TSG GERAN Report

to

TSG-SA#24

TSG-GERAN Chairman
Niels Peter Skov Andersen
Motorola

Tdoc SP-040437

Release 98 CRs

- **Alignment of location reporting behaviour – TSG GERAN have studied the changes made by RAN and SA2 and concluded that to ensure compatibility the changes needs for GERAN to be done for Release 98 as well**

  Changes agreed, but TSG GERAN noted that there will be situations where no information will be returned indicating that the requested QoS is not met !

2

Release 99

- **DTM core capability (CR 03.64)**
- **Length of ABQP IE in BSSGP (CR 08.08)**
- **Removal of "Short Access" CRs make the feature optional from R99+ and remove it from Rel-5+**
  - **CR 04.60 (R99+, Rel-5+)**
  - **CR 04.18 (R99+, Rel-5+)**
  - **CR 44.160 (Rel-5+)**
- **Discussion ongoing on Change of service demand issues / Single TBF Sharing with PFI Indication**

Release 4

- **Rule for encoding SI1 in the set of PNCD messages (CR 44.060)**

- **Important correction to handling of PSCD messages (CR 44.060)**

- **Correction of SNS PDUs for IP support is still under discussion (TS 48.016)**

Release 5

- **Iu mode corrections**
  - **DBPSCH allocation with CELL UPDATE CONFIRM corrections (CR 44.118)**
  - **Erroneous implementation in 44.118 of GP-030090 (CR 44.118)**

- **Other corrections**
  - **Correction to PSI5 message encoding due to erroneous CR implementation (CR 44.060)**
  - **Applicability of individual NC parameters (CR 44.060)**

- **RIM/NACC clean-up still under discussion**

Release 5

- **Iu mode corrections**
  - **ASN1 coding for CELL/GRA UPDATE messages**
    - **R5 CR to 44.118 agreed, LS sent to RAN2**
- **Other corrections**
  - **CR to 48.018 on "SGSN initiated deletion of BSS PFC during the modification procedure" Agreed**
  - **CR to 44.018 on "Compressed INTER RAT INFO Indication introduction into IMMEDIATE ASSIGNMENT message" Agreed**
    - **LS sent to RAN2 / CN1 indicating this feature can now be used in R5**

6

Release 5

- **RIM/NACC**
  - **Constructive proposal for simplifying the format used in the evening session to restructure the CR.**
  - **LS sent to RAN3 and CN4 on RIM routing addressing between GERAN and UTRAN**
  - **RIM/NACC drafting session to be held before G2#18bis – hosted by Siemens**

Flexible Layer One

- **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 might be post Release 6**

MBMS

- **Channel coding: Agreement on re-use of existing GPRS/EGPRS coding schemes**
- **Multislot capability: Working assumption to be confirmed is support of 6+1 timeslot**
- **Feedback to TSG SA WG4 on radio layer performance assumption for simulations provided**
- **Draft CR to GERAN MBMS Stage 2 on introduction of procedural text for section 6**
- **LS prepared to SA1/2 on paging co-ordination indicating that solutions are possible but asking about the use cases and indicating the consequences of certain MS classes not being able to act on the notification without releasing their current resources.**
- **Completion within the Release 6 timeframe is at risk**

9

PS Conversational (1)

- **PS HO Stage 2 TS 43.139 v0.4.0 presented**

- **New Working Assumptions:**

  – **The XID Command can be sent to the MS in the source cell.**

  – **Inter-SGSN signalling: Use FORWARD RELOCATION messages in all situations.**

  – **Inter-mode radio signalling: HANDOVER FROM GERAN IU MODE COMMAND message and HANDOVER FROM UTRAN COMMAND message**

- **Packet forwarding CR (main concept agreed at G2#18bis) could not be agreed for the TS**

PS Conversational *(2)*

- **Working assumption for MS identifier to use during HO procedures:**

  – **The new local P-TMSI is pre-allocated by the T-SGSN but neither this nor the derived TLLI is sent to the MS in the source cell.**

  – **The Target BSS appends the new TLLI to all uplink data sent by the MS in the target cell prior to the RAU, when the MS will be informed of the new P-TMSI and TLLI pair.**

PS Conversational (3)

- **Enhanced RLC/MAC control message segmentation**

  - **Working Assumption: Only use the extended RLC/MAC control message segmentation (and corresponding modified header format) for messages sent on three or more blocks.**

  - **Agreed: A separate indication to be included in the MS RAC for support of this feature**

PS Interruption in DTM

- **"DTM enhancements concept paper" has been updated to include the CS release procedure enhancement**

- **Enhancements to CS call establishment are still being discussed**

- **Stage 2 CR (TS 43.055) seen for CS release enhancement – more details to be included**

TEI 6

- **Purpose of the DTM ASSIGNMENT COMMAND while in dual transfer mode (CR 44.018)**

- **Introduction of non-segmented provision of serving cell SYSTEM INFORMATION messages on PACCH (CR 44.060)**

- **Correction of Incorrect length of group call reference IE (CR 48.008)**

TEI 6 (Removals)

- **Removal of Unsynchronized (blind) Cell Change Order towards a GSM cell (CR 44.060, CR 45.008)**

- **Removal of GPRS Extended Measurement reporting (CR 43.064, CR 44.060, CR 44.160, CR 45.008)**

- **Removal of GPRS Idle Interference Measurements (CR 43.064, CR 44.060, CR 44.160,CR 45.008)**

Streaming

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

U-TDOA

- ## 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

- ## PS domain
  - Work has been started – no explicit Changes is included in the specifications yet

17

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 kept open for additonal scenarios**

SAIC/ARP

- **Performance specification**
  - Specification methodology being discussed and progressed between WG1 and WG3 experts to ensure feasibility of test of performance requirements
  - Progress on definition of performance requirement scenarios

- **Signalling**
  - It was agreed not to mandate two-phase access
  - Two options open on indicating ARP support
    - 1 bit for non-ARP MSs, 4 bits for ARP MSs
    - 3 bits for all MSs
  - The need for segmenting the classmark is to be studied

Testing

- **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**

Testing – GPRS R99

- **Work plan for GPRS test cases R99 has been updated**

- **The R97 GPRS test cases, which have been introduced to 51.010-1 during the Work-Plan life are R99 compliant, have been included in the Work-Plan.**

Status summary:

- – **Analysed R97 GPRS test cases: 355**
- – **Ok: 352**
- – **Not applicable for Rel 99:   3**

Testing – PTCRB test cases

- **Updated Work Plan for the Alignment of the PTCRB (PCS Type Certification Review Board) RFT's have been created**

- **RFT-012 TTY Text Telephony - considered done.**

- **Outstanding activities:**
    - **RFT-002 MNC Mobile Network Code Ambiguity in specifications. The WG3 is intending to work at the R99.**
    - **RFT-018 EDGE (L1) WG3 has received the test cases for BEP at the next GERAN meeting (ongoing)**
    - **RFT-019 EMR Work plan is being updated for EMR in GERAN WG3 (two working areas have been identified).**
    - **RFT-022 (NITZ) Network Identity and Time Zone.   The number of test cases has been received and agreed. The need of additional cases are under investigation.**

Testing - EMR

- **Based on the LS from GCF, a Work-Plan on EMR test case development, including:**

  – **Analysis of the test coverage in TS51.010 regarding Packet Enhanced Measurement Reporting (PEMR).**

  – **Mainly two areas have been identified for the PEMR test cases, in order to ensure sufficient test coverage of the feature.**

  – **The volunteer companies have started process to identify and develop the test cases for PEMR in order to achieve sufficient test coverage.**

- **LS to GCF and PTCRB reflecting the progress of the work.**

23

Testing - EXT. Uplink TBF

- **TSG GERAN has created a Work Plan for Extended Uplink test case development.**
  - **Link adaptation during TBF extension**
  - **TBF reconfigure during TBF extension and resumption**
  - **Cell Change Notification during extended mode**
  - **Cell Change Failure during extended mode**
  - **Change of RLC mode**
  - **The test cases are expected to developed by the GERAN#20**
- **LS to GCF and PTCRB reflecting the progress of the work.**

Testing – GERAN→ UTRAN HO (TTCN)

- **GERAN received a LS from 3GPP TSG T1 at the GERAN #17 meeting during November 03 highlighting the issue about verification and approval process.**

- **TSG GERAN has started to establish a TTCN CR Approval Process for GERAN to UTRAN Inter-RAT Handover TTCN test cases, similar to the one followed in T WG1.**

- **It was discussed and agreed to create the new test specifications.**

- **TSG T WG1 has been informed about this**

Future TSG GERAN Plenary meetings

|		
TSG GERAN #20	21-25 June 2004,	Bilbao, Spain
TSG GERAN #21	23-27 August 2004	Montreal, Canada (Tbd)
TSG GERAN #22	8-12 November 2004	EMEA
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 #19 are attached to this report

GERAN Background

- **Work area of TSG GERAN**
- **TSG GERAN organisation**
- **Specification numbering**
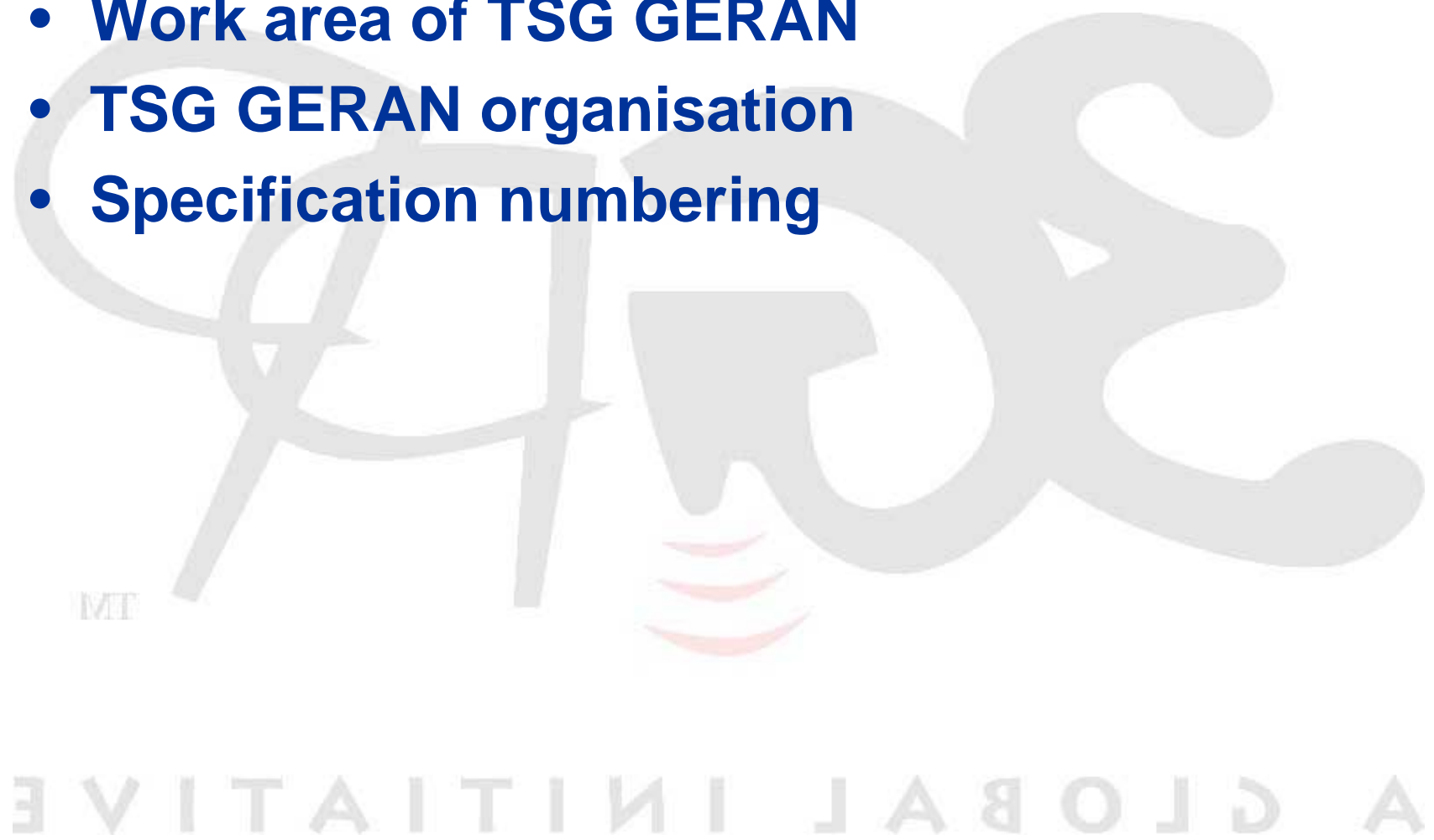
TSG GERAN work area (1/2)

