TSG GERAN
TSG SA#26

TSG GERAN Report to TSG-SA#26

TSG-GERAN Chairman
Niels Peter Skov Andersen

Tdoc SP-040892

TSG GERAN #22

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- **GERAN #22**
  - **623 Documents addressed**
  - **470 CRs (including revisions)**
  - **104 delegates**

Pre-release-5 CRs

- Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (R98)
  - No more R98 CRs expected
- Condition of the presence of SI1 depending on the PSCD content (Rel-4)
  - Same change as for PNCD message, this avoids need for MS to suspend a TBF to get SI1 from the broadcast channel
- Power control linkage between CS and PS part in DTM

Release 5 CRs

- Overall restructuring of RIM procedures - application to inter-BSC / inter-RAT NACC
- Correction of the Real-Time Integrity field (LCS)
- Correction of SNS PDUs for IP support
- Enhancements to the UTRAN FDD neighbor cell reporting

Release 6 ñ U-TDOA

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- **U-TDOA for CS domain is considered complete**
- **Inclusion of PS functionality for U-TDOA location method. U-TDOA for PS doamin is considered complete**
- **Correction to add U-TDOA reference to Cell Change for the PS Domain sub-clause**

MBMS ñ Stage 2

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GERAN MBMS Stage 2 to considered complete Incl.

- **Cell-reselection agreed to be as for GPRS Ready-state**
- **Prioritizing MBMS Neighbouring Cell Information**
- **Introduction of prenotification**
- **Clarification on RLC protocol behaviour**
- **Modification to description of MBMS Channel Release procedure**
- **Use of the MBMS NEIGHBOURING CELL INFORMATION message**
- **Suspension & Resumption of the reception of an MBMS session**
- **Paging coordination**

MBMS ñ Stage 3

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GERAN MBMS Stage 3 is well advanced with amongst completed work in the following areas

- **Channel configurations and channel definitions including channel coding**
- **Mobile station MBMS class**
- **Addition of MBMS session start/stop messages**
- **Addition of MBMS in GPRS Cell Options**
- **Addition of MBMS access**
- **Addition of the MNCI message**
- **Addition of MBMS establishment procedure and MBMS ASSIGNMENT message**
- **Addition of MBMS access procedures and MBMS SERVICE REQUEST message**

MBMS ñ Stage 3

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GERAN MBMS Stage 3 still requires work to be completed in the following areas

- **Addition of MBMS Notification and paging coordination**
- **Addition of MBMS address assignment procedure and MBMS MS_ID ASSIGNMENT message**
- **Specification of RLC data block transfer during an MBMS bearer**
- **Addition of MBMS channel reconfiguration procedure via the PACKET DOWNLINK ASSIGNMENT message**
- **Addition of release of an MBMS bearer**
- **Introduction of RIM application for MBMS**

PS HO

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- TS 43.129 Packet Switched Handover for GERAN A/Gb mode, Stage 2 approved as version 6.0.0
- Draft CRs have been created for the following specs under the control of other 3GPP TSG WGs:
  - TS 24.007, 24.008, 25.413, 44.064, 44.065, 48.018, 25.922, 29.060
  - As not all CRs could be discussed due to work load, so it was decided not to send out a partial set of stage 3 CRs. Instead, the stage 2 TS 43.129 v6.0.0 was sent to all relevant groups.

DTM Enhancements

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- Work item completed
- Change to PS Timing Advance behaviour for DTM to Packet Transfer transition
- Change to container length field in Packet CS Command Message
- Support of extended RLCMAC control message segmentation
- Addition of PACKET CS REQUEST message in RLCMAC block transmission priority list

Flexible Layer One

- Main parts of FLO completed
- 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**

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 !**
- **SAIC Feasibility Study completed and approved - TR 45.903**
- **Work on specification of Advanced Receiver Performance (ARP) completed including all performance requirements.**

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)

- Feedback received from TSG SA WG1, WG2 and WG3
- Comments from TSG SA WG1 and WG2 has been taken into account in continuation of the work on a Stage 2
- TSG SA WG3 has confirmed that the adoption the security mechanisms defined by SA WG3 for WLAN-Interworking (TS 33.234) is appropriate.
- Stage 2 is stable and Stage 3 work can commence

Support of Video Telephony

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- **ECSD 32kbit/s coding scheme as been changed to reduce delay in order to make it suitable for 32 kbit/s video telephony (R99→)**
- **Feasibility study started on provision of 64 kbit/s bearer usable for Video Telephony**

On board plane cellular systems

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- Received liaison statement from ETSI MSG regarding impact of onboard plane cellular systems, which have lead to study of the issue first results expected at next meeting
- Main elements of potential interference to terrestrial cellular networks are considered to be:
  - The onboard base station to terrestrial mobiles
  - On board mobiles accessing either on board system or terrestrial system
  - On board EMC shielding (Jamming) of full-set of celluar bands to avoid mobiles attempting accessing terrestrial networks (as this would typically be max power)
- Old GSM documentation show that plane (Boeing 747) do not provide attenuation, in some directions even a gain !!!

TEI6 ñ VGCS

- Introduction of new VGCS/VBS ciphering mechanism
- Introduction of new VGCS/VBS ciphering mechanism
- Paging for VGCS group members
  - Guidelines for the BSS behaviour on receipt of this message from the MSC without the newly added flag are FFS.

TEI6 ñ DTM

- MS behaviour in DTM resource reallocation during uplink TBF establishment
- Correction in the handling of abnormal cases in DTM

TEI6 CRs ñ Other (1)

- GP-042889 CR 44.060-587 rev 2: Applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode Agreed
- GP-042700 CR 49.031-036 rev 1: Addition of Cell ID code point to the Positioning Data Information Element Agreed
- GP-042692 CR 44.060-596 rev 1: Impact of the "NC Frequency List" on serving cell parameters Agreed
  - WG3 to be requested to align their test specs with the understanding of WG2 regarding how the NC frequency lists are to be used.
- GP-042891 CR 48.018-117 rev 2: Handling of PFC information transferred between BVCs via FLUSH-LL procedure Agreed
- GP-042846 CR 44.018-396 rev 2: Enhanced control of maximum output power in a common BCCH cell Agreed

TEI6 CRs ñ Other (2)

- GP-042847 CR 44.060-592 rev 2: Enhanced control of maximum output power in a common BCCH cell Agreed
- GP-042763 CR 44.060-576 rev 3: RLC protocol behaviour for MBMS data transfer Agreed
- GP-042882 CR 43.064-026 rev 2 Removal of PTM-M Endorsed
- GP-042704 CR 44.003-007 rev 1: Removal of PTM-M Agreed
- GP-042883 CR 48.018-115 Removal of PTM-M Agreed
- GP-042694 CR 44.060-602 rev 1: Fast TBF Reallocation Postponed

Other Topics

- **Enhancement to DTM to increase uplink resource allocation**
  - **New Concept to be studied further**
- **Proposal for "Enabling the Providing of Velocity" - Postponed to await clear requirements**

Testing - DARP Work-Plan

- The existing receiver test cases will be analysed further.
- New test cases will be created which will be applicable only to DARP MS.
- Existing test cases that overlap with new DARP specific tests will be changed to indicate that those parts of the test where the overlap occurs shall not be applicable to DARP MS.
- Existing tests cases where it is believed that the current test specification may cause problems for DARP MS will be identified.
- New test cases that are not specific to DARP but are required as a consequence of identified deficiencies will be created.

Testing - BEP

- Number of open issues
- Different proposals for detailed solutions fo rthe testing
- Conference call scheduled to progress the matter outside meetings

Testing - AMR

- AMR layer 1 BER/FER test cases have been standardised for about two years.
- The statistical testing methods have assisted in the reduction of test durations, but worthwhile gains could only be seen when MS performs significantly better than the test limits.
- It has been observed that commercially available AMR MS exhibit results that are very close to the test limits.
- As result, in the immediate future statistical testing probably not result in significant test duration improvements.

- ***Based on foregoing, WG3 has decided to work further toward decreasing the AMR tests time duration*.**

Testing ì STF 272î (TTCN)

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- **TS 51.010-5 ì GERAN to UTRAN InterRAT Abstract Test Suite (ATS)î was approved at TSG GERAN #22**
- **Proposed ToR for the STF for the GERAN to UTRAN handover TTCN tests approved.**

Testing - A-GPS

- WG3 has received a discussion document "Definition of Assistance Data elements in 51.010
  - It was agreed that a consistent set of assistance data values would be standardised and used by all SS implementations. -
  - It was agree that three delivery mechanism will be tested implicitly, but not all Tests will use all delivery mechanisms.
    - RRLP Assistance Data Delivery procedure
    - RRLP Measure Position Request Procedure
    - RRLP Assistance Data Delivery procedure followed by RRLP Measure Position Request procedure.

