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TSG SA#25

TSG GERAN Report to TSG-SA#25

TSG-GERAN Chairman
Niels Peter Skov Andersen
Motorola

Tdoc SP-040539

TSG GERAN #20 & #21

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- **GERAN #20**
  - **516 Documents addressed**
  - **342 CRs (including revisions)**
  - **103 delegates**
- **GERAN #21**
  - **549 Documents addressed**
  - **352 CRs (including revisions)**
  - **115 delegates**

Release 98 CRs – A-GPS corrections

- **Define rules for pseudo-segmentation of A-GPS Assistance Data**
- **Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS Postponed for offline checking**
- **Correction of the Real-Time Integrity field Postponed for offline checking**
- **General point that it really is time to stop making changes to R98 due to handsets in the field.**

Release 99 CRs – DTM

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- **Removal of TBF Starting Time in DTM ASSIGNMENT COMMAND message**
- **Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation**
- **Correction of the possible burst format used for PACKET CONTROL ACK in DTM mode**
- **Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection**
- **Abnormal cases related to DTM mode – A thorough review and associated CRs expected for next meeting**

Release 99 CRs – VGCS

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- **VGCS Target Mode Indication IEI**
- **Correction to Group Channel Description IE**

Release 5 CRs

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- **Introduction of support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (CRs to 45.008, 44.018 and 44.060)**

Release 6 – Multiple TBFs

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- **Removal of Uplink Control timeslot in RR Packet Uplink Assignment IE**
- **Applicability of Uplink Control timeslot for multiple TBFs in A/Gb mode**

Release 6 – U-TDOA

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- **CS domain**
  - **Removal of emergency services client type restriction from the U-TDOA location method changes has been agreed – SA3 being consulted on the protection of Kc in the Uplink TDOA location method to double check that agreed CR is alignment wit earlier agreement**
  - **Completed an frozen except for LMU performance specification**
- **Inclusion of PS functionality for U-TDOA location method still not completed**

MBMS

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- Channel coding: Agreement on re-use of existing GPRS/EGPRS coding schemes
- Multislot capability: Working assumption to be confirmed is support of 5 timeslot
- Feedback to TSG SA WG4 on radio layer performance assumption for simulations provided
- Good progress on GERAN MBMS Stage 2 agreements on, e.g:
  - Repeated IMMEDIATE ASSIGNMENT/PACKET UPLINK ASSIGNMENT procedure
  - MBMS channel reconfiguration
  - MBMS_BEARER_ID
  - Revisions to Sect. 6.3.1.1, Sect. 6.3.1.2 and Annex A.1.1
  - Lack of a p-t-m MBMS bearer establishment in the cell
- Completion within the Release 6 timeframe is at risk

PS HO

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- TS 43.129 Packet Switched Handover for GERAN A/Gb mode, Stage 2, v0.6.0
  - Status of all FFS statements to be checked
  - Draft CR agreed on security handling
- Topics dicussed
  - Containers, Security
- Not discussed
  - Packet Forwarding, NSAPI/SAPI/PFI Remapping

Flexible Layer One

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- **Main parts of FLO completed**
- **LS prepared to send to CN1 indicating that FLO for Iu mode is complete and requesting the introduction of a support bit in the MS RAC IE**
- **FLO for A/Gb still open and will most likely be post Release 6**

Streaming

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- **WI (Rel-6) marked as completed**

DTM enhancements

- **Addition of combined RAU or LAU procedure pending indication**

TEI6 CRs

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- **VGCS: Procedure to support reconfiguration of Voice Group Channel (44.018)**
- **DTM: Handling of Assignment Request in BSS**
- **DTM: Correction of the MS behaviour in case of receipt of Frequency Parameters IE in a downlink assignment message while in DTM mode Agreed**

TEI6 CRs

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- Wrong reference to GPRS suspend procedure
- Use of Real Time Difference and REP_PRIORITY parameters received in Measurement Information and/or SI2quater messages
- Clarification on the condition of SI2quater acquisition after leaving dedicated connection
- Clarification on monitoring of Si2quater message

SAIC/ARP

- **Single Antenna Interference Cancellation**
  - **Results of simulations for synchronous networks for CS services converge**
  - **Results for asynchronous networks show a potential gain**
  - **Results for 8-PSK interference show less gain for a 8-PSK modulated interferer compared to GMSK modulated interferer !**
- **Work items for Advanced Receiver Performance (ARP) approved and work commenced. Workplan for completion of ARP in Rel 6 timeframe has been agreed.**
- **SAIC Feasibility Study completed and approved - TR 45.903**

SAIC/ARP

- **Performance specification**
  - **Specification methodology being discussed and progressed between WG1 and WG3 experts to ensure feasibility of test of performance requirements**
  - **Could progress on definition of performance requirement scenarios**
  - **Good convergence of company simulations for most of the scenarios**
  - **November target date demanding but still considered possible.**

Generic Access to A/Gb Interface

- **Feasibility Study WI agreed in GERAN#20 (Bilbao)**
  - **Study the feasibility of defining a set of protocols enabling a MS to connect to the A/Gb interface using generic IP-based broadband connection such as through ADSL, Cable, alternate wireless, etc., without any modification of the A/Gb interface protocols.**
  - **Study feasibility to provide services available through conventional GERAN access using Um interface.**
  - **AdHoc held August 5-6, 2004 in Heathrow, London with discussions continuing in GERAN#21 (August 23-27), Montreal.**
- **Feasibility Study completed in GERAN#21 and TR placed under change control. Results captured in TR 43.901 v6.0.0. (See TDoc SP-040540)**

Generic Access to A/Gb Interface (2)

- **Conclusions of Feasibility Study:**
  - **Simple, cost-effective solution is feasible.**
  - **Possible to define a set of protocols that allow a MS to connect using generic IP based broadband connection, such as ADSL, Cable, alternate wireless access, etc., to the core network over the standard A/Gb interface.**
  - **MS connects to a new network node (Generic Access Network Controller) over a new interface (rather than standard Um interface); Generic Access Network Controller in turn connects to the core network using standard A/Gb interface.**
  - **New "radio resource" protocol to replace RR layer in GERAN needs to be defined; new layer provides identical functionality as seen by MM thus ensuring no modification to the MM protocols.**
  - **It was found useful to adopt the security mechanisms defined by SA WG3 for WLAN-Interworking (TS 33.234). SA WG3 requested to provide comments.**

Generic Access to A/Gb Interface (3)

- 3GPP Service Requirements Support
  - All the service requirements defined for the 3GPP system including support for SMS, MMS and IMS services that can be supported by GERAN, can be supported through Generic Access.
  - Support of services provided by the radio network such as CBS, VGCS, VBS cannot be supported in a generic manner.
  - Feasible to support CBS through alternate access-specific mechanisms such as multiple IP-unicast.
  - VGCS, VBS type of services would require access-specific dedicated support
  - MBMS support feasibility requires completion of final solution for Rel-6.
  - No substantial work required for defining new service requirements.
- Work Item to formally define set of protocols enabling support of generic access agreed.
- TSG SA WG1 asked to comment on Service Requirements Support

Other Topics

- **New Work Item - Feasibility study of enhanced support for video telephony service over GERAN via the A interface**
- **New Work Item - Toward A-GNSS concept**
  - **GERAN expect SA1 to modify their corresponding WI to a feature, to create visibility of the work. Then WI in GERAN will become building block of this feature**
- **CR on Introduction of GALILEO (Rel-7) and use of "GNSS" term was postponed awaiting requirements**

Testing - PTCRB

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- **Workplan for the Alignment of the PTCRB (PCS Type Certification Review Board) RFT's has been updated**
- **Outstanding activities:**
  - **RFT-002 MNC Mobile Network Code Ambiguity in specifications. The WG3 is developing the test cases, based on the R99 core specifications.**
  - **RFT-018 EDGE (L1) WG3 is being worked on test cases for BEP**
-

Testing - EXT. UP TBF

- **The WG3 has developed the Work Plan on Extended Uplink test cases.**
- **This work plan describes the activities at GERAN WG3 for drafting new test cases to cover EXTENDED UPLINK TBF testing properly in 3GPP TS 51.010.**
- **4 new test cases and the work plan is considered to be completed with addition of these 4 new test cases.**
- **LS to GCF and PTCRB reflacting the progress of the work.**

Testing – TTCN 2G → 3G Handover

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- **Procedure for approval of the TTCN for the 2G → 3G Handover test cases have been put in place**
- **Budget for and STF activity to maintain the TTCN has approved and ToR for the STF has been agreed by TSG GERAN**

Testing - BEP

- Test methods and procedure has been discussed:
  - Whether one or two phases approach would be appropriate for the BEP, BER testing.
  - Wheter all MCSs or only one MCS for GMSK and one MCS for 8-PSK should be tested?
- During the meeting two sessions related to BEP testing approaches have been conducted.
- It was agreed to investigate the new “One phase with interruption” proposal before the next meeting.

Testing - BEP

- A number of action points have been assigned including:
  - estimation on the
    - justification of the number of blocks
    - measurement period
      - by September 13 2004.
  - submitting of the high level description of the test method used by September 13 2004.
- Agreements (on the GERAN WG3 reflector) are expected during September 2004, unless any justified objections are made.
- A corresponding CR is being planed to be agreed at the next WG3 meeting.

Testing - SIM/USIM

- WG3 has received a Liaison Statement on tests in TS 51.010 in relation to GERAN MEs supporting the USIM.
- It was commented that the SIM test cases, as currently specified in section 27, are applicable for SIM capable and SIM/USIM capable GERAN terminals, as well as SIM/USIM capable Dual Mode terminals.
- At the same time it has been emphasize the appropriate “initial conditions” shall be established.
- The response liaison to T WG3 explaining that the specifications are adequate for all, up to REL5 releases has been send.

Testing - GPRS

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- **GERAN WG4 has received a number of CRs to section 41, 42, 43 and 44, of 51.010-1**
- **Although some new rests cases were proposed and agreed, the most of contributions are the corrections for the existing test cases.**
- **The corresponding tests for EGPRS (S51, S52, S53) for all relevant test cases were provided.**

Testing - EDGE

- A number of the CRs were presented for alignment with the corresponding changes done in the GPRS.
- Some new test cases were presented for all EGPRS radio signalling section in the 51.010-1 (S51, S52, S53)

Testing

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- There are still no input on the developing Test Cases (currently 0%) for the following Rel-5 features:
  - Alignment of 3G functional split and Iu
  - Wideband telephony services
  - Enhanced Power Control
  - AMR 8 PSK HR
-

Future TSG GERAN Plenary meetings

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TSG GERAN #22	**8-12 November 2004**	**Cape Town**
TSG GERAN #23	**24 – 28 January 2005**	**North America**
TSG GERAN #24	**04 – 08 April 2005**	
TSG GERAN #25	**20 – 24 June 2005**	**North America**
TSG GERAN #26	**29 August – 2 September 2005**	
TSG GERAN #27	**07 – 11 November 2005**	**North America**

Extract of GERAN work programme and list of CR handled at TSG GERAN #20 and TSG GERAN #21 are attached to this report

GERAN Background

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- **Work area of TSG GERAN**
- **TSG GERAN organisation**
- **Specification numbering**

TSG GERAN work area (1/2)

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

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

TSG GERAN work area (2/2)

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- 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

Organisation of TSG GERAN (1/4)

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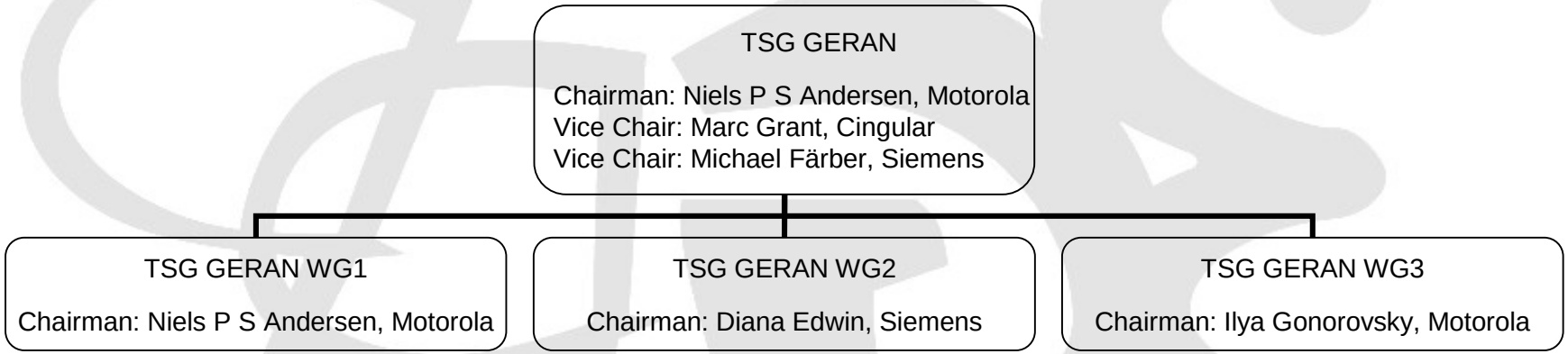

Organisation of TSG GERAN (2/4)

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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

Organisation of TSG GERAN (3/4)

TSG GERAN WG2 – Protocol Aspects

- **Chairman: Diana Edwin, Siemens**
- **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)

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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**

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=> (40+ab).0cd

  e.g

  05.08 => 45.008

Work Plan for 3GPP TSG GERAN – Reviewed at TSG GERAN #18

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

	Work items in this colour are closed or building blocks.