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**

Organisation of TSG GERAN (1/4)

TSG GERAN

Chairman: Niels P S Andersen, Motorola
Vice Chair: Marc Grant, Cingular
Vice Chair: Michael Färber, Siemens

TSG GERAN WG1

Chairman: Niels P S Andersen, Motorola

TSG GERAN WG2

Chairman: Diana Edwin, Siemens

TSG GERAN WG3

Chairman: Ilya Gonorovsky, Motorola

Organisation of TSG GERAN (2/4)

TSG GERAN WG1 – Radio Aspects

- **Chairman: Niels Peter Skov Andersen, Motorola**

- **RF aspects of GERAN**

- **GERAN radio performance and RF system aspects**

- **Ater (CCU-TRAU)**

- **BTS testing and GERAN specific O&M aspects**

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**
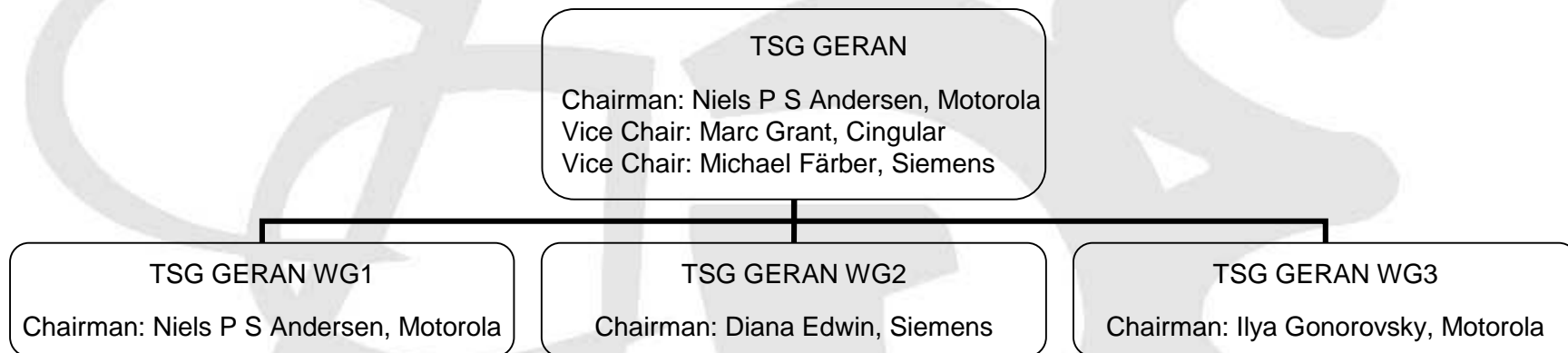- **A interface specification, Gb interface specification**
- **Internal GERAN interface specifications such as Abis**

Organisation of TSG GERAN (4/4)

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
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
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	

					Jun 2001	
		• 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 evolution GP-021253	• MS test	0%	August 2003	June 2004	Not started
	GERAN BTS Conformance test for GERAN interface evolution GP-021254	• BTS test	0%	August 2003	June 2004	Not started

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	35%	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%		June 2004	Not Started
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	95%	October 2002	June 2004	Started
	Security for a Flexible Layer One (FLOGER-SecFLO) GP-021021	• Ciphering in 44.160,44.118, 44.060 and 44.018	100%	February 2003	August 2003	Completed
	GERAN MS Conformance test for the Flexible Layer One (FLOGER-Msconf) GP-021022	• MS Test in 51.010	0%	February 2004	June 2004	Not Started

	GERAN BTS Conformance test for the Flexible Layer One (FLOGER-BTSconf) GP-021023	• BTS Test in 51.021	0%	February 2004	June 2004	Not Started
Addition of frequency bands to GSM (TAPS) **GP-022072**	Addition of frequency bands to GSM – Changes to core specs (TAPS-Specs) GP-022073	• 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%		June 2004	Not started
	GERAN BTS Conformance test for Enhanced Power Control GP-012751	• BTS test	0%		June 2004	Not started
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%		June 2004	
	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%		June 2004	Not started
	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.	80%	Nov 2002	June 2004	Ongoing
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	5%	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	35%	Nov 2003	August 2004	Started

	Radio Channel Support (SCSAGB-RCS) GP-030446	• Radio channel support for Conversational QoS • Introduction of continuous measurement reporting	0%	Feb 2004	August 2004	Not Started
	Definition of radio resource management functionality (SCSAGB-RRM) GP-030447	• Addition/modification of radio resource management protocol layer	0%	Feb 2004	August 2004	Not Started
	PS Handover (SCSAGB-PSH) GP-030448	• BSSGP procedures for change of BSC • Bi-Casting • Context transfer	0%	Feb 2004	August 2004	Not Started
	Modifications to FLO (SCSAGB-FLO) GP-030449	• FLO specific impacts due to conversational QoS	0%	Feb 2004	August 2004	Not Started
Alignment between the test-regimes for GERAN capable MS GP-032236		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	August 2004	Started
Advanced Receiver Performance (ARP) GP-032819	ARP test scenarios GP-032820	Interference test cases for 45.005	45%	November 2003	August 2004	Started
	ARP for GMSK modulated voice services GP-032821	Performance Requirements in 45.005 Radio subsystem link control in 45.008	15%	February 2004	November 2004	Started
	ARP for GPRS and EGPRS MCS1-MCS4 GP-032822	Performance Requirements in 45.005 Radio subsystem link control in 45.008	10%	February 2004	November 2004	Started
	ARP Capability signalling GP-032823	Modification of 24.008 for signalling of MS ARP capability	60%	November 2003	June 2004	Started
	GERAN MS Conformance test for ARP GP-032824	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.	25%	February 2004	June 2004	Started
	Reduction of PS service interruption in Dual Transfer Mode / MS Conformance testing	MS Conformance testing (51.010)	0%	June 2004	November 2004	Not started
	Reduction of PS service interruption in Dual Transfer Mode / BTS Conformance testing	BTS Conformance testing	0%	June 2004	November 2004	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	Identification of requirements for streaming **GP-022564**	• Requirements	100%	August 2002	August 2003	Completed at GERAN #16

(SSStrea) GP-022561	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%	September 2003	January 2004	Closed, no work needed.

Status of Change Request presented to TSG GERAN #19

Tdoc	Title	Source	Status
GP-040573	CR 03.64-A088 Change of DTM core capability (R99)	Infineon AG	Revised
GP-041142	CR 03.64-A088 rev 1 Change of DTM core capability (R99)	Infinion	Revised
GP-041191	CR 03.64-A088 rev 2 Change of DTM core capability (R99)	Infineon AG	Approved
GP-040730	CR 04.14-A018 Change on EGPRS Switched Radio Block Loopback Mode (R99)	Philips	Revised
GP-041161	CR 04.14-A018 rev 1 Change on EGPRS Switched Radio Block Loopback Mode (R99)	Philips	Withdrawn
GP-040948	CR 04.18-A283 Cipher mode setting IE in HO command (R99)	Orange, AWS	Withdrawn
GP-041097	CR 04.18-A284 Short access removal (R99)	Melco	Approved
GP-040838	CR 04.31-A094 rev 2 Definition of code and Doppler search windows for MS assisted A-GPS (R98)	Qualcomm Europe S.A.R.L.Alcatel	Approved
GP-040839	CR 04.31-A095 rev 2 Definition of code and Doppler search windows for MS assisted A-GPS (R99)	Qualcomm Europe S.A.R.L.Alcatel	Approved
GP-040787	CR 04.31-A100 rev 1 Correction on SMLC Sending Incomplete Almanac in A-GPS Assistance Data (R98)	Qualcomm Europe S.A.R.L.	Withdrawn
GP-040788	CR 04.31-A101 rev 1 Correction on SMLC Sending Incomplete Almanac in A-GPS Assistance Data (R99)	Qualcomm Europe S.A.R.L.	Withdrawn
GP-040793	CR 04.31-A102 Correction of inconsistencies between RRLP and MAP specification (R98)	Qualcomm Europe S.A.R.L.	Revised
GP-041082	CR 04.31-A102 rev 1 Correction of inconsistencies between RRLP and MAP specification (R98)	Qualcomm Europe S.A.R.L.	Postponed
GP-040794	CR 04.31-A103 Correction of inconsistencies between RRLP and MAP specification (R99)	Qualcomm Europe S.A.R.L.	Revised
GP-041083	CR 04.31-A103 rev 1 Correction of inconsistencies between RRLP and MAP specification (R99)	Qualcomm Europe S.A.R.L.	Postponed

