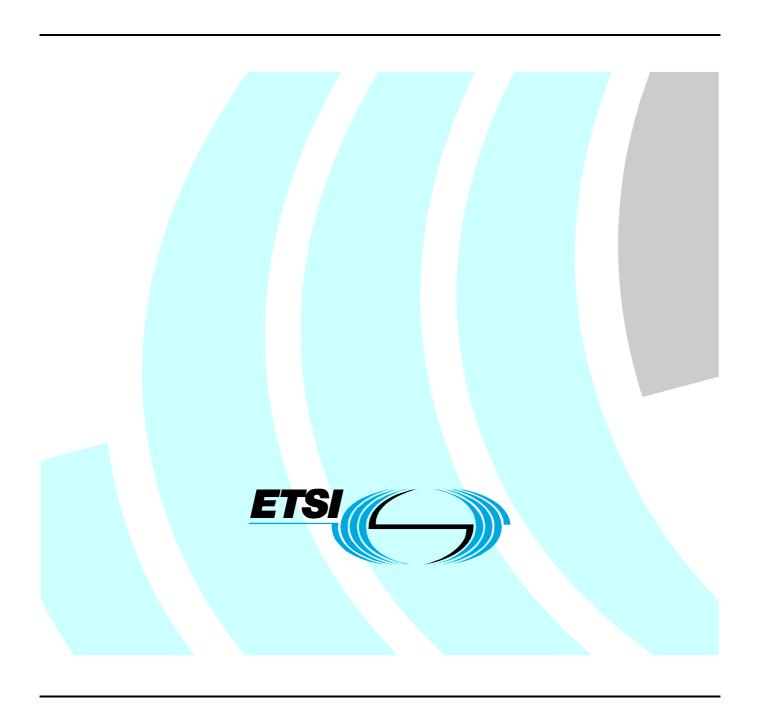# ETSI TS 101 220 V7.13.0 (2010-04)

*Technical Specification*

**Smart Cards;
ETSI numbering system
for telecommunication application providers
(Release 7)**

Reference

RTS/SCP-T070653r3

Keywords

GSM, ID, smart card, UMTS

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# Contents

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# Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Smart Card Platform (SCP).

The contents of the present document are subject to continuing work within TC SCP and may change following formal TC SCP approval. If TC SCP modifies the contents of the present document, it will then be republished by ETSI with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

x    the first digit:

0    early working draft;

1    presented to TC SCP for information;

2    presented to TC SCP for approval;

3    or greater indicates TC SCP approved document under change control.

Y    the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

z    the third digit is incremented when editorial only changes have been incorporated in the document.

# 1 Scope

The scope and content of the present document is to be found in TS 101 220 (Release 8) [1].

# 2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- In the case of a reference to a TC SCP document, a non specific reference implicitly refers to the latest version of that document in the same Release as the present document.

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  - for informative references.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

## 2.1 Normative references

The following referenced documents are indispensable for the application of the present document. For dated references, only the edition cited applies. For non-specific references, the latest edition of the referenced document (including any amendments) applies.

[1] ETSI TS 101 220: "Smart Cards; ETSI numbering system for telecommunication application providers (Release 8)".

[2] to [25] Void.

## 2.2 Informative references

The following referenced documents are not essential to the use of the present document but they assist the user with regard to a particular subject area. For non-specific references, the latest version of the referenced document (including any amendments) applies.

[i.1] Void.

# Annex A (normative):
# Void

# Annex B (normative):
# Void

# Annex C (normative):
# Void

# Annex D (normative):
# Void

# Annex E (normative):
# Void

# Annex F (normative):
# Void

# Annex G (normative):
# Void

# Annex H (informative):
# Void

# Annex I (normative):
# Void

# Annex J (normative):
# Void

# Annex K (normative):
# Void

# Annex L (Informative):
# Void

# Annex M (informative): Change history

The table below indicates all changes that have been incorporated into the present document since it was placed under change control.

