3GPP TSG-T (Terminals) Meeting #9
Hawaii, USA, 20 - 22 September, 2000

Tdoc TP-000153

Source: T3

Title: Change Request to TS 31.110 " Numbering system for telecommunication IC card applications"

Agenda item: 6.3.3

Document for: Approval

This document contains one change request to TS 31.110 v3.1.0 agreed by T3.

T3 Doc	Spec	CR	Rv	Rel	Subject
T3-000445	31.110	003	1	R99	Reservation of TAR values

3GPP T3 Meeting #15
San Diego, USA, 16 - 18 August, 2000

Tdoc T3-000445

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

31.110	CR	003rev1	Current Version:	3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	TSG-T #9	for approval	X	strategic		(for SMG use only)
list expected approval meeting # here ↑		for information		non-strategic		

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)* (U)SIM [X] ME [ ] UTRAN / Radio [ ] Core Network [ ]

Source: T3 **Date:** 17/08/00

Subject: TAR (Toolkit Application Reference) values reservation

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction	X
A	Corresponds to a correction in an earlier release	
B	Addition of feature	
C	Functional modification of feature	
D	Editorial modification	

Release:

Phase 2	
Release 96	
Release 97	
Release 98	
Release 99	X
Release 00	

Reason for change: Without the reservation of these values general application types cannot be specified. This could be used, for example, to indicate a particular format of M-Commerce transaction.

Clauses affected: 4.2, Annex C

Other specs affected:

Other 3G core specifications		→ List of CRs:
Other GSM core specifications		→ List of CRs:
MS test specifications		→ List of CRs:
BSS test specifications		→ List of CRs:
O&M specifications		→ List of CRs:

Other comments:

help.doc

<--------- double-click here for help and instructions on how to create a CR.

4.2 Proprietary application Identifier eXtension (PIX)

The PIX is used at the discretion of 3G and can contain between 7 and 11 bytes of information. The PIX is coded in hexadecimal. Hexadecimal digit 1 is the most significant digit.

Digit 1-4 3G application code.

- Purpose: To be used for identification of the standardized 3G card application. Different versions of an application may have individual codings.
- Management: Assigned by ETSI Secretariat on request from the 3G technical body responsible for the document in question.
- Coding: Hexadecimal. The coding indicates the 3G document that specifies the standardized 3G card application and the 3G PIX number. The correspondence between digits 1-4 and the 3G document in question can be seen in a list maintained by the ETSI Secretariat (see Annex A). Escape value '0000' is reserved for use by the ETSI Secretariat for proprietary 3G applications.

Digits 5-8 Country code

- Purpose: To indicate the country of the application provider of the 3G standardized application.
- Coding: According to ITU Recommendation E.164 [3]. The coding is right justified and padded with 'F' on the left.

NOTE: List of actual country codes is published by ITU.

Digits 9-14 Application provider code

- Purpose: Individual code for the application provider of the 3G standardized application.
- Coding: According to ITU Recommendation E.118 [4]. Hexadecimal. The coding is right justified and padded with 'F' on the left.

Digits 15 up to 22 Application provider field. Optional. Up to 8 digits.

- Purpose: ~~The use of this field is entirely up to the application provider . It~~ This field may, for instance, be used to indicate "local" versions, revisions, etc. of the 3G standardized application. According to ISO/IEC 7816-5 [2], if the AID is 16 bytes long, then the value 'FF' for the least significant byte (digits 21 and 22) is reserved for future use.
- Management: Application provider.
- Coding: Hexadecimal.

Digits 1 to 14 are assigned and registered by the ETSI Secretariat upon request by the responsible 3GPP Working Group.

Annex C (Normative): Coding of the PIX for 3G USIM Toolkit applications

The following codings apply for the structure of the PIX when the application is a 3G USIM Toolkit Application.

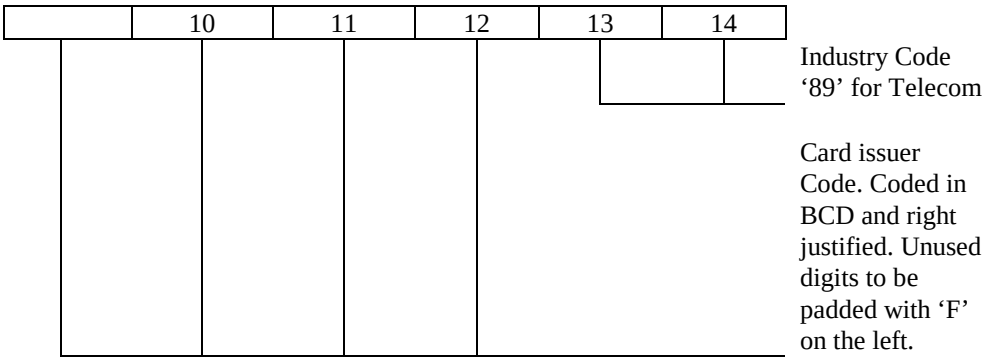
- Digit 1-4: 3G application code.
- Coding: As specified in clause 4.2 of this document, and as shown in Annex A.

Digits 5-8: Country code.

- Coding: As specified in clause 4.2 of this document.

Digits 9-14: Application provider code.

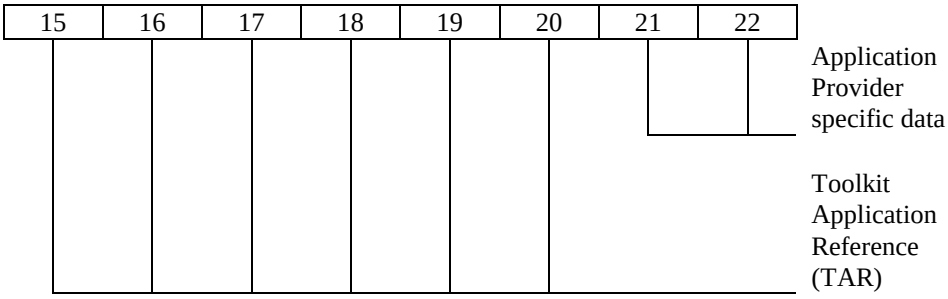
- Coding: As defined below.



Card issuer code and Industry code are coded in line with ITU-T recommendation E.118 [3].

Digits 15 up to 22: Application provider field. 8 digits.

- Coding: Hexadecimal, as defined below.



- Toolkit Application Reference as specified in GSM 03.48 [11], is managed by the application provider (i.e. operator in that case) except for -TAR values beginning with hexadecimal value 'B' (most significant bits of digit 15) which are reserved for future use by the 3GPP and the TAR value '000000' which is reserved for the card manager (see GSM 03.48 [11]) .
- Application Provider specific data: For application administration purposes.