Tdoc	Title	Source	Status
GP-040620	CR 04.60-B132 Short access removal (R99)	Melco Mobile Communication Europe	Revised
GP-041071	CR 04.60-B132 rev 1 Short access removal (R99)	Melco	Approved
GP-040926	CR 08.18-A144 Length of ABQP IE in BSSGP (R99)	Motorola	Revised
GP-041093	CR 08.18-A144 rev 1 Length of ABQP IE in BSSGP (R99)	Motorola	Approved
GP-040677	CR 09.31-A032 rev 1 Correction of behaviour of the Location Request procedure (R99)	Siemens, Vodafone	Revised
GP-041078	CR 09.31-A032 rev 2 Correction of behaviour of the Location Request procedure (R99)	Siemens, Vodafone	Approved
GP-040676	CR 09.31-A033 rev 1 Correction of behaviour of the Location Request procedure (R98)	Siemens, Vodafone	Revised
GP-041077	CR 09.31-A033 rev 2 Correction of behaviour of the Location Request procedure (R98)	Siemens, Vodafone	Approved
GP-041139	CR 24.008-xxx GERAN Iu mode capability and future Iu mode-specific extensions (Rel-5)	TSG GERAN WG2	NA
GP-041211	CR 24.008-xxx GERAN Iu mode capability and future Iu mode-specific extensions (Rel-5)	TSG GERAN WG2	NA
GP-041140	CR 24.008-xxx Introduction of Flexible Layer One Iu capability (Rel-6)	TSG GERAN WG2	NA
GP-041212	CR 24.008-xxx Introduction of Flexible Layer One Iu capability (Rel-6)	TSG GERAN WG2	NA
GP-041000	CR 43.055-015 Enhancement of Dual Transfer Mode When Circuit Switched Resources Are Released	Nokia	Postponed
GP-040634	CR 43.059-043, rev 3 Removal of emergency services client type restriction for the U-TDOA location method	TruePosition	Approved
GP-040681	CR 43.059-048 rev 1 Correction of GERAN location request procedure (Rel 4)	Siemens, Vodafone	Approved
GP-040682	CR 43.059-049 rev 1 Correction of GERAN location request procedure (Rel 5)	Siemens, Vodafone	Approved
GP-040683	CR 43.059-050 rev 1 Correction of GERAN location request procedure (Rel 6)	Siemens, Vodafone	Approved
GP-040635	CR 43.059-051, rev 2 Inclusion of PS functionality for U-TDOA location method	TruePosition	Postponed
GP-040709	CR 43.064-017 rev 1: Annex on multiple TBF procedures (Rel-6)	Siemens	Revised

Tdoc	Title	Source	Status
GP-041137	CR 43.064-017 rev 2 Annex on multiple TBF procedures (Rel-6)	Siemens	Postponed
GP-040574	CR 43.064-018 Change of DTM core capability (Rel 4)	Infineon AG	Revised
GP-041068	CR 43.064-018 rev 1 Change of DTM core capability (Rel-4)	Infinion	Revised
GP-041192	CR 43.064-018 rev 2 Change of DTM core capability (Rel 4)	Infineon AG	Approved
GP-040575	CR 43.064-019 Change of DTM core capability (Rel 5)	Infineon AG	Revised
GP-041069	CR 43.064-019 rev 1 Change of DTM core capability (Rel-5)	Infinion	Revised
GP-041193	CR 43.064-019 rev 2 Change of DTM core capability (Rel 5)	Infineon AG	Approved
GP-040576	CR 43.064-020 Change of DTM core capability (Rel 6)	Infineon AG	Revised
GP-041070	CR 43.064-020 rev 1 Change of DTM core capability (Rel-6)	Infinion	Revised
GP-041194	CR 43.064-020 rev 2 Change of DTM core capability (Rel 6)	Infineon AG	Approved
GP-040815	CR 43.064-021 "Removal of GPRS Extended Measurement reporting" (REL-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040817	CR 43.064-022 "Removal of GPRS Idle Interference Measurements" (REL-6)	Nokia, Motorola, Vodafone	Approved
GP-040731	CR 44.014-007 Change on EGPRS Switched Radio Block Loopback Mode (Rel 4)	Philips	Revised
GP-041162	CR 44.014-007 rev 1 Change on EGPRS Switched Radio Block Loopback Mode (Rel 4)	Philips	Withdrawn
GP-040732	CR 44.014-008 Change on EGPRS Switched Radio Block Loopback Mode (Rel 5)	Philips	Revised
GP-041163	CR 44.014-008 rev 1 Change on EGPRS Switched Radio Block Loopback Mode (Rel 5)	Philips	Withdrawn
GP-040733	CR 44.014-009 Change on EGPRS Switched Radio Block Loopback Mode (Rel 6)	Philips	Revised
GP-041164	CR 44.014-009 rev 1 Change on EGPRS Switched Radio Block Loopback Mode (Rel 6)	Philips	Postponed

Tdoc	Title	Source	Status
GP-040850	CR 44.018-307 rev 3 Compressed INTER RAT INFO Indication introduction into IMMEDIATE ASSIGNMENT message (Option A) (Rel-5)	Vodafone	Approved
GP-040851	CR 44.018-308 rev 3 Compressed INTER RAT INFO Indication introduction into IMMEDIATE ASSIGNMENT message (Option A) (Rel-6)	Vodafone	Approved
GP-040983	CR 44.018-316 Release dedicated channel of talker in Voice group call (Rel-6)	Motorola	Postponed
GP-040858	CR 44.018-317 rev 2 Missing CSN.1 definition in SI9 rest octets (Rel-4)	Infineon	Approved
GP-040859	CR 44.018-318 rev 2 Missing CSN.1 definition in SI9 rest octets (Rel-5)	Infineon	Approved
GP-040860	CR 44.018-319 rev 2 Missing CSN.1 definition in SI9 rest octets (Rel-6)	Infineon	Approved
GP-040864	CR 44.018-320 rev 3 Cipher mode setting in HO command (Rel-6)	AT&T Wireless Services, Orange	Approved
GP-040572	CR 44.018-321 Purpose of the DTM ASSIGNMENT COMMAND while in dual transfer mode (Rel-6)	Infineon AG	Approved
GP-040726	CR 44.018-322 Signalling support for FDD_RSCPmin threshold allowing CPICH RSCP based cell-reselection to UTRAN FDD (Rel-6)	Teliasonera	Withdrawn
GP-040949	CR 44.018-323 Cipher mode setting IE in HO command (Rel 4)	Orange, AWS	Withdrawn
GP-040950	CR 44.018-324 Cipher mode setting IE in HO command (Rel 5)	Orange, AWS	Withdrawn
GP-040951	CR 44.018-325 Cipher mode setting IE in HO command (Rel 6)	Orange, AWS	Withdrawn
GP-040981	CR 44.018-326 Providing frequency redefinition for VGCS listeners (Rel-6)	Motorola	Withdrawn
GP-041098	CR 44.018-327 Short access removal (Rel-4)	Melco	Approved
GP-041099	CR 44.018-328 Short access removal (Rel-5)	Melco	Approved
GP-041100	CR 44.018-329 Short access removal (Rel-6)	Melco	Approved
GP-040728	CR 44.018-330 Signalling support for FDD_REP_QUANT parameter allowing UTRAN FDD reporting based on both CPICH Ec/No and RSCP (Rel-6)	Teliasonera	Withdrawn
GP-040840	CR 44.031-084 rev 2 Definition of code and Doppler search windows for MS assisted A-GPS (Rel-4)	Qualcomm Europe S.A.R.L.Alcatel	Approved

Tdoc	Title	Source	Status
GP-040841	CR 44.031-085 rev 2 Definition of code and Doppler search windows for MS assisted A-GPS (Rel-5)	Qualcomm Europe S.A.R.L.Alcatel	Approved
GP-040842	CR 44.031-086 rev 2 Definition of code and Doppler search windows for MS assisted A-GPS (Rel-6)	Qualcomm Europe S.A.R.L.Alcatel	Approved
GP-040820	CR 44.031-093 Correction to encoding of A-GPS Doppler Uncertainty (Rel-5)	Siemens AG	Approved
GP-040821	CR 44.031-094 Correction to encoding of A-GPS Doppler Uncertainty (Rel-6)	Siemens AG	Approved
GP-040822	CR 44.031-095 Correction and Clarification of A-GPS Doppler Uncertainty (Rel-6)	Siemens AG	Approved
GP-040789	CR 44.031-096 rev 1 Correction on SMLC Sending Incomplete Almanac in A-GPS Assistance Data (Rel-4)	Qualcomm Europe S.A.R.L.	Withdrawn
GP-040790	CR 44.031-097 rev 1 Correction on SMLC Sending Incomplete Almanac in A-GPS Assistance Data (Rel-5)	Qualcomm Europe S.A.R.L.	Withdrawn
GP-040791	CR 44.031-098 rev 1 Correction on SMLC Sending Incomplete Almanac in A-GPS Assistance Data (Rel-6)	Qualcomm Europe S.A.R.L.	Withdrawn
GP-040795	CR 44.031-099 Correction of inconsistencies between RRLP and MAP specification (Rel-4)	Qualcomm Europe S.A.R.L.	Revised
GP-041084	CR 44.031-099 rev 1 Correction of inconsistencies between RRLP and MAP specification (Rel-4)	Qualcomm Europe S.A.R.L.	Postponed
GP-040977	CR 44.031-100 Clarification of GPSTOW in Reference Time (Rel 6)	Ericsson	Postponed
GP-040979	CR 44.031-101 Support of high-accuracy timing assistance for AGPS. (Rel 6)	Ericsson	Postponed
GP-040796	CR 44.031-102 Correction of inconsistencies between RRLP and MAP specification (Rel 5)	Qualcomm Europe S.A.R.L.	Revised
GP-041085	CR 44.031-102 rev 1 Correction of inconsistencies between RRLP and MAP specification (Rel-5)	Qualcomm Europe S.A.R.L.	Postponed
GP-040797	CR 44.031-103 Correction of inconsistencies between RRLP and MAP specification (Rel 6)	Qualcomm Europe S.A.R.L.	Revised
GP-041086	CR 44.031-103 rev 1 Correction of inconsistencies between RRLP and MAP specification (Rel-6)	Qualcomm Europe S.A.R.L.	Postponed
GP-040823	CR 44.060-491 Clarification of USF-granularity in connection with Extended Dynamic Allocation (Rel-6)	Ericsson	Approved
GP-040824	CR 44.060-492 Correction to USF granularity assignment for multiple TBFs (Rel-5)	Nokia	Approved

Tdoc	Title	Source	Status
GP-040825	CR 44.060-493 Correction to USF granularity assignment for multiple TBFs (Rel-6)	Nokia	Approved
GP-040843	CR 44.060-494 rev 1 CSN.1 Coding optimization for USF assignment in case of MTBF (Rel-5)	Nokia	Approved
GP-040861	CR 44.060-495 rev 2 CSN.1 Coding optimization for USF assignment in case of MTBF (Rel-6)	Nokia	Approved
GP-040826	CR 44.060-496 Correction of the size of response time fields (Rel-5)	Nokia	Approved
GP-040827	CR 44.060-497 Correction of the size of response time fields (Rel-6)	Nokia	Approved
GP-040957	CR 44.060-498 rev 1 RRBP and FBI not set in the same block	Nokia	Postponed
GP-040958	CR 44.060-499 rev 1 Segmentation of LLC PDUs and change of radio priority	Nokia	Postponed
GP-040727	CR 44.060-500 Signalling support for FDD_RSCPmin threshold allowing CPICH RSCP based cell-reselection to UTRAN FDD (Rel-6)	Teliasonera	Withdrawn
GP-040729	CR 44.060-501 Signalling support for FDD_REP_QUANT parameter allowing UTRAN FDD reporting based on both CPICH Ec/No and RSCP (Rel-6)	Teliasonera	Withdrawn
GP-040621	CR 44.060-502 Short access removal (Rel 4)	Melco Mobile Communication Europe	Revised
GP-041072	CR 44.060-502 rev 1 Short access removal (Rel-4)	Melco	Approved
GP-040622	CR 44.060-503 Short access removal (Rel 5)	Melco Mobile Communication Europe	Revised
GP-041073	CR 44.060-503 rev 1 Short access removal (Rel-5)	Melco	Approved
GP-040623	CR 44.060-504 Short access removal (Rel 6)	Melco Mobile Communication Europe	Revised
GP-041074	CR 44.060-504 rev 1 Short access removal (Rel-6)	Melco	Approved
GP-040627	CR 44.060-505 Applicability of individual NC parameters (Rel 6)	Melco Mobile Communication Europe, Nokia	Revised
GP-041049	CR 44.060-505 rev 1 Applicability of individual NC parameters (Rel 6)	Melco Mobile Communication Europe, Nokia	Revised

