

Source: Secretary

Title: Proposed revised terms of reference for TSG RAN

Agenda item: 5.3

Document for:

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|-------------|---|
| Decision | X |
| Discussion | |
| Information | |

1 Introduction

The report from the ad hoc group on the movement of GSM radio into 3GPP recommends that if it is decided to transfer the GSM work, then it would best be accommodated in a new Technical Specification Group (TSG) called GERAN (GSM/EDGE Radio Access Network) [3GPP/OP#3(00)06]. Furthermore, such a move would require some minor changes to the Terms of Reference of TSG RAN in order to maintain consistency.

The Organizational Partners have agreed by email correspondence to the principles of transferring the work and of creating a new TSG.

The Organizational Partners should now approve the proposed revised Terms of Reference for TSG RAN annexed to this document.

DRAFT TERMS OF REFERENCE - RADIO ACCESS NETWORK Technical Specification Group

Background

Third generation mobile 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.

Terms of reference

The technical specification development work within 3GPP is accomplished by Technical Specification Groups (TSGs) according to the principles and rules contained in the Project reference documentation (Partnership Project Description, Partnership Project Agreement, Partnership Project Working Procedures).

In particular the TSGs report to the Project coordination Group (PCG), and may organize their work in Working Groups and liaise with other groups as appropriate.

Each TSG has the responsibility to develop, approve and maintain the specifications within its terms of reference.

The TSG Radio Access Network (TSG-R) is responsible for the UTRAN, including its internal structure, [of systems based on 3GPP specifications].

Specifically it has a responsibility for:

- Radio aspects of Terminal Equipment and UTRAN functions (FDD & TDD), requirements and interfaces. Management of work items placed under its responsibility.

More specifically, TSG-R will address the following areas of work:

- Radio Layer 1 specification;
- Radio Layer 2 specification;
- Radio Layer 3 RR specification;
- Iub specification (including logical O&M);
- Iur specification;
- Iu specification;
- UTRAN O&M requirements;
- Transport of implementation specific O&M between the Management System and node B
- Conformance test specifications for testing of all aspects of base stations;
- Specifications for radio performance and RF system aspects.
- ***Liaising with other TSGs, in particular TSG SA, to ensure overall co-ordination.***

Glossary of terms

| | |
|---------------------|---|
| CN | Core Network |
| FDD | Frequency Division Duplex |
| <u>GERAN</u> | <u>GSM EDGE Radio Access Network</u> |
| IP | Internet Protocol |
| O&M | Operations and Maintenance |
| QoS | Quality of Service |
| RR | Radio Resource |
| TDD | Time Division Duplex |
| UE | User Equipment |
| USIM | Universal Subscriber Identity Module |
| UTRAN | Universal Terrestrial Radio Access Network |
| Node B | see TS 25.401 |
| VHE | Virtual Home Environment |