1, 42.2.4.1.2, 42.2.4.4.1, 42.2.4.4.2 and 42.2.4.4.3	Setcom	Approved
GP-031305	CR 51.010-1-1569 T3142 should be from 2 to 60 seconds in testcase 51.2.5.1 Packet access rejection / wait indication	Setcom	Approved
GP-031306	CR 51.010-1-1570 T3142 should be from 2 to 60 seconds in testcase 41.2.5.1:Packet access rejection / wait indication	Setcom	Approved
GP-031307	CR 51.010-1-1571 Addition of new testcases section 42.8	Setcom	Approved
GP-031308	CR 51.010-1-1572 Correction to section 44.2.2.2.6	Setcom	Approved
GP-031309	CR 51.010-1-1573 Correction to section 44.2.3.1.7	Setcom	Withdrawn
GP-031310	CR 51.010-1-1574 Correction to section 45.2.5.1.1and 45.2.5.1.2	Setcom	Approved
GP-031311	CR 51.010-1-1575 Correction to section 45.2.5.2 and 45.2.5.3	Setcom	Approved
GP-031312	CR 51.010-1-1576 Correction to section 45.2.4.3	Setcom	Approved
GP-031313	CR 51.010-1-1577 Correction of related PICS/PIXIT statements in section 34.4	Setcom	Withdrawn
GP-031317	CR 51.010-1-1578 Usage of Open Ended TBF instead of Close Ended TBF in Sec 41.x testcases	Setcom	Approved

Tdoc	Title	Source	Status
GP-031318	CR 51.010-1-1579 Sec: 42.4.2.3.3 - Correction of requirement check	Setcom	Approved
GP-031329	CR 51.010-1-1580 15.8 EGPRS Timing advance and absolute delay	Sasken	Approved
GP-031330	CR 51.010-1-1581 Updates in the time allowed for a MS to do reselection in 20.22.3	Sasken	Rejected
GP-031331	CR 51.010-1-1582 Updates to the number of Corrupted blocks sent in step (b) of 20.22.7	Sasken	Approved
GP-031332	CR 51.010-1-1583 Removing the wait of 2 PSI1 repeat period in step 1; 30 sec in step 5,10 and 15; and addition of a wait of time required for 64/SPLIT_PG_CYCLE multiframes in steps 5,10,15 of 41.1.1.4	Sasken	Approved
GP-031333	CR 51.010-1-1584 41.1.5.3 – Adding the delay after the changes in SI	Sasken	Approved
GP-031334	CR 51.010-1-1585 41.1.6 – Changes in the value Wait Indication given in Packet Access Reject.	Sasken	Approved
GP-031335	CR 51.010-1-1586 Changing steps 6 and 7 of the testcase 41.3.3	Sasken	Rejected
GP-031336	CR 51.010-1-1587 Changes in step 8 and Step 15 of 41.3.4.2	Sasken	Approved
GP-031337	CR 51.010-1-1588 41.3.5.2 – Correction to some steps	Sasken	Approved
GP-031338	CR 51.010-1-1589 Changes in Attach Macro in 50.4.3.11, 50.3.4.12.	Sasken	Approved
GP-031339	CR 51.010-1-1590 Removing the wait of 2 PSI1 repeat period in step 1; 30 sec in step 5,10 and 15; and addition of a wait of time required for 64/SPLIT_PG_CYCLE multiframes in steps 5,10,15 of 51.1.1.4	Sasken	Approved
GP-031340	CR 51.010-1-1591 51.1.5.3 – Adding the delay after the changes in SI	Sasken	Approved
GP-031341	CR 51.010-1-1592 51.1.6 – Changes in the value Wait Indication given in Packet Access Reject.	Sasken	Approved
GP-031342	CR 51.010-1-1593 Updates to assign GPRS or EGPRS TBF depending upon the use of CHANNEL REQUEST or EGPRS PACKET CHANNEL REQUEST in clauses 51.2.5.1	Sasken	Rejected
GP-031343	CR 51.010-1-1594 Changing steps 6 and 7 of the testcase 51.3.3	Sasken	Rejected
GP-031344	CR 51.010-1-1595 Adding EGPRS support to the testcase 52.1.1.1	Sasken	Rejected
GP-031345	CR 51.010-1-1596 Addition of new testcase 41.2.6.5	Sasken	Rejected

Tdoc	Title	Source	Status
GP-031346	CR 51.010-1-1597 Addition of new testcases to the section 41.2.6	Sasken	Rejected
GP-031347	CR 51.010-1-1598 Addition of new testcase 51.2.6.5	Sasken	Rejected
GP-031348	CR 51.010-1-1599 Addition of new testcases to the section 51.2.6	Sasken	Rejected
GP-031397	CR 51.010-1-1600 deletion of T3198 in testcase 41.3.1.1 TBF Release / Uplink / Normal / MS initiated / Acknowledged mode	Setcom	Approved
GP-031398	CR 51.010-1-1601 deletion of T3198 in testcase 51.3.1.1 TBF Release / Uplink / Normal / MS initiated / Acknowledged mode	Setcom	Approved
GP-031399	CR 51.010-1-1602 deletion of T3198 in testcase 43.1.1.5 Acknowledged mode / Uplink TBF / Invalid Negative Acknowledgment	Setcom	Revised
GP-031609	CR 51.010-1-1602 rev 1 deletion of T3198 in testcase 43.1.1.5 Acknowledged mode / Uplink TBF / Invalid Negative Acknowledgment	Setcom	Approved
GP-031406	CR 51.010-1-1603 Editorial correction to testcase 41.3.5.2 PDCH Release / With TIMESLOTS_AVAILABLE	Setcom	Approved
GP-031131	CR 51.010-1-1604 TC 42.1.2.1.9.1 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Revised
GP-031608	CR 51.010-1-1604 rev 1 TC 42.1.2.1.9.1 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031435	CR 51.010-1-1605 Section 42.3.2.1.2 RRBP value not matching to expected sequence	Rohde & Schwarz	Revised
GP-031606	CR 51.010-1-1605 rev 1 TC 42.3.2.1.2 - Correction to Expected Sequence	Setcom	Approved
GP-031458	CR 51.010-1-1606 Additional Packet Enhanced Measurement Report Test Cases Section 42.4.6 (Rel-5)	Motorola	Approved
GP-031459	CR 51.010-1-1607 Additional SMS over GPRS Test Cases Section 34.4 (Rel-5)	Motorola	Revised
GP-031640	CR 51.010-1-1607 rev 1 Additional SMS over GPRS Test Cases Section 34.4 (Rel-5)	Motorola	Approved
GP-031462	CR 51.010-1-1608 Correction for Security procedures after GSM to UMTS intersystem handover.	Nokia	Approved
GP-031463	CR 51.010-1-1609 R99, and onwards, corrections of automatic MO SMS repeat at TP layer for SMS clauses 34.2.2 and 34.4.2.	Nokia	Approved