Tdoc	Title	Source	Status
GP-041145	CR 44.060-505 rev 2 Applicability of individual NC parameters (Rel-6)	Melco, Nokia	Revised
GP-041155	CR 44.060-505 rev 3 Applicability of individual NC parameters (Rel-6)	Melco, Nokia	Approved
GP-040798	CR 44.060-506 : Rule for encoding SI1 in the set of PNCD messages (Rel-4)	Nokia, Infineon AG, Motorola	Revised
GP-041087	CR 44.060-506 rev 1 Rule for encoding SI1 in the set of PNCD messages (Rel-4)	Nokia, Infineon AG, Motorola	Approved
GP-040799	CR 44.060-507 : Rule for encoding SI1 in the set of PNCD messages (Rel-5)	Nokia, Infineon AG, Motorola	Revised
GP-041088	CR 44.060-507 rev 1 Rule for encoding SI1 in the set of PNCD messages (Rel-5)	Nokia, Infineon AG, Motorola	Approved
GP-040800	CR 44.060-508 Rule for encoding SI1 in the set of PNCD messages (Rel-6)	Nokia, Infineon AG, Motorola	Revised
GP-041089	CR 44.060-508 rev 1 Rule for encoding SI1 in the set of PNCD messages (Rel-6)	Nokia, Infineon AG, Motorola	Approved
GP-040801	CR 44.060-509 Important correction to handling of PSCD messages (Rel-4)	Nokia, Infineon AG	Revised
GP-041090	CR 44.060-509 rev 1 Important correction to handling of PSCD messages (Rel-4)	Nokia, Infineon	Revised
GP-041156	CR 44.060-509 rev 2 Important correction to handling of PSCD messages (Rel-4)	Nokia, Infineon	Approved
GP-040802	CR 44.060-510 Important correction to handling of PSCD messages (Rel-5)	Nokia, Infineon AG	Revised
GP-041091	CR 44.060-510 rev 1 Important correction to handling of PSCD messages (Rel-5)	Nokia, Infineon	Revised
GP-041157	CR 44.060-510 rev 2 Important correction to handling of PSCD messages (Rel-5)	Nokia, Infineon	Approved
GP-040803	CR 44.060-511 Important correction to handling of PSCD messages (Rel-6)	Nokia, Infineon AG	Revised
GP-041092	CR 44.060-511 rev 1 Important correction to handling of PSCD messages (Rel-6)	Nokia, Infineon	Revised
GP-041158	CR 44.060-511 rev 2 Important correction to handling of PSCD messages (Rel-6)	Nokia, Infineon	Approved
GP-040804	CR 44.060-512 Introduction of non-segmented provision of serving cell SYSTEM INFORMATION messages on PACCH (Rel-6)	Nokia, Infineon AG, Motorola	Revised

Tdoc	Title	Source	Status
GP-041144	CR 44.060-512 rev 1 Introduction of non-segmented provision of serving cell SYSTEM INFORMATION messages on PACCH (Rel-6)	Nokia, Infineon AG, Motorola	Approved
GP-040805	CR 44.060-513 Removal of Unsynchronized (blind) Cell Change Order towards a GSM cell (Rel-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Revised
GP-041146	CR 44.060-513 rev 1 Removal of Unsynchronized (blind) Cell Change Order towards a GSM cell (Rel-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040806	CR 44.060-514 Removal of GPRS Extended Measurement reporting (Rel-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040808	CR 44.060-515 Removal of GPRS Idle Interference Measurements (Rel-6)	Nokia, Motorola, Vodafone	Revised
GP-041147	CR 44.060-515 rev 1 Removal of GPRS Idle Interference Measurements (Rel-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040810	CR 44.060-516 Clarification to complete acquisition of (P)BCCH information (Rel-6)	Nokia	Revised
GP-041148	CR 44.060-516 rev 1 Clarification to complete acquisition of (P)BCCH information (Rel-6)	Nokia	Withdrawn
GP-040811	CR 44.060-517 Correction to PSI5 message encoding due to erroneous CR implementation (Rel-5)	Nokia	Revised
GP-041135	CR 44.060-517 rev 1 Correction to PSI5 message encoding due to erroneous CR implementation (Rel-5)	Nokia	Approved
GP-040812	CR 44.060-518 Correction to PSI5 message encoding due to erroneous CR implementation (Rel-6)	Nokia	Revised
GP-041136	CR 44.060-518 rev 1 Correction to PSI5 message encoding due to erroneous CR implementation (Rel-6)	Nokia	Approved
GP-040956	CR 44.060-519 Introduction of extended RLC/MAC control message segmentation	Nokia	Postponed
GP-041154	CR 44.060-520 Applicability of individual NC parameters (Rel-5)	Melco, Nokia	Approved
GP-040831	CR 44.118-080 rev 2 TFC Removal mechanism (Rel-6)	Nokia	Approved
GP-040828	CR 44.118-083 Correction of the size of response time fields (Rel-5)	Nokia	Approved
GP-040829	CR 44.118-084 Correction of the size of response time fields (Rel-6)	Nokia	Approved

Tdoc	Title	Source	Status
GP-040862	CR 44.118-085 rev 2 Extension mechanism for IEs and structures in 44.118 (Rel-5)	Nokia	Approved
GP-040863	CR 44.118-086 rev 2 Extension mechanism for IEs and structures in 44.118 (Rel-6)	Nokia	Approved
GP-040854	CR 44.118-087 rev 1 Introduction of CSN1 for FLO (Rel-6)	Nokia	Approved
GP-040830	CR 44.118-088 FLO corrections (Rel-6)	Nokia	Approved
GP-040832	CR 44.118-089 UTRAN-GERAN alignment: Response on SBSS Relocation with Cell Update (Rel-5)	Nokia	Approved
GP-040833	CR 44.118-090 UTRAN-GERAN alignment: Response on SBSS Relocation with Cell Update (Rel-6)	Nokia	Approved
GP-040834	CR 44.118-091 UTRAN-GERAN alignment: GERAN setting of the activation time for TM bearers in Ciphering Mode info IE (Rel-5)	Nokia	Approved
GP-040835	CR 44.118-092 UTRAN-GERAN alignment: GERAN setting of the activation time for TM bearers in Ciphering Mode info IE (Rel-6)	Nokia	Approved
GP-040836	CR 44.118-093 UTRAN-GERAN alignment: Corrections to "Entered parameter" (Rel-5)	Nokia	Approved
GP-040837	CR 44.118-094 UTRAN-GERAN alignment: Corrections to "Entered parameter" (Rel-6)	Nokia	Approved
GP-040856	CR 44.118-099 Mapping between TrCH and corresponding DBPSCH (Rel-6)	Nokia	Approved
GP-040943	CR 44.118-100 One TFC for signalling on HR channels (Rel-6)	Nokia	Postponed
GP-040936	CR 44.118-101 DBPSCH allocation with CELL UPDATE CONFIRM corrections (rel 5)	Nokia	Approved
GP-040937	CR 44.118-102 DBPSCH allocation with CELL UPDATE CONFIRM corrections (rel 6)	Nokia	Approved
GP-040938	CR 44.118-103 Erroneous implementation in 44.118 of GP-030090 (Rel 5)	Nokia	Approved
GP-040939	CR 44.118-104 Erroneous implementation in 44.118 of GP-030090 (rel 6)	Nokia	Approved
GP-040624	CR 44.160-078 Short access removal (Rel 5)	Melco Mobile Communication Europe	Revised
GP-041075	CR 44.160-078 rev 1 Short access removal (Rel-5)	Melco	Approved

Tdoc	Title	Source	Status
GP-040625	CR 44.160-079 Short access removal (Rel 6)	Melco Mobile Communication Europe	Revised
GP-041076	CR 44.160-079 rev 1 Short access removal (Rel-6)	Melco	Approved
GP-040807	CR 44.160-080 : Removal of GPRS Extended Measurement reporting (Rel-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040809	CR 44.160-081 : Removal of GPRS Idle Interference Measurements (Rel-6)	Nokia, Motorola, Vodafone	Approved
GP-040944	CR 44.160-082 One TFC for signalling on HR channels (Rel-6)	Nokia	Postponed
GP-040697	CR 45.002-086 Corrections on allowed packet switched multislot configurations (Rel-5)	Nokia	Approved
GP-040698	CR 45.002-087 Corrections on allowed packet switched multislot configurations (Rel-6)	Nokia	Approved
GP-040701	CR 45.002-088 Clarification on USF monitoring in case of extended dynamic allocation (Rel-6)	Nokia	Approved
GP-040725	CR 45.002-089 Correction to Figure 9 (Rel-6)	Siemens	Approved
GP-040945	CR 45.003-033 One TFC for signalling on HR channels (Rel-6)	Nokia	Revised
GP-041165	CR 45.003-033 rev 1 One TFC for signalling on HR channels (Rel-6)	Nokia	Approved
GP-040875	CR 45.005-084 Correction to transmitted power level vs. time mask (Rel-6)	Siemens	Approved
GP-041055	CR 45.005-085 Input signal level for interference performance for FLO	Siemens	Approved
GP-041012	CR 45.005-086 Correction of MS receiver sensitivity requirement for TCH/AFS6.7 FER - (Rel4)	Nokia	Approved
GP-040586	CR 45.008-205 FDD_Qmin similar threshold for CPICH RSCP for UTRAN FDD cell re-selection (Rel 6)	TeliaSonera	Postponed
GP-040587	CR 45.008-206 FDD_REP_QUANT reporting UTRAN FDD based on both CPICH Ec/No and RSCP (Rel 6)	TeliaSonera	Postponed
GP-040626	CR 45.008-207 Applicability of individual NC parameters (Rel 6)	Melco Mobile Communication Europe, Nokia	Revised

