

**Source:** T3

**Title:** CR to TR 31.900: SIM/USIM internal and external interworking

**Document for:** Approval

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This document contains the following change request:

T3-Doc	Spec	CR	Rev	Cat	Phase	Subject	Version-Current	Version-New	WI
T3-030117	31.900	009	-	F	Rel-5	Addition of clarifying notes to SIM/USIM File Mapping Table	5.1.0	5.2.0	TEI

## CHANGE REQUEST

# **31.900 CR 009** # rev **-** # Current version: **5.1.0** #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	# Clarifying notes to SIM/USIM File Mapping Table		
<b>Source:</b>	# T3		
<b>Work item code:</b>	# T3	<b>Date:</b>	# 13/02/2003
<b>Category:</b>	# <b>F</b>	<b>Release:</b>	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)		2 (GSM Phase 2)
	<b>A</b> (corresponds to a correction in an earlier release)		R96 (Release 1996)
	<b>B</b> (addition of feature),		R97 (Release 1997)
	<b>C</b> (functional modification of feature)		R98 (Release 1998)
	<b>D</b> (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

<b>Reason for change:</b>	# 1. EF-MSISDN in SIM and USIM use different extension files (EXT1 in SIM, EXT5 in USIM) and thus cannot be mapped if these files are used. 2. EF-LOCIGPRS in SIM and EF-PSLOC1 in USIM as well as EF-EXT4 in SIM and USIM have different file identifiers, which must be taken into account when mapping these files. 3. The content "FF" in EF-CMI has a different meaning in SIM ("FF" = Default Method) and USIM ("FF" = empty field). Thus mapping is only possible if the content "FF" is not used.
<b>Summary of change:</b>	# Three notes are added to the File Mapping Table in Annex C
<b>Consequences if not approved:</b>	# File Mapping Table may be incorrectly interpreted

<b>Clauses affected:</b>	# Annex C						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	#	X	Other core specifications	#
Y	N						
#	X						
	#	Test specifications	#				
	#	O&M Specifications	#				
<b>Other comments:</b>	#						

## Annex C: SIM/USIM file mapping table

The following table lists all SIM and USIM files that can be mapped in a UICC. It should be noted that most files are optional and these files are not necessarily present in the SIM or USIM application. Files not mentioned do not have a corresponding file in both applications. Mapping with multiple USIMs is not considered.

SIM Application DF / EF	USIM Application DF / EF	Mapping possible	
		single subscription UICC	double subscription UICC
GSM / IMSI	USIM / IMSI	yes	no
GSM / HPLMN	USIM / HPLMN	yes	yes, 1)
GSM / ACM	USIM / ACM	yes	yes, 1)
GSM / ACMmax	USIM / ACMmax	yes	yes, 1)
GSM / PUCT	USIM / PUCT	yes	yes, 1)
GSM / GID1	USIM / GID1	yes	yes, 1)
GSM / GID2	USIM / GID2	yes	yes, 1)
GSM / SPN	USIM / SPN	yes	yes, 1)
GSM / CBMI	USIM / CBMI	yes	
GSM / CBMIR	USIM / CBMIR	yes	
GSM / CBMID	USIM / CBMID	yes	yes, 1)
GSM / ACC	USIM / ACC	yes	no
GSM / FPLMN	USIM / FPLMN	yes	yes, 1)
GSM / LOCI	USIM / LOCI	yes	
GSM / LOCIGPRS	USIM / PSLOCI	yes, 5)	
GSM / AD	USIM / AD	yes	
GSM / eMLPP	USIM / eMLPP	yes	yes, 1)
GSM / AAeM	USIM / AAeM	yes	yes, 1)
GSM / DCK	USIM / DCK	yes	yes, 1)
GSM / CNL	USIM / CNL	yes	yes, 1)
GSM / PLMNwACT	USIM / PLMNwACT	yes	
GSM / OPLMNwACT	USIM / OPLMNwACT	yes	yes, 1)
GSM / HPLMNwACT	USIM / HPLMNwACT	yes, 3)	
GSM / RPLMNACT	USIM / RPLMNACT	no	
GSM / SUME	TELECOM / SUME	yes	
GSM / Kc	USIM / GSM / Kc	yes	no
GSM / KcGPRS	USIM / GSM / KcGPRS	yes	no
GSM / CPBCCCH	USIM / GSM / CPBCCCH	yes	
GSM / INVSCAN	USIM / GSM / INVSCAN	yes	yes, 1)
GSM / PNN	USIM / PNN	yes	yes, 1)
GSM / OPL	USIM / OPL	yes	yes, 1)
GSM / MBDN	USIM / MBDN	yes	no
GSM / EXT6	USIM / EXT6	yes	no
GSM / MBI	USIM / MBI	yes	no
GSM / MWIS	USIM / MWIS	yes	no
GSM / CFIS	USIM / CFIS	yes	no
GSM / EXT7	USIM / EXT7	yes	no
GSM / SPDI	USIM / SPDI	yes	yes, 1)

TELECOM / SMS	USIM / SMS	yes	
TELECOM / SMSP	USIM / SMSP	yes	yes, 1)
TELECOM / SMSS	USIM / SMSS	yes	
TELECOM / SMSR	USIM / SMSR	yes	
TELECOM / SDN	USIM / SDN	yes	yes, 1)
TELECOM / FDN	USIM / FDN	yes	
TELECOM / BDN	USIM / BDN	yes	
TELECOM / CMI	USIM / CMI	yes, 6)	
TELECOM / MSISDN	USIM / MSISDN	yes, 4)	no
TELECOM / EXT2	USIM / EXT2	yes	
TELECOM / EXT3	USIM / EXT3	yes	yes, 1)
TELECOM / EXT4	USIM / EXT4	yes, 5)	
TELECOM / ADN	... / PHONEBOOK / ADN	yes, required, 2)	
TELECOM / EXT1	... / PHONEBOOK / EXT1	yes, required, 2)	
TELECOM / ECCP	... / PHONEBOOK / CCP1	yes, required, 2)	
GSM / MEXE / all files	USIM / MEXE / all files	yes	yes, 1)
GSM / SoLSA / all files	USIM / SoLSA / all files	yes	yes, 1)
<p>Note: 1) No mapping, if subscription specific differences are required  2) SIM file to be mapped with related USIM file either in DF PHONEBOOK under DF USIM or in DF PHONEBOOK under DF TELECOM  3) Only if the same settings apply to 2G and 3G operation  4) <u>No mapping of EF-MSISDN if EF-EXT1 is used in the SIM and / or EF-EXT5 is used in the USIM</u>  5) <u>Caution: Different file identifiers in SIM and USIM</u>  6) <u>No mapping if coding "FF" is used in the content</u></p>			