Tdoc	Title	Source	Status
GP-031464	CR 51.010-1-1610 Correction to initial conditions in testcase 41.2.7.1	Nokia	Approved
GP-031465	CR 51.010-1-1611 Sending of PSI13 on PACCH in order to prevent SI refresh for clause 41.2.3.7 - One phase packet access / Contention resolution / Timer T3166	Nokia	Approved
GP-031466	CR 51.010-1-1612 Clarification of step 10 if the Expected Sequence for clause 41.2.3.8 - One phase packet access / Contention resolution / 4 access repetition attempts.	Nokia	Approved
GP-031467	CR 51.010-1-1613 Correction of logical error in step 6 for clause 41.2.4.2 - Single block packet access / Packet Measurement Report.	Nokia	Approved
GP-031468	CR 51.010-1-1614 Addition of optional step in Expected Sequence for clause 41.2.5.1 - Packet access rejection / wait indication.	Nokia	Withdrawn
GP-031469	CR 51.010-1-1615 Timer reference correction to testcase 42.1.2.1.10.2	Nokia	Approved
GP-031470	CR 51.010-1-1616 Correction to 42.1.2.1.13	Nokia	Approved
GP-031471	CR 51.010-1-1617 Correction to 42.1.2.1.9.2.1	Nokia	Revised
GP-031621	CR 51.010-1-1617 rev 1 Correction to 42.1.2.1.9.2.1	Nokia	Approved
GP-031472	CR 51.010-1-1618 Correction to 42.1.2.1.9.2.2	Nokia	Revised
GP-031623	CR 51.010-1-1618 rev 1 Correction to 42.1.2.1.9.2.2	Nokia	Approved
GP-031473	CR 51.010-1-1619 Corrections to testcase 42.1.2.2.3	Nokia	Approved
GP-031474	CR 51.010-1-1620 Alignment of 42.3.1.1.9 with the core specification	Nokia	Revised
GP-031626	CR 51.010-1-1620 rev 1 Alignment of 42.3.1.1.9 with the core specification	Nokia	Approved
GP-031475	CR 51.010-1-1621 42.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Nokia	Approved
GP-031476	CR 51.010-1-1622 42.4.1.2 Network Control measurement reporting / Idle mode / New cell reselection	Nokia	Approved
GP-031477	CR 51.010-1-1623 42.4.2.1.1 Cell change order procedure / Uplink transfer / Normal case	Nokia	Approved
GP-031478	CR 51.010-1-1624 Deletion of clause 42.4.2.1.2 - Cell change order procedure / Uplink transfer / Failure cases / T3174 expiry	Nokia	Approved
GP-031479	CR 51.010-1-1625 Correction to clause 42.4.2.1.3 - Cell change order procedure / Uplink transfer / Failure cases / REJECT from the new cell	Nokia	Approved

Tdoc	Title	Source	Status
GP-031480	CR 51.010-1-1626 Correction to clause 42.4.2.1.4 - Cell change order procedure / Uplink transfer / Failure cases / Contention resolution failure	Nokia	Approved
GP-031481	CR 51.010-1-1627 Correction to clause 42.4.2.2.1 - Cell change order procedure / Downlink transfer / Normal case	Nokia	Revised
GP-031619	CR 51.010-1-1627 rev 1 Correction to clause 42.4.2.2.1 - Cell change order procedure / Downlink transfer / Normal case	Nokia	Approved
GP-031482	CR 51.010-1-1628 Correction to clause 42.4.2.2.2 - Cell change order procedure / Downlink transfer / Failure cases / REJECT from the new cell	Nokia	Approved
GP-031483	CR 51.010-1-1629 Correction of clause 42.4.2.3.1 - Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case	Nokia	Approved
GP-031484	CR 51.010-1-1630 Deletion of clause 42.4.2.3.2 - Cell change order procedure / Simultaneous uplink and downlink transfer / Failure case / T3174 expiry	Nokia	Approved
GP-031485	CR 51.010-1-1631 Correction to clause 42.4.4.2 - Network Controlled Cell Reselection/validity of reselection parameters/MS enters standby state	Nokia	Approved
GP-031486	CR 51.010-1-1632 Correction to new downlink TBF assignment in step 6 in testcase 42.5.5.2	Nokia	Approved
GP-031487	CR 51.010-1-1633 Correction of invalid frequency parameters condition in 42.5.5.3	Nokia	Approved
GP-031488	CR 51.010-1-1634 Clarification to testcase 42.7.1 to verify correct MS behaviour.	Nokia	Approved
GP-031489	CR 51.010-1-1635 Aligning testcase 42.7.2 with the conformance requirement	Nokia	Approved
GP-031490	CR 51.010-1-1636 Aligning testcase 42.7.3 with the conformance requirements	Nokia	Revised
GP-031624	CR 51.010-1-1636 rev 1 Aligning testcase 42.7.3 with the conformance requirements	Nokia	Approved
GP-031491	CR 51.010-1-1637 Aligning testcase 42.7.6 with the conformance requirements	Nokia	Approved
GP-031492	CR 51.010-1-1638 Correction of SpecificaMessage Content for clause 42.1.2.1.7 - Packet Uplink Assignment / Most recently received Packet Uplink Assignment.	Nokia	Approved
GP-031494	CR 51.010-1-1639 Sending of PSI13 on PACCH in order to prevent SI refresh for clause 51.2.3.7 - One phase packet access / Contention resolution / Timer T3166	Nokia	Approved