Tdoc	Title	Source	Status
GP-041048	CR 45.008-207 rev 1 Applicability of individual NC parameters (Rel 6)	Melco Mobile Communication Europe, Nokia	Revised
GP-041197	CR 45.008-207 rev 2 Applicability of individual NC parameters (Rel 6)	Melco Mobile Communication Europe, Nokia	Approved
GP-040699	CR 45.008-208 Clarification on BSIC_SEEN reporting (Rel-6)	Nokia	Approved
GP-040700	CR 45.008-209 Correction on the applicability of the individually given REP_PRIORITY list (Rel-6)	Nokia	Withdrawn
GP-040902	CR 45.008-210 Clarification on Multi-band neighboring cells monitoring when more than 2 bands are used (Rel 6)	STMicroelectronics	Withdrawn
GP-041201	CR 45.008-212 Applicability of individual NC parameters (Rel 5)	Melco Mobile Communication Europe, Nokia	Approved
GP-040813	CR 45.008-213 "Removal of Unsynchronized (blind) Cell Change Order towards a GSM cell." (REL-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040814	CR 45.008-214 "Removal of GPRS Extended Measurement reporting" (REL-6)	Nokia, Motorola, Vodafone, Alcatel, Ericsson	Approved
GP-040816	CR 45.008-215 "Removal of GPRS Idle Interference Measurements" (REL-6)	Nokia, Motorola, Vodafone	Approved
GP-040976	CR 45.010-029 Clarification of MS reaction times after receiving an assignment message (Rel 6)	Ericsson	Rejected
GP-040711	CR 45.902-018 rev 1 Signalling for Uplink TFC selection (Rel-6)	Siemens	Postponed
GP-040946	CR 45.902-019 One TFC for signalling on HR channels (Rel-6)	Nokia	Revised
GP-041166	CR 45.902-019 rev 1 One TFC for signalling on HR channels (Rel-6)	Nokia	Approved
GP-040986	CR 48.006-005 Clarification to Notification Response	Motorola	Postponed
GP-040987	CR 48.006-006 BSSMAP message length extension (Rel 6)	Nokia	Withdrawn
GP-040844	CR 48.008-084 rev 3 Correction to the Coding of SNA Access Information IE (Rel-5)	Nokia	Approved
GP-040845	CR 48.008-085 rev 3 Correction to the Coding of SNA Access Information IE (Rel-6)	Nokia	Approved

Tdoc	Title	Source	Status
GP-040852	CR 48.008-099 rev 2 Removal of ASN.1 coding for CRRM field elements received by BSS (Rel-5)	Ericsson	Approved
GP-040853	CR 48.008-100 rev 2 Removal of ASN.1 coding for CRRM field elements received by BSS (Rel-6)	Ericsson	Approved
GP-040985	CR 48.008-114 VGCS queuing and preemption handling (Rel-6)	Motorola	Postponed
GP-040984	CR 48.008-115 Release dedicated channel of talker in Voice group call (Rel-6)	Motorola	Postponed
GP-040846	CR 48.008-116 rev 1 'Early UE cause' missing from HANDOVER FAILURE message at E-interface (Rel-5)	Nokia	Approved
GP-040847	CR 48.008-117 rev 1 'Early UE cause' missing from HANDOVER FAILURE message at E-interface (Rel-6)	Nokia	Approved
GP-040894	CR 48.008-118 rev 1 Service Handover for services not supported in GERAN (Rel-6)	Siemens AG	Withdrawn
GP-040952	CR 48.008-120 Incorrect length of group call reference IE (Rel-6)	Siemens AG	Approved
GP-040980	CR 48.008-121 Service handover (Rel 6)	Nortel Networks	Withdrawn
GP-040988	CR 48.008-122 BSSMAP message length extension (Rel 6)	Nokia	Withdrawn
GP-040961	CR 48.016-012 Correction of SNS PDUs for IP support. (Rel-4)	Ericsson	Postponed
GP-040962	CR 48.016-013 Correction of SNS PDUs for IP support. (Rel-5)	Ericsson	Postponed
GP-040954	CR 48.018-089 rev 5 RIM and NACC clean-up (Rel-5)	Siemens	Postponed
GP-040848	CR 48.018-100 rev 2 Download BSS PFC PDU (Rel-6)	Siemens AG	Approved
GP-040929	CR 48.018-106 rev 1 Length of ABQP IE in BSSGP (Rel 6)	Motorola	Revised
GP-041096	CR 48.018-106 rev 2 Length of ABQP IE in BSSGP (Rel-6)	Motorola	Approved
GP-040927	CR 48.018-108 Length of ABQP IE in BSSGP (Rel 4)	Motorola	Revised
GP-041094	CR 48.018-108 rev 1 Length of ABQP IE in BSSGP (Rel-4)	Motorola	Approved
GP-040928	CR 48.018-109 Length of ABQP IE in BSSGP (Rel 5)	Motorola	Revised
GP-041095	CR 48.018-109 rev 1 Length of ABQP IE in BSSGP (Rel-5)	Motorola	Approved

Tdoc	Title	Source	Status
GP-040855	CR 48.071-021 rev 3 Removal of emergency services client type restriction from the U-TDOA location method (Rel-6)	Cingular T-Mob Andrew TrueP	Approved
GP-040636	CR 48.071-022 rev 2 Inclusion of PS functionality for U-TDOA location method	TruePosition	Postponed
GP-040857	CR 48.071-023 rev 1 Clarification of an indefinate maximum length for BSSLAP IEs (Rel-6)	Siemens AG	Approved
GP-040678	CR 49.031-032 rev 1 Correction of behaviour of the Location Request procedure (Rel-4)	Siemens, Vodafone	Revised
GP-041079	CR 49.031-032 rev 2 Correction of behaviour of the Location Request procedure (Rel-4)	Siemens, Vodafone	Approved
GP-040679	CR 49.031-033 rev 1 Correction of behaviour of the Location Request procedure (Rel-5)	Siemens, Vodafone	Revised
GP-041080	CR 49.031-033 rev 2 Correction of behaviour of the Location Request procedure (Rel-5)	Siemens, Vodafone	Approved
GP-040680	CR 49.031-034 rev 1 Correction of behaviour of the Location Request procedure (Rel-6)	Siemens, Vodafone	Revised
GP-041081	CR 49.031-034 rev 2 Correction of behaviour of the Location Request procedure (Rel-6)	Siemens, Vodafone	Approved
GP-040577	CR 51.010-1-2096 Section 14.16.2: Wanted signal levels for CS4 not in line with C/Ic specification	Wavecom	Approved
GP-040578	CR 51.010-1-2097 Section 26.2.4 Addition of PICS/PIXT	Wavecom	Approved
GP-040579	CR 51.010-1-2098 Section 40 - Change of Pb power parameter	Wavecom	Approved
GP-040580	CR 51.010-1-2099 Section 41.3.1.2 Data retransmission included	Wavecom	Revised
GP-041105	CR 51.010-1-2099 rev 1 Section 41.3.1.2 Data retransmission included	Wavecom	Approved
GP-040581	CR 51.010-1-2100 Section 44.2.9 New NITZ Test cases	Wavecom	Approved
GP-040583	CR 51.010-1-2101 Correction of testcases following NC2 work plan (Deleting TC) 40.4.3.20	MCC	Approved
GP-040584	CR 51.010-1-2102 Correction of testcases following NC2 work plan (Inserting TC) 42.4.8.3	MCC	Approved
GP-040588	CR 51.010-1-2103 42.3.3.4 Dynamic Allocation / Resource reallocation / Successful / Lower Coding Scheme Command	Setcom	Revised

Tdoc	Title	Source	Status
GP-041185	CR 51.010-1-2103 rev 1 42.3.3.4 Dynamic Allocation / Resource reallocation / Successful / Lower Coding Scheme Command	Setcom	Withdrawn
GP-040589	CR 51.010-1-2104 Optional steps added for clauses 41.3.6.2 and 41.3.6.3	Setcom	Withdrawn
GP-040590	CR 51.010-1-2105 Increase of amount to be triggered for testcases 41.3.2.1,41.3.2.2 and 41.3.2.3	Setcom	Revised
GP-041106	CR 51.010-1-2105 rev 1 Increase of amount to be triggered for testcases 41.3.2.1,41.3.2.2 and 41.3.2.3	Setcom	Approved
GP-040591	CR 51.010-1-2106 44.2.3.2.5- Correction to Expected sequence of Test procedure 1	Setcom	Revised
GP-041124	CR 51.010-1-2106 rev 1 44.2.3.2.5- Correction to Expected sequence of Test procedure 1	Setcom	Approved
GP-040592	CR 51.010-1-2107 42.4.1.4 - Network Control measurement reporting / Uplink transfer / Continuation in Idle mode	Setcom	Revised
GP-041204	CR 51.010-1-2107 rev 1 42.4.1.4 – Network Control measurement reporting / Uplink transfer / Continuation in Idle mode	Setcom	Approved
GP-040593	CR 51.010-1-2108 42.4.2.3.1 - Network Control measurement reporting / Uplink transfer / Continuation in Idle mode	Setcom	Revised
GP-041108	CR 51.010-1-2108 rev 1 42.4.2.3.1 – Network Control measurement reporting / Uplink transfer / Continuation in Idle mode	Setcom	Approved
GP-040594	CR 51.010-1-2109 42.4.2.3.3 - Packet Measurement order procedure / Downlink transfer / Normal case/ Dedicated parameters	Setcom	Revised
GP-041110	CR 51.010-1-2109 rev 142.4.2.3.3 – Packet Measurement order procedure / Downlink transfer / Normal case/ Dedicated parameters	Setcom	Approved
GP-040595	CR 51.010-1-2110 42.4.4.4 - Network Control measurement reporting / Idle mode / Reselection due to RA failure	Setcom	Revised
GP-041205	CR 51.010-1-2110 rev 1 42.4.4.4 – Network Control measurement reporting / Idle mode / Reselection due to RA failure	Setcom	Approved
GP-040596	CR 51.010-1-2111 Correction to clauses 42.4.5.4 and 42.4.5.9	Setcom	Withdrawn

Tdoc	Title	Source	Status
GP-040597	CR 51.010-1-2112 42.4.6.1 Network Control PEMR – Activation with SI Messages	Setcom	Withdrawn
GP-040598	CR 51.010-1-2113 Optional steps added for clauses 51.3.6.2 and 51.3.6.3	Setcom	Withdrawn
GP-040599	CR 51.010-1-2114 TC 42.3.2.2.1 - Correction to specific message contents of Packet Timeslot Reconfigure message (1st execution)	Setcom	Withdrawn
GP-040600	CR 51.010-1-2115 TC 52.3.2.2.1 - Correction to specific message contents of Packet Timeslot Reconfigure message (1st execution)	Setcom	Withdrawn
GP-040601	CR 51.010-1-2116 Increase of amount to be triggered for testcases Setcom 51.3.2.1,51.3.2.2 and 51.3.2.3	Setcom	Revised
GP-041107	CR 51.010-1-2116 rev 1 Increase of amount to be triggered for testcases Setcom 51.3.2.1,51.3.2.2 and 51.3.2.3	Setcom	Approved
GP-040602	CR 51.010-1-2117 42.4.5.4 - Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Order	Setcom	Revised
GP-041112	CR 51.010-1-2117 rev 1 42.4.5.4 – Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Order	Setcom	Approved
GP-040603	CR 51.010-1-2118 42.4.5.9- Network Assisted Cell Change / NC mode change / Packet Neighbour Cell Data	Setcom	Revised
GP-041113	CR 51.010-1-2118 rev 1 42.4.5.9- Network Assisted Cell Change / NC mode change / Packet Neighbour Cell Data	Setcom	Approved
GP-040604	CR 51.010-1-2119 TC 15.9 Timing Advance whilst in DTM	Siemens AG	Approved
GP-040605	CR 51.010-1-2120 TC 41.5.2.X MT CS establishment whilst in packet transfer mode	Siemens AG	Withdrawn
GP-040606	CR 51.010-1-2121 TC 47.3.1.3.1 Handover to same routeing area whilst in DTM with both DL & UL TBFs / Successful case	Siemens AG	Withdrawn
GP-040607	CR 51.010-1-2122 TC 47.3.2.2 Handover to different routeing area whilst in DM / Performed on main DCCH / CS release before RAU complete	Siemens AG	Withdrawn
GP-040608	CR 51.010-1-2123 TC 31.1.4.2 Normal Operation	Siemens AG	Revised
GP-041188	CR 51.010-1-2123 rev 1 TC 31.1.4.2 Normal Operation	Siemens AG	Approved
GP-040609	CR 51.010-1-2124 TC 45.5.1 : extended TI, error cases	Siemens AG	Approved