Feature	Building block	Work task	Level of completion	Start Date	Date of completion	Status
Alignment of 3G functional split and Iu (GER3GAL) GP-021256	GERAN user / control plane (GER3GAL-GUCOPL) GP-021255	• Alignment with UMTS bearer concept • Stage 2		Aug 2000	Jun 2001	Ready for R5.
		• Adoption of the UTRAN PDCP			Dec 2001	
		• Development of RLC / MAC			Aug 2002	
		• Development of GERAN RRC			Jun 2002	
		• Ciphering and integrity protection concept paper			Apr 2002	
		• Multiple TBF or equivalent Concept paper			Feb 2002	
		• Paging concept			Apr 2002	
		• Dedicated physical subchannels. Includes traffic and control channels			Nov 2001	
		• Iu support and broadcast concept			Apr 2002	
		• Impact of using RLC instead of LAPDm concept			Feb 2002	
		• Contention resolution, mobile-station identity, and access concept			Nov 2001	
		• PDCP concept			Apr 2002	
		• Downlink delayed TBF release			Aug 2002	
		• Add transparent RLC Concept			Feb 2002	
		• Handover concept			Feb 2002	
		• 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 • 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 bevolution GP-021253	• MS test	0%	August 2003		Under evaluation
	GERAN BTS Conformance test for GERAN interface evolution GP-021254	• BTS test	0%	August 2003		Under evaluation
Enhancement of Broadcast and Introduction of Multicast (in responsibility of TSG SA1)	Support of the Multimedia Broadcast Multicast Service (MBMS) in GERAN (MBMS-GERAN) GP-022566	• 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 Iu-ps interface • Interaction between MBMS and Iu-flex • Security aspects • MS conformance tests	60%	November 2002	November 2004	Started
Multiple TBF in A/Gb mode (MULTBF) **GP-021263**	Multiple TBF in A/Gb mode (MULTBF-Agbmode) GP-021263	• Multiple TBF Concept paper • Multiple TBF Stage 2 (43.064) CRs • Multiple TBF Stage 3 (44.060) CRs	100%	April 2002	August 2003	Completed

	Multiple TBF in A/Gb mode – MS testing GP-022098	• MS conformance tests	0%			Under Evaluation
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	100%	April 2002	April 2004	Completed
	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	100%	October 2002	June 2004	Completed
	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%	February 2004		Under Evaluation
	GERAN BTS Conformance test for the Flexible Layer One (FLOGER-BTSconf) GP-021023	• BTS Test in 51.021	0%	February 2004		Under Evaluation
Addition of frequency bands to GSM (TAPS) **GP-022072**	Addition of frequency bands to GSM – Changes to core specs (TAPS-Specs) GP-022073	• New frequency ranges • Scenarios for new frequencies • Classmark information elements • Add frequency ranges • Add frequency and channels • 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 2004	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	• MS test	0%			Under Evaluation
	GERAN BTS Conformance test for Enhanced Power Control GP-012751	• BTS test	0%			Under Evaluation
8PSK AMR HR (8PSK-AH) GP-012752	Definition of channel coding, performance requirements and signaling support GP-012753	• 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	• MS test	0%			
	GERAN BTS Conformance test for 8PSK HR GP-012755	• 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 • Channel coding in 45.003 • Signalling for A interface • Signalling for Iu • 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	• MS test	0%			Under Evaluation
	GERAN BTS Conformance test for WB AMR GP-000455	• BTS test	100%		Dec 2002	Closed

Single Antenna Receiver Interference Cancellation (SAIC) **GP-023400**	Single Antenna Receiver Interference Cancellation (SAIC)	• 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 SAICcapability.	100%	Nov 2002	August 2004	Closed
Uplink TDOA location determination for GSM, CS domain **GP-032773**	Uplink TDOA location determination for GSM, CS domain	Addition of U-TDOA in the CS domain	100%	November 2002	April 2004	Completed, except for potential LMU performance specs.
Uplink TDOA location determination for GPRS, PS domain **GP-032774**	Uplink TDOA location determination for GPRS, PS domain	Addition of U-TDOA in the PS domain	95	June 2003	November 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	• Technical Report	100%	Feb 2003	November 2003	Completed
	Stage 2 (SCSAGB-Stage2) GP-030445	• PS handover • SNDCP/LLC compression • Definition of radio resource management functionality • Modifications to FLO • Radio channel support	45%	Nov 2003	November 2004	Started
	Radio Channel Support (SCSAGB-RCS) GP-030446	• Radio channel support for Conversational QoS • Introduction of continuous measurement reporting	0%	Feb 2004	November 2004	Not Started
	Definition of radio resource management functionality (SCSAGB-RRM) GP-030447	• Addition/modification of radio resource management protocol layer	0%	Feb 2004	November 2004	Not Started
	PS Handover (SCSAGB-PSH) GP-030448	• BSSGP procedures for change of BSC • Bi-Casting • Context transfer	0%	Feb 2004	November 2004	Not Started
	Modifications to FLO (SCSAGB-FLO) GP-030449	• FLO specific impacts due to conversational QoS	0%	Feb 2004	November 2004	Not Started
Alignment between the test-regimes for GERAN capable MS **GP-032236**		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.	80%	June 2003	September 2004	Started

Downlink Advanced Receiver Performance (DARP) GP-041966	DARP test scenarios GP-041967	Interference test cases for 45.005	75%	November 2003	September 2004	Started
	DARP for GMSK modulated voice services GP-041968	Performance Requirements in 45.005 Radio subsystem link control in 45.008	30%	February 2004	November 2004	Started
	DARP for GPRS and EGPRS MCS1-MCS4 GP-041969	Performance Requirements in 45.005 Radio subsystem link control in 45.008	20%	February 2004	November 2004	Started
	DARP Capability signalling GP-041970	Modification of 24.008 for signalling of MS ARP capability	75%	November 2003	September 2004	Started
	GERAN MS Conformance test for ARP GP-041971	MS Test in 51.010	10%	August 2004	February 2005	Started
Reduction of PS service interruption in Dual Transfer Mode (PSintDTM) GP-032548	Reduction of PS service interruption in Dual Transfer Mode / Use case and requirement definition (PSintDTM-Req) GP-032549	Study of use cases and requirements. Areas for investigation are: • Cell change scenarios • CS channel establishment during PS session • CS channel release during PS session	100%	November 2003	April 2004	Started
	Reduction of PS service interruption in Dual Transfer Mode / Performance Study of Current Procedures (PSintDTM-Perf) GP-032550	Analyse performance of the common use cases to determine to what extent improvements are needed to the DTM procedures in GPRS.	100%	November 2003	April 2004	Started
	Reduction of PS service interruption in Dual Transfer Mode / Reduction of service interruption times and packet loss during Dual Transfer Mode and mobility procedures (PSintDTM-Reduct) GP-032551	Investigate changes needed to improve DTM procedures identified in this work item.	80%	February 2004	November 2004	Started
	Reduction of PS service interruption in Dual Transfer Mode / MS Conformance testing	MS Conformance testing (51.010)	0%	June 2004		Under Evaluation

	Reduction of PS service interruption in Dual Transfer Mode / BTS Conformance testing	BTS Conformance testing	0%	June 2004		Under Evaluation
FS: Generic Access to A/Gb Interface (GP-041592) (GAAG)	Generic Access to A/Gb Interface	Determine the feasibility of generic IP based access to A/Gb interface.	100%	January 2005	January 2005	Not Started
Global Navigation Satellite Systems (GNSS) (GP-0422268)	Support for GNSS in GERAN	To include the capability of Assisted GALILEO as an Assisted GNSS into the GERAN.	0%	April 2005	April 2005	Not Started
FS of enhanced support of Video Telephony (GP-042221) (VIDGER)	Feasibility study of enhanced support for video telephony service over GERAN via the A interface	To enhance performance of video telephony service over GERAN via the A interface.	0%	January 2005	January 2005	Not Started
Generic Access to the A/Gb Interface (GP-042247) (GAAI)	Generic IP based Access to A/Gb interface – Stage 2	Stage 2 for Generic Access to the A/Gb Interface	0%	April 2005	April 2005	Not Started
	Generic IP based Access to A/Gb interface – Stage 3	Stage 3 for Generic Access to the A/Gb Interface	0%	April 2005	April 2005	Not Started
	MS Conformance Test for Generic Access to A/Gb Interface	MS Conformance Test for Generic Access to A/Gb Interface	0%	June 2005	June 2005	Not Started
Enhancements of VGCS in public networks for communication of public authority officials GP-041837 (EVGCS)	Enhancements of VGCS in public networks for communication of public authority officials	Enhancements of VGCS in public networks for communication of public authority officials	0%	April 2005	April 2005	Not Started

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 Iu ps	• Identification of GERAN requirements on Iu ps • Update of specifications			Nov 2001 Mar 2002	Ready for R5. Closed
GERAN/UTRAN interface evolution 2 GP-010417	Evolution of Iu cs GP-000430	• Identification of GERAN requirements on Iu cs • 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	• Handover and Cell Selection / Reselection to UTRA 1.28Mcps TDD				Ready for R4. Closed
GERAN improvements 1 GP-000433	Gb over IP GP-000434	IP-fication of Gb • Concept • Changes to 08.16, 08.18				Ready for R4. Closed
GERAN improvements 3 GP-010909	Evolution of the transport for A GP-010910	• Definition of a new A/Ater Interface Transport Layer option based on the Iu 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) • 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) 48.018			Apr 2002	Ready for R5. Closed
	Modification of core network protocols for GERAN Inter BSC NACC for Gb interface GP-011877	Stage 2 • Concept • 23.060 change – Definition of Inter BSC NACC Stage 3 (changes to) • 29.060			Nov 2001 Apr 2002	
GERAN support for IP multimedia GP-010420	GERAN Header adaptation GP-010421	Header adaptation: • Definition of compression for PDCP protocol • Conceptual description in stage 2 • Necessary changes on stage 3	100%		Sept 2000 Oct 2001 Dec 2002	Ready for Rel-5. Closed
	GERAN Radio access bearer design for IP multimedia GP-010422	MuM control signalling for conversational multimedia services. • Identification of requirements • Necessary modifications due to SIP	?%		Feb 2002 Dec 2002	Terminated. Not standardised
	GERAN MS Conformance test for support of IP multimedia GP-010424	• MS test	0%		Dec 2002	Terminated. Not standardised

	GERAN BTS Conformance test for support of IP multimedia GP-010425	• 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	• Concept document 23.060 (changes to) – Flow Control			June 2002 June 2002	Closed
	Modification of BSSGP protocol GP-021508	Stage 3 (changes to) • 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	• Concept • RLC protocol enhancement (SDU Discard)			Oct 2001 Nov 2001????	Ready for R5. Closed
GERAN enhancements for streaming services 2 GP-010430	GERAN enhancements for streaming services 2 GP-010430	Usage of ECSD Stage 2 Stage 3 • RLC PDU formats • MAC header			Jun 2001 Jun 2002	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	Stage 2 (changes to) • 43.051 Introduction of support for IDNNS in GERAN Iu mode Stage 3 (changes to) • 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	Handover for the packet switched domain • 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	• Performing of a feasibility study			Jun 2002	Closed for R6.
700 MHz spectrum support GP-000449	GERAN support for the 700 MHz band	• Signaling support • Physical layer definitions • Receiver performance and RF budget				Ready for R4. Closed

	GERAN MS Conformance test for 700 MHz band GP-000451	• MS test			Jun 2001	Closed
	GERAN BTS Conformance test for GERAN interface evolution GP-000452	• BTS test	100%		Dec 2002	Closed
Enhanced A/Gb feasibility study **GP-022565**	Enhanced A/Gb feasibility study GP-022565	• 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	• MS Conformance Testing of Dual Transfer Mode	100%		Feb 2003	Closed at GERAN #14
Location service (UMTS)	LCS interoperability aspects to GERAN GP-000456	• 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	• Work for aligning LCS R4 CN and GERAN				Ready for R4. Closed
	Location Services (LCS) for GERAN in A/Gb Mode GP-011925	• GERAN LCS Stage Two • Gb interface support for LCS • L3 protocol support for LCS • Stage 3 specifications			Feb. 2002	Ready for Rel-5. Closed
	Location Services (LCS) for GERAN in Iu Mode GP-011926	• 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	• 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-BTSconf) GP-000459	• Develop LCS BTS test case work plan (Release 98/99/4) • Develop LCS BTS test cases	0%		June 2004	Closed without progress at GERAN #19
Seamless support of streaming services in A/Gb mode (SSStrea) **GP-022561**	Identification of requirements for streaming GP-022564	• Requirements	100%	August 2002	August 2003	Completed at GERAN #16
	Performance study of cell change mechanisms GP-022562	• Performance of NACC • Performance of cell change in DTM for the PS domain • Handover	100%	August 2002	August 2003	Completed at GERAN #16
	Reduction of service interruption times and packet loss during mobility procedures GP-022563	• Optimisations of existing mechanisms/procedures • Inter-system NACC • PS Handover (within GERAN and between GERAN and UTRAN) • Dependency to other features	100%	January 2003	November 2003	Completed at GERAN #17
	MS conformance testing GP-023424	• MS conformance tests	0%	Septembe r 2003	January 2004	Closed, no work needed.
GERAN improvements 2 (GEIMP2) GP-012812	Gb enhancements GP-000436	Intra BSC NACC • 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	Changes in 51.010	100%	Nov 2001	November 2003	Completed at GERAN #17

3GPP TSG GERAN
Meeting no 20
Bilbao; Spain
21 – 25 June 2004

Status of Change Requests presented to TSG GERAN #20 and TSG GERAN #21

Tdoc	Title	Source	Status
GP-041775	CR 03.55-A004 Correction to downlink power control for DTM (R99)	Siemens	Revised
GP-042176	CR 03.55-A004 rev 1 Correction to downlink power control for DTM (R99)	Siemens	Revised
GP-042251	CR 03.55-A004 rev 2 Correction to downlink power control for DTM (R99)	Siemens	Postponed
GP-041829	CR 03.55-A005 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-99)	Motorola	Revised
GP-042110	CR 03.55-A005 rev 1 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (R99) (R99)	Motorola	Approved
GP-041389	CR 03.68-Axxx Correction of the MSC-GCR scenarios	Alcatel	NA
GP-041533	CR 04.14-A019 Correction to EGPRS Switched Radio Block Loopback Mode (R99)	Nokia	Revised
GP-041610	CR 04.14-A019 rev 1 Correction to EGPRS Switched Radio Block Loopback Mode (R99)	Nokia	Approved
GP-041282	CR 04.18-A285 Correction of the CSN.1 coding of the SI10 Rest Octets to be used for ASCI (R99)	Alcatel	Approved
GP-041385	CR 04.18-A286 NLN status change due to priority change	Alcatel	Withdrawn
GP-041429	CR 04.18-A287 Ambiguous definition of SI2ter Rest Octets (Rel 99)	Motorola	Revised
GP-041596	CR 04.18-A287 rev 1 Ambiguous definition of SI2ter Rest Octets (Rel 99)	Motorola	Approved
GP-041547	CR 04.18-A288 Clarification of P-TMSI and Mobile Identity usage in Packet Notification message (R99)	Alcatel	Withdrawn
GP-041622	CR 04.18-A289 Correction of DTM output power control (R99)	Nokia	Approved

Tdoc	Title	Source	Status
GP-041838	CR 04.18-A290 VGCS Target Mode Indication IEI (R99)	Siemens	Approved
GP-041842	CR 04.18-A291 Correction to Group Channel Description IE (R99)	Siemens	Approved
GP-041946	CR 04.18-A292 DTM Co-ordination Enhancement (R99)	Nokia	Withdrawn
GP-042102	CR 04.18-A293 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (R99)	Motorola	Revised
GP-042215	CR 04.18-A293 rev 1 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (R99)	Motorola	Revised
GP-042272	CR 04.18-A293 rev 2 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (R99)	Motorola	Approved
GP-041283	CR 04.31-A102 rev 3 Correction of inconsistencies between RRLP and MAP specification (R98)	Qualcomm Europe S.A.R.L.	Approved
GP-041284	CR 04.31-A103 rev 3 Correction of inconsistencies between RRLP and MAP specification (R99)	Qualcomm Europe S.A.R.L.	Approved
GP-041285	CR 04.31-A104 Correction of A-GPS Doppler0, Doppler1, Azimuth, Elevation (R98)	Siemens AG	Approved
GP-041286	CR 04.31-A105 Correction of A-GPS Doppler0, Doppler1, Azimuth, Elevation (R99)	Siemens AG	Approved
GP-041541	CR 04.31-A108 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (R99)	Global Locate	Revised
GP-041606	CR 04.31-A108 rev 1 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (R99)	Global Locate	Withdrawn
GP-041605	CR 04.31-A109 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (R98)	Global Locate	Withdrawn
GP-041669	CR 04.31-A110 Clarification of GPSTOW in Reference Time (R98)	Ericsson	Approved
GP-041670	CR 04.31-A111 Clarification of GPSTOW in Reference Time (R99)	Ericsson	Approved
GP-041913	CR 04.31-A112 Define rules for pseudo-segmentation of A-GPS Assistance Data (R98)	Siemens AG	Revised
GP-042122	CR 04.31-A112 rev 1 Define rules for pseudo-segmentation of A-GPS Assistance Data (R98)	Siemens AG	Approved
GP-041914	CR 04.31-A113 Define rules for pseudo-segmentation of A-GPS Assistance Data (R99)	Siemens AG	Revised