Tdoc	Title	Source	Status
GP-031495	CR 51.010-1-1640 Clarification of step 10 if the Expected Sequence for clause 51.2.3.8 - One phase packet access / Contention resolution / 4 access repetition attempts.	Nokia	Approved
GP-031496	CR 51.010-1-1641 Addition of optional step in Expected Sequence for clause 51.2.5.1 - Packet access rejection / wait indication.	Nokia	Withdrawn
GP-031497	CR 51.010-1-1642 Timer reference correction to testcase 52.1.2.1.10.2	Nokia	Approved
GP-031498	CR 51.010-1-1643 Correction to 52.1.2.1.9.2.1	Nokia	Revised
GP-031622	CR 51.010-1-1643 rev 1 Correction to 52.1.2.1.9.2.1	Nokia	Approved
GP-031499	CR 51.010-1-1644 52.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Nokia	Approved
GP-031500	CR 51.010-1-1645 Correction to new downlink TBF assignment in step 6 in testcase 52.5.5.2	Nokia	Approved
GP-031501	CR 51.010-1-1646 Correction of invalid frequency parameters condition in 52.5.5.3	Nokia	Approved
GP-031502	CR 51.010-1-1647 Deletion of Specific Message Content for clause 52.1.1.3 - Packet Channel Request / Response to Packet Paging/Non-RR Connection Paging	Nokia	Withdrawn
GP-031503	CR 51.010-1-1648 Correction of SpecificaMessage Content for clause 52.1.2.1.7 - Packet Uplink Assignment / Most recently received Packet Uplink Assignment.	Nokia	Approved
GP-031504	CR 51.010-1-1649 Correction of steps 5, 12 and 16 of the Expected Sequence for clause 52.3.2.1.1 - Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Successful	Nokia	Approved
GP-031505	CR 51.010-1-1650 Deletion of clause 52.4 - Measurement reports and Cell change order procedures	Nokia	Approved
GP-031518	CR 51.010-1-1651 Section 44.2.2: "Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	Alcatel	Revised
GP-031610	CR 51.010-1-1651 rev 1 Section 44.2.2: "Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	Alcatel	Revised
GP-031632	CR 51.010-1-1651 rev 2 Section 44.2.2: "Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	Alcatel	Approved
GP-031519	CR 51.010-1-1652 Section 44.2.2 "GPRS detach, R99 test cases"	Alcatel	Revised

Tdoc	Title	Source	Status
GP-031611	CR 51.010-1-1652 rev 1 Section 44.2.2 "GPRS detach, R99 test cases"	Alcatel	Withdrawn
GP-031521	CR 51.010-1-1653 Section 22 "Downlink Power Control in GPRS"	Alcatel	Revised
GP-031601	CR 51.010-1-1653 rev 1 Section 22 "Downlink Power Control in GPRS"	Alcatel	Revised
GP-031628	CR 51.010-1-1653 rev 2 Section 22 "Downlink Power Control in GPRS"	Alcatel	Approved
GP-031522	CR 51.010-1-1654 Section 22 "Downlink Power Control in EGPRS"	Alcatel	Revised
GP-031627	CR 51.010-1-1654 rev 1 Section 22 "Downlink Power Control in EGPRS"	Alcatel	Revised
GP-031634	CR 51.010-1-1654 rev 2 Section 22 "Downlink Power Control in EGPRS"	Alcatel	Withdrawn
GP-031553	CR 51.010-1-1655 TC 42.3.1.1.2 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031554	CR 51.010-1-1656 TC 42.3.1.1.5 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Withdrawn
GP-031953	CR 51.010-1-1656 TC 42.3.1.1.5 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031555	CR 51.010-1-1657 TC 52.1.2.1.9.1 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031556	CR 51.010-1-1658 TC 52.3.1.1.2 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031557	CR 51.010-1-1659 TC 52.3.1.1.5 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Postponed
GP-031954	CR 51.010-1-1659 rev 1 TC 52.3.1.1.5 Removal of the close-ended TBF feature	Melco Mobile Communication Europe	Approved
GP-031614	CR 51.010-1-1660 Deletion of test case 52.1.1.1	GERAN WG3	Approved
GP-031633	CR 51.010-1-1661 Correction to RLC Acknowledged Mode / Uplink TBF / Window Size / Default Value test case	Motorola	Approved
GP-031745	CR 51.010-1-1662 Sections 14.1.5 and 14.1.6 Bad frame indication AMR – corrections	Racal Instruments	Revised