| Change history | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Date** | **Meeting** | **Plenary Doc** | **CR** | **Rev** | **Cat** | **Subject/Comment** | **Old** | **New** |
| 1997-10 | | | | | | TC ICC published version 1.2.1. The on-going maintenance of this deliverable was subsequently transferred from TC ICC to TC SMG when TC ICC was closed in early 1998. | | 1.2.1 |
| 1998-10 | SMG #27 | 98-0673 | | | B | Addition of normative annex C, introducing AID coding for GSM and Toolkit Applications. | 1.2.1 | 1.3.0 |
| 1999-09 | SMG #29 | P-99-415 | | | B | Addition of normative annex D, introducing AID coding for SIM Toolkit packages. | 1.3.0 | 1.4.0 |
| 2000-05 | SMG #31 | P-00-142 | | | F | Alignment of the AID allocation procedure. | 1.4.0 | 3.0.0 |
| | | P-00-142 | | | B | Definition of an AID for TETRA. | | |
| | | | | | | NOTE: At SMG #31, it was agreed it would be more appropriate for the present document to be classified as an "ETSI Technical Specification" rather than an "ETSI Guide". This resulted in the deliverable number being changed from EG 201 220 (see bibliography) to the present document. Furthermore, to align the specification version numbering system with that of the 3GPP, the new version number became 3.0.0. | | |
| 2000-12 | SCP-03 | 9-00-0443 | | | F | Correction of the AID coding for the SIM API packages. | 3.0.0 | 3.1.0 |
| 2001-03 | SCP-05 | SCP-010137 | 007 | | B | Toolkit Application Reference (TAR) management. | 3.1.0 | 3.2.0 |
| | | SCP-010138 | 008 | | B | Incorporation of 3GPP AID specification. | | |
| 2001-07 | SCP-06 | SCP-010174 | 009 | | F | Clarification of the specification number of the application provider code in annex F. | 3.2.0 | 3.3.0 |
| 2001-10 | SCP-07 | SCP-010308 | 010 | | C | Allocation of new TAR values for Remote File Management. | 3.3.0 | 4.0.0 |
| 2001-12 | SCP-08 | SCP-010387 | 011 | | F | Correction to allocation of TAR values for "Remote File Management Applications" clause. | 4.0.0 | 4.1.0 |
| 2002-06 | SCP-10 | SCP-020156 | 012 | | B | Allocation of TAR values for the USAT Interpreter. | 4.1.0 | 5.0.0 |
| | | | 013 | | B | Addition of ISIM AID. | | |
| 2003-01 | SCP-12 | SCP-030060 | 016 | | D | Remove UICC as an abbreviation to align with 3GPP TR 21 905. | 5.0.0 | 6.0.0 |
| | | SCP-030077 | 014 | 2 | B | Definition of TLV Forms and TLV Tag Value Tables. | | |
| | | SCP-030081 | 015 | | B | Update of Statement of Scope. | | |
| 2003-05 | SCP-13 | SCP-030160 | 017 | | B | BER-TLV Tag Reservation for card application communication. | 6.0.0 | 6.1.0 |
| | | SCP-030112 | 018 | | B | Allocation of AID for the uicc.* packages. | | |