Testing - Work-Plan

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 #23	**24 ñ 28 January 2005**	**Tampa, USA**
TSG GERAN #24	**04 ñ 08 April 2005**	**Dublin, Ireland**
TSG GERAN #25	**20 ñ 24 June 2005**	**North America**
TSG GERAN #26	**29 August ñ 2 September 2005**	**Host needed**
TSG GERAN #27	**07 ñ 11 November 2005**	**North America**

Extract of GERAN work programme and list of CR handled at TSG GERAN #22 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)

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)

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

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Organisation of TSG GERAN (1/4)

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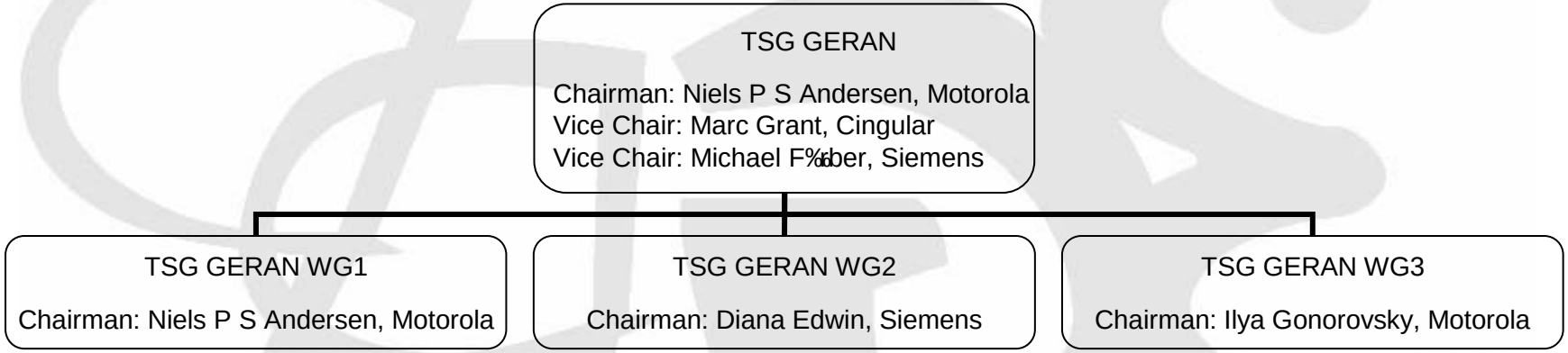

Organisation of TSG GERAN (2/4)

TSG GERAN WG1 ñ 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 ñ 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)

TSG GERAN WG3 ñ 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

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- 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 ñ Reviewed at TSG GERAN #22

This list reflects the open work items running under the responsibility of TSG GERAN 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	85%	November 2002	January 2005	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 ñ 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 ñ 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 ñ 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	100	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	85%	Nov 2003	January 2005	Started
	Radio Channel Support (SCSAGB-RCS) GP-030446	• Radio channel support for Conversational QoS • Introduction of continuous measurement reporting	0%	Feb 2004	November 2005	Not Started
	Definition of radio resource management functionality (SCSAGB-RRM) GP-030447	• Addition/modification of radio resource management protocol layer	0%	Feb 2004	November 2005	Not Started
	PS Handover (SCSAGB-PSH) GP-030448	• BSSGP procedures for change of BSC • Bi-Casting • Context transfer	25%	Feb 2004	January 2005	Not Started
	Modifications to FLO (SCSAGB-FLO) GP-030449	• FLO specific impacts due to conversational QoS	0%	Feb 2004	November 2005	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	100%	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	100%	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	100%	February 2004	November 2004	Started
	DARP Capability signalling GP-041970	Modification of 24.008 for signalling of MS ARP capability	100%	November 2003	September 2004	Started
	GERAN MS Conformance test for ARP GP-041971	MS Test in 51.010	20%	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.	100%	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.	10%	January 2005	April 2005	Not Started
Generic Access to the A/Gb Interface (GP-042247) (GAAI)	Generic IP based Access to A/Gb interface ñ Stage 2	Stage 2 for Generic Access to the A/Gb Interface	75%	April 2005	April 2005	Not Started
	Generic IP based Access to A/Gb interface ñ 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

2 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 ñ 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) ñ 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 ñ 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 22
Cape Town; South Africa
8 ñ 12 November 2004

Status of Change Request presented to TSG GERAN #22

Tdoc	Title	Source	Status
GP-042447	CR 03.55-004 rev 3 Correction to downlink power control for DTM (R99)	Siemens, Nokia, Ericsson	Approved
GP-042574	CR 04.31-A114 rev 3 CR 04.31-A114 rev 2: Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R98) (R98)	Ericsson	Approved
GP-042575	CR 04.31-A115 rev 3 CR 04.31-A115 rev 2: Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (R99) (R99)	Ericsson	Approved
GP-042318	CR 04.31-A118 rev 1 Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (R99)	Motorola	Approved
GP-042317	CR 04.31-A119 Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (R98)	Motorola	Approved
GP-042484	CR 04.60-B140 applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (R99)	Mitsubishi	Withdrawn
GP-042825	CR 05.01-A038 FLO-compatible quick fix for VT over GERAN (R99)	Nokia	Revised
GP-042876	CR 05.01-A038 rev 1 FLO-compatible quick fix for VT over GERAN (R99)	Nokia	Approved
GP-042655	CR 05.03-A049 FLO-compatible quick fix for VT over GERAN (R99)	Nokia	Revised
GP-042821	CR 05.03-A049 rev 1 FLO-compatible quick fix for VT over GERAN (R99)	Nokia	Approved
GP-042754	CR 05.05-A218 Maximum output power when the MS transmits on more slots than assigned for the uplink (R99)	Nokia	Revised
GP-042860	CR 05.05-A218 rev 1 Maximum output power when the MS transmits on more slots than assigned for the uplink (R99)	Nokia	Approved

Tdoc	Title	Source	Status
GP-042451	CR 05.08-A380 rev 2 Downlink power control for DTM (R99)	Siemens, Nokia, Ericsson	Approved
GP-042456	CR 43.022-014 Removal of PTM-M (Rel-6)	Siemens	Approved
GP-042466	CR 43.022-015 Introduction of MBMS (Rel-6)	Siemens	Postponed
GP-042450	CR 43.055-019 rev 5 Correction to downlink power control for DTM (Rel-6)	Siemens, Nokia, Ericsson	Approved
GP-042448	CR 43.055-020 rev 3 Correction to downlink power control for DTM (Rel-4)	Siemens, Nokia, Ericsson	Approved
GP-042449	CR 43.055-021 rev 3 Correction to downlink power control for DTM (Rel-5)	Siemens, Nokia, Ericsson	Approved
GP-042363	CR 43.055-026 rev 3 Alignment of stage 2 with stage 3 for DTM (Rel 6)	Siemens	Approved
GP-042446	CR 43.055-028 Clarification on speech codec for TCH/H in case of multislot configurations (Rel-6)	Siemens	Approved
GP-042330	CR 43.059-051 rev. 9 Inclusion of PS functionality for U-TDOA location method (Rel 6) T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	Approved
GP-042491	CR 43.059-053 Enabling the Providing of Velocity (Rel 7)	SiRF Technology	Postponed
GP-042332	CR 43.059-054 Correction to add U-TDOA reference to Cell Change for the PS Domain sub-clause	T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	Revised
GP-042701	CR 43.059-054 rev 1 Correction to add U-TDOA reference to Cell Change for the PS Domain sub-clause	T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	Approved
GP-042662	CR 43.064-017 rev 3: Annex on multiple TBF procedures (Rel-6)	Siemens	Approved
GP-042364	CR 43.064-025 MS behaviour in DTM resource reallocation during uplink TBF establishment (Rel 6)	Siemens	Approved
GP-042457	CR 43.064-026 Removal of PTM-M (Rel-6)	Siemens	Revised
GP-042751	CR 43.064-026 rev 1 Removal of PTM-M (Rel-6)	Siemens	Revised
GP-042882	CR 43.064-026 rev 2 Removal of PTM-M (Rel-6)	Siemens	Approved

Tdoc	Title	Source	Status
GP-042467	CR 43.064-027 Introduction of MBMS (Rel-6)	Siemens	Revised
GP-042784	CR 43.064-027 rev 1 Introduction of MBMS (Rel-6)	Siemens	Revised
GP-042885	CR 43.064-027 rev 2 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042462	CR 43.246-001 MBMS cell reselection (Rel-6)	Siemens	Revised
GP-042782	CR 43.246-001 rev 1 MBMS cell reselection (Rel-6)	Siemens	Approved
GP-042463	CR 43.246-002 Definition of MPRACH (Rel-6)	Siemens	Revised
GP-042800	CR 43.246-002 rev 1 Definition of MPRACH (Rel-6)	Siemens	Approved
GP-042464	CR 43.246-003 Clarification on RLC protocol behaviour (Rel-6)	Siemens	Revised
GP-042778	CR 43.246-003 rev 1 Clarification on RLC protocol behaviour (Rel-6)	Siemens	Approved
GP-042465	CR 43.246-004 Editorial corrections (Rel-6)	Siemens	Revised
GP-042680	CR 43.246-004 rev 1 Editorial corrections (Rel-6)	Siemens	Revised
GP-042801	CR 43.246-004 rev 2 Editorial corrections (Rel-6)	Siemens	Approved
GP-042562	CR 43.246-005 Maximum time limit for receiving data	Telecom Italia S.p.A.	Revised
GP-042776	CR 43.246-005 rev 1 Maximum time limit for receiving data (Rel-6)	Telecom Italia S.p.A.	Revised
GP-042848	CR 43.246-005 rev 2 Maximum time limit for receiving data (Rel-6)	Telecom Italia S.p.A.	Withdrawn
GP-042563	CR 43.246-006 MBMS_BEARER_ID reconfiguration	Telecom Italia S.p.A.	Withdrawn
GP-042564	CR 43.246-007 Suspension & Resumption of the reception of an MBMS session	Telecom Italia S.p.A.	Revised
GP-042777	CR 43.246-007 rev 1 Suspension & Resumption of the reception of an MBMS session (Rel-6)	Telecom Italia S.p.A.	Revised
GP-042870	CR 43.246-007 rev 2 Suspension & Resumption of the reception of an MBMS session (Rel-6)	Telecom Italia S.p.A.	Revised
GP-042908	CR 43.246-007 rev 3 Suspension & Resumption of the reception of an MBMS session (Rel-6)	Telecom Italia S.p.A.	Approved
GP-042566	CR 43.246-008 Addition of flexible reconfiguration for MBMS_BEARER_ID and MS_ID	Telecom Italia S.p.A., Siemens	Approved

