3GPP TSG-T plenary meeting #21 ***Tdoc TP-030178***
Frankfurt, Germany, 17-19 September 2003

Source: T3

Title: CRs to TS 51.011: Specification of the SIM ME Interface

Document for: Approval

This document contains the following change requests:

T3 Doc	Spec	CR	Rev	Rel	Subject	Cat	Version-Current	Version-New
T3-030630	51.011	024	-	Rel-4	Correction on EF_VBSS Coding	F	4.8.0	4.9.0
T3-030653	51.011	025	-	Rel-4	Correction to SMS	F	4.8.0	4.9.0

3GPP TSG-T3 Meeting #28
Marseille, France, 19.-22.08.2003

Tdoc ⌘T3- 030630

CR-Form-v7

CHANGE REQUEST

⌘ **51.011** **CR** **24** ⌘**rev** **-** ⌘ Current version: **4.8.0** ⌘

*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⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction on EF_VBSS Coding
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/08/03
Category:	⌘	**F**
Release:	⌘	Rel-4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Correction of the coding reference in description of EF_VBSS. Currently within the coding description of EF_VBSS the coding of EF_VGCS is referenced. This shall read EF_VGCSS.
Summary of change:	⌘	Changing the coding reference from EF_VGCS to EF_VGCSS.
Consequences if not approved:	⌘	Unclear coding of EF_VBSS.

Clauses affected:	⌘	10.3.23

Other specs affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm.
Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

10.3.20 EF_{VGCS} (Voice Group Call Service)

This EF contains a list of those VGCS group identifiers the user has subscribed to. The elementary file is used by the ME for group call establishment and group call reception.

Identifier: '6FB1'	Structure: transparent	Optional
File size: 4n bytes (n <= 50)	Update activity: low	

Access Conditions:

READ	CHV1
UPDATE	ADM
INVALIDATE	ADM
REHABILITATE	ADM

Bytes	Description	M/O	Length
1 to 4	Group ID 1	M	4 bytes
5 to 8	Group ID 2	O	4 bytes
:	:	:	:
(4n-3) to 4n	Group ID n	O	4 bytes

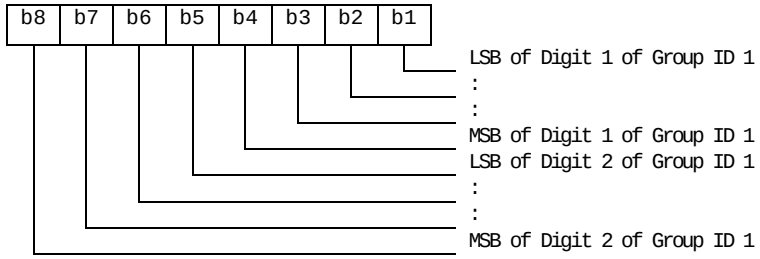
- Group ID

  Contents: VGCS Group ID, according to TS 23.003 [10]

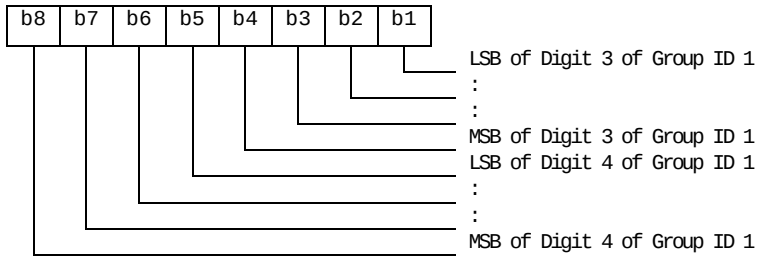
  Coding:

  The VGCS Group ID is of a variable length with a maximum length of 8 digits. Each VGCS Group ID is coded on four bytes, with each digit within the code being coded on four bits corresponding to BCD code. If a VGCS Group ID of less than 8 digits is chosen, then the unused nibbles shall be set to 'F'. VGCS Group ID Digit 1 is the most significant digit of the Group ID.

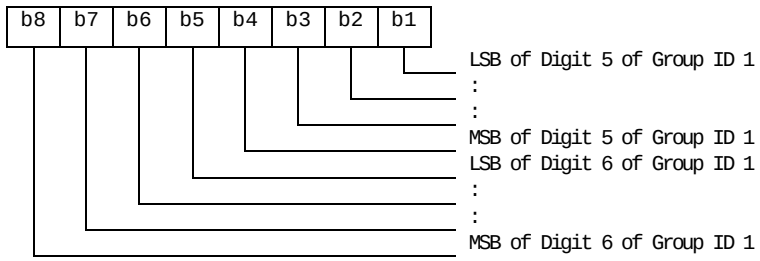
  Byte 1:



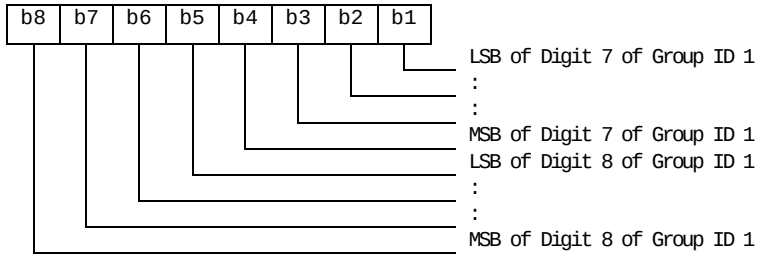
  Byte 2:



  Byte 3:

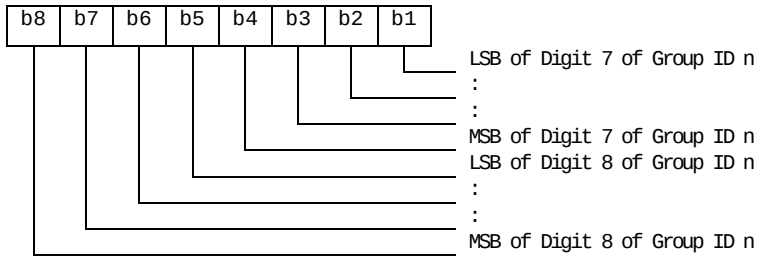


Byte 4:



:
: etc.....