Tdoc	Title	Source	Status
GP-042123	CR 04.31-A113 rev 1 Define rules for pseudo-segmentation of A-GPS Assistance Data (R99)	Siemens AG	Approved
GP-041978	CR 04.31-A114 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R98)	Ericsson	Revised
GP-042117	CR 04.31-A114 rev 1 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R98)	Ericsson	Postponed
GP-041979	CR 04.31-A115 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R99)	Ericsson	Revised
GP-042118	CR 04.31-A115 rev 1 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R99)	Ericsson	Postponed
GP-042004	CR 04.31-A116 Correction of the Real-Time Integrity field (Rel98)	Alcatel	Postponed
GP-042005	CR 04.31-A117 Correction of the Real-Time Integrity field (R99)	Alcatel	Postponed
GP-041263	CR 04.60-B133 Applicability of individual NC parameters. (R99)	Nokia	Revised
GP-041719	CR 04.60-B133 rev 1 Applicability of individual NC parameters. (R99)	Nokia	Approved
GP-041340	CR 04.60-B134 Correction of the QoS change procedure (R99)	Melco Mobile Communication Europe	Withdrawn
GP-041433	CR 04.60-B135 Two different definitions for “GPRS 3G MEASUREMENT PARAMETERS Description struct” (Rel 99)	Motorola	Withdrawn
GP-041437	CR 04.60-B136 Error in CSN-1 encoding (Rel 99)	Motorola	Revised
GP-041601	CR 04.60-B136 rev 1 Error in CSN-1 encoding (Rel 99)	Motorola	Approved
GP-041821	CR 04.60-B137 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (R99)	Motorola	Revised
GP-042106	CR 04.60-B137 rev 1 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (R99)	Motorola	Approved
GP-041825	CR 04.60-B138 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (R99) – Withdrawn	Motorola	Withdrawn

Tdoc	Title	Source	Status
GP-041907	CR 04.60-B139 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (R99)	Nokia	Revised
GP-042127	CR 04.60-B139 rev 1 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (R99)	Nokia	Approved
GP-042060	CR 05.01-A037 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (R99)	Ericsson, TeliaSonera, TIM	Rejected
GP-042064	CR 05.03-A048 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (R99)	Ericsson, TeliaSonera, TIM	Rejected
GP-042068	CR 05.05-A217 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (R99)	Ericsson, TeliaSonera, TIM	Rejected
GP-041261	CR 05.08-A377 Applicability of individual NC parameters. (R99)	Nokia	Approved
GP-041692	CR 05.08-A378 Correction of DTM Output Power Control (R99)	Nokia	Approved
GP-041918	CR 05.08-A379 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-99)	Teliasonera	Approved
GP-042256	CR 05.08-A380 rev 1 Downlink power control for DTM (R99)	Siemens	Postponed
GP-042181	CR 05.08-A380 Downlink power control for DTM (R99)	Siemens	Revised
GP-041373	CR 08.08-A251 Group Call Reference to be included in ASSIGNMENT REQUEST in case of Group Call	Alcatel	Withdrawn
GP-041377	CR 08.08-A252 Talker Flag in ASSIGNMENT REQUEST and HANDOVER REQUEST messages	Alcatel	Rejected
GP-041381	CR 08.08-A253 Mismatch case between the Preemption Vulnerability Indicator value and Assignment Requirement	Alcatel	Rejected
GP-041850	CR 08.08-A254 Assignment Request handling in the case of DTM (R99)	Siemens	Withdrawn
GP-042136	CR 24.008 Addition of DTM enhancements capability (Rel-6)	Nokia	NA
GP-042022	CR 24.008-xxx Addition of DTM enhancements capability (Rel 6)	Nokia	NA
GP-041488	CR 43.055-016 Addition of DTM enhancements	Nokia	Revised
GP-041680	CR 43.055-016 rev 1 Addition of DTM enhancements	Nokia	Approved

Tdoc	Title	Source	Status
GP-041473	CR 43.055-017 Conditions for the NAS registration procedures (Rel-6)	Infineon AG	Revised
GP-041679	CR 43.055-017 rev 1 Conditions for the NAS registration procedures (Rel-6)	Infineon AG	Revised
GP-041696	CR 43.055-017 rev 2 Conditions for the NAS registration procedures (Rel-6)	Infineon AG	Approved
GP-041474	CR 43.055-018 Usage of main DCCH in DTM (Rel-6)	Infineon AG	Approved
GP-041568	CR 43.055-019 Correction to downlink power control for DTM (Rel-6)	Motorola, Siemens	Revised
GP-041723	CR 43.055-019 rev 1 Correction to downlink power control for DTM (Rel-6)	Motorola, Siemens	Revised
GP-041724	CR 43.055-019 rev 2 Correction to downlink power control for DTM (Rel-6)	Motorola, Siemens	Postponed
GP-041778	CR 43.055-019 rev 2 Correction to downlink power control for DTM (Rel-6)	Siemens	Revised
GP-042179	CR 43.055-019 rev 3 Correction to downlink power control for DTM (Rel-6)	Siemens	Revised
GP-042254	CR 43.055-019 rev 4 Correction to downlink power control for DTM (Rel-6)	Siemens	Postponed
GP-041776	CR 43.055-020 Correction to downlink power control for DTM (Rel-4)	Siemens	Revised
GP-042177	CR 43.055-020 rev 1 Correction to downlink power control for DTM (Rel-4)	Siemens	Revised
GP-042252	CR 43.055-020 rev 2 Correction to downlink power control for DTM (Rel-4)	Siemens	Postponed
GP-041777	CR 43.055-021 Correction to downlink power control for DTM (Rel-5)	Siemens	Revised
GP-042178	CR 43.055-021 rev 1 Correction to downlink power control for DTM (Rel-5)	Siemens	Revised
GP-042253	CR 43.055-021 rev 2 Correction to downlink power control for DTM (Rel-5)	Siemens	Postponed
GP-041830	CR 43.055-022 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-4)	Motorola	Revised
GP-042111	CR 43.055-022 rev 1 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-4) (Rel-4)	Motorola	Approved

Tdoc	Title	Source	Status
GP-041831	CR 43.055-023 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-5)	Motorola	Revised
GP-042112	CR 43.055-023 rev 1 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-5) (Rel-5)	Motorola	Approved
GP-041832	CR 43.055-024 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-6)	Motorola	Revised
GP-042113	CR 43.055-024 rev 1 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-6) (Rel-6)	Motorola	Approved
GP-041856	CR 43.055-025 Handling of Assignment Request in BSS (Rel-6)	Siemens	Revised
GP-042204	CR 43.055-025 rev 1 Handling of Assignment Request in BSS (Rel-6)	Siemens	Aprroved
GP-041857	CR 43.055-026 Alignment of stage 2 with stage 3 for DTM (Rel-6)	Siemens	Revised
GP-042205	CR 43.055-026 rev 1 Alignment of stage 2 with stage 3 for DTM (Rel-6)	Siemens	Postponed
GP-042023	CR 43.055-027 Addition of combined RAU or LAU procedure pending indication (Rel 6)	Nokia	Revised
GP-042133	CR 43.055-027 rev 1 Addition of combined RAU or LAU procedure pending indication (Rel-6)	Nokia	Revised
GP-042278	CR 43.055-027 rev 2 Addition of combined RAU or LAU procedure pending indication (Rel-6)	Nokia	Approved
GP-041274	CR 43.059-051 rev 4 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Revised
GP-041675	CR 43.059-051 rev 5 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Postponed
GP-041751	CR 43.059-051 rev 5 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Revised
GP-042139	CR 43.059-051 rev 6 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Postponed
GP-042083	CR 43.059-052 Introduction of GNSS concept (Rel-7)	Alcatel	Postponed
GP-041489	CR 43.064-023 Addition of DTM enhancements	Nokia	Approved
GP-042016	CR 43.064-024 Data rates for GPRS (Rel-6)	Siemens	Approved

Tdoc	Title	Source	Status
GP-041390	CR 43.068-xxx Correction of the MSC-GCR scenarios	Alcatel	NA
GP-041391	CR 43.068-xxx Correction of the MSC-GCR scenarios	Alcatel	NA
GP-041392	CR 43.068-xxx Correction of the MSC-GCR scenarios	Alcatel	NA
GP-041534	CR 44.014-010 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 4)	Nokia	Revised
GP-041611	CR 44.014-010 rev 1 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 4)	Nokia	Approved
GP-041535	CR 44.014-011 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 5)	Nokia	Revised
GP-041612	CR 44.014-011 rev 1 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 5)	Nokia	Approved
GP-041536	CR 44.014-012 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 6)	Nokia	Revised
GP-041613	CR 44.014-012 rev 1 Correction to EGPRS Switched Radio Block Loopback Mode (Rel 6)	Nokia	Approved
GP-041407	CR 44.018-089 rev 6 RIM and NACC clean-up (Rel-5)	Siemens, Nortel	Postponed
GP-041287	CR 44.018-316 rev 3 Release dedicated channel of talker in Voice group call (Rel-6)	Motorola	Approved
GP-041288	CR 44.018-331 Correction of the CSN.1 coding of the SI10 Rest Octets to be used for ASCI (Rel-6)	Alcatel	Approved
GP-041289	CR 44.018-332 rev 1 Editorial corrections on Notification List Number and NLN status (Rel-6)	Alcatel	Approved
GP-041290	CR 44.018-333 Correction of the CSN.1 coding of the SI10 Rest Octets to be used for ASCI (Rel-4)	Alcatel	Approved
GP-041291	CR 44.018-334 Correction of the CSN.1 coding of the SI10 Rest Octets to be used for ASCI (Rel-5)	Alcatel	Approved
GP-041350	CR 44.018-335 Clarification on the CS channel to use in case of failure in the re-establishment of packet resources in DTM mode (Rel 6)	Motorola	Postponed
GP-041352	CR 44.018-336 Logical channel to be used to send Packet Assignment message (Rel 6)	Motorola	Revised
GP-041705	CR 44.018-336 rev 1 Logical channel to be used to send Packet Assignment message (Rel 6)	Motorola	Approved
GP-041386	CR 44.018-337 NLN status change due to priority change	Alcatel	Withdrawn
GP-041387	CR 44.018-338 NLN status change due to priority change	Alcatel	Withdrawn

Tdoc	Title	Source	Status
GP-041388	CR 44.018-339 NLN status change due to priority change	Alcatel	Revised
GP-041595	CR 44.018-339 rev 1 NLN status change due to priority change	Alcatel	Revised
GP-041714	CR 44.018-339 rev 2 NLN status change due to priority change	Alcatel	Revised
GP-041718	CR 44.018-339 rev 3 NLN status change due to priority change	Alcatel	Approved
GP-041461	CR 44.018-340 Incorrect length of SI14 rest octets (Rel-4)	Infineon AG	Approved
GP-041462	CR 44.018-341 Incorrect length of SI14 rest octets (Rel-5)	Infineon AG	Approved
GP-041463	CR 44.018-342 Incorrect length of SI14 rest octets (Rel-6)	Infineon AG	Approved
GP-041476	CR 44.018-343 Definition of the term "signaling" (Rel-6)	Infineon AG	Revised
GP-041628	CR 44.018-343 rev 1 Definition of the term "signaling" (Rel-6)	Infineon AG	Revised
GP-041730	CR 44.018-343 rev 2 Definition of the term "signaling" (Rel-6)	Infineon AG	Approved
GP-041477	CR 44.018-344 TLLI type in the GPRS SUSPENSION REQUEST message (Rel-6)	Infineon AG	Approved
GP-041430	CR 44.018-345 Ambiguous definition of SI2ter Rest Octets (Rel 4)	Motorola	Revised
GP-041597	CR 44.018-345 rev 1 Ambiguous definition of SI2ter Rest Octets (Rel 4)	Motorola	Approved
GP-041431	CR 44.018-346 Ambiguous definition of SI2ter Rest Octets (Rel 5)	Motorola	Revised
GP-041598	CR 44.018-346 rev 1 Ambiguous definition of SI2ter Rest Octets (Rel 5)	Motorola	Approved
GP-041432	CR 44.018-347 Ambiguous definition of SI2ter Rest Octets (Rel 6)	Motorola	Revised
GP-041599	CR 44.018-347 rev 1 Ambiguous definition of SI2ter Rest Octets (Rel 6)	Motorola	Approved
GP-041548	CR 44.018-348 Clarification of P-TMSI and Mobile Identity usage in Packet Notification message (Rel 4)	Alcatel	Withdrawn
GP-041549	CR 44.018-349 Clarification of P-TMSI and Mobile Identity usage in Packet Notification message (Rel 5)	Alcatel	Withdrawn
GP-041550	CR 44.018-350 Clarification of P-TMSI and Mobile Identity usage in Packet Notification message (Rel 6)	Alcatel	Withdrawn