Tdoc	Title	Source	Status
GP-032179	CR 51.010-1-1662 rev 1 Sections 14.1.5 and 14.1.6 Bad frame indication AMR – corrections	Racal Instruments	Approved
GP-031746	CR 51.010-1-1663 section 14.4.17 AMR inband testing - change loop I requirement to optional	Racal Instruments	Withdrawn
GP-031748	CR 51.010-1-1664 Section 26.16.9.5 Threshold Change (normal) - correction of THRESH_REQ message contents	Racal Instruments	Approved
GP-031749	CR 51.010-1-1665 TC 42.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens AG	Withdrawn
GP-031750	CR 51.010-1-1666 TC 42.1.2.1.9.2.2 Packet Uplink Assignment / Two phase access / Contention resolution / TLLI mismatch	Siemens AG	Withdrawn
GP-031751	CR 51.010-1-1667 TC 52.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens AG	Withdrawn
GP-031752	CR 51.010-1-1668 TC 52.1.2.1.9.2.3 Packet Uplink Assignment / Two phase access / Contention resolution / TLLI mismatch	Siemens AG	Withdrawn
GP-031753	CR 51.010-1-1669 TC 44.2.3.1.4 Routing area updating / rejected / location area not allowed	Siemens AG	Withdrawn
GP-031764	CR 51.010-1-1670 Section 60.9 Inter system handover to UTRAN/from GSM/Failure/Cause: Protocol Error	Racal Instruments	Revised
GP-032176	CR 51.010-1-1670 rev 1 section 60.9 Inter system handover to UTRAN/from GSM/Failure/Cause: Protocol Error	Racal Instruments	Approved
GP-031765	CR 51.010-1-1671 TC 53.1.1.25 - Correction to coding scheme representation	Setcom	Withdrawn
GP-031766	CR 51.010-1-1672 TC 53.1.2.19 - Correction to timeslots allocated and coding scheme representation	Setcom	Withdrawn
GP-031767	CR 51.010-1-1673 Introduction of new testcases as section 52.3.2.3 - Dynamic Allocation / Abnormal cases / Incorrect Assignment	Setcom	Withdrawn
GP-031768	CR 51.010-1-1674 TC 53.1.1.25 - Correction to coding of Window size	Setcom	Approved
GP-031769	CR 51.010-1-1675 TC 53.1.2.19 - Correction to timeslots allocated and coding of Window Size	Setcom	Approved
GP-031771	CR 51.010-1-1676 TC 52.1.2.1.8.1.7 - Correction to the amount of data triggered	Setcom	Approved
GP-031784	CR 51.010-1-1677 52.1.2.1.9.2.3 - Correction to the number of packet access procedure attempts to be verified by the SS in Step 6	Anite	Withdrawn

Tdoc	Title	Source	Status
GP-031785	CR 51.010-1-1678 42.3.1.1.2 - Change number of octets to perform Short Access	Anite	Approved
GP-031786	CR 51.010-1-1679 52.1.2.1.3 - Change to SS initial condition to make all the blocks on a multiframe reserved for PRACH	Anite	Withdrawn
GP-031787	CR 51.010-1-1680 41.3.1.1, 41.3.1.2, 41.3.5.2. - Changes in the applicability of some parts of testcase	Anite	Approved
GP-031788	CR 51.010-1-1681 51.3.1.1, 51.3.1.2, 51.3.5.2. - Changes in the applicability of some parts of testcase	Anite	Approved
GP-031789	CR 51.010-1-1682 20.22.13 - C32_QUAL specified and continuous paging switched on on cell B and C	Anite	Approved
GP-031790	CR 51.010-1-1683 42.3.1.1.9 - Changing of coding formats in PSI2 and in Packet Uplink Assignment messages.	Anite	Withdrawn
GP-031791	CR 51.010-1-1684 52.1.2.1.8.1.2 - Correction of calculation for N3104_MAX	Anite	Approved
GP-031792	CR 51.010-1-1685 52.1.2.1.8.1.4 - Correction of comment step7 regarding EGPRS PACKET CHANNEL REQUEST.	Anite	Approved
GP-031793	CR 51.010-1-1686 52.5.5.3 - Various Corrections to test sequence	Anite	Approved
GP-031794	CR 51.010-1-1687 42.5.5.3 - Various Corrections to test sequence	Anite	Approved
GP-031795	CR 51.010-1-1688 Use of correct PICS for SMS testcases (34.4.1 to 34.4.7)	Setcom	Withdrawn
GP-031796	CR 51.010-1-1689 41.1.2 RR / Paging / on PCCCH for circuit-switched services/ paging successful	Setcom	Approved
GP-031797	CR 51.010-1-1690 42.1.2.1.10.2 Packet Uplink Assignment / Abnormal cases / Expiry of timer T3164	Setcom	Revised
GP-032242	CR 51.010-1-1690 rev 1 42.1.2.1.10.2 Packet Uplink Assignment / Abnormal cases / Expiry of timer T3164	Setcom	Withdrawn
GP-031798	CR 51.010-1-1691 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Revised
GP-032155	CR 51.010-1-1691 rev 1 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Approved
GP-031799	CR 51.010-1-1692 Section 42.3.2.1.2 - RRBP value not matching expected sequence	Setcom	Approved
GP-031800	CR 51.010-1-1693 51.1.2 RR / Paging / on PCCCH for circuit-switched services / paging successful	Setcom	Approved

Tdoc	Title	Source	Status
GP-031801	CR 51.010-1-1694 52.1.2.1.10.2 Packet Uplink Assignment / Abnormal cases / Expiry of timer T3164	Setcom	Revised
GP-032243	CR 51.010-1-1694 rev 1 52.1.2.1.10.2 Packet Uplink Assignment / Abnormal cases / Expiry of timer T3164	Setcom	Withdrawn
GP-031802	CR 51.010-1-1695 Section 52.3.2.1.2 - RRBP value not matching expected sequence	Setcom	Approved
GP-031803	CR 51.010-1-1696 53.1.2.3 Acknowledged Mode/ Downlink TBF/ Window Size/Default Value	Setcom	Withdrawn
GP-031804	CR 51.010-1-1697 53.1.2.4 Acknowledged Mode/ Downlink TBF/ Window Size/Assigned Value	Setcom	Approved
GP-031805	CR 51.010-1-1698 TC 53.1.2.3 - Correction to Initial conditions	Setcom	Withdrawn
GP-031807	CR 51.010-1-1699 46.2.2.4.3 - SABM corrected to XID command in step 4	Anite	Approved
GP-031808	CR 51.010-1-1700 R99 adaption of test case 44.2.2.2.5	Orange	Revised
GP-032166	CR 51.010-1-1700 rev 1 R99 adaption of test case 44.2.2.2.5	Orange	Revised
GP-032250	CR 51.010-1-1700 rev 2 R99 adaption of test case 44.2.2.2.5	Orange	Approved
GP-031809	CR 51.010-1-1701 Section 42.4.6.2 editorial corrections	Racal Instruments	Approved
GP-031810	CR 51.010-1-1702 Updates in the name of the testcase and the timing requirement for reselection of the testcase 20.22.5	Sasken	Approved
GP-031811	CR 51.010-1-1703 Updates in the timing requirement for the reselection for 20.22.6	Sasken	Revised
GP-032175	CR 51.010-1-1703 rev 1 Updates in the timing requirement for the reselection for 20.22.6	Sasken	Approved
GP-031812	CR 51.010-1-1704 42.1.1.2 – In step 3, channel on which paging is transmitted is changed from PPCH to PAGCH.	Sasken	Approved
GP-031813	CR 51.010-1-1705 Removal of the testcase 42.1.2.1.3.3	Sasken	Approved
GP-031814	CR 51.010-1-1706 42.3.3.4 – PDP context changed from the default 3 to PDP context 2.	Sasken	Approved
GP-031815	CR 51.010-1-1707 Changes in the sequence of 42.7.4	Sasken	Revised
GP-032161	CR 51.010-1-1707 rev 1 Changes in the sequence of 42.7.4	Sasken	Approved
GP-031816	CR 51.010-1-1708 Changes in the sequence of 42.7.6	Sasken	Revised
GP-032162	CR 51.010-1-1708 rev 1 Changes in the sequence of 42.7.6	Sasken	Approved
GP-031817	CR 51.010-1-1709 Addition of new procedures for 44.2.7 and changes for R99	Sasken	Revised