| Change history | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Date | Meeting | Plenary Doc | CR | Rev | Cat | Subject/Comment | Old | New |
| 2003-12 | | SCP-030410 | 019 | | D | Corrections on PIX and Application codes. | 6.1.0 | 6.2.0 |
| | | | 020 | | F | Modifying annex A from informative to normative. | | |
| | | | 021 | | B | Allocation of AID for the uicc.usim.* packages. | | |
| | | | 022 | | D | Correction of reference to TS 102 241. | | |
| | | | 024 | | F | Alignment of TS 101 220 with TS 102 226 and TS 31.116 Release 6 specifications. | | |
| | | SCP-030479 | 025 | | B | New Comprehension TLV Tag for IMEISV. | | |
| | | | 026 | | F | Alignments regarding tag 86. | 6.2.0 | 6.3.0 |
| | | | 029 | | F | Tag allocation for new comprehension TLV: Battery State. | | |
| | | | 030 | | B | Tag reservation for Browsing status event in CAT. | | |
| | | SCP-040033 | 032 | | B | Allocation of tags for Fill and Repeat Pattern. | | |
| | | SCP-040088 | 033 | | C | Removal of EIA/TIA-136 Tags. | | |
| 2004-05 | SCP#17 | SCP-040235 | 034 | | D | Transfer of the COMPREHENSION-TLV Tags from TS 102 223. | 6.3.0 | 6.4.0 |
| | | | 035 | | B | Allocation of new tag values for Expanded Remote Application data format. | | |
| 2004-09 | SCP#18 | SCP-040315 | 027 | 1 | B | Introduction of new tags for the frames in CAT. | 6.4.0 | 6.5.0 |
| | | | 036 | | B | New Tags for BER-TLV Efs. | | |
| | | SCP-040371 | 037 | | B | Allocation of new tag values for EAP. | | |
| | | SCP-040352 | 039 | | F | Tag reservation for 3GPP features. | | |
| 2004-11 | SCP#19 | SCPt040286 | 040 | 2 | | BER-TLV reservation for 3GPP feature. | 6.5.0 | 6.6.0 |
| | | SCPt040272 | 041 | | | Clarification for non-specific references. | | |
| | | SCP-040470 | 043 | | | Alignments with TS 131 111. | | |
| | | SCPt040300 | 042 | | | Clarification of length coding for TLV. | 6.6.0 | 7.0.0 |
| | | SCPt040336 | 039 | | | Classification on List of allocated BER-TLV tag values. | | |
| 2005-01 | SCP#20 | SCPt040492 | 044 | | | New Tag for Introduction of MEID. | 7.0.0 | 7.1.0 |
| | | SCPt040582 | 045 | | | Addition of File Update Information tag. | | |
| | | SCP-050060 | 038 | 2 | | Allocation of TAR values for Expanded Remote Application data format. | | |
| 2005-05 | SCP#21 | SCPt050147 | 046 | | B | Tags for 3GPP MMS commands. | 7.1.0 | 7.2.0 |
| | | SCPt050121 | 047 | | F | Modifications due to revision of ISO/IEC 7816-4 series. | | |
| | | SCPt050166 | 048 | | B | Allocation of TAR values for ADF Remote File Management Applications. | | |
| 2005-09 | SCP#22 | SCP-050282 | 050 | 1 | B | Tags for MMS Toolkit commands. | 7.2.0 | 7.3.0 |
| 2005-12 | SCP#23 | SCPt050876 | 052 | | F | Correct reference to an annex. | 7.3.0 | 7.4.0 |
| | | SCPt050882 | 053 | | F | Cleaning of the specification. | | |
| | | SCP-050503 | 054 | | B | Reservation of Comprehension-TLV tags for 3GPP related to the new I-WLAN bearer in 3GPP. | | |
| 2006-03 | SCP#25 | SCP-060152 | 056 | | D | Removal of double quotes. | 7.4.0 | 7.5.0 |
| 2006-07 | SCP#26 | SCP-060244 | 055 | 2 | B | Addition of specific UICC environmental conditions tag. | 7.5.0 | |
| | | SCP-060253 | 059 | 1 | B | Addition of supported system command tag. | | |
| | | SCP-060289 | 060 | | B | Reservation of Application code for DVB CBMS KMS. | | 7.6.0 |
| 2006-09 | SCP#27 | SCP-060474 | 064 | 1 | F | Clarify 3GPP UICC AID. | 7.6.0 | |
| | | SCP-060466 | 062 | 1 | F | Correction of Terminal capability indication mechanism. | | |
| | | SCP-060486 | 066 | 1 | B | Tags for error responses for wrong TLVs. | | 7.7.0 |
| 2007-01 | SCP#29 | SCP-070018 | 061 | 2 | B | Addition of tag for the Extension of the number of logical channels. | 7.7.0 | |
| | | | 067 | | B | Introduction of an PIX coding for the ISIM API for Java Card™ TS 31.133. | | |
| | | SCP-070055 | 068 | 2 | B | Tags for Remote Management Actions. | | 7.8.0 |

| Change history | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Date** | **Meeting** | **Plenary Doc** | **CR** | **Rev** | **Cat** | **Subject/Comment** | **Old** | **New** |
| 2007-05 | SCP#30 | SCP-070133 | 069 | 1 | B | Allocation of TAR values for the OMA SCWS and administrative agent. | 7.8.0 | |
| | | SCP-070175 | 063 | 1 | B | Modification of tags for RFM with script chaining. | | 7.9.0 |
| 2007-07 | SCP#31 | SCP-070275 | 065 | 4 | B | Tags for Launch Application feature. | 7.9.0 | 7.10.0 |
| 2007-08 | SCP#32 | SCP-070315 | 070 | - | C | Reservation of Tag values for 3GPP. | 7.10.0 | 7.11.0 |
| 2007-10 | SCP#33 | SCP-070422 | 072 | - | B | Addition of support for the UICC-CLF interface. | 7.11.0 | 7.12.0 |
| 2010-03 | SCP#44 | SCP(10)0096 | 095 | - | F | Creation of empty specification referencing the next Release (TS 101 220 Rel-8) | 7.12.0 | 7.13.0 |

# History

| Document history | | |
|---|---|---|
| V7.0.0 | December 2004 | Publication |
| V7.1.0 | April 2005 | Publication |
| V7.2.0 | July 2005 | Publication |
| V7.3.0 | September 2005 | Publication |
| V7.4.0 | January 2006 | Publication |
| V7.5.0 | May 2006 | Publication |
| V7.6.0 | August 2006 | Publication |
| V7.7.0 | October 2006 | Publication |
| V7.8.0 | February 2007 | Publication |
| V7.9.0 | July 2007 | Publication |
| V7.10.0 | August 2007 | Publication |
| V7.11.0 | October 2007 | Publication |
| V7.12.0 | February 2008 | Publication |
| V7.13.0 | April 2010 | Publication |