Tdoc	Title	Source	Status
GP-041565	CR 44.018-351 Clarifications and corrections on the Usage of Parameters for Measurements and Reporting (Rel-6)	STMicroelectronics	Postponed
GP-041623	CR 44.018-352 Correction of DTM output power control (Rel-4)	Nokia	Approved
GP-041624	CR 44.018-353 Correction of DTM output power control (Rel-5)	Nokia	Approved
GP-041625	CR 44.018-354 Correction of DTM output power control (Rel-6)	Nokia	Approved
GP-041748	CR 44.018-355 Procedure to support reconfiguration of Voice Group Channel	Motorola	Revised
GP-042199	CR 44.018-355 rev 1 Procedure to support reconfiguration of Voice Group Channel (Rel-6)	Motorola	Revised
GP-042276	CR 44.018-355 rev 2 Procedure to support reconfiguration of Voice Group Channel (Rel-6)	Motorola	Approved
GP-041944	CR 44.018-356 RR procedures related to packet resource release while in dual transfer mode (Rel 6)	LG	Withdrawn
GP-041839	CR 44.018-357 VGCS Target Mode Indication IEI (Rel 4)	Siemens	Approved
GP-041840	CR 44.018-358 VGCS Target Mode Indication IEI (Rel 5)	Siemens	Approved
GP-041841	CR 44.018-359 VGCS Target Mode Indication IEI (Rel 6) (Rel 6)	Siemens	Approved
GP-041843	CR 44.018-360 Correction to Group Channel Description IE (Rel 4)	Siemens	Approved
GP-041844	CR 44.018-361 Correction to Group Channel Description IE (Rel 5)	Siemens	Approved
GP-041845	CR 44.018-362 Correction to Group Channel Description IE (Rel 6)	Siemens	Approved
GP-041854	CR 44.018-363 Resource preference in congestion situations for DTM (Rel-6)	Siemens	Rejected
GP-041855	CR 44.018-364 Handling failure of re-establishing packet resource in DTM Resource Reallocation (Rel-6)	Siemens	Withdrawn
GP-041846	CR 44.018-365 Timing advance in DTM (Rel 6)	Siemens	Revised
GP-042203	CR 44.018-365 rev 1 Timing advance in DTM (Rel-6)	Siemens	Withdrawn
GP-041847	CR 44.018-366 Introduction of new VGCS/VBS ciphering mechanism	Siemens	Revised

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GP-042202	CR 44.018-366 rev 1 Introduction of new VGCS/VBS ciphering mechanism (Rel-6)	Siemens	Withdrawn
GP-041848	CR 44.018-367 Frequency Redefinition enhancement	Siemens	Withdrawn
GP-042028	CR 44.018-368 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Revised
GP-042211	CR 44.018-368 rev 1 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Approved
GP-042029	CR 44.018-369 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Revised
GP-042212	CR 44.018-369 rev 1 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Revised
GP-042274	CR 44.018-369 rev 2 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Approved
GP-041948	CR 44.018-370 DTM Co-ordination Enhancement (Rel-5)	Nokia	Withdrawn
GP-041949	CR 44.018-371 DTM Co-ordination Enhancement (Rel-6)	Nokia	Withdrawn
GP-042017	CR 44.018-372 Editorial corrections	Siemens	Approved
GP-042018	CR 44.018-373 Wrong reference to GPRS suspend procedure	Infineon	Revised
GP-042208	CR 44.018-373 rev 1 Wrong reference to GPRS suspend procedure (Rel-6)	Infineon	Approved
GP-042019	CR 44.018-374 Wrong references in SI2quater rest octets	Infineon	Withdrawn
GP-042020	CR 44.018-375 Addition of DTM enhancements (Rel 6)	Nokia	Revised
GP-042135	CR 44.018-375 rev 1 Addition of DTM enhancements (Rel-6)	Nokia	Revised
GP-042281	CR 44.018-375 rev 2 Addition of DTM enhancements (Rel-6)	Nokia	Approved
GP-042036	CR 44.018-376 Removal of Uplink Control timeslot in RR Packet Uplink Assignment IE (Rel-6)	Siemens	Revised
GP-042131	CR 44.018-376 rev 1 Removal of Uplink Control timeslot in RR Packet Uplink Assignment IE (Rel-6)	Siemens	Approved

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GP-041958	CR 44.018-377 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Revised
GP-042174	CR 44.018-377 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Postponed
GP-041959	CR 44.018-378 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Revised
GP-042175	CR 44.018-378 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Postponed
GP-042103	CR 44.018-379 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-4)	Motorola	Revised
GP-042285	CR 44.018-379 rev 1 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-4)	Motorola	Approved
GP-042104	CR 44.018-380 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-5)	Motorola	Revised
GP-042286	CR 44.018-380 rev 1 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-5)	Motorola	Approved
GP-042105	CR 44.018-381 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-6)	Motorola	Revised
GP-042287	CR 44.018-381 rev 1 Starting Time in DTM ASSIGMENT COMMAND and in PACKET ASSIGNMENT message (Rel-6)	Motorola	Approved
GP-042056	CR 44.018-382 Clarifications on modification of measurement parameters due MP_CHANGE_MARK change (Rel-6)	STMicroelectronics	Withdrawn
GP-042057	CR 44.018-383 Clarification on measurement reporting in case of BA_IND and/or MP_CHANGE_MARK change (Rel-6)	STMicroelectronics	Postponed
GP-041947	CR 44.018-384 DTM Co-ordination Enhancement (Rel-4)	Nokia	Withdrawn
GP-042052	CR 44.018-385 Use of Real Time Difference and REP_PRIORITY parameters received in Measurement Information and/or SI2quater messages. (Rel-6)	STMicroelectronics	Approved
GP-042053	CR 44.018-386 Clarification on the condition of SI2quater acquisition after leaving dedicated connection (Rel-6)	STMicroelectronics	Revised

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GP-042209	CR 44.018-386 rev 1 Clarification on the condition of SI2quater acquisition after leaving dedicated connection (Rel-6)	STMicroelectronics	Approved
GP-042055	CR 44.018-387 Clarification on monitoring of Si2quater message (Rel-6)	STMicroelectronics	Revised
GP-042210	CR 44.018-387 rev 1 Clarification on monitoring of Si2quater message (Rel-6)	STMicroelectronics	Approved
GP-041292	CR 44.031-099 rev 3 Correction of inconsistencies between RRLP and MAP specification (R4)	Qualcomm Europe S.A.R.L.	Approved
GP-041514	CR 44.031-100 rev 3 Clarification of GPSTOW in Reference Time	Ericsson	Revised
GP-041673	CR 44.031-100 rev 4 Clarification of GPSTOW in Reference Time (Rel-6)	Ericsson	Approved
GP-041515	CR 44.031-101 rev 2 Support of high-accuracy timing assistance for AGPS.	Ericsson	Revised
GP-041630	CR 44.031-101 rev 3 Support of high-accuracy timing assistance for AGPS.	Ericsson	Withdrawn
GP-041293	CR 44.031-102 rev 3 Correction of inconsistencies between RRLP and MAP specification (R5)	Qualcomm Europe S.A.R.L.	Approved
GP-041294	CR 44.031-103 rev 3 Correction of inconsistencies between RRLP and MAP specification (R6)	Qualcomm Europe S.A.R.L.	Approved
GP-041295	CR 44.031-104 Correction of A-GPS Doppler0, Doppler1, Azimuth, Elevation (Rel-4)	Siemens AG	Approved
GP-041296	CR 44.031-105 Correction of A-GPS Doppler0, Doppler1, Azimuth, Elevation (Rel-5)	Siemens AG	Approved
GP-041297	CR 44.031-106 Correction of A-GPS Doppler0, Doppler1, Azimuth, Elevation (Rel-6)	Siemens AG	Approved
GP-041542	CR 44.031-110 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 4)	Global Locate	Revised
GP-041607	CR 44.031-110 rev 1 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 4)	Global Locate	Withdrawn
GP-041543	CR 44.031-111 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 5)	Global Locate	Revised
GP-041608	CR 44.031-111 rev 1 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 5)	Global Locate	Withdrawn
GP-041544	CR 44.031-112 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 6)	Global Locate	Revised

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GP-041609	CR 44.031-112 rev 1 Clarification of accuracy of GPS time stamp (TOW) in MS Assisted GPS measurements (Rel 6)	Global Locate	Withdrawn
GP-041671	CR 44.031-113 Clarification of GPSTOW in Reference Time (Rel-4)	Ericsson	Approved
GP-041672	CR 44.031-114 Clarification of GPSTOW in Reference Time (Rel-5)	Ericsson	Approved
GP-041915	CR 44.031-115 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel 4)	Siemens AG	Revised
GP-042124	CR 44.031-115 rev 1 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel-4)	Siemens AG	Approved
GP-041916	CR 44.031-116 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel 5)	Siemens AG	Revised
GP-042125	CR 44.031-116 rev 1 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel-5)	Siemens AG	Approved
GP-041917	CR 44.031-117 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel 6)	Siemens AG	Revised
GP-042126	CR 44.031-117 rev 1 Define rules for pseudo-segmentation of A-GPS Assistance Data (Rel-6)	Siemens AG	Approved
GP-041980	CR 44.031-118 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-4)	Ericsson	Revised
GP-042119	CR 44.031-118 rev 1 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-4)	Ericsson	Postponed
GP-041981	CR 44.031-119 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-5)	Ericsson	Revised
GP-042120	CR 44.031-119 rev 1 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-5)	Ericsson	Postponed
GP-041982	CR 44.031-120 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-6)	Ericsson	Revised
GP-042121	CR 44.031-120 rev 1 Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-6)	Ericsson	Postponed
GP-042006	CR 44.031-121 Correction of the Real-Time Integrity field (Rel 4)	Alcatel	Postponed

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GP-042007	CR 44.031-122 Correction of the Real-Time Integrity field (Rel 5)	Alcatel	Postponed
GP-042008	CR 44.031-123 Correction of the Real-Time Integrity field (Rel 6)	Alcatel	Postponed
GP-042011	CR 44.031-124 Introduction of GALILEO (Rel 6)	Alcatel	Revised
GP-042075	CR 44.031-124 rev 1 Introduction of GALILEO (Rel 7)	Alcatel	Postponed
GP-041484	CR 44.060-499 rev 3 Segmentation of LLC PDUs and change of radio priority	Nokia	Withdrawn
GP-041298	CR 44.060-519 rev 2 Introduction of extended RLC/MAC control message segmentation (Rel-6)	Nokia	Approved
GP-041264	CR 44.060-521 Applicability of individual NC parameters. (Rel-4)	Nokia	Revised
GP-041720	CR 44.060-521 rev 1 Applicability of individual NC parameters. (Rel-4)	Nokia	Approved
GP-041309	CR 44.060-522 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-4)	Motorola	Revised
GP-041614	CR 44.060-522 rev 1 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-4)	Motorola	Approved
GP-041310	CR 44.060-523 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-5)	Motorola	Revised
GP-041615	CR 44.060-523 rev 1 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-5)	Motorola	Approved
GP-041311	CR 44.060-524 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-6)	Motorola	Revised
GP-041616	CR 44.060-524 rev 1 Correction of NACC behaviour when C1 path loss criterion parameter becomes negative (Rel-6)	Motorola	Approved
GP-041312	CR 44.060-525 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 4)	Motorola	Revised
GP-041686	CR 44.060-525 rev 1 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 4)	Motorola	Approved
GP-041313	CR 44.060-526 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 5)	Motorola	Revised

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GP-041687	CR 44.060-526 rev 1 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 5)	Motorola	Approved
GP-041314	CR 44.060-527 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 6)	Motorola	Revised
GP-041688	CR 44.060-527 rev 1 Behaviour of MS while in NACC operation and PCCO is received after change in radio conditions (Rel 6)	Motorola	Approved
GP-041341	CR 44.060-528 Correction of the QoS change procedure (Rel 4)	Melco Mobile Communication Europe	Withdrawn
GP-041342	CR 44.060-529 Correction of the QoS change procedure (Rel 5)	Melco Mobile Communication Europe	Withdrawn
GP-041343	CR 44.060-530 Correction of the QoS change procedure (Rel 6)	Melco Mobile Communication Europe	Revised
GP-041621	CR 44.060-530 rev 1 Correction of the QoS change procedure (Rel 6)	Melco Mobile CE	Withdrawn
GP-041349	CR 44.060-531 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in an downlink assignment message while in DTM mode (Rel 6)	Motorola	Revised
GP-041702	CR 44.060-531 rev 1 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in an downlink assignment message while in DTM mode (Rel 6)	Motorola	Postponed
GP-041351	CR 44.060-532 Correction of MS behaviour in case of receipt of a PACKET CELL ORDER in DTM mode of operation (Rel 6)	Motorola	Revised
GP-041704	CR 44.060-532 rev 1 Correction of MS behaviour in case of receipt of a PACKET CELL ORDER in DTM mode of operation (Rel 6)	Motorola	Postponed
GP-041464	CR 44.060-533 MS behavior in CCN mode (Rel-4)	Infineon AG	Revised
GP-041617	CR 44.060-533 rev 1 MS behavior in CCN mode (Rel-4)	Infineon AG	Withdrawn
GP-041465	CR 44.060-534 MS behavior in CCN mode (Rel-5)	Infineon AG	Revised
GP-041618	CR 44.060-534 rev 1 MS behavior in CCN mode (Rel-5)	Infineon AG	Withdrawn
GP-041466	CR 44.060-535 MS behavior in CCN mode (Rel-6)	Infineon AG	Revised
GP-041619	CR 44.060-535 rev 1 MS behavior in CCN mode (Rel-6)	Infineon AG	Withdrawn

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GP-041467	CR 44.060-536 Clarification on sending SI and PSI STATUS messages (Rel-4)	Infineon AG	Withdrawn
GP-041468	CR 44.060-537 Clarification on sending SI and PSI STATUS messages (Rel-5)	Infineon AG	Withdrawn
GP-041469	CR 44.060-538 Clarification on sending SI and PSI STATUS messages (Rel-6)	Infineon AG	Revised
GP-041620	CR 44.060-538 rev 1 Clarification on sending SI and PSI STATUS messages (Rel-6)	Infineon AG	Revised
GP-041726	CR 44.060-538 rev 2 Clarification on sending SI and PSI STATUS messages (Rel-6)	Infineon AG	Approved
GP-041470	CR 44.060-539 Removal of PSCD (Rel-4)	Infineon AG	Withdrawn
GP-041471	CR 44.060-540 Removal of PSCD (Rel-5)	Infineon AG	Withdrawn
GP-041472	CR 44.060-541 Removal of PSCD (Rel-6)	Infineon AG	Withdrawn
GP-041475	CR 44.060-542 Applicability of NC parameters, sub-clause 8.4.2 (Rel-6)	Infineon AG	Revised
GP-041627	CR 44.060-542 rev 1 Applicability of NC parameters, sub-clause 8.4.2 (Rel-6)	Infineon AG	Revised
GP-041733	CR 44.060-542 rev 2 Applicability of NC parameters, sub-clause 8.4.2 (Rel-6)	Infineon AG	Approved
GP-041479	CR 44.060-543 Resource Reallocation for Uplink in Single TBF mode (Rel-6)	Infineon AG	Revised
GP-041717	CR 44.060-543 rev 1 Resource Reallocation for Uplink in Single TBF mode (Rel-6)	Infineon AG	Approved
GP-041434	CR 44.060-544 Two different definitions for “GPRS 3G MEASUREMENT PARAMETERS Description struct” (Rel 4)	Motorola	Withdrawn
GP-041435	CR 44.060-545 Two different definitions for “GPRS 3G MEASUREMENT PARAMETERS Description struct” (Rel 5)	Motorola	Withdrawn
GP-041436	CR 44.060-546 Two different definitions for “GPRS 3G MEASUREMENT PARAMETERS Description struct” (Rel 6)	Motorola	Revised
GP-041600	CR 44.060-546 rev 1 Two different definitions for “GPRS 3G MEASUREMENT PARAMETERS Description struct” (Rel 6)	Motorola	Approved
GP-041438	CR 44.060-547 Error in CSN-1 encoding (Rel 4)	Motorola	Revised