Tdoc	Title	Source	Status
GP-032167	CR 51.010-1-1709 rev 1 Addition of new procedures for 44.2.7 and changes for R99	Sasken	Approved
GP-031818	CR 51.010-1-1710 Addition of new testcases to sec 51.3	Sasken	Withdrawn
GP-031820	CR 51.010-1-1711 52.1.1.3, 52.1.1.4 – In step 3, the channel on which the paging is transmitted is changed from PPCH to PAGCH.	Sasken	Approved
GP-031821	CR 51.010-1-1712 Removal of the testcase 52.1.2.1.3.3	Sasken	Approved
GP-031822	CR 51.010-1-1713 52.6.1 – changing mobile identity in paging request from TMSI to P-TMSI.	Sasken	Approved
GP-031823	CR 51.010-1-1714 52.6.2 – changing mobile identity in paging request from TMSI to P-TMSI.	Sasken	Approved
GP-031824	CR 51.010-1-1715 Changes in the MACRO used to bring MS into uplink transfer mode in testcases 42.4.1.1, 42.4.2.1.4, 42.4.2.1.6, 42.4.6.4	Sasken	Approved
GP-031825	CR 51.010-1-1716 changes in the applicabilty of the testcases 42.3.1.1.8 and 42.7.4	Sasken	Approved
GP-031826	CR 51.010-1-1717 52.3.1.1.8 -- Changes in the applicabilty of the testcase 52.3.1.1.8	Sasken	Approved
GP-031827	CR 51.010-1-1718 Addition of new testcases to the section 44.2.1.1	Sasken	Withdrawn
GP-031828	CR 51.010-1-1719 Addition of new testcase 44.2.2.1.10	Sasken	Withdrawn
GP-031829	CR 51.010-1-1720 Addition of new testcase 44.2.5.2.4	Sasken	Withdrawn
GP-031830	CR 51.010-1-1721 Addition of new testcase 41.2.6.5	Sasken	Withdrawn
GP-031831	CR 51.010-1-1722 Addition of new testcases to the section 41.2.6	Sasken	Withdrawn
GP-031832	CR 51.010-1-1723 R99 changes for the testcases in the section 44.2.4, 44.2.5, 44.2.6	Sasken	Withdrawn
GP-031833	CR 51.010-1-1724 Addition Cell Notification in default contents of Attach Accept and Routing Area Update Accept for R99	Sasken	Withdrawn
GP-031834	CR 51.010-1-1725 Addition of note to the section 40.2.2.1.1, 40.2.2.1.12 for sending of PSI1, PSI13 on PACCH.	Sasken	Approved
GP-031835	CR 51.010-1-1726 51.010-1; Identifying the number of iterations for the testcase 53.1.2.9	Sasken	Revised
GP-032173	CR 51.010-1-1726 rev 1 51.010-1; Identifying the number of iterations for the testcase 53.1.2.9	Sasken	Approved

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GP-031836	CR 51.010-1-1727 Addition of note in macro 42.1.3.1.2, to allow reception of Control Ack in Access Bursts or in RLC/MAC Control block format.	Sasken	Approved
GP-031846	CR 51.010-1-1728 Correction of Test Procedure and Expected Sequence for section 53.1.1.24 - Acknowledged Mode/ Uplink TBF/ Interpretation of PBSN	Nokia	Approved
GP-031847	CR 51.010-1-1729 Correction to section 42.3.1.1.2 - Change number of octets to perform Short Access	Nokia	Withdrawn
GP-031848	CR 51.010-1-1730 44.2.2.2.4 - Correct handling of Detach cause and Attach Request type	Anite	Approved
GP-031849	CR 51.010-1-1731 Section 51.1.6: Time constraints regarding WAIT_INDICATION not explicitly mentioned in expected sequence	Rohde & Schwarz	Approved
GP-031850	CR 51.010-1-1732 Section 41.1.6: Time constraints regarding WAIT_INDICATION not explicitly mentioned in expected sequence	Rohde & Schwarz	Approved
GP-031851	CR 51.010-1-1733 Section 52.1.1.6.1 Correction Initial conditions	Rohde & Schwarz	Approved
GP-031852	CR 51.010-1-1734 Section 52.1.1.7: PICS/PIXIT not needed	Rohde & Schwarz	Approved
GP-031853	CR 51.010-1-1735 Section 52.1.2.1.3.1 Correction of Initial conditions	Rohde & Schwarz	Withdrawn
GP-031854	CR 51.010-1-1736 Section 52.1.2.1.6 ? PSI2 settings to use same frequency for PBCCH and PCCCH	Rohde & Schwarz	Approved
GP-031855	CR 51.010-1-1737 Section 52.1.2.1.7: PICS/PIXIT not needed	Rohde & Schwarz	Approved
GP-031869	CR 51.010-1-1738 Correction to AMR section 14 for pre Rel-5 MS's	Ericsson	Revised
GP-032151	CR 51.010-1-1738 rev 1 Correction to AMR section 14 for pre Rel-5 MS's	Ericsson	Approved
GP-031870	CR 51.010-1-1739 Correction to AMR section 14.2.10 for pre Rel-5 MS's	Ericsson	Revised
GP-032067	CR 51.010-1-1739 rev 1 Correction to AMR section 14.2.10 for pre Rel-5 MS's	Ericsson	Approved
GP-031871	CR 51.010-1-1740 Correction to AMR section 14.2.18 for pre Rel-5 MS's	Ericsson	Approved
GP-031872	CR 51.010-1-1741 Correction to AMR section 14.4.16 for pre Rel-5 MS's	Ericsson	Approved
GP-031873	CR 51.010-1-1742 Correction to AMR section 14.5.1.2 for pre Rel-5 MS's	Ericsson	Approved