Tdoc	Title	Source	Status
GP-042567	CR 43.246-009 Addition of reception of multiple sessions	Ericsson, Nokia, Siemens, Telecom Italia S.p.A., Vodafone	Revised
GP-042678	CR 43.246-009 rev 1 Addition of reception of multiple sessions	Ericsson, Nokia, Siemens, Telecom Italia S.p.A., Vodafone	Approved
GP-042568	CR 43.246-010 Addition of the cause indication whereby an MBMS p-t-m bearer is not established in a cell inside the MBMS ASSIGNMENT message	Ericsson, Nokia, Siemens, Telecom Italia S.p.A., Vodafone	Revised
GP-042679	CR 43.246-010 rev 1 Addition of the cause indication whereby an MBMS p-t-m bearer is not established in a cell inside the MBMS ASSIGNMENT message	Ericsson, Nokia, Siemens, Telecom Italia S.p.A., Vodafone	Approved
GP-042632	CR 43.246-011 Prioritzing MBMS Neighbouring Cell Information (Rel 6)	Nokia	Revised
GP-042805	CR 43.246-011 rev 1 Prioritzing MBMS Neighbouring Cell Information (Rel 6)	Nokia	Approved
GP-042634	CR 43.246-012 Introduction of prenotification; Nokia (Rel 6)	Nokia	Revised
GP-042807	CR 43.246-012 rev 1 Introduction of prenotification; Nokia (Rel 6)	Nokia	Approved
GP-042675	CR 43.246-013 Modifications to description of MBMS Channels	Vodafone	Revised
GP-042681	CR 43.246-013 rev 1 Modifications to description of MBMS Channels	Vodafone	Approved
GP-042517	CR 43.246-014 Use of the MBMS NEIGHBOURING CELL INFORMATION message (Rel 6)	Siemens	Revised
GP-042682	CR 43.246-014 rev 1 Use of the MBMS NEIGHBOURING CELL INFORMATION message (Rel 6)	Siemens	Revised
GP-042873	CR 43.246-014 rev 2 Use of the MBMS NEIGHBOURING CELL INFORMATION message (Rel-6)	Siemens	Revised
GP-042898	CR 43.246-014 rev 3 Use of the MBMS NEIGHBOURING CELL INFORMATION message (Rel-6)	Siemens	Approved
GP-042780	CR 43.246-015 MBMS notification for MS in packet transfer mode (Rel-6)	Vodafone	Revised

Tdoc	Title	Source	Status
GP-042871	CR 43.246-015 rev 1 MBMS notification for MS in packet transfer mode (Rel-6)	Vodafone	Revised
GP-042896	CR 43.246-015 rev 2 MBMS notification for MS in packet transfer mode	Vodafone	Approved
GP-042841	CR 43.246-016 MBMS notification for MS in dedicated mode (Rel-6)	Vodafone	Revised
GP-042872	CR 43.246-016 rev 1 MBMS notification for MS in dedicated mode (Rel-6)	Vodafone	Revised
GP-042897	CR 43.246-016 rev 2 MBMS notification for MS in dedicated mode	Vodafone	Approved
GP-042458	CR 44.003-007 Removal of PTM-M (Rel-6)	Siemens	Revised
GP-042704	CR 44.003-007 rev 1 Removal of PTM-M (Rel-6)	Siemens	Approved
GP-042339	CR 44.018-366 rev 3 Introduction of new VGCS/VBS ciphering mechanism (Rel 6)	Siemens	Revised
GP-042764	CR 44.018-366 rev 4 Introduction of new VGCS/VBS ciphering mechanism (Rel-6)	Siemens	Approved
GP-042527	CR 44.018-377 rev 2 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Rejected
GP-042528	CR 44.018-378 rev 2 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Rejected
GP-042582	CR 44.018-388 rev 1 Clarification of messages used for change of frequency parameters in DTM resource reallocation (Rel-6)	Siemens	Approved
GP-042365	CR 44.018-389 rev 2 Change to PS Timing Advance behaviour for DTM to Packet Transfer transition (Rel 6)	Siemens	Revised
GP-042771	CR 44.018-389 rev 3 Change to PS Timing Advance behaviour for DTM to Packet Transfer transition (Rel-6)	Siemens	Withdrawn
GP-042580	CR 44.018-390 rev 1 MS behaviour in DTM resource reallocation during uplink TBF establishment (Rel-6)	Siemens	Approved
GP-042573	CR 44.018-391 Removal of use of main DCCH for Packet Resource in DTM (Rel-6)	Siemens	Approved
GP-042327	CR 44.018-392 Introduction of MBMS Notification for MS in dedicated mode	Vodafone	Revised
GP-042843	CR 44.018-392 rev 1 Introduction of MBMS Notification for MS in dedicated mode (Rel-6)	Vodafone	Postponed

Tdoc	Title	Source	Status
GP-042479	CR 44.018-393 Correction in the handling of abnormal cases in DTM (Rel 6)	Motorola	Revised
GP-042685	CR 44.018-393 rev 1 Correction in the handling of abnormal cases in DTM (Rel-6)	Motorola	Revised
GP-042768	CR 44.018-393 rev 2 Correction in the handling of abnormal cases in DTM (Rel-6)	Motorola	Approved
GP-042549	CR 44.018-394 Addition of MBMS access (Rel 6)	Ericsson	Revised
GP-042710	CR 44.018-394 rev 1 Addition of MBMS access (Rel-6)	Ericsson	Approved
GP-042550	CR 44.018-395 Addition of MBMS Notification (Rel 6)	Ericsson, Nokia	Revised
GP-042709	CR 44.018-395 rev 1 Addition of MBMS Notification (Rel-6)	Ericsson, Nokia	Postponed
GP-042642	CR 44.018-396 Enhanced control of maximum output power in a common BCCH cell (Rel 6)	Nokia	Revised
GP-042767	CR 44.018-396 rev 1 Enhanced control of maximum output power in a common BCCH cell (Rel-6)	Nokia	Revised
GP-042846	CR 44.018-396 rev 2 Enhanced control of maximum output power in a common BCCH cell (Rel-6)	Nokia	Approved
GP-042629	CR 44.018-397 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Revised
GP-042855	CR 44.018-397 rev 1 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Approved
GP-042803	CR 44.018-398 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-5)	Nokia	Approved
GP-042576	CR 44.031-118 rev 3 CR 44.031-118 rev 2: Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-4) (Rel-4)	Ericsson	Approved
GP-042577	CR 44.031-119 rev 3 CR 44.031-119 rev 2: Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-5) (Rel-5)	Ericsson	Approved
GP-042578	CR 44.031-120 rev 3 CR 44.031-120 rev 2: Correction of relation between GSM Reference Frame and GPS TOW to achieve high-accuracy timing assistance for AGPS (Rel-6) (Rel-6)	Ericsson	Approved
GP-042444	CR 44.031-122 rev 3 Correction of the Real-Time Integrity field (Rel 5)	Alcatel	Revised

Tdoc	Title	Source	Status
GP-042690	CR 44.031-122 rev 4 Correction of the Real-Time Integrity field (Rel-5)	Alcatel	Approved
GP-042445	CR 44.031-123 rev 3 Correction of the Real-Time Integrity field (Rel 6)	Alcatel	Revised
GP-042691	CR 44.031-123 rev 4 Correction of the Real-Time Integrity field (Rel-6)	Alcatel	Approved
GP-042319	CR 44.031-125 rev 1 Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (Rel-4)	Motorola	Approved
GP-042320	CR 44.031-126 rev 1 Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (Rel-5)	Motorola	Approved
GP-042321	CR 44.031-127 rev 1 Correction of allowed RRLP GPS reference location shapes for compatibility and consistent operation (Rel-6)	Motorola	Approved
GP-042492	CR 44.031-128 Enabling the Providing of Velocity (Rel 7)	SiRF Technology	Postponed
GP-042579	CR 44.060-551 rev 4 RLC data block usage during change of service demand (Rel-6)	Infineon AG, Melco, Nortel Networks, Siemens, STMicroelectonics	Approved
GP-042529	CR 44.060-571 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Rejected
GP-042530	CR 44.060-572 rev 1 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Rejected
GP-042516	CR 44.060-574 rev 1 Addition of the MNCI message	Siemens	Revised
GP-042779	CR 44.060-574 rev 2 Addition of the MNCI message (Rel-6)	Siemens	Revised
GP-042899	CR 44.060-574 rev 3 Addition of the MNCI message	Siemens	Revised
GP-042905	CR 44.060-574 rev 4 Addition of the MNCI message	Siemens	Approved
GP-042581	CR 44.060-575 rev 1 MS behaviour on receiving PACKET CS RELEASE INDICATION message (Rel-6)	Siemens	Approved
GP-042583	CR 44.060-576 rev 2 RLC protocol behaviour for MBMS data transfer (Rel-6)	Siemens	Revised
GP-042763	CR 44.060-576 rev 3 RLC protocol behaviour for MBMS data transfer (Rel-6)	Siemens	Approved
GP-042324	CR 44.060-577 Introduction of MBMS Notification for MS in packet transfer mode	Vodafone	Revised