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GP-041602	CR 44.060-547 rev 1 Error in CSN-1 encoding (Rel 4)	Motorola	Approved
GP-041439	CR 44.060-548 Error in CSN-1 encoding (Rel 5)	Motorola	Revised
GP-041603	CR 44.060-548 rev 1 Error in CSN-1 encoding (Rel 5)	Motorola	Approved
GP-041490	CR 44.060-549 Action at expiry of T3192	Nokia	Approved
GP-041440	CR 44.060-550 Error in CSN-1 encoding (Rel 6)	Motorola	Revised
GP-041604	CR 44.060-550 rev 1 Error in CSN-1 encoding (Rel 6)	Motorola	Approved
GP-041553	CR 44.060-551 RLC data block usage during change of service demand (Rel 6)	Infineon AG	Revised
GP-041629	CR 44.060-551 rev 1 RLC data block usage during change of service demand (Rel 6)	Infineon AG	Revision
GP-041731	CR 44.060-551 rev 2 RLC data block usage during change of service demand (Rel 6)	Infineon AG	Postponed
GP-041564	CR 44.060-552 Clarifications and corrections on the Usage of Parameters for Measurements and Reporting (Rel-6)	STMicroelectronics	Postponed
GP-041626	CR 44.060-553 Applicability of NC parameters, sub-clause 8.4.2 (Rel-5)	Infineon AG	Revised
GP-041732	CR 44.060-553 rev 1 Applicability of NC parameters, sub-clause 8.4.2 (Rel-5)	Infineon AG	Approved
GP-041820	CR 44.060-554 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in a downlink assignment message while in DTM mode (Rel 6)	Motorola	Revised
GP-042138	CR 44.060-554 rev 1 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in a downlink assignment message while in DTM mode (Rel-6)	Motorola	Revised
GP-042277	CR 44.060-554 rev 2 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in a downlink assignment message while in DTM mode (Rel-6)	Motorola	Approved
GP-041822	CR 44.060-556 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel 4)	Motorola	Revised
GP-042107	CR 44.060-556 rev 1 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel-4)	Motorola	Approved
GP-041823	CR 44.060-557 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel 5)	Motorola	Revised

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GP-042108	CR 44.060-557 rev 1 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel-5)	Motorola	Approved
GP-041824	CR 44.060-558 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel 6)	Motorola	Revised
GP-042109	CR 44.060-558 rev 1 Correction of MS behaviour in case of receipt of a PACKET CELL CHANGE ORDER in DTM mode of operation (Rel-6)	Motorola	Approved
GP-041826	CR 44.060-559 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-4)	Motorola	Withdrawn
GP-041827	CR 44.060-560 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-5)	Motorola	Withdrawn
GP-041828	CR 44.060-561 Correction of the possible burst format used for PACKET CONTROL ACKNOWLEDGEMENT in DTM mode (Rel-6)	Motorola	Withdrawn
GP-041908	CR 44.060-562 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel 4)	Nokia	Revised
GP-042128	CR 44.060-562 rev 1 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel-4)	Nokia	Approved
GP-041909	CR 44.060-563 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel 5)	Nokia	Revised
GP-042129	CR 44.060-563 rev 1 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel-5)	Nokia	Approved
GP-041910	CR 44.060-564 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel 6)	Nokia	Revised
GP-042130	CR 44.060-564 rev 1 Corrections to PSI14 content and applicability during Dual Transfer Mode and after the release of the CS connection (Rel-6)	Nokia	Approved
GP-042030	CR 44.060-565 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Revised

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GP-042213	CR 44.060-565 rev 1 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Approved
GP-042031	CR 44.060-566 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Revised
GP-042214	CR 44.060-566 rev 1 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Revised
GP-042275	CR 44.060-566 rev 2 Signalling support for CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Approved
GP-041975	CR 44.060-567 Allowed message types for PSI/SI Status message (Rel 6)	Infineon	Rejected
GP-042021	CR 44.060-568 Addition of DTM enhancements (Rel 6)	Nokia	Revised
GP-042134	CR 44.060-568 rev 1 Addition of DTM enhancements (Rel-6)	Nokia	Revised
GP-042280	CR 44.060-568 rev 2 Addition of DTM enhancements (Rel-6)	Nokia	Approved
GP-042024	CR 44.060-569 Correction for the GPRS_RESELECT_OFFSET default value (Rel 6)	Nokia	Approved
GP-042037	CR 44.060-570 Applicability of Uplink Control timeslot for multiple TBFs in A/Gb mode (Rel-6)	Siemens	Revised
GP-042132	CR 44.060-570 rev 1 Applicability of Uplink Control timeslot for multiple TBFs in A/Gb mode (Rel-6)	Siemens	Approved
GP-041960	CR 44.060-571 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Postponed
GP-041961	CR 44.060-572 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Postponed
GP-042051	CR 44.060-573 Update of NC parameters via SI2quater (Rel-6)	STMicroelectronics	Withdrawn
GP-041299	CR 44.118-100 rev 1 One TFC for signaling on HR channels (Rel-6)	Nokia	Approved
GP-041300	CR 44.118-105 FLO capability indication in the MS GERAN Iu mode Radio Access Capability IE (Rel-6)	Nokia	Approved
GP-041480	CR 44.118-106 Count-C corrections-UTRAN-GERAN Alignment (Rel 5)	Nokia	Approved

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GP-041481	CR 44.118-107 Count-C corrections-UTRAN-GERAN Alignment (Rel 6)	Nokia	Approved
GP-041482	CR 44.118-108 Erroneous setting of Re-establish Indicator in case of SBSS relocation -UTRAN-GERAN Alignment (Rel 5)	Nokia	Approved
GP-041483	CR 44.118-109 Erroneous setting of Re-establish Indicator in case of SBSS relocation -UTRAN-GERAN Alignment (Rel 6)	Nokia	Approved
GP-041301	CR 44.160-082 rev 1 One TFC for signaling on HR channels (Rel-6)	Nokia	Approved
GP-041703	CR 44.160-083 Correction of the MS behaviour in case of receipt of Frequency Parameters IE in an downlink assignment message while in DTM mode (Rel-5)	Motorola	Withdrawn
GP-041230	CR 45.001-029 Correction of Figure 2a1 (Rel 5)	LG	Revised
GP-041231	CR 45.001-030 Correction of Figure 2a1 (Rel 6)	LG	Approved
GP-042061	CR 45.001-031 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-4)	Ericsson, TeliaSonera, TIM	Rejected
GP-042062	CR 45.001-032 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-5)	Ericsson, TeliaSonera, TIM	Rejected
GP-042063	CR 45.001-033 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-6)	Ericsson, TeliaSonera, TIM	Rejected
GP-041368	CR 45.003-034 Signalling for Uplink TFC selection for FLO (Rel-6)	Siemens	Revised
GP-041666	CR 45.003-034 rev 1 Signalling for Uplink TFC selection for FLO (Rel-6)	Siemens	Approved
GP-041369	CR 45.003-035 Corrections for FLO (Rel-6)	Siemens, Nokia	Approved
GP-041554	CR 45.003-036 Small editorial correction to F.32 Channel Coding for ECSD (Rel-6)	Vodafone	Approved
GP-041935	CR 45.003-037 Addition of RATSCCH for TCH/WFS (Rel 6)	Ericsson	Approved
GP-042032	CR 45.003-038 Addition of RATSCCH for TCH/WFS (Rel 5)	Ericsson	Approved
GP-042065	CR 45.003-039 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-4)	Ericsson, TeliaSonera, TIM	Rejected
GP-042066	CR 45.003-040 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-5)	Ericsson, TeliaSonera, TIM	Rejected

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GP-042067	CR 45.003-041 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-6)	Ericsson, TeliaSonera, TIM	Rejected
GP-041698	CR 45.005-087 Inband signalling bits for reference TFCs	Siemens	Approved
GP-042069	CR 45.005-088 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-4)	Ericsson, TeliaSonera, TIM	Rejected
GP-042070	CR 45.005-089 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-5)	Ericsson, TeliaSonera, TIM	Rejected
GP-042071	CR 45.005-090 Modifying interleaving depth for ECSD E-TCH/F32 for reduced delay (Rel-6)	Ericsson, TeliaSonera, TIM	Rejected
GP-041260	CR 45.008-216 Applicability of cell barring and C1 criterion in NC2 mode. (Rel-6)	Nokia	Approved
GP-041262	CR 45.008-217 Applicability of individual NC parameters. (Rel-4)	Nokia	Approved
GP-041315	CR 45.008-218 Default values for GPRS_RXLEV_ACCESS_MIN and GPRS_MS_TXPWR_MAX_CCH reselection parameters (Rel 4)	Motorola	Rejected
GP-041316	CR 45.008-219 Default values for GPRS_RXLEV_ACCESS_MIN and GPRS_MS_TXPWR_MAX_CCH reselection parameters (Rel 5)	Motorola	Rejected
GP-041317	CR 45.008-220 Default values for GPRS_RXLEV_ACCESS_MIN and GPRS_MS_TXPWR_MAX_CCH reselection parameters (Rel 6)	Motorola	Revised
GP-041667	CR 45.008-220 rev 1 Default values for GPRS_RXLEV_ACCESS_MIN and GPRS_MS_TXPWR_MAX_CCH reselection parameters (Rel 6)	Motorola	Approved
GP-041538	CR 45.008-221 Clarification of the RXLEV parameter to be compared to Qsearch_C for measurements on other RAT (Rel 4)	Motorola	Rejected
GP-041539	CR 45.008-222 Clarification of the RXLEV parameter to be compared to Qsearch_C for measurements on other RAT (Rel 5)	Motorola	Rejected
GP-041540	CR 45.008-223 Clarification of the RXLEV parameter to be compared to Qsearch_C for measurements on other RAT (Rel 6)	Motorola	Approved

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GP-041566	CR 45.008-224 Clarifications and corrections on the Usage of Parameters for Measurements and Reporting (Rel-6)	STMicroelectronics	Revised
GP-041664	CR 45.008-224 rev 1 Clarifications and corrections on the Usage of Parameters for Measurements and Reporting (Rel-6)	STMicroelectronics	Approved
GP-041567	CR 45.008-225 Downlink power control for DTM (Rel-6)	Motorola, Siemens	Revised
GP-041722	CR 45.008-225 rev 1 Downlink power control for DTM (Rel-6)	Motorola, Siemens	Revised
GP-041725	CR 45.008-225 rev 2 Downlink power control for DTM (Rel-6)	Motorola, Siemens	Postponed
GP-041779	CR 45.008-225 rev 2 Downlink power control for DTM (Rel-6)	Siemens	Revised
GP-042180	CR 45.008-225 rev 3 Downlink power control for DTM (Rel-6)	Siemens	Revised
GP-042255	CR 45.008-225 rev 3 Downlink power control for DTM (Rel-6)	Siemens	Postponed
GP-041569	CR 45.008-226 Removal of redundant text (Rel-6)	Siemens	Approved
GP-041693	CR 45.008-227 Correction of DTM Output Power Control (Rel 4)	Nokia	Approved
GP-041694	CR 45.008-228 Correction of DTM Output Power Control (Rel 5)	Nokia	Approved
GP-041695	CR 45.008-229 Correction of DTM Output Power Control (Rel 6)	Nokia	Approved
GP-041919	CR 45.008-230 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-4)	Teliasonera	Approved
GP-041920	CR 45.008-231 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Revised
GP-042190	CR 45.008-231 rev 1 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-5)	Teliasonera	Approved
GP-041921	CR 45.008-232 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Revised
GP-042191	CR 45.008-232 rev 1 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel-6)	Teliasonera	Approved
GP-041956	CR 45.008-233 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Revised

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GP-042172	CR 45.008-233 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Postponed
GP-041957	CR 45.008-234 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Revised
GP-042173	CR 45.008-234 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Postponed
GP-041974	CR 45.008-235 Clarifications of BEP Measurements (Rel-6)	Ericsson	Revised
GP-042232	CR 45.008-235 rev 1 Clarifications of BEP Measurements (Rel-6)	Ericsson	Approved
GP-041976	CR 45.008-236 Usage of C1 and cell barring in NC2 (Rel 6)	Infineon	Revised
GP-042230	CR 45.008-236 rev 1 Usage of C1 and cell barring in NC2 (Rel 6)	Infineon	Postponed
GP-041977	CR 45.008-237 Default values for CELL_BAR_ACCESS (Rel 6)	Infineon	Revised
GP-042231	CR 45.008-237 rev 1 Default values for CELL_BAR_ACCESS (Rel 6)	Infineon	Withdrawn
GP-042182	CR 45.008-238 Downlink power control for DTM (Rel-4)	Siemens	Revised
GP-042257	CR 45.008-238 rev 1 Downlink power control for DTM (Rel-4)	Siemens	Postponed
GP-042183	CR 45.008-239 Downlink power control for DTM (Rel-5)	Siemens	Revised
GP-042258	CR 45.008-239 rev 1 Downlink power control for DTM (Rel-5)	Siemens	Postponed
GP-041367	CR 45.902-018 rev 1 Signalling for Uplink TFC selection (Rel-6)	Siemens	Revised
GP-041665	CR 45.902-018 rev 2 Signalling for Uplink TFC selection (Rel-6)	Siemens	Revised
GP-041701	CR 45.902-018 rev 3 Signalling for Uplink TFC selection (Rel-6)	Siemens	Approved
GP-041411	CR 45.902-020 Correction to dynamic attributes of transport format – Retransmission number (Rel 6)	Siemens	Approved
GP-041412	CR 45.902-021 Correction to dynamic attributes of transport format – RLC size (Rel 6)	Siemens	Withdrawn
GP-042012	CR 45.902-022 TFC selection in the downlink (Rel-6)	Siemens	Rejected

