| Doc For | TSG SA | TSG CN | TSG RAN | TSG T |
|---|---|---|---|---|
| **Decision** | | | | X |
| **Discussion** | | | | X |
| **Information** | X | X | X | |

**Agenda Item:**    16

**Source:**    Ericsson

**Title:**    Organisation Structure and Start-up of the Terminals TSG

**Document for:**

_____

# 1        INTRODUCTION

It is important that the organisational structure of the Terminals TSG gives the opportunity to finalise the Terminals specifications in time. Further, to avoid a long transition time from the existing standardisation organisation to the 3GPP organisation it is important that the 3GPP Terminals TSG can agree on a working group organisation of the Terminals TSG to allow for a quick start of the technical work in the 3GPP Terminals TSG.

In this paper we propose a working group structure of the Terminals TSG. Further, for each working group we propose a set of specifications for which the working groups are responsible for the progress, production and maintenance.

In some cases it may be useful to create temporary ad hoc groups to solve technical issues. Therefore we propose that it should be easy to create temporary ad hoc groups within a working group, between working groups and between TSGs.

In the paper we also propose a meeting schedule for the start-up of the working groups meetings.

# 2        PROPOSED ORGANISATION FOR TERMINALS TSG

## 2.1        Overview

The following Working Groups (WG) are proposed to be established under the Terminals TSG:
- WG T1 – Mobile Terminal Conformance Testing
- WG T2 – Mobile Terminal Execution Environment
- WG T3 – Mobile Terminal-UIM Interface

It is very important that Ad Hoc (AH) groups can be established when needed. These AH groups should not be defined from the beginning but rather established as the work progresses. Creation of AH groups should be viewed as an efficient way to discuss certain detailed topics in smaller groups that report back their

findings to TSG/WG. It should further be encouraged to establish joint activity AH groups to take care of items that are cross-coupled between groups.

## 2.2 Specifications in the Terminals TSG Working Groups

The suggestion is to use applicable parts of the present SMG4, SMG7 and SMG9 structure and description as a basis for further work. Material available from ARIB/TTC, TTA and T1 is to be mapped under the appropriate corresponding chapters. All text will thereafter have to be agreed upon on a chapter by chapter basis.

The different specification documents are below mapped onto the proposed WGs. Note that also the Terminals TSG may be assigned a responsibility for certain documents.

**Terminals TSG**

It is foreseen that the Terminals TSG most likely will have a direct responsibility for certain documents/specifications. No specifications from the document SMG4, SMG7 and SMG9 baseline have however been identified for the TSG itself at this stage.

**WG T1 – Mobile Terminal Conformance Testing**

With the proposal from Tdoc TSG#1(98)027, Section 2.1, as a basis for the document structure, the scope for Mobile Terminal Conformance Testing is to supplement the UMTS core specification in its objectives to provide for the interworking and interoperability of terminal equipment independent of the supplier of the equipment.

The UMTS-terminal-conformance-specification should cover the essential radio, interworking and interoperability aspects. It is also important that the internal test loops required to perform these essential tests are properly specified.

**WG T2 – Mobile Terminal Execution Environment**

With the proposal from Tdoc TSG#1(98)027, Section 2.2, as a basis for the document structure, the scope for Mobile Terminal Execution Environment is to provide a model/framework and specifications for terminal interfaces and service (application) execution environments together with specifications for service capability protocols, messaging and services end-to-end interworking.

The Mobile Terminal Execution Environment framework should include specifications covering all essential requirements to allow for services and applications interoperability over both Mobile Terminal interfaces and execution environments independent of the equipment supplier.

**WG T3 – Mobile Terminal-UIM Interface**

With the proposal from Tdoc TSG#1(98)027, Section 2.3, as a basis for the document structure, the scope for the MT-UIM group is to specify requirements on the interface between the Mobile Terminal and the User Identity Module as well as requirements on the UIM.
The interface concept involves all types of communication between the Mobile Terminal and the UIM.
The UIM concept contains requirements on the file structure, access parameters, access levels, security

algorithms, ciphering algorithms, physical characteristics and functionality of the UIM. Interaction between the UIM and other units will also be specified.

# 3        FIRST MEETINGS

Within today's SMG STCs, the strongest focus on mobile terminals is found in SMG4. SMG4 has a series of meetings booked already, some of them already with a sponsor assigned. Our proposal is to keep these and use them for 3GPP – Terminals TSG meetings in order to get the Terminals TSG running in an organised and efficient manner. If considered appropriate, WG meetings of the Terminals TSG could also be run in co-ordination not only with SMG4 but also SMG7 and SMG9.

SMG4 meetings for 1999 are as follows:
1)        March 1-4
2)        June 1-4
3)        September 20-24

In addition to the SMG4 meetings the Terminals TSG meetings are proposed to be held on a rotational basis in those countries involved in the specification work (European countries, Japan, Korea, and USA).

# 4        CONCLUSIONS

In conclusion we propose that:

- The organisational structure of Terminals TSG is based on specification structure and divided into three working groups. The possibility to create Ad Hoc groups whenever needed is encouraged as a method to progress efficiently.

- Applicable parts, as described above, of the present specification structure in SMG4, SMG7 and SMG9 are used as the basis for the Terminals TSG.

- The content from the applicable SMG4, SMG7 and SMG9 specifications, as described above, are used as the basis and that material from other sources (ARIB, TTC, TTA, T1) is incorporated into each document and chapter, and then discussed.

- The present meeting schedule for SMG4 is used for Terminals TSG meetings and an additional meetings schedule on rotational basis is started.