Tdoc	Title	Source	Status
GP-042842	CR 44.060-577 rev 1 Introduction of MBMS Notification for MS in packet transfer mode (Rel-6)	Vodafone	Postponed
GP-042366	CR 44.060-578 Change to PS Timing Advance behaviour for DTM to Packet Transfer transition (Rel 6)	Siemens	Revised
GP-042772	CR 44.060-578 rev 1 Change to PS Timing Advance behaviour for DTM to Packet Transfer transition (Rel-6)	Siemens	Approved
GP-042468	CR 44.060-579 Parameters for MBMS cell reselection (Rel-6)	Siemens	Withdrawn
GP-042545	CR 44.060-580 Addition of MBMS in GPRS Cell Options (Rel 6)	Ericsson	Revised
GP-042705	CR 44.060-580 rev 1 Addition of MBMS in GPRS Cell Options (Rel-6)	Ericsson	Approved
GP-042546	CR 44.060-581 Addition of MBMS establishment procedure and MBMS ASSIGNMENT message (Rel 6)	Ericsson	Revised
GP-042706	CR 44.060-581 rev 1 Addition of MBMS establishment procedure and MBMS ASSIGNMENT message (Rel-6)	Ericsson	Revised
GP-042894	CR 44.060-581 rev 2 Addition of MBMS establishment procedure and MBMS ASSIGNMENT message	Ericsson	Approved
GP-042547	CR 44.060-582 Addition of MBMS access procedures and MBMS SERVICE REQUEST message (Rel 6)	Ericsson	Revised
GP-042707	CR 44.060-582 rev 1 Addition of MBMS access procedures and MBMS SERVICE REQUEST message (Rel-6)	Ericsson	Revised
GP-042895	CR 44.060-582 rev 2 Addition of MBMS access procedures and MBMS SERVICE REQUEST message	Ericsson	Approved
GP-042548	CR 44.060-583 Addition of MBMS NOTIFICATION (Rel 6)	Ericsson, Nokia	Revised
GP-042708	CR 44.060-583 rev 1 Addition of MBMS NOTIFICATION (Rel-6)	Ericsson, Nokia	Postponed
GP-042565	CR 44.060-584 Addition of MBMS address assignment procedure and MBMS MS_ID ASSIGNMENT message	Telecom Italia S.p.A.	Revised
GP-042759	CR 44.060-584 rev 1 Addition of MBMS address assignment procedure and MBMS MS_ID ASSIGNMENT message (Rel-6)	Telecom Italia S.p.A.	Postponed
GP-042485	CR 44.060-585 applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (Rel 4)	Mitsubishi	Withdrawn
GP-042486	CR 44.060-586 applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (Rel 5)	Mitsubishi	Withdrawn

Tdoc	Title	Source	Status
GP-042487	CR 44.060-587 applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (Rel 6)	Mitsubishi	Revised
GP-042686	CR 44.060-587 rev 1 Applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (Rel-6)	Mitsubishi	Revised
GP-042889	CR 44.060-587 rev 2 Applicability of RESEGMENT bit during TBF using RLC Unacknowledged mode (Rel-6)	Mitsubishi	Approved
GP-042585	CR 44.060-588 Change to container length field in Packet CS Command Message (Rel 6)	Siemens	Approved
GP-042596	CR 44.060-589 Addition of operation during an MBMS bearer (Rel 6)	Telecom Italia S.p.A.	Withdrawn
GP-042597	CR 44.060-590 Addition of MBMS channel reconfiguration procedure via the PACKET DOWNLINK ASSIGNMENT message (Rel 6)	Telecom Italia S.p.A.	Revised
GP-042774	CR 44.060-590 rev 1 Addition of MBMS channel reconfiguration procedure via the PACKET DOWNLINK ASSIGNMENT message (Rel-6)	Telecom Italia S.p.A.	Postponed
GP-042598	CR 44.060-591 Addition of release of an MBMS bearer (Rel 6)	Telecom Italia S.p.A.	Revised
GP-042775	CR 44.060-591 rev 1 Addition of release of an MBMS bearer (Rel-6)	Telecom Italia S.p.A.	Postponed
GP-042643	CR 44.060-592 Enhanced control of maximum output power in a common BCCH cell (Rel 6)	Nokia	Revised
GP-042770	CR 44.060-592 rev 1 Enhanced control of maximum output power in a common BCCH cell (Rel-6)	Nokia	Revised
GP-042847	CR 44.060-592 rev 2 Enhanced control of maximum output power in a common BCCH cell (Rel-6)	Nokia	Approved
GP-042644	CR 44.060-593 Support of extended RLCMAC control message segmentation (Rel 6)	Nokia	Revised
GP-042773	CR 44.060-593 rev 1 Support of extended RLCMAC control message segmentation (Rel-6)	Nokia	Approved
GP-042645	CR 44.060-594 Addition of PACKET CS REQUEST message in RLCMAC block transmission priority list (Rel 6)	Nokia	Approved
GP-042630	CR 44.060-595 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Revised
GP-042856	CR 44.060-595 rev 1 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Approved

Tdoc	Title	Source	Status
GP-042648	CR 44.060-596 Impact of the "NC Frequency List" on serving cell parameters (Rel 6)	Infineon	Revised
GP-042692	CR 44.060-596 rev 1 Impact of the "NC Frequency List" on serving cell parameters (Rel-6)	Infineon	Approved
GP-042649	CR 44.060-597 Condition of the presence of SI1 depending on the PSCD content (Rel 6) - WITHDRAWN	Infineon	Withdrawn
GP-042650	CR 44.060-598 RLC non-persistent mode (Rel 6)	Infineon	Withdrawn
GP-042652	CR 44.060-599 Condition of the presence of SI1 depending on the PSCD content (Rel 4)	Infineon	Revised
GP-042687	CR 44.060-599 rev 1 Condition of the presence of SI1 depending on the PSCD content (Rel-4)	Infineon	Approved
GP-042653	CR 44.060-600 Condition of the presence of SI1 depending on the PSCD content (Rel 5)	Infineon	Revised
GP-042688	CR 44.060-600 rev 1 Condition of the presence of SI1 depending on the PSCD content (Rel-5)	Infineon	Approved
GP-042654	CR 44.060-601 Condition of the presence of SI1 depending on the PSCD content (Rel 6)	Infineon	Revised
GP-042689	CR 44.060-601 rev 1 Condition of the presence of SI1 depending on the PSCD content (Rel-6)	Infineon	Approved
GP-042635	CR 44.060-602 Fast TBF Reallocation (Rel 6)	Nortel Networks, Ericsson	Revised
GP-042694	CR 44.060-602 rev 1 Fast TBF Reallocation (Rel-6)	Nortel Networks, Ericsson	Postponed
GP-042665	CR 44.060-603 RLC data block transfer during an MBMS bearer	Siemens	Revised
GP-042760	CR 44.060-603 rev 1 RLC data block transfer during an MBMS bearer (Rel-6)	Siemens	Postponed
GP-042804	CR 44.060-604 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-5)	Nokia	Approved
GP-042469	CR 45.001-034 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042785	CR 45.001-035 Removal of PTM-M	Siemens	Approved
GP-042826	CR 45.001-036 FLO-compatible quick fix for VT over GERAN (Rel-4)	Nokia	Revised
GP-042877	CR 45.001-036 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-4)	Nokia	Approved

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GP-042827	CR 45.001-037 FLO-compatible quick fix for VT over GERAN (Rel-5)	Nokia	Revised
GP-042878	CR 45.001-037 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-5)	Nokia	Approved
GP-042828	CR 45.001-038 FLO-compatible quick fix for VT over GERAN (Rel-6)	Nokia	Revised
GP-042879	CR 45.001-038 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-6)	Nokia	Approved
GP-042459	CR 45.002-090 Removal of PTM-M (Rel-6)	Siemens	Revised
GP-042752	CR 45.002-090 rev 1 Removal of PTM-M (Rel-6)	Siemens	Approved
GP-042470	CR 45.002-091 Introduction of MBMS (Rel-6)	Siemens	Revised
GP-042783	CR 45.002-091 rev 1 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042471	CR 45.003-042 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042656	CR 45.003-043 FLO-compatible quick fix for VT over GERAN (Rel-4)	Nokia	Revised
GP-042822	CR 45.003-043 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-4)	Nokia	Approved
GP-042657	CR 45.003-044 FLO-compatible quick fix for VT over GERAN (Rel-5)	Nokia	Revised
GP-042823	CR 45.003-044 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-5)	Nokia	Approved
GP-042623	CR 45.003-045 FLO-compatible quick fix for VT over GERAN (Rel-6)	Nokia	Revised
GP-042824	CR 45.003-045 rev 1 FLO-compatible quick fix for VT over GERAN (Rel-6)	Nokia	Approved
GP-042786	CR 45.003-046 Removal of PTM-M	Siemens	Approved
GP-042472	CR 45.005-091 MBMS performance specification (Rel-6)	Siemens	Rejected
GP-042534	CR 45.005-092 Introduction of DARP performance requirements (Rel-6)	Cingular, Ericsson, Infineon, Intel, Motorola, Nokia, Nortel, Philips, Qualcomm, Siemens, Texas Instruments, Vodafone	Revised