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GP-041302	CR 48.006-005 rev 2 Clarification to Notification Response (Rel-6)	Motorola	Approved
GP-041303	CR 48.008-114 rev 4 VGCS queuing and preemption handling (Rel-6)	Motorola	Revised
GP-041413	CR 48.008-114 rev 5 VGCS Queuing and Preemption Handling	Siemens	Revised
GP-041711	CR 48.008-114 rev 6 VGCS Queuing and Preemption Handling	Siemens	Approved
GP-041318	CR 48.008-115 rev 4 Release dedicated channel of talker in Voice Group Call (Rel-6)	Motorola, Alcatel	Revised
GP-041684	CR 48.008-115 rev 5 Release dedicated channel of talker in Voice Group Call (Rel-6)	Motorola, Alcatel	Withdrawn
GP-041747	CR 48.008-115 rev 6 Release dedicated channel of talker in Voice Group Call (Rel-6)	Motorola, Alcatel	Postponed
GP-041374	CR 48.008-124 Group Call Reference to be included in ASSIGNMENT REQUEST in case of Group Call	Alcatel	Withdrawn
GP-041375	CR 48.008-125 Group Call Reference to be included in ASSIGNMENT REQUEST in case of Group Call	Alcatel	Withdrawn
GP-041376	CR 48.008-126 Group Call Reference to be included in ASSIGNMENT REQUEST in case of Group Call	Alcatel	Withdrawn
GP-041378	CR 48.008-127 Talker Flag in ASSIGNMENT REQUEST and HANDOVER REQUEST messages	Alcatel	Rejected
GP-041379	CR 48.008-128 Talker Flag in ASSIGNMENT REQUEST and HANDOVER REQUEST messages	Alcatel	Rejected
GP-041380	CR 48.008-129 Talker Flag in ASSIGNMENT REQUEST and HANDOVER REQUEST messages	Alcatel	Rejected
GP-041382	CR 48.008-130 Mismatch case between the Preemption Vulnerability Indicator value and Assignment Requirement	Alcatel	Rejected
GP-041383	CR 48.008-131 Mismatch case between the Preemption Vulnerability Indicator value and Assignment Requirement	Alcatel	Rejected
GP-041384	CR 48.008-132 Mismatch case between the Preemption Vulnerability Indicator value and Assignment Requirement	Alcatel	Rejected
GP-041421	CR 48.008-133 Service Handover for services not supported in GERAN (Rel-6)	Siemens AG	Approved
GP-041851	CR 48.008-134 Assignment Request handling in the case of DTM (Rel-4)	Siemens	Withdrawn

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GP-041852	CR 48.008-135 Assignment Request handling in the case of DTM (Rel-5)	Siemens	Withdrawn
GP-041853	CR 48.008-136 Assignment Request handling in the case of DTM (Rel-6)	Siemens	Withdrawn
GP-041304	CR 48.016-012 rev 3 Correction of SNS PDUs for IP support (Rel-4)	Ericsson	Approved
GP-041305	CR 48.016-013 rev 3 Correction of SNS PDUs for IP support (Rel-5)	Ericsson	Approved
GP-041422	CR 48.016-015 Reselection of local IP endpoint at SGSN (Rel 6)	Siemens AG	Revised
GP-041683	CR 48.016-015 rev 1 Reselection of local IP endpoint at SGSN (Rel 6)	Siemens AG	Withdrawn
GP-041936	CR 48.016-016 Reselection of local IP endpoint at NSE (Rel 6)	Siemens AG	Approved
GP-041556	CR 48.018-110 Correction in handling MSs not supporting PFCs	Nortel Networks	Withdrawn
GP-041945	CR 48.018-111 RIM/eNACC rel-5 CR: Proposal of E2E procedures	Nokia	Postponed
GP-041275	CR 48.071-022 rev 4 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Postponed
GP-041752	CR 48.071-022 rev 5 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Revised
GP-042140	CR 48.071-022 rev 6 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Postponed
GP-041273	CR 48.071-024 Addition of missing frequency hopping parameter to the Reset and U-TDOA Response messages (Rel-6)	Cingular Wireless, Andrew Corporation, TruePosition	Revised
GP-041674	CR 48.071-024 rev 1 Addition of missing frequency hopping parameter to the Reset and U-TDOA Response messages (Rel-6)	Cingular Wireless, Andrew Corp, True Position	Approved
GP-041272	CR 51.010-1-2254 rev 1 Section 21.8 & 21.9, TEI, Update on radio Access Network	Nokia	Withdrawn
GP-041233	CR 51.010-1-2286 42.3.3.1.3 : Change of number of RLC data blocks wanted	Wavecom	Revised
GP-041631	CR 51.010-1-2286 rev 1 42.3.3.1.3 : Change of number of RLC data blocks wanted	Wavecom	Approved

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GP-041234	CR 51.010-1-2287 44.2.9.1.2 : Correction of NITZ PLMN Names	Wavecom	Approved
GP-041235	CR 51.010-1-2288 44.2.9.1.3 : New NITZ Test case	Wavecom	Revised
GP-041632	CR 51.010-1-2288 rev 1 44.2.9.1.3 : New NITZ Test case	Wavecom	Approved
GP-041236	CR 51.010-1-2289 51.3.1.2 : Removal of unwanted behaviour	Wavecom	Approved
GP-041238	CR 51.010-1-2290 Section 26.16.9 AMR Configuration Change (normal)	Rohde & Schwarz	Approved
GP-041239	CR 51.010-1-2291 Section 13.16.1 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041240	CR 51.010-1-2292 Section 13.16.2 1 Incorrect step references and units	Rohde & Schwarz	Revised
GP-041633	CR 51.010-1-2292 rev 1 Section 13.GP-0416.2 1 Incorrect step references and units	Rohde & Schwarz	Approved
GP-041241	CR 51.010-1-2293 Section 13.16.3 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041242	CR 51.010-1-2294 Section 14.16 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041243	CR 51.010-1-2295 Section 13.17.1 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041244	CR 51.010-1-2296 Section 13.17.3 Corrections in test procedure and test requirements	Rohde & Schwarz	Withdrawn
GP-041245	CR 51.010-1-2297 Section 13.17.4 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041246	CR 51.010-1-2298 Section 14.18 ALPHA set to 0 in initial conditions	Rohde & Schwarz	Approved
GP-041247	CR 51.010-1-2299 Section 41.3.6.4 TBF Release / Extended Uplink / Change of RLC mode / T3168 not expired and 41.3.6.5 TBF Release / Extended Uplink / Change of RLC mode / T3168 expired	Rohde & Schwarz	Revised
GP-041585	CR 51.010-1-2299 rev 1 Section 41.3.6.4 TBF Release / Extended Uplink / Change of RLC mode / T3168 not expired and 41.3.6.5 TBF Release / Extended Uplink / Change of RLC mode / T3168 expired	Rohde & Schwarz	Withdrawn
GP-041248	CR 51.010-1-2300 Section 42.3.1.2. Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Rohde & Schwarz	Withdrawn

Tdoc	Title	Source	Status
GP-041249	CR 51.010-1-2301 Section 42.1.1.4.1 Packet Channel Request / Access persistence control on PRACH / M+1 attempts	Rohde & Schwarz	Approved
GP-041250	CR 51.010-1-2302 Section 44.2.1.1.10 & 44.2.2.2.6 - Inconsistencies in the test specification concerning the RAI values	Rohde & Schwarz	Revised
GP-041642	CR 51.010-1-2302 rev 1 Section 44.2.1.1.10 & 44.2.2.2.6 - Inconsistencies in the test specification concerning the RAI values	Wavecom	Approved
GP-041251	CR 51.010-1-2303 Section 52.3.1.2.3 & 42.3.1.2.3 – GPRS_RESELECT_OFFSET coded in dB, Step 19 should be conditional	Rohde & Schwarz	Revised
GP-041643	CR 51.010-1-2303 rev 1 Section 52.3.1.2.3 & 42.3.1.2.3 – GPRS_RESELECT_OFFSET coded in dB, Step 19 should be conditional	Rohde & Schwarz	Approved
GP-041252	CR 51.010-1-2304 Section 52.1.1.6.1 Packet Channel Request / Access persistence control on PRACH / M+1 attempts	Rohde & Schwarz	Approved
GP-041253	CR 51.010-1-2305 Section 53.1.1.13 Acknowledged Mode/ Uplink TBF/ Calculation of BSN2 - Correction of test procedure.	Rohde & Schwarz	Revised
GP-041545	CR 51.010-1-2305 rev 1 Section 53.1.1.13 Acknowledged Mode/ Uplink TBF/ Calculation of BSN2 - Correction of test procedure.	Rohde & Schwarz	Revised
GP-041580	CR 51.010-1-2305 rev 2 Section 53.1.1.13 Acknowledged Mode/ Uplink TBF/ Calculation of BSN2 - Correction of test procedure.	Rohde & Schwarz	Approved
GP-041254	CR 51.010-1-2306 Section 34.4.1 SMS mobile terminated	Rohde & Schwarz	Approved
GP-041255	CR 51.010-1-2307 Section 34.4.2 SMS mobile originated	Rohde & Schwarz	Approved
GP-041256	CR 51.010-1-2308 Section 34.4.3 Test of the status report capabilities and of SMS-COMMAND over GPRS	Rohde & Schwarz	Withdrawn
GP-041257	CR 51.010-1-2309 Section 34.4.4 Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	Rohde & Schwarz	Approved
GP-041258	CR 51.010-1-2310 Section 34.4.8.1 CP Error Handling	Rohde & Schwarz	Approved
GP-041259	CR 51.010-1-2311 Section 34.4.8.2 RP Error Handling	Rohde & Schwarz	Approved
GP-041269	CR 51.010-1-2316 26.16.9.8 – Mismatch between core specifiations and test sepcifications in handling of AMR CONFIG REQ retransmissions	Anite	Approved

Tdoc	Title	Source	Status
GP-041270	CR 51.010-1-2317 42.3.3.3 - Editorial Change	Anite	Approved
GP-041271	CR 51.010-1-2318 42.3.3.2.1 - Downlink Dummy control block to be sent to receive Resource request before step 9.	Anite	Approved
GP-041277	CR 51.010-1-2319 Addition of test case: Network Control PEMR / Packet Cell Change Order	Ericsson	Approved
GP-041306	CR 51.010-1-2320 Addition of new GPRS Extended Uplink Testcases.	SASKEN	Approved
GP-041307	CR 51.010-1-2321 Addition of new EGPRS Extended Uplink Testcases	SASKEN	Approved
GP-041328	CR 51.010-1-2322 Sec. 42.4.2.2.1 Cell change order procedure / Downlink transfer / Normal case	Siemens AG	Revised
GP-041637	CR 51.010-1-2322 rev 1 Sec. 42.4.2.2.1 Cell change order procedure / Downlink transfer / Normal case	Siemens AG	Approved
GP-041329	CR 51.010-1-2323 Sec. 42.4.2.2.3 Cell change order procedure / Downlink transfer / Failure cases / Frequency not implemented	Siemens AG	Revised
GP-041653	CR 51.010-1-2323 rev 1 Sec. 42.4.2.2.3 Cell change order procedure / Downlink transfer / Failure cases / Frequency not implemented	Siemens AG	Approved
GP-041330	CR 51.010-1-2324 Sec. 42.4.2.3.1 Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case	Siemens AG	Approved
GP-041331	CR 51.010-1-2325 42.4.8.2.2 and 42.4.8.2.3 – Increase of Ready timer value	Setcom	Approved
GP-041332	CR 51.010-1-2326 42.4.8.1.2 - NC2 and DRX / NC_NON_DRX_PERIOD / NC2 non-DRX mode period ordered in Packet Cell Change Order	Setcom	Approved
GP-041333	CR 51.010-1-2327 44.2.8.1 - Change of cell between two Las in idle mode	Setcom	Approved
GP-041335	CR 51.010-1-2328 43.1.2.4 Acknowledged mode / Downlink TBF / Re-assembly / Length Indicator	Setcom	Approved
GP-041336	CR 51.010-1-2329 Addition of new Extended Uplink Testcases 41.3.6.6,41.3.6.7 and 41.3.6.8	Setcom	Revised
GP-041634	CR 51.010-1-2329 rev 1 Addition of new Extended Uplink Testcases 41.3.6.6,41.3.6.7 and 41.3.6.8	Setcom	Approved
GP-041337	CR 51.010-1-2330 Addition of new Extended Uplink Testcases 51.3.6.6,51.3.6.7 and 51.3.6.8	Setcom	Revised

Tdoc	Title	Source	Status
GP-041635	CR 51.010-1-2330 rev 1 Addition of new Extended Uplink Testcases 51.3.6.6,51.3.6.7 and 51.3.6.8	Setcom	Approved
GP-041344	CR 51.010-1-2331 20.22.9 Cell reselection when the best cell does not support GPRS	Melco Mobile Communication Europe	Approved
GP-041334	CR 51.010-1-2332 Negotiation of N201-U and N201-I to 140 to reduce the amount of data in test cases 46.1.2.6.1 and 46.1.2.6.2	Setcom	Approved
GP-041365	CR 51.010-1-2333 Removal of checks from testcases 46.2.2.1.3, 46.2.2.1.4 and 46.2.2.1.5.	Setcom	Withdrawn
GP-041372	CR 51.010-1-2334 52.3.3.2.1 - Downlink Dummy control block to be sent to receive Resource request before step 9.	Anite	Approved
GP-041402	CR 51.010-1-2335 Correction of EFADN (Abbreviated Dialling Number) Field in clauses 27 and 27.15	Nokia	Revised
GP-041646	CR 51.010-1-2335 rev 1 Correction of EFADN (Abbreviated Dialling Number) Field in clauses 27 and 27.15	Nokia	Approved
GP-041403	CR 51.010-1-2336 42.3.1.1.8 Dynamic Allocation / Uplink Transfer / Normal / Two uplink timeslots	Nokia	Withdrawn
GP-041404	CR 51.010-1-2337 52.3.1.1.8 Dynamic Allocation / Uplink Transfer / Normal / Two uplink timeslots	Nokia	Withdrawn
GP-041405	CR 51.010-1-2338 44.2.3.2.5 Combined routing area updating / rejected / roaming not allowed in this location area	Nokia	Approved
GP-041406	CR 51.010-1-2339 Correction of the Expected Sequence in clause 46.1.2.5.2 - Sending FRMR due to reception of an S frame with incorrect length	Nokia	Approved
GP-041417	CR 51.010-1-2340 21.4.2 Removal of DTX and modifications to test procedure	Racal Instruments Wireless Solutions	Withdrawn
GP-041418	CR 51.010-1-2341 21.3.3 Modifications to test procedure	Racal Instruments Wireless Solutions	Withdrawn
GP-041419	CR 51.010-1-2342 21.3.5 Signal quality under static conditions – averaging period – TCH/AFS (new test)	Racal Instruments Wireless Solutions	Withdrawn
GP-041427	CR 51.010-1-2343 Note added to section 42.4	Setcom	Revised
GP-041639	CR 51.010-1-2343 rev 1 Note added to section 42.4	Setcom	Revised
GP-041654	CR 51.010-1-2343 rev 2 Note added to section 42.4	Setcom	Approved

