

Brief report of the GSM 11.11 group

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The meeting reviewed Tdoc TSGT3#1(99)026, with the help of the Nokia delegate.

It was clarified that the requirement addressed by this document was for the case where a dual-technology UMTS mobile (UMTS-GSM) required access to a GSM network. The document identifies which GSM 11.11 files and procedures are needed to be provided in a USIM in order to facilitate GSM access, when roaming, or handing over from a UMTS access technology, to a GSM technology network.

In section 3 of the document, which contains files that are identified as not being mandatory, but that should be present in most cases, it is also indicated that certain files should NOT be in the DF_{TELECOM} directory, as they are more subscription related; these are identified as the EFs FDN, SMS, SMSP, SMSS, SDN, BDN and ETX2-4. It was noted that EF_{ADN} should be listed in this section, but that it, and its linked files EF_{EXT1} and EF_{CCP} should be in the TELECOM DF.

The meeting then reviewed, at a high level, GSM 11.11, to establish which sections of GSM 11.11 should be defined/retained in a new standard. In summary, the group agreed the following;

Sections 4 (Physical characteristics) and 5 (Electronic signals and transmission protocols) to be removed, however, a reference to the new document containing the equivalent sections must be included.

Section 6 (Logical Model); to be included, noting that there were almost certain to be changes, and additions.

Section 7 (Security features); to be included with additions and changes to reflect perhaps differing key lengths, and other UMTS security related issues.

Section 8 (Description of the functions); with possible additions and deletions.

Section 9 (Description of the commands); linked very closely with Section 8, and again with possible additions and deletions.

Section 10 (Contents of the Elementary Files (EF)); with additions and deletions; there are certainly to be access technology related EFs, and EFs for new functionality such as saving Call Detail Records, incoming and outgoing.

Section 11 (Application protocol); the procedures and behaviours will be modified and/or reduced as necessary.

It was also commented that the procedures contained in Annex C with regard to the FDN/BDN services should be substantially re-thought, as these are very difficult to interpret.