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GP-042731	CR 45.005-092 rev 1 Introduction of DARP performance requirements (Rel-6)	Cingular, Ericsson, Infineon, Intel, Motorola, Nokia, Nortel, Philips, Qualcomm, Siemens, Texas Instruments, Vodafone	Revised
GP-042829	CR 45.005-092 rev 2 Introduction of DARP performance requirements (Rel-6)	Cingular, Ericsson, Infineon, Intel, Motorola, Nokia, Nortel, Philips, Qualcomm, Siemens, Texas Instruments, Vodafone	Approved
GP-042543	CR 45.005-093 Maximum output power when the MS transmits on more slots than assigned for the uplink (Rel 6)	Nokia	Revised
GP-042753	CR 45.005-093 rev 1 Maximum output power when the MS transmits on more slots than assigned for the uplink (Rel 6)	Nokia	Approved
GP-042592	CR 45.005-094 FLO performance requirements	Nokia	Approved
GP-042755	CR 45.005-095 Maximum output power when the MS transmits on more slots than assigned for the uplink (Rel 4)	Nokia	Approved
GP-042756	CR 45.005-096 Maximum output power when the MS transmits on more slots than assigned for the uplink (Rel 5)	Nokia	Approved
GP-042857	CR 45.005-097 Removal of PTM-M (Rel 6)	Siemens	Approved
GP-042454	CR 45.008-225 rev 5 Downlink power control for DTM (Rel-6)	Siemens, Nokia, Ericsson	Approved
GP-042525	CR 45.008-233 rev 2 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-5)	Ericsson	Rejected
GP-042526	CR 45.008-234 rev 2 Introduction of combined reporting of CPICH Ec/No and RSCP (Rel-6)	Ericsson	Rejected
GP-042658	CR 45.008-236 rev 3 Usage of C1 and cell barring in NC2 (Rel 6)	Infineon	Revised
GP-042851	CR 45.008-236 rev 4 Usage of C1 and cell barring in NC2 (Rel 6)	Infineon	Revised

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GP-042864	CR 45.008-236 rev 5 Usage of C1 and cell barring in NC2 (Rel 6)	Infineon	Approved
GP-042452	CR 45.008-238 rev 2 Downlink power control for DTM (Rel-4)	Siemens, Nokia, Ericsson	Approved
GP-042453	CR 45.008-239 rev 2 Downlink power control for DTM (Rel-5)	Siemens, Nokia, Ericsson	Approved
GP-042328	CR 45.008-240 Correction to FDD_RSCPmin parameter usage and change of default value (Rel-5)	TeliaSonera	Approved
GP-042329	CR 45.008-241 Correction to FDD_RSCPmin parameter usage and change of default value (Rel-6)	TeliaSonera	Approved
GP-042473	CR 45.008-242 Introduction of MBMS (Rel-6)	Siemens	Revised
GP-042789	CR 45.008-242 rev 1 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042474	CR 45.008-243 MBMS cell reselection (Rel-6)	Siemens	Revised
GP-042781	CR 45.008-243 rev 1 MBMS cell reselection (Rel-6)	Siemens	Approved
GP-042535	CR 45.008-244 Clarification of BEP measurements for data channels and half-rate speech channels	Ericsson	Rejected
GP-042542	CR 45.008-245 Improvements to 2G 3G intersystem operability. (Rel-6)	Nokia	Approved
GP-042593	CR 45.008-246 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel 5)	Motorola	Withdrawn
GP-042594	CR 45.008-247 CPICH RSCP based criterion for GERAN to UTRAN FDD cell reselection (Rel 6)	Motorola	Withdrawn
GP-042636	CR 45.008-249 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Revised
GP-042758	CR 45.008-249 rev 1 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Revised
GP-042863	CR 45.008-249 rev 2 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-6)	Nokia	Approved
GP-042641	CR 45.008-250 Enhanced control of maximum output power in a common BCCH cell (Rel 6)l	Nokia	Revised
GP-042757	CR 45.008-250 rev 1 Enhanced control of maximum output power in a common BCCH cell (Rel 6)	Nokia	Revised
GP-042861	CR 45.008-250 rev 2 Enhanced control of maximum output power in a common BCCH cell (Rel 6)	Nokia	Approved

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GP-042802	CR 45.008-251 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-5)	Nokia	Revised
GP-042862	CR 45.008-251 rev 1 Enhancements to the UTRAN FDD neighbor cell reporting (Rel-5)	Nokia	Approved
GP-042881	CR 45.010-030 rev 1 Timing Advance behaviour for DTM to Packet Transfer mode transition	Siemens	Approved
GP-042455	CR 45.010-030 Timing Advance behaviour for DTM to Packet Transfer mode transition (Rel-6)	Siemens	Revised
GP-042475	CR 45.050-002 Introduction of MBMS (Rel-6)	Siemens	Revised
GP-042788	CR 45.050-002 rev 1 Introduction of MBMS (Rel-6)	Siemens	Approved
GP-042625	CR 45.902-023 TFC selection in the downlink (Rel-6)	Nokia	Approved
GP-042669	CR 45.903-001 System Capacity Figures for Network Configuration 4	Siemens	Approved
GP-042340	CR 48.008-140 Introduction of new VGCS/VBS ciphering mechanism (Rel 6)	Siemens	Revised
GP-042765	CR 48.008-140 rev 1 Introduction of new VGCS/VBS ciphering mechanism (Rel-6)	Siemens	Approved
GP-042493	CR 48.008-141 Enabling the Providing of Velocity (Rel 7)	SiRF Technology	Postponed
GP-042561	CR 48.008-142 Paging for VGCS group members	Ericsson	Revised
GP-042766	CR 48.008-142 rev 1 Paging for VGCS group members (Rel-6)	Ericsson	Revised
GP-042890	CR 48.008-142 rev 2 Paging for VGCS group members (Rel-6)	Ericsson	Revised
GP-042900	CR 48.008-142 rev 3 Paging for VGCS group members	Ericsson	Approved
GP-042570	CR 48.016-017 Correction of SNS PDUs for IP support (Rel-5)	MCC	Approved
GP-042571	CR 48.016-018 Correction of SNS PDUs for IP support (Rel-6)	MCC	Approved
GP-042506	CR 48.018-089 rev 8 RIM-NACC clean up (Rel-5)	Siemens, Nortel	Withdrawn
GP-042507	CR 48.018-112 rev 2 RIM-NACC clean up (Rel-6)	Siemens, Nortel	Withdrawn
GP-042513	CR 48.018-113 rev 1 Introduction of the RIM application SI3	Siemens	Revised
GP-042844	CR 48.018-113 rev 2 Introduction of the RIM application SI3	Siemens	Postponed

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GP-042514	CR 48.018-114 rev 1 Introduction of the RIM application MBMS data channel	Siemens	Postponed
GP-042460	CR 48.018-115 Removal of PTM-M (Rel-6)	Siemens	Revised
GP-042883	CR 48.018-115 rev 1 Removal of PTM-M (Rel-6)	Siemens	Approved
GP-042544	CR 48.018-116 Addition of MBMS session start/stop messages (Rel 6)	Ericsson	Revised
GP-042703	CR 48.018-116 rev 1 Addition of MBMS session start/stop messages (Rel-6)	Ericsson	Approved
GP-042599	CR 48.018-117 Handling of PFC information transferred between BVCs via FLUSH-LL procedure (Rel 6)	Nortel Networks	Revised
GP-042845	CR 48.018-117 rev 1 Handling of PFC information transferred between BVCs via FLUSH-LL procedure (Rel-6)	Nortel Networks	Revised
GP-042891	CR 48.018-117 rev 2 Handling of PFC information transferred between BVCs via FLUSH-LL procedure (Rel-6)	Nortel Networks	Approved
GP-042600	CR 48.018-118 Overall restructuring of RIM procedures - application to inter-BSC / inter-RAT NACC (Rel 5)	Nortel Networks, Siemens, Nokia, Ericsson	Revised
GP-042695	CR 48.018-118 rev 1 Overall restructuring of RIM procedures - application to inter-BSC / inter-RAT NACC (Rel-5)	Nortel Networks, Siemens, Nokia, Ericsson	Approved
GP-042601	CR 48.018-119 Overall restructuring of RIM procedures - application to inter-BSC / inter-RAT NACC (Rel 6)	Nortel Networks, Siemens, Nokia, Ericsson	Revised
GP-042696	CR 48.018-119 rev 1 Overall restructuring of RIM procedures - application to inter-BSC / inter-RAT NACC (Rel-6)	Nortel Networks, Siemens, Nokia, Ericsson	Approved
GP-042572	CR 48.071-022 rev 7 Inclusion of PS functionality for U-TDOA location method (Rel-6)	TruePosition	Approved
GP-042499	CR 48.071-025 Generic Access Network Lb interface support ñ BSSLAP (Rel 7)	T-Mobile US	Withdrawn
GP-042494	CR 49.031-035 Enabling the Providing of Velocity (Rel 7)	SiRF Technology	Postponed
GP-042331	CR 49.031-036 Addition of Cell ID code point to the Positioning Data Information Element (Rel 6)	T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	Revised