Tdoc	Title	Source	Status
GP-040610	CR 51.010-1-2125 TC 40.5 : test PDP contexts	Siemens AG	Approved
GP-040611	CR 51.010-1-2126 TC 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Siemens AG	Revised
GP-041109	CR 51.010-1-2126 rev 1 TC 42.3.1.2.2 Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	Siemens AG	Approved
GP-040612	CR 51.010-1-2127 TC 44.2.3.2.2 Combined routing area updating / MS in CS operation at change of RA	Siemens AG	Approved
GP-040613	CR 51.010-1-2128 Section 40.5: Alignment of R99/R98 QoS parameters - PDP context types 1-14	Siemens AG	Withdrawn
GP-040615	CR 51.010-1-2129 TC 13.3.4.1 Transmitter output power in GPRS multislot configuration	Siemens AG	Approved
GP-040628	CR 51.010-1-2130 42.1.1.3 Packet Channel Request / Access type	Melco Mobile Communication Europe	Revised
GP-041114	CR 51.010-1-2130 rev 1 42.1.1.3 Packet Channel Request / Access type	Melco Mobile Communication Europe	Approved
GP-040629	CR 51.010-1-2131 Removal of 42.3.1.1.2 Dynamic Allocation / Uplink Transfer / Normal / Request new resources	Melco Mobile Communication Europe	Approved
GP-040630	CR 51.010-1-2132 52.1.1.5 EGPRS Packet Channel Request / Access type	Melco Mobile Communication Europe	Revised
GP-041115	CR 51.010-1-2132 rev1 52.1.1.5 EGPRS Packet Channel Request / Access type	Melco Mobile Communication Europe	Approved
GP-040631	CR 51.010-1-2133 Removal of 52.3.1.1.2 Dynamic Allocation / Uplink Transfer / Normal / Request new resources	Melco Mobile Communication Europe	Approved
GP-040637	CR 51.010-1-2134 26.7.6 New NITZ Test case	Racal Instruments, Wavecom	Approved
GP-040638	CR 51.010-1-2135 26.7.6.1.2 New NITZ Test case	Racal Instruments, Wavecom	Withdrawn
GP-040640	CR 51.010-1-2136 Removal of AMR C/I tests from section 26.16	Racal Instruments	Approved
GP-040641	CR 51.010-1-2137 14.4.8 Corrections to minimum samples and minimum test times	Racal Instruments	Revised

Tdoc	Title	Source	Status
GP-041111	CR 51.010-1-2137 rev 1 14.4.8 Corrections to minimum samples and minimum test times	Racal Instruments	Approved
GP-040642	CR 51.010-1-2138 14.5.1.2 Corrections to minimum samples due to fading	Racal Instruments	Approved
GP-040643	CR 51.010-1-2139 14.5.1.3 Corrections to minimum samples due to fading	Racal Instruments	Revised
GP-041102	CR 51.010-1-2139 rev 1 14.5.1.3 Corrections to minimum samples due to fading	Racal Instruments	Approved
GP-040644	CR 51.010-1-2140 14.2.18 Allignment of clasical and statistical tests	Racal Instruments	Approved
GP-040646	CR 51.010-1-2141 42.3.2.2.1 - Correction to specific message contents of Packet Timeslot Reconfigure message (1st execution) (revisited)	Anite	Approved
GP-040647	CR 51.010-1-2142 52.3.2.2.1 - Correction to specific message contents of Packet Timeslot Reconfigure message (1st execution) (revisited)	Anite	Approved
GP-040654	CR 51.010-1-2143 41.2.3.7 - Correction to Initial Conditions of System Simulator	Anite	Approved
GP-040655	CR 51.010-1-2144 51.2.3.7 - Correction to Initial Conditions of System Simulator	Anite	Approved
GP-040656	CR 51.010-1-2145 42.4.2.1.3 - Ready Timer must be disabled.	Anite	Postponed
GP-040657	CR 51.010-1-2146 42.4.2.2.2 - Ready Timer must be disabled.	Anite	Approved
GP-040658	CR 51.010-1-2147 42.4.4.1 - Handling of Measurement Report at Step 4	Anite	Revised
GP-041117	CR 51.010-1-2147 rev 1 42.4.4.1 – Handling of Measurement Report at Step 4	Anite	Approved
GP-040659	CR 51.010-1-2148 44.2.3.1.4 - Setting Force to Standby in Routing Area Accept.	Anite	Revised
GP-041179	CR 51.010-1-2148 rev 1 44.2.3.1.4 – Setting Force to Standby in Routing Area Accept.	Anite	Approved
GP-040660	CR 51.010-1-2149 44.2.3.1.7 - The GERAN #17 CR GP-032364 is not reflected in 51.010-1.	Anite	Approved
GP-040661	CR 51.010-1-2150 44.2.3.3.1, 44.2.3.3.2, 44.2.3.3.4 - Setting Force to Standby in Routing Area Accept.	Anite	Revised

Tdoc	Title	Source	Status
GP-041180	CR 51.010-1-2150 rev 1 44.2.3.3.1, 44.2.3.3.2, 44.2.3.3.4 – Setting Force to Standby in Routing Area Accept.	Anite	Approved
GP-040662	CR 51.010-1-2151 46.1.2.2.1.2 - Handling of Deactivation Procedure ,after the Link is released.	Anite	Withdrawn
GP-040663	CR 51.010-1-2152 46.1.2.5.4 - Correction to test procedure, removal of wait for T200.	Anite	Approved
GP-040664	CR 51.010-1-2153 46.1.2.6.1 - Modification to the test sequence, PDP Context 5 Activation moved to Step 1.	Anite	Revised
GP-041128	CR 51.010-1-2153 rev 1 46.1.2.6.1 – Modification to the test sequence, PDP Context 5 Activation moved to Step 1.	Anite	Approved
GP-040665	CR 51.010-1-2154 46.2.2.1.1, 46.2.2.1.2, 46.2.2.1.3, 46.2.2.1.4, 46.2.2.1.5, 46.2.2.4.1 - Modifying triggering of MS in SNDCP TCs in which multiple NPDU are expected.	Anite	Withdrawn
GP-040666	CR 51.010-1-2155 53.1.1.18 - Modification to the number of iterations, taking into consideration the coding Scheme	Anite	Withdrawn
GP-040668	CR 51.010-1-2156 42.3.3.2.1, 42.3.3.2.2 - Editorial Change to step numbering.	Anite	Approved
GP-040669	CR 51.010-1-2157 52.3.3.2.1, 52.3.3.2.2 - Editorial Change to step numbering.	Anite	Approved
GP-040670	CR 51.010-1-2158 42.4.2.1.4 - Correction to comments.	Anite	Revised
GP-041118	CR 51.010-1-2158 rev 1 42.4.2.1.4 – Correction to comments.	Anite	Approved
GP-040671	CR 51.010-1-2159 51.2.5.3 - Modify Initial Conditions: MS to be GPRS attached/in Packet Idle mode, PDP context 31 established.	Anite	Approved
GP-040672	CR 51.010-1-2160 60.4 - Correct response to call setup message	Anite	Postponed
GP-040673	CR 51.010-1-2161 60.5 - Introduce check of MS state	Anite	Withdrawn
GP-040674	CR 51.010-1-2162 60.2, 60.3 - Split Inter-System Handover high data rate test cases to separate GSM section	Anite	Withdrawn
GP-040684	CR 51.010-1-2163 TC 52.3.2.1.2 and 53.1.2.19 - Correction to PICS statement to use EGPRS multislot class	Setcom	Revised
GP-041119	CR 51.010-1-2163 rev 1 TC 52.3.2.1.2 and 53.1.2.19 – Correction to PICS statement to use EGPRS multislot class	Setcom	Approved

