THE Mobile Broadband Standard

Specification Groups

Click on any TSG or WG - in the chart below - to go to that Group's home page to find information on its elected officials, its meeting schedule, the Work Items and Specifications for which it is responsible, etc.

TSG Structure

Project Co-ordination Group (PCG)

TSG GERAN
GSM EDGE
Radio Access Network

- **GERAN WG1** Radio Aspects
- **GERAN WG2** Protocol Aspects
- **GERAN WG3** Terminal Testing

TSG RAN
Radio Access Network

- **RAN WG1** Radio Layer 1 spec
- **RAN WG2** Radio Layer 2 spec Radio Layer 3 RR spec
- **RAN WG3** Iub spec, Iur spec, Iu spec UTRAN O&M requirements
- **RAN WG4** Radio Performance Protocol aspects
- **RAN WG5** Mobile Terminal Conformance Testing

TSG SA
Service & Systems Aspects

- **SA WG1** Services
- **SA WG2** Architecture
- **SA WG3** Security
- **SA WG4** Codec
- **SA WG5** Telecom Management

TSG CT
Core Network & Terminals

- **CT WG1** MM/CC/SM (Iu)
- **CT WG3** Interworking with external networks
- **CT WG4** MAP/GTP/BCH/SS
- **CT WG6** Smart Card Application Aspects

RAN

3G systems should be based on new wide band, multimode, flexible radio access. This approach will ensure that systems based on 3GPP specifications will be capable of rapid development and deployment of competitive service offerings while still enabling global roaming.

TSG Radio Access Network (TSG RAN) is responsible for the definition of the functions, requirements and interfaces of the UTRA/E-UTRA network in its two modes, FDD & TDD. More precisely: radio performance, physical layer, layer 2 and layer 3 RR specification in UTRAN/E-UTRAN; specification of the access network interfaces (Iu, Iub, Iur, S1 and X2); definition of the O&M requirements in UTRAN/E-UTRAN and conformance testing for User Equipment and Base Stations...more

SA

The TSG Service and System Aspects (TSG-SA) is responsible for the overall architecture and service capabilities of systems based on 3GPP specifications and, as such, has a responsibility for cross TSG co-ordination...more

GERAN

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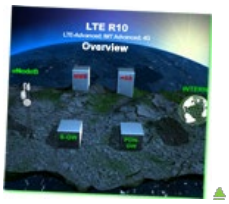
Statistics

10240 unique visitors average per day

331 connected visitors

Tutorial



Sub-sections

- CT Plenary
- GERAN Plenary
- RAN Plenary
- SA Plenary
- Working Procedures
- Delegates Corner
- E-mail exploder lists

LG Elecs. Ex. 1052
LG Elecs. v. Pantech Corp.
IPR2023-01273 Page 1

Operators of GSM/GPRS systems need a strategy for future growth and interoperability, the evolution of GSM/EDGE radio access technologies offers such a path. TSG GERAN is responsible for the specification of the Radio Access part of GSM/EDGE...more

CT

The TSG Core Network and Terminals (TSG CT) is responsible for specifying terminal interfaces (logical and physical), terminal capabilities (such as execution environments) and the Core network part of 3GPP systems...more

Historical Information (Incl. Closed groups)

The original specification work started in 1987, with the first Phase of GSM specifications. If you have an ETSI On-Line account (ETSI Members), you can access the ETSI Technical Committee SMG documents (including Change Requests) via the On-line archive. For past & present 3GPP group's meeting documents (including Change Requests) choose the appropriate Technical Specification Group's (...)

» (...more)

TSG Working Agreements

"Working Agreements" are tentative decisions reached by 3GPP groups in order to make progress on matters where consensus [1] cannot be reached. See the 3GPP Working Procedures, article 25. See document PCG20_04 (slides 4 & 5) for further background information. To propose additions to this page: 3GPPcontact@3gpp.org. Only working agreements explicitly documented in meeting reports (...)

» (...more)

email lists

3GPP E-mail Exploder Lists

A full list of the 3GPP email exploder lists is available at http://list.3gpp.org/ This also contains all the ETSI exploder lists, however the majority of the 3GPP lists are located right at the top. In order to subscribe to any of these lists please scroll down until you find the list you are interested in, click on the link and follow the simple instructions. Those delegates who already (...)

» (...more)

Uniform Resource Name (URN) list

Uniform Resource Name values maintained by 3GPP: The tables below list URNs registered by 3GPP. Applications for new entries must be made via email to the TSG CT WG1 Secretary. Applications must contain: a proposal for the URN value; a brief description of its functionality; a reference to the specification or other publicly available document (if any) containing the definition; the (...)

» (...more)

OMA dependencies and overlaps

The table below shows the 3GPP work items which have some dependency on or overlap with work being carried on within the Open Mobile Alliance. It is intended to help manage the relationship between OMA and 3GPP.

Only areas where 3GPP has agreed to use OMA outputs are included. There may be other areas of dependency and overlap on which 3GPP agreement has not yet been reached. Only high-level relationships (mainly at the "feature" level) are listed.

» (...more)

3GPP Plenary Meetings

Full Meeting Calendar

GERAN Plenary #50 - USA (City TBD) - From 16 to 20 May
RAN / CT / SA Plenary #52 - Bratislava - From 31 May to 8 June

Releases

About Releases

Release 11
Release 10

Keywords (LTE, HSPA, EDGE, etc)

Browse Technologies

eCall specifications set to save lives
Conformance Testing (UE)

Release 9

Release 8

Release 7

Release 6

Release 5

Release 4

Release 1999

Functionality in early GSM releases

UMTS

GPRS & EDGE

HSPA

IMS

LTE-Advanced

LTE

W-CDMA

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