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GP-042700	CR 49.031-036 rev 1 Addition of Cell ID code point to the Positioning Data Information Element (Rel-6)	T-Mobile USA, Cingular Wireless, Andrew Corporation, TruePosition	Approved
GP-042500	CR 49.031-037 Generic Access Network Lb interface support ñ BSSLAP (Rel 7)	T-Mobile US	Withdrawn
GP-042297	CR 51.010-1-2477 44.2.9.1.1 ñ Various corrections to test procedure and sequence	7layers	Revised
GP-042726	CR 51.010-1-2477 rev 1 44.2.9.1.1 ñ Various corrections to test procedure and sequence	7layers	Approved
GP-042298	CR 51.010-1-2478 44.2.9.1.2 ñ Specific Message Content for step 5 corrected	7layers	Revised
GP-042727	CR 51.010-1-2478 rev 1 .2.9.1.2 ñ Specific Message Content for step 5 corrected	7layers	Approved
GP-042299	CR 51.010-1-2479 44.2.9.1.3 ñ New step 10 for RR connection release and comments in step 15 added to test sequence	7layers	Revised
GP-042728	CR 51.010-1-2479 rev 1 44.2.9.1.3 ñ New step 10 for RR connection release and comments in step 15 added to test sequence	7layers	Approved
GP-042301	CR 51.010-1-2480 Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4.	Alcatel	Revised
GP-042721	CR 51.010-1-2480 rev 1 Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4.	Alcatel	Approved
GP-042302	CR 51.010-1-2481 42.4.4.4 - Removal of the TC as it is not testing the "Test Purpose"	Wavecom	Withdrawn
GP-042303	CR 51.010-1-2482 42.4.5.5 - Increase of sent data	Wavecom	Approved
GP-042305	CR 51.010-1-2483 Section 34.4.8.2 Correction of test sequence	Setcom	Withdrawn
GP-042306	CR 51.010-1-2484 42.4.2.3.1 Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case	Setcom	Revised
GP-042723	CR 51.010-1-2484 rev 1 42.4.2.3.1 Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case	Setcom	Approved

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GP-042307	CR 51.010-1-2485 Section 46.1.2.3.2 Correction of test sequence	Setcom	Revised
GP-042743	CR 51.010-1-2485 rev 1 Section 46.1.2.3.2 Correction of test sequence	Setcom	Approved
GP-042308	CR 51.010-1-2486 42.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities	Setcom	Withdrawn
GP-042309	CR 51.010-1-2487 42.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Setcom	Revised
GP-042809	CR 51.010-1-2487 rev 1 42.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Setcom	Approved
GP-042310	CR 51.010-1-2488 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Revised
GP-042724	CR 51.010-1-2488 rev 1 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Revised
GP-042810	CR 51.010-1-2488 rev 2 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Approved
GP-042311	CR 51.010-1-2489 42.3.3.3 Dynamic Allocation / Resource reallocation / Reject	Setcom	Approved
GP-042312	CR 51.010-1-2490 52.3.2.1.2 Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Normal / Multislot capabilities - RRBP adapt to Method of test	Setcom	Withdrawn
GP-042313	CR 51.010-1-2491 52.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Revised
GP-042811	CR 51.010-1-2491 rev 1 52.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Setcom	Approved
GP-042314	CR 51.010-1-2492 52.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Setcom	Revised
GP-042813	CR 51.010-1-2492 rev 1 52.3.1.2.3 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	Setcom	Approved

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GP-042315	CR 51.010-1-2493 52.3.3.3 Dynamic Allocation / Resource reallocation / Reject	Setcom	Approved
GP-042316	CR 51.010-1-2494 53.1.2.3 Acknowledged Mode/ Downlink TBF/ Window Size/ Default Value	Setcom	Revised
GP-042745	CR 51.010-1-2494 rev 1 53.1.2.3 Acknowledged Mode/ Downlink TBF/ Window Size/ Default Value	Setcom	Approved
GP-042333	CR 51.010-1-2495 Section 27.11.1.4 Correction to the section external-references in the testcase 27.11.1.4	MCC	Approved
GP-042334	CR 51.010-1-2496 Section 26.7.4.5.4.6 Inclusion of missing TC on Location updating/periodic search for higher priority PLMN when the list of equivalent PLMNs includes the HPLMN, when a MS is registered in a foreign countryís VPLMN/MS is in automatic mode	MCC	Approved
GP-042336	CR 51.010-1-2497 Section 42.5.5.3 Downlink Transfer/ Reestablishment/ Invalid Frequency Parameters IE	Setcom	Revised
GP-042814	CR 51.010-1-2497 rev 1 Section 42.5.5.3 Downlink Transfer/ Reestablishment/ Invalid Frequency Parameters IE	Setcom	Withdrawn
GP-042337	CR 51.010-1-2498 Note added to section 40	Setcom, Nokia	Revised
GP-042718	CR 51.010-1-2498 rev 1 Note added to section 40	Setcom, Nokia	Approved
GP-042338	CR 51.010-1-2499 defined PSI14 in case PBCCH is not present	Setcom, Nokia	Approved
GP-042341	CR 51.010-1-2500 Section 26.6.11.3 - Classmark interrogation / UTRAN Classmark Change	Rohde & Schwarz	Revised
GP-042797	CR 51.010-1-2500 rev 1 Section 26.6.11.3 ñ Classmark interrogation / UTRAN Classmark Change	Rohde & Schwarz	Withdrawn
GP-042342	CR 51.010-1-2501 Section 26.6.11.4 - Early UTRAN Classmark Sending	Rohde & Schwarz	Withdrawn
GP-042343	CR 51.010-1-2502 Section 42.1.2.2.5.1 Packet Downlink Assignment / Abnormal cases / Incorrect PDCH assignment	Rohde & Schwarz	Revised
GP-042747	CR 51.010-1-2502 rev 1 Section 42.1.2.2.5.1 Packet Downlink Assignment / Abnormal cases / Incorrect PDCH assignment	Rohde & Schwarz	Revised
GP-042832	CR 51.010-1-2502 rev 2 Section 42.1.2.2.5.1 Packet Downlink Assignment / Abnormal cases / Incorrect PDCH assignment	Rohde & Schwarz	Approved

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GP-042344	CR 51.010-1-2503 Section 42.4.1.2 Misleading requirement in some test steps	Rohde & Schwarz	Approved
GP-042345	CR 51.010-1-2504 Section 42.4.1.4 Network Control measurement reporting / Uplink transfer / Continuation in Idle mode.	Rohde & Schwarz	Withdrawn
GP-042346	CR 51.010-1-2505 Section 42.4.2.3.4 Packet Measurement order procedure / Downlink transfer / Normal case/ Routing Area Update/ NMO II	Rohde & Schwarz	Approved
GP-042347	CR 51.010-1-2506 Section 42.4.5.3 Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Continue	Rohde & Schwarz	Revised
GP-042730	CR 51.010-1-2506 rev 1 Section 42.4.5.3 Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Continue	Rohde & Schwarz	Approved
GP-042348	CR 51.010-1-2507 Section 42.4.5.4 Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Order	Rohde & Schwarz	Approved
GP-042349	CR 51.010-1-2508 Section 42.4.5.9 Network Assisted Cell Change / NC mode change / Packet Neighbour Cell Data	Rohde & Schwarz	Approved
GP-042350	CR 51.010-1-2509 Section 42.4.8.1.2 NC2 and DRX / NC_NON_DRX_PERIOD / NC2 non-DRX mode period ordered in Packet Cell Change Order	Rohde & Schwarz	Approved
GP-042351	CR 51.010-1-2510 Section 42.4.8.1.3 NC2 and DRX / NC_NON_DRX_PERIOD / NC2 non-DRX mode period broadcast in PSI5	Rohde & Schwarz	Approved
GP-042352	CR 51.010-1-2511 Section 42.4.8.2.2 User Data vs Measurement Report Sending / Conflict situation / Expiry of T3192 and T3158	Rohde & Schwarz	Approved
GP-042353	CR 51.010-1-2512 Section 42.4.8.2.3 User Data vs Measurement Report Sending / Conflict situation / Expiry of T3182 and T3158	Rohde & Schwarz	Withdrawn
GP-042354	CR 51.010-1-2513 Section 53.1.1.13 Correction of test procedure.	Rohde & Schwarz	Revised
GP-042798	CR 51.010-1-2513 rev 1 Section 53.1.1.13 Correction of test procedure.	Rohde & Schwarz	Approved
GP-042356	CR 51.010-1-2514 TC 13.16.2 Transmitter output power in GPRS multislot configuration	Siemens AG	Approved
GP-042357	CR 51.010-1-2515 TC 20.22.24 Cell Reselection based on C32/cell of same priority/ Cell Reselection on CCCH - PBCCH not supported	Siemens AG	Approved

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GP-042358	CR 51.010-1-2516 TC 20.22.25 Cell Reselection based on C32/C31<0/ Cell Reselection on CCCH - PBCCH not supported	Siemens AG	Approved
GP-042360	CR 51.010-1-2517 TC 42.4.2.1.4 Cell change order procedure / Uplink transfer / Failure cases / Contention resolution failure	Siemens AG	Withdrawn
GP-042361	CR 51.010-1-2518 TC 42.4.2.3.1 Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case	Siemens AG	Approved
GP-042362	CR 51.010-1-2519 51.2.3.2 Correction of the Expected Test Sequence in clause 51.2.3.2 - Step 4a	CETECOM	Revised
GP-042799	CR 51.010-1-2519 rev 1 51.2.3.2 Correction of the Expected Test Sequence in clause 51.2.3.2 ñ Step 4a	CETECOM	Approved
GP-042368	CR 51.010-1-2520 14.10.1 & 14.10.2 Corrections to test procedure	Aeroflex, Rohde & Schwarz	Revised
GP-042717	CR 51.010-1-2520 rev 1 14.10.1 & 14.10.2 Corrections to test procedure	Aeroflex, Rohde & Schwarz	Approved
GP-042369	CR 51.010-1-2521 14.2.19, 14.2.20, 14.4.17 & 14.4.18 Addition of PICS/PIXIT for loop I delay	Aeroflex	Revised
GP-042712	CR 51.010-1-2521 rev 1 14.2.19, 14.2.20, 14.4.17 & 14.4.18 Clarification of the use of loop I	Aeroflex	Approved
GP-042370	CR 51.010-1-2522 26.16.9.11 Clarification of test requirements.	Aeroflex	Revised
GP-042729	CR 51.010-1-2522 rev 1 26.16.9.11 Clarification of test requirements.	Aeroflex	Approved
GP-042371	CR 51.010-1-2523 21.3.3 Modifications to test procedure	Aeroflex	Revised
GP-042742	CR 51.010-1-2523 rev 1 21.3.3 Modifications to test procedure	Aeroflex	Approved
GP-042373	CR 51.010-1-2524 15.8 - EGPRS channel coding command MCS-5 to be used for resource allocation.	Anite	Approved
GP-042374	CR 51.010-1-2525 51.2.2.3 - Attach Reject Procedure to be introduced as additional test steps to set T3302 to 1 minute.	Anite	Revised
GP-042744	CR 51.010-1-2525 rev 1 51.2.2.3 ñ Attach Reject Procedure to be introduced as additional test steps to set T3302 to 1 minute.	Anite	Revised