Byte (4n-3) to 4n:



If storage for fewer than the maximum possible number *n* of VGCS Group IDs, is required, the excess bytes shall be set to 'FF'.

10.3.21 EF_{vgcss} (Voice Group Call Service Status)

This EF contains the status of activation for the VGCS group identifiers. The elementary file is directly related to the EF_{VGCS}. This EF shall always be allocated if EF_{VGCS} is allocated.

Identifier: '6FB2'	Structure: transparent	Optional
File size: 7 bytes	Update activity: low	
Access Conditions: READ CHV1 UPDATE ADM INVALIDATE ADM REHABILITATE ADM		

Bytes	Description	M/O	Length
1 to 7	Activation/Deactivation Flags	M	7 bytes

- Activation/Deactivation Flags

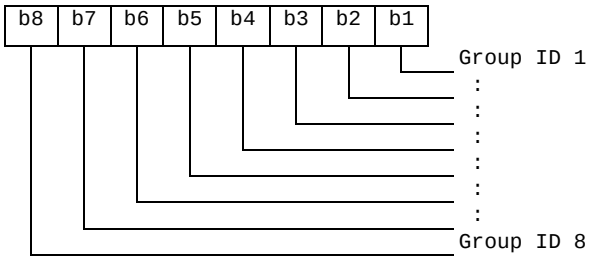
  Contents: Activation/Deactivation Flags of the appropriate Group IDs

  Coding:

  bit = 0 means - Group ID deactivated

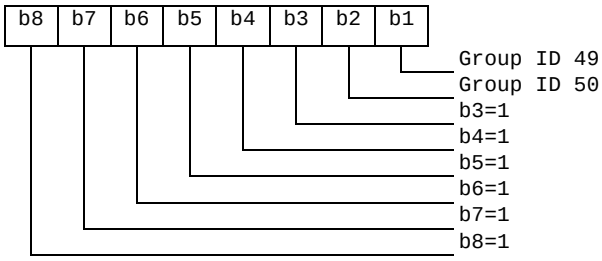
  bit = 1 means - Group ID activated

  Byte 1:



etc : : : : : : : :

Byte 7:



10.3.23 EF_{VBSS} (Voice Broadcast Service Status)

This EF contains the status of activation for the VBS group identifiers. The elementary file is directly related to the EF_{VBS}. This EF shall always be allocated if EF_{VBS} is allocated.

Identifier: '6FB4'	Structure: transparent	Optional
File size: 7 bytes	Update activity: low	
Access Conditions: READ CHV1 UPDATE ADM INVALIDATE ADM REHABILITATE ADM		

Bytes	Description	M/O	Length
1 to 7	Activation/Deactivation Flags	M	7 bytes

- Activation/Deactivation Flags

  Contents: Activation/Deactivation Flags of the appropriate Group IDs

  Coding:

  see coding of EF_{VGCSS}

3GPP TSG-T3 Meeting #28
Marseille, France, 19 – 22 August 2003

Tdoc ⌘T3-030653

CR-Form-v7

CHANGE REQUEST

⌘ **51.011** **CR** **025** ⌘**rev** **-** ⌘ Current version: **4.8.0** ⌘

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Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction to SMS
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	19/08/2003
Category:	⌘	**F**
Release:	⌘	Rel-4

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R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	To correct the conflict description between EF(SMS) and the procedure; status report requested, received but not stored in EF_{SMSR}.
Summary of change:	⌘	The conflict coding is revised.
Consequences if not approved:	⌘	The conflict coding is on the specification.

Clauses affected:	⌘	5.3.3			
Other specs affected:	⌘	**Y** / **N**	Other core specifications Test specifications O&M Specifications	⌘	
Other comments:	⌘				

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5.3.3 Short messages

- Requirement: Service n°10 "available".

- Request: The USIM seeks for the identified short message. If this message is found, the ME performs the reading procedure with EF_{SMS}.

- If service n°10 is "available" and the status of the SMS is '1D' (status report requested, received and stored in EF_{SMSR}), the ME performs the reading procedure with the corresponding record in EF_{SMSR}. If the ME does not find a corresponding record in EF_{SMSR}, then the ME shall update the status of the SMS with '15~~19~~' (status report requested, received but not stored in EF_{SMSR}).

- If the short message is not found within the USIM memory, the USIM indicates that to the ME.

- Update: The ME looks for the next available area to store the short message. If such an area is available, it performs the updating procedure with EF_{SMS}.

- If there is no available empty space in the USIM to store the received short message, a specific MMI will have to take place in order not to loose the message.

- Erasure: The ME will select in the USIM the message area to be erased. Depending on the MMI, the message may be read before the area is marked as "free". After performing the updating procedure with EF_{SMS}, the memory allocated to this short message in the USIM is made available for a new incoming message. The memory of the USIM may still contain the old message until a new message is stored in this area.

- If service n°11 is "available" and the status of the SMS is '1D' (status report requested, received and stored in EF_{SMSR}), the ME performs the erasure procedure for EF_{SMSR} with the corresponding record in EF_{SMSR}.