Tdoc	Title	Source	Status
GP-041428	CR 51.010-1-2344 correction to sections 42.4.6.1 and 42.4.6.2- Network Control PEMR – Activation with PSI/SI Messages	Setcom	Revised
GP-041640	CR 51.010-1-2344 rev 1 correction to sections 42.4.6.1 and 42.4.6.2- Network Control PEMR – Activation with PSI/SI Messages	Setcom	Approved
GP-041441	CR 51.010-1-2345 Section 42.4.8.2.4 – Corrected Adressing in Packet Access Reject	Rohde & Schwarz	Approved
GP-041442	CR 51.010-1-2346 Section 42.4.8.2.3 – Missing Packet Downlink Dummy Control Block added	Rohde & Schwarz	Withdrawn
GP-041443	CR 51.010-1-2347 Section 42.4.8.1.1 – test description corrected	Rohde & Schwarz	Approved
GP-041444	CR 51.010-1-2348 Section 42.4.4.3 – NC_REPORTING_PERIOD_I measurment corrected	Rohde & Schwarz	Approved
GP-041445	CR 51.010-1-2349 Section 42.4.1.4 – Additional step added to ensure that MS stops sending Measurement Reports	Rohde & Schwarz	Approved
GP-041446	CR 51.010-1-2350 Section 46.1.2.7.5 - Inconsistencies in the test specification concerning IOV-UI handling	Rohde & Schwarz	Approved
GP-041447	CR 51.010-1-2351 Section 51.3.6.4 TBF Release / Extended Uplink / Change of RLC mode / T3168 not expired and 51.3.6.5 TBF Release / Extended Uplink / Change of RLC mode / T3168 expired	Rohde & Schwarz	Revised
GP-041586	CR 51.010-1-2351 rev 1 Section 51.3.6.4 TBF Release / Extended Uplink / Change of RLC mode / T3168 not expired and 51.3.6.5 TBF Release / Extended Uplink / Change of RLC mode / T3168 expired	Rohde & Schwarz	Withdrawn
GP-041448	CR 51.010-1-2352 Section 52.1.2.1.9.3 PICS parameters for band interworking and 04.60 Section 12.30 requirements	Rohde & Schwarz	Withdrawn
GP-041449	CR 51.010-1-2353 Section 20.22.7 Downlink signalling failure	Rohde & Schwarz	Approved
GP-041450	CR 51.010-1-2354 Section 20.22.23 – Cell Reselection based on C32 – Cell Reselection on CCCH – PBCCH not supported	Rohde & Schwarz	Approved
GP-041451	CR 51.010-1-2355 Section 20.22.24 – Cell Reselection based on C32/ cell of same priority/ Cell Reselection on CCCH – PBCCH not supported	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-041452	CR 51.010-1-2356 Section 20.22.25 - Cell Reselection based on C32/ C31<0/ Cell Reselection on CCCH – PBCCH not supported	Rohde & Schwarz	Approved
GP-041453	CR 51.010-1-2357 Section 20.22.26 Cell Reselection based on C32 quality / Cell Reselection on CCCH – PBCCH not supported	Rohde & Schwarz	Revised
GP-041644	CR 51.010-1-2357 rev 1 Section 20.22.26 Cell Reselection based on C32 quality / Cell Reselection on CCCH – PBCCH not supported	Rohde & Schwarz	Approved
GP-041454	CR 51.010-1-2358 Section 47.1.3 Extension of expected sequence with test branches k=1 and k=2.	Rohde & Schwarz	Revised
GP-041652	CR 51.010-1-2358 rev 1 Section 47.1.3 Extension of expected sequence with test branches k=1 and k=2.	Rohde & Schwarz	Approved
GP-041457	CR 51.010-1-2359 Section 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Rohde & Schwarz	Approved
GP-041458	CR 51.010-1-2360 Section 42.3.1.2.3 CR 51.010-1 Section 42.3.1.2.3 – GPRS_RESELECT_OFFSET coded in dB, Step 19 should be conditional	Rohde & Schwarz	Revised
GP-041641	CR 51.010-1-2360 rev 1 Section 42.3.1.2.3 CR 51.010-1 Section 42.3.1.2.3 – GPRS_RESELECT_OFFSET coded in dB, Step 19 should be conditional	Rohde & Schwarz	Approved
GP-041459	CR 51.010-1-2361 Section 52.3.3.2.2 Step 5 of expected sequence completed	Rohde & Schwarz	Approved
GP-041460	CR 51.010-1-2362 Sec 40 - Modification of Channel ARFCN for GSM900 and GSM850 bands.	Setcom, Nokia	Withdrawn
GP-041518	CR 51.010-1-2363 Corrections to SIM/ME test case 27.12.2 Rel-5	Motorola	Revised
GP-041647	CR 51.010-1-2363 rev 1 Corrections to SIM/ME test case 27.12.2 Rel-5	Motorola	Approved
GP-041519	CR 51.010-1-2364 Corrections to R99 behaviour of test case 41.2.2.3 Rel-5	Motorola	Approved
GP-041520	CR 51.010-1-2365 Corrections to inter-RAT cell reselection test case 20.22.29 Rel-5	Motorola	Approved
GP-041648	CR 51.010-1-2366 Section 42.4.6.7 Network Control PEMR Measurement reporting with PBCCN/invalid BSIC	Qualcomm	Approved
GP-041650	CR 51.010-1-2367 Corrections to R99 behaviour of test case 51.2.2.3 Rel-5	Motorla	Approved

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GP-041749	CR 51.010-1-2368 20.4 – Deletion of PCS 1900 frequency band from test purpose 2	7layers AG	Approved
GP-041756	CR 51.010-1-2369 Changes in the testcase 20.22.23	SASKEN	Approved
GP-041757	CR 51.010-1-2370 Changes in the testcase 20.22.28	SASKEN	Revised
GP-042162	CR 51.010-1-2370 rev1 Changes in the testcase 20.22.28	SASKEN	Approved
GP-041760	CR 51.010-1-2371 41.1.1.4, 41.1.5.3 : Changing the support of “SPGC_CCCH_SUP ”, as absent in the cell.	SASKEN	Approved
GP-041761	CR 51.010-1-2372 Making 41.1.5.4 default content for SI13 as per the core spefication defination.	SASKEN	Revised
GP-042146	CR 51.010-1-2372 rev 1 Making 41.1.5.4 default content for SI13 as per the core specification definition.	SASKEN	Approved
GP-041762	CR 51.010-1-2373 Modification in the step 6 of 41.3.1.3	SASKEN	Approved
GP-041763	CR 51.010-1-2374 Updating the test procedure and the conformance requirement as per the new version of 04.60.	SASKEN	Approved
GP-041764	CR 51.010-1-2375 Swaping the teststeps 1 and 2.	SASKEN	Approved
GP-041765	CR 51.010-1-2376 Modification in the step 4a of 42.4.1.4	SASKEN	Approved
GP-041766	CR 51.010-1-2377 Modification to the Part b of the Test Purpose in 42.4.8.2.1	SASKEN	Approved
GP-041767	CR 51.010-1-2378 Modification to the READY TIMER value in the testcase 42.4.8.4.4	SASKEN	Approved
GP-041768	CR 51.010-1-2379 Modification in the step 8 of 42.5.4.3	SASKEN	Approved
GP-041769	CR 51.010-1-2380 Modification in the step 7 of 42.5.5.3	SASKEN	Approved
GP-041770	CR 51.010-1-2381 Modification in the steps 4 and 5 of the test case 42.7.4	SASKEN	Approved
GP-041771	CR 51.010-1-2382 51.1.1.4, 51.1.5.3 : Changing the “SPGC_CCCH_SUP ” support as absent in the cell	SASKEN	Approved
GP-041772	CR 51.010-1-2383 Modification in the step 7 of 52.5.5.3	SASKEN	Approved
GP-041780	CR 51.010-1-2384 26.6.18 - Incorrect SI 1 Rest Octets contents in SI Type 1	Anite	Witdrawn
GP-041781	CR 51.010-1-2385 26.6.20 - Missing SI 6 Rest Octets in SI Type 6	Anite	Approved
GP-041782	CR 51.010-1-2386 26.6.4.1 - To keep RR connection active	Anite	Revised

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GP-042144	CR 51.010-1-2386 rev 1 26.6.4.1 - To keep RR connection active	Anite	Approved
GP-041783	CR 51.010-1-2387 42.3.1.2.2 - Specify acknowledged mode, correct data length, Packet Resource Request Messsage ACCESS TYPE clarified.	Anite	Revised
GP-042151	CR 51.010-1-2387 rev 1 42.3.1.2.2 - Specify acknowledged mode, correct data length, Packet Resource Request Message ACCESS TYPE clarified.	Anite	Approved
GP-041784	CR 51.010-1-2388 42.3.1.2.3 - Clarify ACCESS TYPE in Packet Resource Request Messsage.	Anite	Approved
GP-041785	CR 51.010-1-2389 42.3.3.2.1 - Allow MS to send optional PACKET CHANNEL REQUEST after step 11.	Anite	Revised
GP-042153	CR 51.010-1-2389 rev 1 42.3.3.2.1 - Allow MS to send optional PACKET CHANNEL REQUEST after step 11.	Anite	Approved
GP-041786	CR 51.010-1-2390 42.4.2.x.1 - Number of octets of data transfer should be increased to 500	Anite	Withdrawn
GP-041787	CR 51.010-1-2391 45.4.x - Correct spec quote in Conformance requirement.	Anite	Approved
GP-041788	CR 51.010-1-2392 46.1.2.3.2 - Add optional Step 4 to handle Deactivate PDP Request from the MS	Anite	Approved
GP-041789	CR 51.010-1-2393 46.1.2.7.3 - Correct origin of PDP Context Activation macro	Anite	Approved
GP-041790	CR 51.010-1-2394 51.2.2.3 - Test case duration should be increased to 4 hours.	Anite	Revised
GP-042161	CR 51.010-1-2394 rev 1 51.2.2.3 - Test case duration should be increased to 4 hours.	Anite	Approved
GP-041791	CR 51.010-1-2395 52.3.1.2.2 - Specify acknowledged mode, correct data length	Anite	Approved
GP-041792	CR 51.010-1-2396 52.3.1.2.3 - Packet Resource Request Messsage ACCESS TYPE clarified	Anite	Revised
GP-042152	CR 51.010-1-2396 rev 1 52.3.1.2.3 - Packet Resource Request Message ACCESS TYPE clarified	Anite	Approved
GP-041793	CR 51.010-1-2397 52.3.3.2.1 - Allow MS to send optional PACKET CHANNEL REQUEST after step 11.	Anite	Revised
GP-042154	CR 51.010-1-2397 rev 1 52.3.3.2.1 - Allow MS to send optional PACKET CHANNEL REQUEST after step 11.	Anite	Approved

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GP-041794	CR 51.010-1-2398 53.1.1.20 - Increase of amount of data to be triggered when k=9, 8 and 6.	Anite	Approved
GP-041798	CR 51.010-1-2399 TC 60.4 Inter system handover to UTRAN/From GSM/SDCCH/CC Establishment/Sucess	NEC	Revised
GP-042156	CR 51.010-1-2399 rev 1 TC 60.4 Inter system handover to UTRAN/From GSM/SDCCH/CC Establishment/Success	NEC	Approved
GP-041754	CR 51.010-1-2400 Modification to the timing requirements of the testcase 20.22.13.	SASKEN	Withdrawn
GP-041755	CR 51.010-1-2401 Changes in the timing requirement for the testcase 20.22.22, 20.22.24, 20.22.25, 20.22.26	SASKEN	Approved
GP-041758	CR 51.010-1-2402 Changes in the timing requirement, conformance requirement for the testcase 20.22.30.1	SASKEN	Revised
GP-042163	CR 51.010-1-2402 rev 1 Changes in the timing requirement, conformance requirement for the testcase 20.22.30.1	SASKEN	Approved
GP-041759	CR 51.010-1-2403 Changes in the timing and conformance requirement for the testcase 20.22.30.2	SASKEN	Revised
GP-042164	CR 51.010-1-2403 rev 1 Changes in the timing and conformance requirement for the testcase 20.22.30.2	SASKEN	Approved
GP-041773	CR 51.010-1-2404 Addition of new test cases for failure scenario of PACKET CELL CHANGE ORDER procedure	SASKEN	Revised
GP-042160	CR 51.010-1-2404 rev 1 Addition of new test cases for failure scenario of PACKET CELL CHANGE ORDER procedure	SASKEN	Approved
GP-041799	CR 51.010-1-2405 Section 46.1.2.7.4 – Negotiation initiated by the SS (during ADM, for N201-U)	Setcom	Approved
GP-041800	CR 51.010-1-2406 Section 42.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities – RRBP adapt to Method of test	Setcom	Approved
GP-041801	CR 51.010-1-2407 Section 42.4.8.3.3 & 42.4.8.3.5 – Correction of expected sequence	Setcom	Approved
GP-041802	CR 51.010-1-2408 47.3.1.1 Handover to same routeing area whilst in dedicated mode & MM Ready / Completed on the main DCCH	Setcom	Revised
GP-042165	CR 51.010-1-2408 rev 1 47.3.1.1 Handover to same routeing area whilst in dedicated mode & MM Ready / Completed on the main DCCH	Setcom	Approved

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GP-041803	CR 51.010-1-2409 Section 52.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities - RRBP adapt to Method of test	Setcom	Approved
GP-041804	CR 51.010-1-2410 42.4.5.2, 42.4.5.4, 42.4.5.6, 42.4.5.9, Increase of reselection timer when PCCCH not present (NACC)	Wavecom	Revised
GP-042155	CR 51.010-1-2410 rev 1 42.4.5.2, 42.4.5.4, 42.4.5.6, 42.4.5.9, Increase of reselection timer when PCCCH not present (NACC)	Wavecom	Approved
GP-041805	CR 51.010-1-2411 42.4.5.5 Increase of reselection timer when PCCCH not present and use of T3208	Wavecom	Withdrawn
GP-041806	CR 51.010-1-2412 42.4.6.6 Change timer for repetition	Wavecom	Revised
GP-042149	CR 51.010-1-2412 rev1 42.4.6.6 Change timer for repetition	Wavecom	Approved
GP-041807	CR 51.010-1-2413 42.4.8.2.3 Addition of potential PMR during transfer	Wavecom	Approved
GP-041808	CR 51.010-1-2414 Correction to test case 20.22.19	Ericsson	Approved
GP-041809	CR 51.010-1-2415 Sec. 41.3.1.2 TBF Release / Uplink / Normal / MS initiated / Unacknowledged mode	Siemens AG	Approved
GP-041810	CR 51.010-1-2416 Sec. 51.3.1.2 TBF Release / Uplink / Normal / MS initiated / Unacknowledged mode	Siemens AG	Approved
GP-041859	CR 51.010-1-2417 Section 13.17.3 EGPRS Transmitter output power	Rohde & Schwarz	Revised
GP-042166	CR 51.010-1-2417 rev 1 Section 13.17.3 EGPRS Transmitter output power	Rohde & Schwarz	Approved
GP-041860	CR 51.010-1-2418 Section 26.10.2.4.1 E-GSM or R-GSM signalling / RR / Handover / Successful handover	Rohde & Schwarz	Approved
GP-041861	CR 51.010-1-2419 Section 26.11.2.2.3 Multiband signalling / RR / Handover / Multiband BCCH / successful / active call / non-synchronized	Rohde & Schwarz	Approved
GP-041862	CR 51.010-1-2420 Section 26.11.2.2.4 Multiband signalling / RR / Handover / Multiband BCCH / Intracell Handover – Intraband Assignment	Rohde & Schwarz	Approved
GP-041863	CR 51.010-1-2421 Section 40 GPRS default conditions – ARFCN overlapping	Rohde & Schwarz	Approved