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GP-042818	CR 51.010-1-2525 rev 2 51.2.2.3 ñ Attach Reject Procedure to be introduced as additional test steps to set T3302 to 1 minute.	Anite	Approved
GP-042375	CR 51.010-1-2526 51.3.1.1 - Setting of preemptive transmission bit in contention resolution procedure and additional handling of PACKET UPLINK DUMMY CONTROL BLOCK.	Anite	Revised
GP-042714	CR 51.010-1-2526 rev 1 51.3.1.1 ñ Setting of preemptive transmission bit in contention resolution procedure and additional handling of PACKET UPLINK DUMMY CONTROL BLOCK.	Anite	Approved
GP-042376	CR 51.010-1-2527 52.3.1.1.8 - Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Revised
GP-042716	CR 51.010-1-2527 rev 1 52.3.1.1.8 ñ Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Revised
GP-042736	CR 51.010-1-2527 rev 2 52.3.1.1.8 ñ Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Withdrawn
GP-042377	CR 51.010-1-2528 53.1.1.6 - Additional steps added for calculation of TBC value.	Anite	Approved
GP-042378	CR 51.010-1-2529 41.3.1.1 - Setting of preemptive transmission bit in contention resolution procedure and additional handling of PACKET UPLINK DUMMY CONTROL BLOCK.	Anite	Withdrawn
GP-042379	CR 51.010-1-2530 42.3.1.1.8 - Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Revised
GP-042715	CR 51.010-1-2530 rev 1 42.3.1.1.8 ñ Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Revised
GP-042735	CR 51.010-1-2530 rev 2 42.3.1.1.8 ñ Changes in Step 10 for verification of TFI without TLLI and handling of PACKET UPLINK DUMMY CONTROL BLOCK at the end of data transfer.	Anite	Withdrawn
GP-042380	CR 51.010-1-2531 42.3.1.2.3 - Resolution of race between timers T3180 (5 sec) and T3182 (5 sec).	Anite	Approved

Tdoc	Title	Source	Status
GP-042381	CR 51.010-1-2532 42.4.2.2.3 ñ Packet uplink Assignment cannot be sent on PAGCH	Anite	Approved
GP-042382	CR 51.010-1-2533 44.2.1.1.9 - Manual intervention for ReAttach not always needed.	Anite	Approved
GP-042383	CR 51.010-1-2534 52.3.1.2.3 - Resolution of race between timers T3180 (5 sec) and T3182 (5 sec).	Anite	Approved
GP-042384	CR 51.010-1-2535 42.3.3.2.1 - Allow for data blocks already queued at Step 5.	Anite	Withdrawn
GP-042385	CR 51.010-1-2536 52.3.3.2.1 - Allow for data blocks already queued at Step 5.	Anite	Withdrawn
GP-042389	CR 51.010-1-2537 34.2.3 - To change the initial condition to allow for large SMS storage	Anite	Approved
GP-042391	CR 51.010-1-2538 42.6.1 - PICS for ìSupport of DTMî is missing	Anite	Revised
GP-042741	CR 51.010-1-2538 rev 1 42.6.1 ñ PICS for ìSupport of DTMî is missing	Anite	Approved
GP-042392	CR 51.010-1-2539 47.1.1 - PICS for ìSupport of Singleslot DTMî missing	Anite	Revissed
GP-042748	CR 51.010-1-2539 rev 1 47.1.1 PICS for Support of Singleslot DTM missing	Anite	Approved
GP-042393	CR 51.010-1-2540 47 - Ambiguity in cell configurations concerning use of PBCCH	Anite	Approved
GP-042395	CR 51.010-1-2541 Modification to the timing requirements of the testcase 20.22.13.	SASKEN	Withdrawn
GP-042396	CR 51.010-1-2542 Removing 2 sec given for decoding PSI2 in the timing requirement of the testcase 20.22.3.	SASKEN	Approved
GP-042397	CR 51.010-1-2543 Changes in the ìconformace requirementî in the testcase 20.22.30.3.	SASKEN	Approved
GP-042398	CR 51.010-1-2544 Changes in the test purpose and timing requirement of the testcase 20.22.31.1.	SASKEN	Approved
GP-042399	CR 51.010-1-2545 Changes in the test purpose and timing requirement of the testcase 20.22.31.2.	SASKEN	Approved
GP-042400	CR 51.010-1-2546 Correction to the step numbers to be used by the MS using branch A in 40.4.3.20.	SASKEN	Approved
GP-042401	CR 51.010-1-2547 Changing the timeperiod of the checking for a access on PRACH from 8 sec to 25 sec in testcase 41.1.6	SASKEN	Approved

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GP-042402	CR 51.010-1-2548 Removing the macro used for the cell update in testcase 41.3.6.7.	SASKEN	Approved
GP-042403	CR 51.010-1-2549 Changing BS_PRACH_BLKS from 12 to 11 in testcase 42.1.2.1.3.1.	SASKEN	Approved
GP-042404	CR 51.010-1-2550 Addition of the ciphering steps in the CS call of testcases 42.4.2.3.6.	SASKEN	Revised
GP-042739	CR 51.010-1-2550 rev 1 Addition of the ciphering steps in the CS call of testcases 42.4.2.3.6.	SASKEN	Approved
GP-042405	CR 51.010-1-2551 Addition of the ciphering steps in the CS call of testcases 42.4.2.3.7	SASKEN	Approved
GP-042406	CR 51.010-1-2552 Changes in the step 5 and 6 of the testcase 42.4.6.7	SASKEN	Withdrawn
GP-042407	CR 51.010-1-2553 Changes in the testcase 42.7.5	SASKEN	Revised
GP-042740	CR 51.010-1-2553 rev 1 Changes in the testcase 42.7.5	SASKEN	Approved
GP-042408	CR 51.010-1-2554 Changing the timeperiod of the checking for a access on PRACH from 8 sec to 25 sec in testcase 51.1.6.	SASKEN	Approved
GP-042409	CR 51.010-1-2555 Changes in the initial conditions of the testcase 52.1.2.1.3.1	SASKEN	Approved
GP-042410	CR 51.010-1-2556 Removing the macro used for the cell update in testcase 51.3.6.7.	SASKEN	Revised
GP-042720	CR 51.010-1-2556 rev 1 Removing the macro used for the cell update in testcase 51.3.6.7.	SASKEN	Approved
GP-042411	CR 51.010-1-2557 Correction to test case 42.3.2.1.2	Ericsson	Approved
GP-042412	CR 51.010-1-2558 Correction to test case 42.4.8.2.3	Ericsson	Withdrawn
GP-042413	CR 51.010-1-2559 Correction to test case 42.3.3.2.1	Ericsson	Revised
GP-042737	CR 51.010-1-2559 rev 1 Correction to test case 42.3.3.2.1	Ericsson	Approved
GP-042414	CR 51.010-1-2560 Correction to test case 42.3.3.3	Ericsson	Approved
GP-042415	CR 51.010-1-2561 Modification of test case 20.25.2	Ericsson	Withdrawn
GP-042416	CR 51.010-1-2562 Modification of test cases 20.25.3 and 20.25.4	Ericsson	Revised
GP-042820	CR 51.010-1-2562 rev 1 Modification of test cases 20.25.3 and 20.25.4	Ericsson	Approved