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GP-031874	CR 51.010-1-1743 Correction to AMR section 14.5.1.3 for pre Rel-5 MS's	Ericsson	Approved
GP-031887	CR 51.010-1-1744 Section 40.2.2.1.2 R99 settings for ECSC flag in Non GPRS Cell Options	Rohde & Schwarz	Approved
GP-031888	CR 51.010-1-1745 Section 14.4.8 Ambiguous definitions of the co-channel interferer	Rohde & Schwarz	Approved
GP-031889	CR 51.010-1-1746 Section 14.4.16 Ambiguous definitions of co-channel interferer and typing error corrections	Rohde & Schwarz	Approved
GP-031890	CR 51.010-1-1747 Section 14.5.1.2 Ambiguous definitions of adjacent channel interferer	Rohde & Schwarz	Revised
GP-032244	CR 51.010-1-1747 rev 1 Section 14.5.1.2 Ambiguous definitions of adjacent channel interferer	Rohde & Schwarz	Approved
GP-031891	CR 51.010-1-1748 Section 14.5.1.3 Ambiguous definitions of adjacent-channel interferer and typing error corrections	Rohde & Schwarz	Revised
GP-032245	CR 51.010-1-1748 rev 1 Section 14.5.1.3 Ambiguous definitions of adjacent-channel interferer and typing error corrections	Rohde & Schwarz	Approved
GP-031892	CR 51.010-1-1749 Section 42.4.2.3.1 Correction of expected sequence	Rohde & Schwarz	Approved
GP-031893	CR 51.010-1-1750 Section 42.4.2.3.3 Correction of expected sequence	Rohde & Schwarz	Revised
GP-032240	CR 51.010-1-1750 rev 1 Section 42.4.2.3.3 Correction of expected sequence	Rohde & Schwarz	Revised
GP-032247	CR 51.010-1-1750 rev 2 Section 42.4.2.3.3 Correction of expected sequence	Rohde & Schwarz	Approved
GP-031894	CR 51.010-1-1751 Section 53.1.1.7 Inclusion of optional steps to match number of uplink blocks sent	Rohde & Schwarz	Approved
GP-031895	CR 51.010-1-1752 Section 53.1.1.9 Optional steps to consider blocks already scheduled to L1 for UL transmission	Rohde & Schwarz	Withdrawn
GP-031896	CR 51.010-1-1753 Section 53.1.1.18 Correction of expected BSN for test run using MCS-6	Rohde & Schwarz	Approved
GP-031897	CR 51.010-1-1754 Section 53.1.2.1 Removal of TIMESLOT_ALLOCATION = '00000010'	Rohde & Schwarz	Approved
GP-031898	CR 51.010-1-1755 Section 53.1.2.2 Removal of TIMESLOT_ALLOCATION = '00000010'	Rohde & Schwarz	Approved
GP-031899	CR 51.010-1-1756 Section 53.1.2.3 Test procedure requires PBCCH present case	Rohde & Schwarz	Withdrawn

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GP-031900	CR 51.010-1-1757 Section 53.1.2.16 Removal of TIMESLOT_ALLOCATION = '00000010'	Rohde & Schwarz	Approved
GP-031901	CR 51.010-1-1758 Section 41.1.5.1.2 Clean up of specific message contents	Rohde & Schwarz	Approved
GP-031902	CR 51.010-1-1759 Section 42.1.2.1.8.2.2 Correct Macro in step 4 {Uplink data transfer, dynamic allocation}	Rohde & Schwarz	Approved
GP-031903	CR 51.010-1-1760 Section 53.1.1.3 Change of the ACK/NACK bitmap to achieve required BSN sequence	Rohde & Schwarz	Withdrawn
GP-031912	CR 51.010-1-1761 Section 42.1.2.1.7 PICS/PIXIT not needed	Rohde & Schwarz	Approved
GP-031913	CR 51.010-1-1762 Section 52.1.2.1.9.1 Removal of close ended TBF missing	Rohde & Schwarz	Approved
GP-031914	CR 51.010-1-1763 Section 52.8.1.1 Corrections to expected sequence	Rohde & Schwarz	Revised
GP-032171	CR 51.010-1-1763 rev 1 Section 52.8.1.1 Corrections to expected sequence	Rohde & Schwarz	Approved
GP-031915	CR 51.010-1-1764 Section 52.8.1.12 Correction of logical channel for sending PACKET UL ASSIGNMENT (PBCCH not present case)	Rohde & Schwarz	Approved
GP-031916	CR 51.010-1-1765 Section 53.1.1.3 Optional steps needed to consider blocks already scheduled in the MS's buffer	Rohde & Schwarz	Approved
GP-031917	CR 51.010-1-1766 Section 40.2.2.* Incorrect RFL contents in PSIs for cells B,C,D,E,F	Rohde & Schwarz	Approved
GP-031918	CR 51.010-1-1767 Section 26.6.3.x BCCH allocation sequence number missing from SYSTEM INFORMATION 5Bis messages	Rohde & Schwarz	Approved
GP-031919	CR 51.010-1-1768 section 26.6.3.5 In G850 system information type 5 K=3 indicated channel numbers can not be set using variable bitmap format	Rohde & Schwarz	Approved
GP-031920	CR 51.010-1-1769 section 26.6.3.7 Table, ARFCN, band identity corrections	Rohde & Schwarz	Approved
GP-031921	CR 51.010-1-1770 section 26.6.8.4 In G850, GSM900, GSM450, GSM700 and GSM480 bands HANDOVER COMMAND message changed to match PCS1900 and PCN1800 bands	Rohde & Schwarz	Approved
GP-031923	CR 51.010-1-1771 52.1.2.1.8.2.1 - Correction to initial conditions of system simulator	Anite	Approved
GP-031935	CR 51.010-1-1772 Clause 20.7 - Cell Selection Priority of Cells	Ericsson	Withdrawn
GP-031936	CR 51.010-1-1773 Clause 45.5.1 - Error Cases	Ericsson	Approved