Tdoc	Title	Source	Status
GP-040685	CR 51.010-1-2164 TC 53.1.1.1 - Removal of wait of BS_CV_MAX block periods.	Setcom	Approved
GP-040686	CR 51.010-1-2165 TC 52.3.1.2.3 - Correction to the type of allocation in Packet Uplink Assignments in Test sequence	Setcom	Approved
GP-040687	CR 51.010-1-2166 TC 42.3.2.1.2 - Correction to testcase to use the PICS for GPRS Multislot Class	Setcom	Approved
GP-040689	CR 51.010-1-2167 TC 42.4.5.7 - Correction to amount of data triggered	Setcom	Approved
GP-040690	CR 51.010-1-2168 Clarification to test case 22.3 on change of Power Level	Ericsson	Revised
GP-041123	CR 51.010-1-2168 rev 1 Clarification to test case 22.3 on change of Power Level	Ericsson	Approved
GP-040691	CR 51.010-1-2169 Correction to test case 44.2.3.1.2, deactivation of cell A	Ericsson	Approved
GP-040692	CR 51.010-1-2170 Correction to test case 44.2.3.1.4, missing cell update	Ericsson	Postponed
GP-040693	CR 51.010-1-2171 New test case for Intersystem Change and Integrity Protection	Ericsson	Approved
GP-040695	CR 51.010-1-2172 Corrections and improvements to section 60.x	Ericsson	Revised
GP-041171	CR 51.010-1-2172 rev 1 Corrections and improvements to section 60.x	Ericsson	Approved
GP-040736	CR 51.010-1-2173 Section 20.22.23 Test could be passed without having decoded PMO message.	Rohde & Schwarz	Approved
GP-040737	CR 51.010-1-2174 Section 20.22.24 Test could be passed without having decoded PMO message.	Rohde & Schwarz	Approved
GP-040738	CR 51.010-1-2175 Section 20.22.25 Test could be passed without having decoded PMO message.	Rohde & Schwarz	Approved
GP-040739	CR 51.010-1-2176 Section 20.22.26 Test could be passed without having decoded PMO message.	Rohde & Schwarz	Approved
GP-040740	CR 51.010-1-2177 Section 20.22 Specification of R99 default conditions for GPRS cell selection / re-selection	Rohde & Schwarz	Approved
GP-040741	CR 51.010-1-2178 Section 34.4.1 Check for no further CP_DATA_ACK missing in Expected sequence	Rohde & Schwarz	Approved
GP-040742	CR 51.010-1-2179 Section 34.4.6 Incorrect naming of timer TC1M	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-040743	CR 51.010-1-2180 34.4.7 Conformance requirements and Initial conditions corrections	Rohde & Schwarz	Approved
GP-040744	CR 51.010-1-2181 Section 34.4.8.1 Conformance requirement for CP Error Handling updated and test corrected	Rohde & Schwarz	Revised
GP-041187	CR 51.010-1-2181 rev 1 Section 34.4.8.1 Conformance requirement for CP Error Handling updated and test corrected	Rohde & Schwarz	Approved
GP-040745	CR 51.010-1-2182 Section 41.1.* Consideration of Transfer non-DRX mode period	Rohde & Schwarz	Approved
GP-040746	CR 51.010-1-2183 Section 41.2.3.11 Incorrect step references	Rohde & Schwarz	Approved
GP-040747	CR 51.010-1-2184 Section 41.3.1.1 Insufficient amount of data triggered	Rohde & Schwarz	Approved
GP-040748	CR 51.010-1-2185 Section 41.3.6.1 Correction of requirement check	Rohde & Schwarz	Approved
GP-040749	CR 51.010-1-2186 Section 41.3.6.2 Optional steps added and some further corrections	Rohde & Schwarz	Approved
GP-040750	CR 51.010-1-2187 Section 41.3.6.3 Optional steps added and some further corrections	Rohde & Schwarz	Approved
GP-040751	CR 51.010-1-2188 Section 42.1.1.4.1 Wait time in Expected sequence too short. Initial conditions improved	Rohde & Schwarz	Approved
GP-040752	CR 51.010-1-2189 Section 42.1.1.4.2 Correction to test procedure regarding to persistence level settings	Rohde & Schwarz	Approved
GP-040753	CR 51.010-1-2190 Section 42.3.3.1.3 Check that only one LLC PDU is transmitted	Rohde & Schwarz	Withdrawn
GP-040754	CR 51.010-1-2191 Section 42.4.1.5 Correction Initial conditions and Test Procedure	Rohde & Schwarz	Approved
GP-040755	CR 51.010-1-2192 Section 42.4.2.3.4 Corrections to the test procedure	Rohde & Schwarz	Withdrawn
GP-040756	CR 51.010-1-2193 Section 42.4.2.3.5 Corrections to the test procedure	Rohde & Schwarz	Revised
GP-041121	CR 51.010-1-2193 rev 1 Section 42.4.2.3.5 Corrections to the test procedure	Rohde & Schwarz	Approved
GP-040757	CR 51.010-1-2194 Section 42.4.2.3.6 Corrections to the test procedure	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-040758	CR 51.010-1-2195 Section 42.4.2.3.7 Corrections to the test procedure	Rohde & Schwarz	Revised
GP-041120	CR 51.010-1-2195 rev 1 Section 42.4.2.3.7 Corrections to the test procedure	Rohde & Schwarz	Approved
GP-040759	CR 51.010-1-2196 Section 42.4.4.3 Packet Downlink Dummy Control block with USF assignment missing in Expected Sequence	Rohde & Schwarz	Approved
GP-040760	CR 51.010-1-2197 Section 42.4.4.4 Corrections to the test procedure	Rohde & Schwarz	Approved
GP-040761	CR 51.010-1-2198 Section 42.4.5.3 Two Phase access to be considered	Rohde & Schwarz	Approved
GP-040762	CR 51.010-1-2199 Section 42.4.5.4 Corrections to Specific message contents	Rohde & Schwarz	Withdrawn
GP-040763	CR 51.010-1-2200 Section 42.4.5.7 Corrections to Initial conditions, Expected Sequnece and Specific message contents	Rohde & Schwarz	Approved
GP-040764	CR 51.010-1-2201 Section 42.4.5.8 Corrections to Expected Sequnece and Specific message contents	Rohde & Schwarz	Approved
GP-040765	CR 51.010-1-2202 Section 42.4.5.9 Corrections to Specific message contents	Rohde & Schwarz	Withdrawn
GP-040766	CR 51.010-1-2203 Section 42.4.8.1.1 PMO to be sent on PPCH	Rohde & Schwarz	Approved
GP-040767	CR 51.010-1-2204 Section 44.2.3.3.3 Value of TMSI status IE to be re-added.	Rohde & Schwarz	Approved
GP-040768	CR 51.010-1-2205 Section 47.3.1.1 Message missing in expected sequence	Rohde & Schwarz	Withdrawn
GP-040769	CR 51.010-1-2206 Section 51.1.* Consideration of Transfer non-DRX mode period	Rohde & Schwarz	Approved
GP-040770	CR 51.010-1-2207 Section 51.2.3.10 Incorrect step references	Rohde & Schwarz	Approved
GP-040771	CR 51.010-1-2208 Section 51.2.3.11 Incorrect step references	Rohde & Schwarz	Approved
GP-040772	CR 51.010-1-2209 Section 51.3.6.1 Correction of requirement check	Rohde & Schwarz	Approved
GP-040773	CR 51.010-1-2210 Section 51.3.6.2 Optional steps added and some further corrections	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-040774	CR 51.010-1-2211 Section 51.3.6.3 Optional steps added and some further corrections	Rohde & Schwarz	Approved
GP-040775	CR 51.010-1-2212 Section 52.1.1.6.1 Wait time in Expected sequence too short. Initial conditions improved	Rohde & Schwarz	Approved
GP-040776	CR 51.010-1-2213 Section 52.3.3.1.3 Check that only one LLC PDU is transmitted	Rohde & Schwarz	Withdrawn
GP-040777	CR 51.010-1-2214 Section 52.3.3.2.2 Step 6A of expected sequence removed	Rohde & Schwarz	Withdrawn
GP-040778	CR 51.010-1-2215 Section 53.1.1.3 Number of octets changed in expected sequence	Rohde & Schwarz	Approved
GP-040779	CR 51.010-1-2216 Section 53.1.1.13 Correction of test procedure	Rohde & Schwarz	Revised
GP-041130	CR 51.010-1-2216 rev 1 Section 53.1.1.13 Correction of test procedure	Rohde & Schwarz	Withdrawn
GP-040780	CR 51.010-1-2217 Section 40 Specification of Rel 4 default conditions	Rohde & Schwarz	Approved
GP-040781	CR 51.010-1-2218 Annex A5.3.4.8 Incorrect reference to test case	Rohde & Schwarz	Approved
GP-040782	CR 51.010-1-2219 Section 42.5.5.3 Correction of PSI2 parameter settings	Rohde & Schwarz	Revised
GP-041202	CR 51.010-1-2219 rev 1 Section 42.5.5.3 Correction of PSI2 parameter settings	Rohde & Schwarz	Approved
GP-040783	CR 51.010-1-2220 Section 52.5.5.3 Correction of PSI2 parameter settings	Rohde & Schwarz	Revised
GP-041203	CR 51.010-1-2220 rev 1 Section 52.5.5.3 Correction of PSI2 parameter settings	Rohde & Schwarz	Approved
GP-040784	CR 51.010-1-2221 Section 42.4.4.1 Correction of Test Purpose description	Rohde & Schwarz	Approved
GP-040785	CR 51.010-1-2222 Section 42.4.8.1.4 Correction of paging in NON_DRX_PERIOD	Rohde & Schwarz	Approved
GP-040866	CR 51.010-1-2223 42.4.8.1.4 - NC2 and DRX / NC_NON_DRX_PERIOD / NC2 non-DRX mode period broadcast in SI2Quater	Setcom	Approved
GP-040867	CR 51.010-1-2224 42.4.5.3 - Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Continue	Setcom	Approved

Tdoc	Title	Source	Status
GP-040868	CR 51.010-1-2225 Correction to test case 20.4 Cell reselection using TEMPORARY_OFFSET, CELL_RESELECT_OFFSET, POWER_OFFSET and PENALTY_TIME parameters	Ericsson	Withdrawn
GP-040874	CR 51.010-1-2226 42.4.5.8 Network Assisted Cell Change / NC mode change	Setcom	Approved
GP-040898	CR 51.010-1-2228 Section 41.3.2.1does not allow delay for the MS to be ready to transmit RLC block	NEC	Approved
GP-040899	CR 51.010-1-2229 Section 51.3.2.1does not allow delay for the MS to be ready to transmit RLC block	NEC	Approved
GP-040903	CR 51.010-1-2230 Section 26.6.11.4. Correction to the timing requirement for Classmark Change sending	Nokia	Approved
GP-040904	CR 51.010-1-2231 Changing wait time in step 2 of the Expected Sequence for clause 26.8.1.2.2.3 - Outgoing call / U0.1 MM connection pending / lower layer failure	Nokia	Approved
GP-040905	CR 51.010-1-2232 CR 51.010-1 42.4.5.7 Network Assisted Cell Change / CCN not supported towards target cell	Nokia	Approved
GP-040906	CR 51.010-1-2233 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	Postponed
GP-040907	CR 51.010-1-2234 Correction of Specific Message Contents for clause 53.1.2.19 - Acknowledged Mode/ Downlink TBF/ TBF Reallocation/Window Size	Nokia	Approved
GP-040908	CR 51.010-1-2235 CR 51.010-1 section 15.9. Correction to the timing advance	Nokia	Withdrawn
GP-040909	CR 51.010-1-2236 CR 51.010-1 section 22.11 Correction to the 'Conformance requirements'	Nokia	Approved
GP-040910	CR 51.010-1-2237 CR 51.010-1 sections 40.2.4.36 and 40.2.4.37: Default contents of System Information Type 6 and DTM Information	Nokia	Approved
GP-040911	CR 51.010-1-2238 CR 51.010-1 41.3.2.3 TBF release / Uplink / Normal / Network initiated / Whilst in DTM	Nokia	Approved
GP-040912	CR 51.010-1-2239 CR 51.010-1 41.3.4.3 TBF release / Downlink / Normal / Network initiated / Whilst in DTM	Nokia	Approved
GP-040913	CR 51.010-1-2240 CR 51.010-1 section 41.5.1.1.1.3: Change to Wait indication	Nokia	Approved