Tdoc	Title	Source	Status
GP-042417	CR 51.010-1-2563 Modification of Intersystem Change TC 20.22.29	Ericsson	Approved
GP-042418	CR 51.010-1-2564 Correction of AMR test case 26.16.9.8 and 26.16.9.9	Ericsson	Withdrawn
GP-042420	CR 51.010-1-2565 Change of DTM TC 41.3.4.3	Ericsson	Approved
GP-042421	CR 51.010-1-2566 Clarification to DTM TC 41.5.1.1.1.6	Ericsson	Approved
GP-042422	CR 51.010-1-2567 Correction to DTM TC 41.5.1.2.2	Ericsson	Approved
GP-042424	CR 51.010-1-2568 Correction to DTM TC 47.1.4	Ericsson	Withdrawn
GP-042425	CR 51.010-1-2569 Modification of DTM TC 47.3.1.1	Ericsson	Approved
GP-042426	CR 51.010-1-2570 Corrections to DTM TC 47.3.1.2	Ericsson	Approved
GP-042427	CR 51.010-1-2571 Clarification to DTM TC 47.3.1.3.2	Ericsson	Revised
GP-042749	CR 51.010-1-2571 rev 1 Clarification to DTM TC 47.3.1.3.2	Ericsson	Withdrawn
GP-042429	CR 51.010-1-2572 Addition of PICS for DTM/GPRS	Ericsson	Approved
GP-042431	CR 51.010-1-2573 Section 41.5.1.1.2.3.5 Uplink TBF establishment with reallocation of CS resources / Abnormal case / Multislot class violation / Incorrect Allocation ñ applicable DTM Multislot class extended	Rohde & Schwarz	Approved
GP-042432	CR 51.010-1-2574 Section 42.4.2.3.5. Packet Measurement order procedure / Downlink transfer / Normal case/ Routing Area Update/ NMO I	Rohde & Schwarz	Revised
GP-042796	CR 51.010-1-2574 rev 1 Section 42.4.2.3.5. Packet Measurement order procedure / Downlink transfer / Normal case/ Routing Area Update/ NMO I	Rohde & Schwarz	Approved
GP-042433	CR 51.010-1-2575 Section 47.1.4 - Inter frequency reallocation of CS resources / DTM Assignment Command	Rohde & Schwarz	Withdrawn
GP-042437	CR 51.010-1-2576 TC 34.2.5.3 The test description does not support retry mechanism on error	NEC	Revised
GP-042790	CR 51.010-1-2576 rev 1 TC 34.2.5.3 The test description does not support retry mechanism on error	NEC	Approved
GP-042438	CR 51.010-1-2577 Add values for fields ATC, EPC and FPC in ASSIGNMENT COMMAND and HANDOVER COMMAND defaults messages	NEC	Approved
GP-042439	CR 51.010-1-2578 Section 42.3.3.4 Correction of test procedure.	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-042440	CR 51.010-1-2579 Section 41.5.2.4 MO CS establishment whilst in packet transfer mode and DTM is not supported in current cell	Rohde & Schwarz	Approved
GP-042441	CR 51.010-1-2580 Section 42.4.6.6 Unsuitable Initial Conditions	Rohde & Schwarz	Approved
GP-042442	CR 51.010-1-2581 Section 27 - Testing of the SIM/ME interface - Correction of EF_{ADN}	Rohde & Schwarz	Approved
GP-042496	CR 51.010-1-2582 Changes in the PICS statement used in the testcase 42.1.2.1.3.2.	SASKEN	Approved
GP-042497	CR 51.010-1-2583 Changes in the PICS statement used in the testcase 52.1.2.1.3.2.	SASKEN	Approved
GP-042502	CR 51.010-1-2584 Addition of test cases for DTM/EGPRS	Ericsson	Revised
GP-042750	CR 51.010-1-2584 rev 1 Addition of test cases for DTM/EGPRS	Ericsson	Revised
GP-042819	CR 51.010-1-2584 rev 2 Addition of test cases for DTM/EGPRS	Ericsson	Approved
GP-042504	CR 51.010-1-2585 Correction of AMR test case 26.16.9.8	Ericsson	Approved
GP-042505	CR 51.010-1-2586 Correction of AMR test case 26.16.9.9	Ericsson	Approved
GP-042536	CR 51.010-1-2587 14.4.8 Changes to statistical testing in cases with fading	Aeroflex	Withdrawn
GP-042538	CR 51.010-1-2588 14.2.10 Modifications to test	Aeroflex	Approved
GP-042539	CR 51.010-1-2589 60.6 - Correction to Conformance Requirement	Anite	Approved
GP-042540	CR 51.010-1-2590 60.1 - Correction to HandoverToUTRANCommand-r3-IEs	Anite	Approved
GP-042541	CR 51.010-1-2591 PIXITS for Inter-System HandOver	Anite	Withdrawn
GP-042589	CR 51.010-1-2592 Correction to test case 52.3.2.1.2	Ericsson	Approved
GP-042590	CR 51.010-1-2593 Correction to test case 52.3.3.2.1	Ericsson	Revised
GP-042738	CR 51.010-1-2593 rev 1 Correction to test case 52.3.3.2.1	Ericsson	Approved
GP-042591	CR 51.010-1-2594 Correction to test case 52.3.3.3	Ericsson	Approved
GP-042603	CR 51.010-1-2595 14.4.8 Changes to initial conditions	Aeroflex	Approved
GP-042638	CR 51.010-1-2596 10.9 - Addition of A-GPS Assistance data values in new clause 10.9	Spirent/Anite	Revised

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GP-042812	CR 51.010-1-2596 rev 1 10.9 - Addition of A-GPS Assistance data values in new clause 10.9	Spirent/Anite	Withdrawn
GP-042639	CR 51.010-1-2597 70.7 to 70.10 - Corrections to A-GPS test cases in sections 70.7 to 70.10	Spirent/Anite	Approved
GP-042640	CR 51.010-1-2598 70.7, 70.8 - Addition of assistance data elements to A-GPS test cases in sections 70.7 and 70.8	Spirent/Anite	Withdrawn
GP-042663	CR 51.010-1-2599 Section 42.4.8.2.3 User Data vs Measurement Report Sending / Conflict situation / Expiry of T3182 and T3158	Ericsson, Rohde & Schwarz	Approved
GP-042664	CR 51.010-1-2600 Section 47.1.4 - Inter frequency reallocation of CS resources / DTM Assignment Command	Ericsson, Rohde & Schwarz	Approved
GP-042670	CR 51.010-1-2601 42.3.3.2.2 - Prevent unwanted retry of PACKET CHANNEL REQUEST	Anite	Withdrawn
GP-042671	CR 51.010-1-2602 52.3.3.2.2 - Prevent unwanted retry of PACKET CHANNEL REQUEST	Anite	Withdrawn
GP-042672	CR 51.010-1-2603 42.3.1.2.x - Change GPRS_RESELECT_OFFSET to avoid unwanted reselection.	Anite	Withdrawn
GP-042719	CR 51.010-1-2604 Note deleted to section 44	Setcom	Approved
GP-042725	CR 51.010-1-2605 60 - Correction to Inter-RAT test cases	Motorola	Approved
GP-042483	CR 51.010-1-2606 42.3.1.2.3 - Handling of T3182 & T3180	Wavecom	Withdrawn
GP-042477	CR 51.010-1-2607 Section 42.4.6.7 Contention resolution is not completed on cell B	Rohde & Schwarz	Approved
GP-042488	CR 51.010-1-2608 Corrections to A-GPS test cases	Motorola	Approved
GP-042495	CR 51.010-1-2609 Reducing the number of octets transferred in the testcase 42.4.1.4	SASKEN, Rohde & Schwarz	Approved
GP-042673	CR 51.010-1-2610 52.3.1.2.x - Change GPRS_RESELECT_OFFSET to avoid unwanted reselection.	Anite	Withdrawn
GP-042912	CR 51.010-1-2611 Creation 51.010-1 release 6	TSG GERAN	Approved
GP-042300	CR 51.010-2-197 Correction to Table B.1: Applicability of tests	7 layers	Approved
GP-042304	CR 51.010-2-198 Removal of the TC 42.4.4.4 - Part 2	Wavecom	Withdrawn
GP-042359	CR 51.010-2-199 Deletion of TC 20.22.25, TC 20.22.24	Siemens AG	Revised

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GP-042794	CR 51.010-2-199 rev 1 Deletion of TC 20.22.25, TC 20.22.24	Siemens AG	Approved
GP-042372	CR 51.010-2-200 Addition of PICS/PIXIT item for 14 and 21 series tests	Aeroflex	Revised
GP-042713	CR 51.010-2-200 rev 1 Addition of PICS/PIXIT item for 14 and 21 series tests	Aeroflex	Approved
GP-042386	CR 51.010-2-201 A.4.8 - Addition of new PICS parameter	Anite	Revised
GP-042815	CR 51.010-2-201 rev 1 A.4.8 Addition of new PICS parameter	Anite	Approved
GP-042419	CR 51.010-2-202 Change of title on TC 26.16.9.9	Ericsson	Approved
GP-042423	CR 51.010-2-203 Title of TC 41.5.1.2.2 changed	Ericsson	Approved
GP-042428	CR 51.010-2-204 Addition of PICS for DTM/GPRS	Ericsson	Withdrawn
GP-042434	CR 51.010-2-205 5.10.0 / Correction to Table B.1: Applicability of tests	Siemens AG	Withdrawn
GP-042443	CR 51.010-2-206 Section Annex B (normative): Applicability of the individual test ñ 41.5.1.1.2.3.5 ñ Correction of Condition C308	Rohde & Schwarz	Approved
GP-042503	CR 51.010-2-207 Addition of test cases for DTM/EGPRS	Ericsson	Revised
GP-042793	CR 51.010-2-207 rev 1 Addition of test cases for DTM/EGPRS	Ericsson	Approved
GP-042722	CR 51.010-2-208 Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4.	Alcatel	Revised
GP-042792	CR 51.010-2-208 rev 1 Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4.	Alcatel	Revised
GP-042816	CR 51.010-2-208 rev 2 Addition of a new test case for USFs decoding by a MS in GPRS TBF mode when the USFs are assigned with EGPRS RLC/MAC blocks coded with MCS-1 to MCS-4.	Alcatel	Approved
GP-042913	CR 51.010-2-209 Creation 51.010-1 release 6	TSG GERAN	Revised
GP-042915	CR 51.010-2-209 rev 1 Creation 51.010-1 release 6	TSG GERAN	Approved
GP-042387	CR 51.010-3-035 11.1.1 - Incorrect implementation when testing TS62 and BS61	Anite	Approved

Tdoc	Title	Source	Status
GP-042388	CR 51.010-3-036 26.7.1 - Increase delay for MS to be in service	Anite	Approved
GP-042390	CR 51.010-3-037 34.2.3 - To change the initial condition to allow for large SMS storage	Anite	Approved
GP-042914	CR 51.010-3-038 Creation 51.010-1 release 6	TSG GERAN	Approved