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GP-031937	CR 51.010-1-1774 Section 21.4, TEI, Update on radio Access Network	Nokia	Revised
GP-032180	CR 51.010-1-1774 rev 1 Section 21.4, TEI, Update on radio Access Network	Nokia	Approved
GP-031941	CR 51.010-1-1775 43.1.2.4 New branch added for frame acknowledgment	Wavecom	Revised
GP-032164	CR 51.010-1-1775 rev 1 43.1.2.4 New branch added for frame acknowledgment	Wavecom	Withdrawn
GP-031942	CR 51.010-1-1776 42.4.1.2 Correction to timers values	Wavecom	Revised
GP-032163	CR 51.010-1-1776 rev 1 42.4.1.2 Correction to timers values	Wavecom	Revised
GP-032249	CR 51.010-1-1776 rev 2 42.4.1.2 Correction to timers values	Wavecom	Revised
GP-032251	CR 51.010-1-1776 rev 3 42.4.1.2 Correction to timers values	Wavecom	Approved
GP-031943	CR 51.010-1-1777 26.16.10 splitted in two test cases	Wavecom	Approved
GP-031959	CR 51.010-1-1778 Correction to RLC Test Case 43.1.1.3	Motorola	Approved
GP-031960	CR 51.010-1-1779 2G to 3G Cell Change Order 42.4.7	Motorola	Approved
GP-031966	CR 51.010-1-1780 TC 42.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens	Approved
GP-031967	CR 51.010-1-1781 TC 42.1.2.1.9.2.2 Packet Uplink Assignment / Two phase access / Contention resolution / TLLI mismatch	Siemens	Approved
GP-031968	CR 51.010-1-1782 TC 52.1.2.1.10.1 Packet Uplink Assignment / Abnormal cases / Incorrect PDCH assignment	Siemens	Approved
GP-031969	CR 51.010-1-1783 TC 52.1.2.1.9.2.3 Packet Uplink Assignment / Two phase access / Contention resolution / TLLI mismatch	Siemens	Approved
GP-031970	CR 51.010-1-1784 TC 44.2.3.1.4 Routing area updating / rejected / location area not allowed	Siemens	Approved
GP-031972	CR 51.010-1-1785 Test case update to mirror the changes to the DTM feature (Section 41).	Vodafone, Nokia	Approved
GP-031973	CR 51.010-1-1786 Test case update to mirror the changes to the DTM feature (Sub-clause 22.11).	Vodafone, Nokia	Approved
GP-032048	CR 51.010-1-1787 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032049	CR 51.010-1-1788 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved

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GP-032050	CR 51.010-1-1789 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032051	CR 51.010-1-1790 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032052	CR 51.010-1-1791 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032053	CR 51.010-1-1792 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032054	CR 51.010-1-1793 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032055	CR 51.010-1-1794 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032056	CR 51.010-1-1795 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032057	CR 51.010-1-1796 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032058	CR 51.010-1-1797 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032059	CR 51.010-1-1798 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Withdrawn
GP-032060	CR 51.010-1-1799 MS test case alignment to DTM core spec changes.	Nokia, Vodafone	Approved
GP-032077	CR 51.010-1-1800 Section 52.8.1.6 Correction of expected sequence	Rohde & Schwarz	Revised
GP-032172	CR 51.010-1-1800 rev 1 Section 52.8.1.6 Correction of expected sequence	Rohde & Schwarz	Approved
GP-032079	CR 51.010-1-1801 TC 44.2.3.1.4 Routing area updating / rejected / location area not allowed	Siemens	Withdrawn
GP-032080	CR 51.010-1-1802 MS test case alignment to DTM core spec changes	Nokia, Vodafone	Approved
GP-032090	CR 51.010-1-1803 Section 42: "New test cases: NC2 in Packet transfer mode	Alcatel	Revised
GP-032174	CR 51.010-1-1803 rev 1 Section 42: "New test cases: NC2 in Packet transfer mode	Alcatel	Revised
GP-032241	CR 51.010-1-1803 rev 2 Section 42: "New test cases: NC2 in Packet transfer mode	Alcatel	Revised
GP-032252	CR 51.010-1-1803 rev 3 Section 42: "New test cases: NC2 in Packet transfer mode	Alcatel	Approved