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GP-041864	CR 51.010-1-2422 Section 40.4.3.20 MT Call in GPRS cell – Authentication and Ciphering added and voice connection is established without verification by the user.	Rohde & Schwarz	Approved
GP-041865	CR 51.010-1-2423 Section 40 DTM default conditions - Contents of Layer 3 messages (DTM) – correction of message contents, headline and paragraph formating	Rohde & Schwarz	Revised
GP-042003	CR 51.010-1-2423 rev 1 Section 40 DTM default conditions - Contents of Layer 3 messages (DTM) – correction of message contents, headline and paragraph formating	Rohde & Schwarz	Revised
GP-042145	CR 51.010-1-2423 rev 2 Section 40 DTM default conditions - Contents of Layer 3 messages (DTM) – correction of message contents, headline and paragraph formatting	Rohde & Schwarz	Approved
GP-041866	CR 51.010-1-2424 Section 41.3.6.7 Extended Uplink TBF / Cell Change failure while in Extended Uplink/ No Packet Neighbouring Cell Data	Rohde & Schwarz	Approved
GP-041867	CR 51.010-1-2425 Section 41.3.6.8 Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data – PSI 14 content changed	Rohde & Schwarz	Approved
GP-041868	CR 51.010-1-2426 Section 41.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 41.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Revised
GP-042147	CR 51.010-1-2426 rev 1 Section 41.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 41.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Revised
GP-042167	CR 51.010-1-2426 rev 2 Section 41.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 41.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Approved
GP-041869	CR 51.010-1-2427 Section 41.5.1.1.1.6 Uplink TBF establishment with no reallocation of CS resources / Abnormal cases / Handover Command - Extension of expected sequence with test branches k=1 and k=2	Rohde & Schwarz	Approved
GP-041870	CR 51.010-1-2428 Section 41.5.1.1.2.1 Uplink TBF establishment with reallocation of CS resources / Successful case - Extension of expected sequence with test branches k=1 and k=2	Rohde & Schwarz	Approved
GP-041871	CR 51.010-1-2429 Section 41.5.1.1.3 - Uplink TBF establishment required whilst DTM is not supported in cell – Expected Sequence missing	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-041872	CR 51.010-1-2430 Section 41.5.2.3 MO CS establishment whilst in packet transfer mode with uplink and downlink TBFs established – PICS/PIXIT section corrected, Ciphering and Authentication added	Rohde & Schwarz	Revised
GP-042150	CR 51.010-1-2430 rev 1 Section 41.5.2.3 MO CS establishment whilst in packet transfer mode with uplink and downlink TBFs established – PICS/PIXIT section corrected, Ciphering and Authentication added	Rohde & Schwarz	Approved
GP-041873	CR 51.010-1-2431 Section 41.5.2.4 MO CS establishment whilst in packet transfer mode and DTM is not supported in current cell – Authentication and Ciphering added	Rohde & Schwarz	Approved
GP-041874	CR 51.010-1-2432 Section 41.5.3.1.1 Uplink TBF establishment with a downlink TBF established and no PS downlink reallocation – manual operation improved	Rohde & Schwarz	Approved
GP-041875	CR 51.010-1-2433 Section 42.1.2.1.14 to 42.1.2.1.18 Specific message contents	Rohde & Schwarz	Approved
GP-041876	CR 51.010-1-2434 Section 42.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities – RRBP adapt to Method of test	Rohde & Schwarz	Withdrawn
GP-041877	CR 51.010-1-2435 Section 42.4.2.3.3 Clarification of test sequence	Rohde & Schwarz	Revised
GP-042170	CR 51.010-1-2435 rev 1 Section 42.4.2.3.3 Clarification of test sequence	Rohde & Schwarz	Approved
GP-041878	CR 51.010-1-2436 Section 42.4.5.2 Network Assisted Cell Change / No Packet Neighbouring Cell Data and Packet Cell Change Continue	Rohde & Schwarz	Withdrawn
GP-041879	CR 51.010-1-2437 Section 42.4.6.1 Conformance requirement added and further corrections	Rohde & Schwarz	Approved
GP-041880	CR 51.010-1-2438 Section 42.4.6.2 Conformance requirement added and further corrections	Rohde & Schwarz	Approved
GP-041881	CR 51.010-1-2439 Section 42.4.6.3 Conformance requirement added and further corrections	Rohde & Schwarz	Approved
GP-041882	CR 51.010-1-2440 Section 42.4.6.4 Timing requirements corrected	Rohde & Schwarz	Approved
GP-041883	CR 51.010-1-2441 Section 42.4.6.5 Corrections of initial conditions and test sequence	Rohde & Schwarz	Approved
GP-041884	CR 51.010-1-2442 Section 42.4.8.3.2 - erroneous application of MS release	Rohde & Schwarz	Approved

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GP-041885	CR 51.010-1-2443 Section 42.4.8.4.1 - erroneous coding of Packet Measurement Order	Rohde & Schwarz	Approved
GP-041886	CR 51.010-1-2444 Section 42.4.8.4.2 - erroneous coding of Packet Measurement Order and Packet Cell Change Order	Rohde & Schwarz	Approved
GP-041887	CR 51.010-1-2445 Section 42.4.8.4.3 - erroneous coding of Packet Measurement Order	Rohde & Schwarz	Approved
GP-041888	CR 51.010-1-2446 Section 42.4.8.4.4 - erroneous coding of Packet Measurement Order	Rohde & Schwarz	Approved
GP-041889	CR 51.010-1-2447 Section 42.4.8.4.5 - erroneous coding of Packet Measurement Order and simplification using an already existing macro	Rohde & Schwarz	Approved
GP-041890	CR 51.010-1-2448 Section 42.4.8.4.6 - Procedure to enter and maintain TBF missing and others	Rohde & Schwarz	Revised
GP-042158	CR 51.010-1-2448 rev 1 Section 42.4.8.4.6 - Procedure to enter and maintain TBF missing and others	Rohde & Schwarz	Approved
GP-041891	CR 51.010-1-2449 Section 42.4.8.4.7 - Unused PBCCH removed	Rohde & Schwarz	Approved
GP-041892	CR 51.010-1-2450 Section 44.2.3.2.5 Combined routing area updating / rejected / roaming not allowed in this location area – LUP optional for R97 and later MS	Rohde & Schwarz	Approved
GP-041893	CR 51.010-1-2451 Section 47.2.2 - Network originating CS release - Release of cs connection should be triggered by SS, not by MS	Rohde & Schwarz	Approved
GP-041894	CR 51.010-1-2452 Section 50 Specification of Rel 4 default conditions	Rohde & Schwarz	Approved
GP-041895	CR 51.010-1-2453 Section 51.3.6.7 Extended Uplink TBF / Cell Change failure while in Extended Uplink/ No Packet Neighbouring Cell Data	Rohde & Schwarz	Approved
GP-041896	CR 51.010-1-2454 Section 51.3.6.8 - Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data - PSI 14 content changed	Rohde & Schwarz	Approved
GP-041897	CR 51.010-1-2455 Section 51.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 51.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Revised
GP-042148	CR 51.010-1-2455 rev 1 Section 51.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 51.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Revised

Tdoc	Title	Source	Status
GP-042168	CR 51.010-1-2455 rev 2 Section 51.3.6.9 TBF Release / Extended Uplink / Change of RLC mode / normal release and 51.3.6.10 TBF Release / Extended Uplink / Change of RLC mode / abnormal release	Rohde & Schwarz	Approved
GP-041898	CR 51.010-1-2456 Section 52.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities - RRBP adapt to Method of test	Rohde & Schwarz	Withdrawn
GP-041899	CR 51.010-1-2457 Section 53.1.1.18 - EGPRS Acknowledged mode / Uplink TBF / Link Adaptation Procedure for retransmission - Correction of test procedure.	Rohde & Schwarz	Approved
GP-041900	CR 51.010-1-2458 Section 53.1.2.3 Correction of test procedure.	Rohde & Schwarz	Approved
GP-041904	CR 51.010-1-2459 26.9.6.1 Addition of R99 requirements in "Conformance requirement" and "Test purpose"	Cetecom	Approved
GP-041905	CR 51.010-1-2460 42.3.1.1.4 Introduction of an additional Packet Uplink Dummy Control Block in the expected sequence	Cetecom	Withdrawn
GP-041906	CR 51.010-1-2461 52.3.1.1.4 Introduction of an additional Packet Uplink Dummy Control Block in the expected sequence	Cetecom	Withdrawn
GP-041991	CR 51.010-1-2462 Section 42.4.5.3 Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Continue – PSI14	Rohde & Schwarz	Approved
GP-041992	CR 51.010-1-2463 Section 41.3.6.8 Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data – PSI 14 content changed	Rohde & Schwarz	Withdrawn
GP-041993	CR 51.010-1-2464 Section 51.3.6.8 - Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data - PSI 14 content changed	Rohde & Schwarz	Withdrawn
GP-041994	CR 51.010-1-2465 Single Slot DTM support missing in Related PICS/PIXIT Statement(s)	Rohde & Schwarz	Approved
GP-041995	CR 51.010-1-2466 Section 41.5.1.1.2.2 Uplink TBF establishment with reallocation of CS resources / Abnormal case / Assignment Failure - Extension of expected sequence with test branches k=1 and k=2.	Rohde & Schwarz	Approved
GP-041996	CR 51.010-1-2467 Section 40 DTM default conditions - Contents of Layer 3 messages (DTM) – correction of message contents, headline and paragraph formating	Rohde & Schwarz	Withdrawn

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GP-041997	CR 51.010-1-2468 Section 52.1.2.1.9.3 PICS parameters for band interworking and 04.60 Section 12.30 requirements	Rohde & Schwarz	Approved
GP-041999	CR 51.010-1-2469 Section 42.4.5.4 Corrections to the expected sequence	Rohde & Schwarz	Withdrawn
GP-042000	CR 51.010-1-2470 Section 42.4.5.5 Corrections to the expected sequence	Rohde & Schwarz	Revised
GP-042159	CR 51.010-1-2470 rev 1 Section 42.4.5.5 Corrections to the expected sequence	Rohde & Schwarz	Approved
GP-042001	CR 51.010-1-2471 Section 42.4.5.7 Corrections to the expected sequence	Rohde & Schwarz	Approved
GP-042002	CR 51.010-1-2472 Section 42.4.5.9 Corrections to the expected sequence	Rohde & Schwarz	Withdrawn
GP-042026	CR 51.010-1-2473 Correction to test case 27.12.2 (Rel-5)	Motorola	Approved
GP-042027	CR 51.010-1-2474 Corrections to A-GPS test cases (Rel-5)	Motorola	Approved
GP-042038	CR 51.010-1-2475 Correction to test case 42.3.3.2.2	Ericsson	Approved
GP-042044	CR 51.010-1-2476 Correction to test case 52.3.3.2.2	Ericsson	Approved
GP-041232	CR 51.010-2-180 Correction of various Multislot Selection Expressions in Annex B, Table B.1	7layers	Revised
GP-041638	CR 51.010-2-180 rev 1 Correction of various Multislot Selection Expressions in Annex B, Table B.1	7layers	Approved
GP-041237	CR 51.010-2-181 Addition of New NITZ TC 44.2.9.1.3	Wavecom	Approved
GP-041278	CR 51.010-2-182 Addition of test case: Network Control PEMR / Packet Cell Change Order	Ericsson	Withdrawn
GP-041308	CR 51.010-2-183 Addition of new GPRS/EGPRS Extended Uplink Testcases.	SASKEN	Approved
GP-041338	CR 51.010-2-184 Modification to Applicability Table due to addition of new Extended Uplink testcases in 51.010-1	Setcom	Approved
GP-041416	CR 51.010-2-185 Removal of reference to 26.16.9.12	Racal Instruments Wireless Solutions	Approved
GP-041420	CR 51.010-2-186 21.3.5 Signal quality under static conditions – averaging period – TCH/AFS (new test)	Racal Instruments Wireless Solutions	Withdrawn
GP-041455	CR 51.010-2-187 PICS parameters for band interworking	Rohde & Schwarz	Withdrawn

Tdoc	Title	Source	Status
GP-041456	CR 51.010-2-188 Table B.1: Applicability of tests – new tests added: 41.3.6.4, 41.3.6.5, 51.3.6.4, 51.3.6.5	Rohde & Schwarz	Revised
GP-041587	CR 51.010-2-188 rev 1 Table B.1: Applicability of tests – new tests added: 41.3.6.4, 41.3.6.5, 51.3.6.4, 51.3.6.5	Rohde & Schwarz	Withdrawn
GP-041649	CR 51.010-2-189 Section 42.4.6.7 Network Control PEMR Measurement reporting with PBCCN/invalid BSIC	Qualcomm	Approved
GP-041750	CR 51.010-2-190 A4.2 - Addition of supported power classes for 8-PSK terminal equipment	7layers AG	Approved
GP-041998	CR 51.010-2-191 PICS parameters for band interworking	Rohde & Schwarz	Approved
GP-041774	CR 51.010-2-192 Addition of new Inter-RAT Cell Change Order / Failure cases	SASKEN	Approved
GP-041901	CR 51.010-2-193 Addition of 4 new extended uplink TBF test cases to Table B.1: "Applicability of tests".	Rohde & Schwarz	Approved
GP-041902	CR 51.010-2-194 Section 41.5.1.1.2.3.5Uplink TBF establishment with reallocation of CS resources / Abnormal case / Multislot class violation / Incorrect Allocation – applicable DTM Multislot class extended	Rohde & Schwarz	Approved
GP-041903	CR 51.010-2-195 Correction to applicability table for TC 53.1.2.19.	Rohde & Schwarz	Approved
GP-042157	CR 51.010-2-196 Changes in TC 20.22.28	Sasken	Approved
GP-041265	CR 51.010-3-028 26.6.5.1 - Incorrect handing of Timing advance value in the TTCN script.	Anite	Approved
GP-041266	CR 51.010-3-029 26.6.5.2.4 – Handover Command being sent on wrong channel in DCS band	Anite	Approved
GP-041267	CR 51.010-3-030 26.8.1.4.3.2 – Both Frequency list and mobile allocatoin should not be included in Assignment Command	Anite	Approved
GP-041268	CR 51.010-3-031 26.10.3.1 - Correction in TTCN to check if TCH is connected or not	Anite	Approved
GP-041795	CR 51.010-3-032 26.11.5.1 - Incorrect checking for the number of cells present	Anite	Approved
GP-041796	CR 51.010-3-033 26.2.1.3 - Increase delay between executions	Anite	Approved
GP-041797	CR 51.010-3-034 26.6.4.1 - To keep RR connection active	Anite	Approved
GP-041973	CR 51.021-025 Correction of preliminary test of blocking performance for BSS (Rel-6)	Ericsson	Revised

Tdoc	Title	Source	Status
GP-042076	CR 51.021-025 rev 1 Correction of preliminary test of blocking performance for BSS (Rel-6)	Ericsson	Revised
GP-042229	CR 51.021-025 rev 2 Correction of preliminary test of blocking performance for BSS (Rel-6)	Ericsson	Approved