Tdoc	Title	Source	Status
GP-040914	CR 51.010-1-2241 CR 51.010-1 sections 41.5.1.1.1.6, 47.3.1.1 and 47.3.2.1: DTM Information messages added to Expected Sequences	Nokia	Revised
GP-041172	CR 51.010-1-2241 rev 1 CR 51.010-1 sections 41.5.1.1.1.6, 47.3.1.1 and 47.3.2.1: DTM Information messages added to Expected Sequences	Nokia	Approved
GP-040915	CR 51.010-1-2242 CR 51.010-1 section 41.5.1.1.2.2: DTM Request added to Expected Sequence	Nokia	Approved
GP-040916	CR 51.010-1-2243 CR 51.010-1 section 41.5.1.2.1.2: Correction to Test Procedure	Nokia	Approved
GP-040917	CR 51.010-1-2244 CR 51.010-1 sections 41.5.2.1 and 47.3.1.3.2: Editorial changes to Test Procedures	Nokia	Approved
GP-040918	CR 51.010-1-2245 CR 51.010-1 section 41.5.2.2: Correction to Expected Sequence	Nokia	Approved
GP-040919	CR 51.010-1-2246 CR 51.010-1 section 41.5.2.3: Correction to Expected Sequence	Nokia	Revised
GP-041181	CR 51.010-1-2246 rev 1 CR 51.010-1 section 41.5.2.3: Correction to Expected Sequence	Nokia	Approved
GP-040920	CR 51.010-1-2247 CR 51.010-1 section 41.5.2.4: Correction to Expected Sequence	Nokia	Approved
GP-040921	CR 51.010-1-2248 CR 51.010-1 41.5.3.1.2 Uplink TBF establishment with a downlink TBF established and PS downlink reallocation	Nokia	Approved
GP-040922	CR 51.010-1-2249 CR 51.010-1 42.6.1 Exclusive allocation in single-slot configuration	Nokia	Approved
GP-040923	CR 51.010-1-2250 CR 51.010-1 sections 47.1.1 and 47.1.2: Corrections to Expected Sequences	Nokia	Approved
GP-040924	CR 51.010-1-2251 CR 51.010-1 sections 47.3.1.2 and 47.3.1.3.1: GPRS Information messages added to Expected Sequences	Nokia	Revised
GP-041182	CR 51.010-1-2251 rev 1 CR 51.010-1 sections 47.3.1.2 and 47.3.1.3.1: GPRS Information messages added to Expected Sequences	Nokia	Approved
GP-040925	CR 51.010-1-2252 CR 51.010-1 sections 47.3.2.2 and 47.3.3.1.2: Changes to Expected Sequences	Nokia	Revised
GP-041183	CR 51.010-1-2252 rev 1 CR 51.010-1 sections 47.3.2.2 and 47.3.3.1.2: Changes to Expected Sequences	Nokia	Approved

Tdoc	Title	Source	Status
GP-040935	CR 51.010-1-2253 TC 13.16.2 Transmitter output power in GPRS multislot configuration	Siemens AG	Approved
GP-040953	CR 51.010-1-2254 section 21.8 & 21.9, TEI, Update on radio Access Network	Nokia	Withdrawn
GP-040996	CR 51.010-1-2255 Corrections to SNDCP test case 46.2.2.4.2	Motorola	Approved
GP-041013	CR 51.010-1-2256 Changes in the timing requirement for the testcase 20.22.22, 20.22.25, 20.22.26	SASKEN	Rejected
GP-041014	CR 51.010-1-2257 Changes in the testcase 20.22.23	SASKEN	Rejected
GP-041015	CR 51.010-1-2258 Changes in the timing requirement, conformance requirement for the testcase 20.22.30.1	SASKEN	Rejected
GP-041016	CR 51.010-1-2259 Changes in the timing and conformance requirement for the testcase 20.22.30.2	SASKEN	Rejected
GP-041017	CR 51.010-1-2260 Changes in the timing requirement of the testcase 20.22.5	SASKEN	Revised
GP-041168	CR 51.010-1-2260 rev 1 Changes in the timing requirement of the testcase 20.22.5	SASKEN	Approved
GP-041018	CR 51.010-1-2261 Changes in the specific message content of SI13 in testcases 42.1.2.1.14 to 42.1.2.1.18	SASKEN	Approved
GP-041019	CR 51.010-1-2262 42.2.5.1 – Correcting the specific message content for PACKET TIMESLOT RECONFIGURE, Addition of Default message content for PACKET POWER CONTROL/TIMING ADVANCE.	SASKEN	Approved
GP-041020	CR 51.010-1-2263 42.3.3.2.1 – Allowing MS to send optionally a PACKET CHANNEL REQUEST in step 12.	SASKEN	Rejected
GP-041021	CR 51.010-1-2264 42.3.3.2.2– Correcting the specific message content for PACKET TIMESLOT RECONFIGURE	SASKEN	Approved
GP-041022	CR 51.010-1-2265 42.4.2.2.1 – Changes in step 10 for addressing PACKET UPLINK ACK/NACK with valid RRBP	SASKEN	Approved
GP-041023	CR 51.010-1-2266 42.4.2.3.5 – Changes in the test procedure.	SASKEN	Withdrawn
GP-041024	CR 51.010-1-2267 Corrections to inter-RAT Cell Change Order Test Cases	SASKEN,MOTOROLA	Revised
GP-041122	CR 51.010-1-2267 rev 1 Corrections to inter-RAT Cell Change Order Test Cases	SASKEN,MOTOROLA	Approved

Tdoc	Title	Source	Status
GP-041025	CR 51.010-1-2268 Addition of new test cases for failure scenario of Inter-RAT cell change order procedure.	SASKEN	Rejected
GP-041026	CR 51.010-1-2269 42.7.2 - Changes in the name of the testcase and correction to the test sequence	SASKEN	Approved
GP-041027	CR 51.010-1-2270 46.1.2.2.2.3 -Modification to the Test comment.	SASKEN	Approved
GP-041028	CR 51.010-1-2271 46.1.2.3.2-Modification to the test step B6 (Conditional).	SASKEN	Approved
GP-041029	CR 51.010-1-2272 46.1.2.7.1-Modification to the Test Procedure details.	SASKEN	Approved
GP-041030	CR 51.010-1-2273 46.1.2.7.2-Modification to the Test sequence comment.	SASKEN	Approved
GP-041031	CR 51.010-1-2274 46.1.2.7.6 -Modification to the Test Procedure details.	SASKEN	Approved
GP-041034	CR 51.010-1-2275 52.3.3.2.1 – Allowing MS to send optionally a PACKET CHANNEL REQUEST in step 12.	SASKEN	Rejected
GP-041035	CR 51.010-1-2276 52.3.3.2.2 – Correcting the specific message content for PACKET TIMESLOT RECONFIGURE	SASKEN	Approved
GP-041036	CR 51.010-1-2277 53.1.1.3 and 53.1.2.3 – Correcting the specific message content for PACKET TIMESLOT RECONFIGURE	SASKEN	Rejected
GP-041037	CR 51.010-1-2278 52.3.3.3 - Editorial Change to step numbering and modifcation to the applicability of certain steps.	Anite	Approved
GP-041038	CR 51.010-1-2279 42.3.3.3 - Editorial Change to step numbering and modifcation to the applicability of certain steps.	Anite	Revised
GP-041129	CR 51.010-1-2279 rev 1 42.3.3.3 – Editorial Change to step numbering and modifcation to the applicability of certain steps.	Anite	Approved
GP-040639	CR 51.010-1-2280 Addition of signalling procedures to 14.10.1 and 14.10.2	Cingular Wireless, Racal Instruments	Approved
GP-041051	CR 51.010-1-2281 Removal of checks from testcases 46.2.2.1.3, 46.2.2.1.4 and 46.2.2.1.5.	Setcom	Withdrawn
GP-041061	CR 51.010-1-2282 44.2.2.1.7 "GPRS Detach / Accepted/ IMSI Detach"	Qualcomm	Approved

Tdoc	Title	Source	Status
GP-041104	CR 51.010-1-2283 T3330 is not being taken into account in one section 44 tests.	MCC	Withdrawn
GP-041169	CR 51.010-1-2284 Correction to Cell Reselection TC s	Motorola	Revised
GP-041184	CR 51.010-1-2284 rev 1 Correction to Cell Reselection TC s	Motorola	Approved
GP-041190	CR 51.010-1-2285 Correction to test case 20.22.2 Cell reselection in packet idle mode	Ericsson	Approved
GP-040582	CR 51.010-2-166 – New PICS/PIXIT, conditions and Test cases for NITZ/GPRS.	Wavecom	Revised
GP-041103	CR 51.010-2-166 rev 1 New PICS/PIXIT, conditions and Test cases for NITZ/GPRS.	Wavecom	Revised
GP-041174	CR 51.010-2-166 rev2 New PICS/PIXIT, conditions and Test cases for NITZ/GPRS.	Wavecom	Approved
GP-040614	CR 51.010-2-167 Changes in applicability table for AMR RF testcases	Siemens AG	Revised
GP-041173	CR 51.010-2-167 rev 1 Changes in applicability table for AMR RF testcases	Siemens AG	Approved
GP-040632	CR 51.010-2-168 Removal of 42.3.1.1.2 and 52.3.1.1.2	Melco Mobile Communication Europe	Revised
GP-041116	CR 51.010-2-168 rev 1 Removal of 42.3.1.1.2 and 52.3.1.1.2	Melco Mobile Communication Europe	Approved
GP-040667	CR 51.010-2-169 - Addition of a PICS parameter for Mobiles that SMS over EGPRS	Anite	Withdrawn
GP-040675	CR 51.010-2-170 60.2, 60.3 - Split Inter-System Handover high data rate test cases to separate GSM section	Anite	Revised
GP-041170	CR 51.010-2-170 rev 1 60.2, 60.3 – Split Inter-System Handover high data rate test cases to separate GSM section	Anite	Approved
GP-040688	CR 51.010-2-171 Modification of Applicability Table for testcase 53.1.2.19	Setcom	Approved
GP-040694	CR 51.010-2-172 New test case for Intersystem Change and Integrity Protection	Ericsson	Approved
GP-040734	CR 51.010-2-173 Correction of applicability table for TCs 20.22.8, 20.22.9, 42.1.2.1.8.2.2, 42.1.2.1.9.3	Rohde & Schwarz	Approved

Tdoc	Title	Source	Status
GP-040735	CR 51.010-2-174 PICS parameters for concatenated SMS required	Rohde & Schwarz	Approved
GP-040865	CR 51.010-2-175 Addition of supported power classes for GSM 850 terminal equipment	CETECOM	Approved
GP-040997	CR 51.010-2-176 Update of applicability of test case 46.2.2.4.2	Motorola	Approved
GP-041032	CR 51.010-2-177 Changing the name of the testcase 42.7.2 in the applicability table.	SASKEN	Approved
GP-041033	CR 51.010-2-178 51.010-2: Addition of new Inter-RAT Cell Change Order / Failure cases	SASKEN	Rejected
GP-041189	CR 51.010-2-179 TC 31.1.4.2 Normal Operation	Siemens	Approved
GP-040648	CR 51.010-3-022 26.6.x - Correction to TTCN handling of handover commands	Anite	Approved
GP-040649	CR 51.010-3-023 11.1.1 - Repeat indicator value sequential for successive selection is selected in the test case is a reserved value in R99.	Anite	Approved
GP-040650	CR 51.010-3-024 26.12.1 - During "speech full rate version 3", "Multi rate IE" has been included as the part of Channel Mode Modify message.	Anite	Approved
GP-040651	CR 51.010-3-025 26.11.2.2.2 - Sending Physical information before the handover access bursts.	Anite	Approved
GP-040652	CR 51.010-3-026 31.8.3.1 - Test step "+Checktree(C_RegPswd)" is not required in both GSM and PCS bands	Anite	Approved
GP-040653	CR 51.010-3-027 31.2.1.1.1, 31.2.1.2.2, 31.8.4.1 -	Anite	Withdrawn