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GP-032091	CR 51.010-1-1804 Section 70: "New test case: Conventional GPS	Alcatel	Revised
GP-032177	CR 51.010-1-1804 rev 1 Section 70: "New test case: Conventional GPS	Alcatel	Approved
GP-032092	CR 51.010-1-1805 Section 43.1.2: "New test case: I_level reporting	Alcatel	Revised
GP-032152	CR 51.010-1-1805 rev 1 Section 43.1.2: "New test case: I_level reporting	Alcatel	Revised
GP-032165	CR 51.010-1-1805 rev 2 New test case: I_level reporting	Alcatel	Revised
GP-032248	CR 51.010-1-1805 rev 3 New test case: I_level reporting	Alcatel	Withdrawn
GP-032238	CR 51.010-1-1806 Section 42.1.2.2.3 Packet Downlink Assignment/ Frequency hopping	Setcom	Approved
GP-031086	CR 51.010-2-119 Table B.1: Conditions for TCs 14.2.18, 14.4.16, 26.6.5.2-2, 26.6.5.2-5, 26.6.5.2-6, 26.6.5.2-10 corrected; Missing TC 31.3.1.2.2.1 added	7layers	Approved
GP-031129	CR 51.010-2-120 Modification of Applicability Table	Setcom	Withdrawn
GP-031130	CR 51.010-2-121 Removal of the close-ended TBF feature in annex B, table B1	Melco Mobile Communication Europe	Postponed
GP-031952	CR 51.010-2-121 rev 1 Removal of the close-ended TBF feature in annex B, table B1	Melco Mobile Communication Europe	Approved
GP-031287	CR 51.010-2-122 B1 Add new TC - 44.2.3.1.1a - Routing area updating / accepted / old P-TMSI	Anite	Approved
GP-031314	CR 51.010-2-123 Modification of applicability table in 51.010-2 due to introduction of new test cases in 51.010-1 and change of some testcases titles	Setcom	Approved
GP-031460	CR 51.010-2-124 Update of Applicability Table for PEMR Test Cases (Rel-5)	Motorola	Approved
GP-031461	CR 51.010-2-125 Update of Applicability Table for SMS over GPRS (Rel-5)	Motorola	Revised
GP-031714	CR 51.010-2-125 rev 1 Update of Applicability Table for SMS over GPRS (Rel-5)	Motorola	Approved
GP-031493	CR 51.010-2-126 Deletion of clauses 42.4.2.1.2 and 42.4.2.3.2 from Table B.1.	Nokia	Approved
GP-031506	CR 51.010-2-127 Deletion of clause 52.4 from Table B.1	Nokia	Approved
GP-031615	CR 51.010-2-128 Deletion of test case 52.1.1.1 from Table B.1	GERAN WG3	Approved

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GP-031629	CR 51.010-2-129 Update PICS for 22.12	Alcatel	Approved
GP-031631	CR 51.010-2-130 "Multiple PCCCH test cases 42.1.2.1.14, 42.1.2.1.15, 42.1.2.1.16, 42.1.2.1.17 and 42.1.2.1.18"	Alcatel	Approved
GP-031635	CR 51.010-2-131 Update PICS for 20.22.29	Alcatel	Revised
GP-031636	CR 51.010-2-131 rev 1 Update PICS for 20.22.29	Alcatel	Revised
GP-031638	CR 51.010-2-131 rev 2 Update PICS for 20.22.29	Alcatel	Approved
GP-031747	CR 51.010-2-133 Update applicability tables	Racal Instruments	Withdrawn
GP-031806	CR 51.010-2-134 Modification to Applicability Table due to addition of new testcases in 51.010-1	Setcom	Withdrawn
GP-031819	CR 51.010-2-135 Modification in the applicability of the following testcases: 42.3.1.1.8, 42.7.4, 52.3.1.1.8. Changing the name of the testcase 20.22.5.	Sasken	Revised
GP-032156	CR 51.010-2-135 rev 1 Modification in the applicability of the following testcases: 42.3.1.1.8, 42.7.4, 52.3.1.1.8. Changing the name of the testcase 20.22.5.	Sasken	Approved
GP-031875	CR 51.010-2-136 Editorial changes to Packet Enhanced Measurement Reporting	Ericsson	Approved
GP-031961	CR 51.010-2-137 Applicability for 2G to 3G Cell Change Order Test Cases	Motorola	Approved
GP-031974	CR 51.010-2-138 Update corresponding to changes to the DTM feature	Vodafone, Nokia	Approved
GP-032096	CR 51.010-2-139 Modification to Applicability Table due to Use of correct PICS for SMS testcases (34.4.1 to 34.4.7)	Setcom	Withdrawn
GP-032157	CR 51.010-2-140 Section 42: "New test cases: NC2 in Packet transfer mode	Alcatel	Approved
GP-032158	CR 51.010-2-141 Section 70: "New test case: Conventional GPS	Alcatel	Revised
GP-032178	CR 51.010-2-141 rev 1 Section 70: "New test case: Conventional GPS	Alcatel	Approved
GP-032159	CR 51.010-2-142 Section 43.1.2: "New test case: I_level reporting	Alcatel	Withdrawn
GP-032160	CR 51.010-2-143 26.16.10 splitted in two test cases	Wavecom	Approved
GP-031205	CR 51.021-018 Clarification of requirements for BSS IM attenuation for GSM 700, GSM 850 and PCS 1900 (Rel-4)	Ericsson	Approved
GP-031206	CR 51.021-019 Clarification of requirements for BSS IM attenuation for GSM 700, GSM 850 and PCS 1900 (Rel-5)	Ericsson	Approved

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GP-031207	CR 51.021-020 Clarification of requirements for BSS IM attenuation for GSM 700, GSM 850 and PCS 1900 (Rel-6)	Ericsson	Approved
GP-031210	CR 51.021-021 Alignment of receiver requirements with TS 45.005 (Rel-4)	Ericsson	Approved
GP-031211	CR 51.021-022 Alignment of receiver requirements with TS 45.005 (Rel-5)	Ericsson	Approved
GP-031212	CR 51.021-023 Alignment of receiver requirements with TS 45.005 (Rel-6)	Ericsson	Approved
GP-031213	CR 51.021-024 Clarification of requirements for Intra-BTS IM for GSM 700, GSM 850 and PCS 1900 (Rel-6)	Ericsson	Approved