

**Title:** LS on an error discovered in TS 11.11 and TS 51.011

**Source:** T3

**To:** T

**Cc:**

**Contact Person:**

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**Tel. Number:** +44 1256 790 169  
**E-mail Address:** Nigel.Barnes@motorola.com

**Attachments:** Proposed CR to TS 11.11 and TS 51.011

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**1. Overall Description:**

During the recently held T3 plenary meeting, draft CRs were submitted which noted a potentially serious error in TS 11.11 Rel-99 and TS 51.011 Rel-4. It has been discovered that in section 10.3.40, (describing EF<sub>RPLMNACT</sub>), the file identifier is defined as "6F5F", whereas in sections 10.7, Annex D and Annex I (both annexes informative) in the specification, the file identifier is defined as "6F65". Section 10.7 sets out in tabular form the files that are to be found on the SIM, and examination of this section shows the value "6F65" to be more logical. In addition, this error is not found in TS 31.102, where the identifier "6F65" is also defined. This particular file was added in Rel-99.

So the potential issue is that implementers (both SIM and ME manufacturers) may have used either value in their implementations. During the T3 meeting, those members who could comment indicated their products used "6F65", however, this was clearly not an exhaustive poll.

The proposed CRs suggested to use the more "logical" value of 6F65: they were however, not approved.

**2. Actions:**

TSG-T3 seeks the advice of TSG-T in this matter.

**3. Date of next T3 Meetings:**

<b>T3#24</b>	20-23 Aug 2002	Seattle, Washington
<b>T3#25</b>	Nov 2002	Unknown

CR-Form-v4

## CHANGE REQUEST

⌘ **11.11 CR** ⌘ rev **-** ⌘ Current version: **8.6.0** ⌘

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

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘	The identifier of EF <sub>RPLMNACT</sub> (RPLMN Last used Access Technology) is inconsistent within the specification
<b>Source:</b>	⌘	SIEMENS
<b>Work item code:</b>	⌘	-
	<b>Date:</b>	⌘ 16.05.02
<b>Category:</b>	⌘	<b>F</b>
		Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.
	<b>Release:</b>	⌘ R99
		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘	The identifier of EF <sub>RPLMNACT</sub> (RPLMN Last used Access Technology) in chapter 10.3.40 is inconsistent with the chapters 10.7, AnnexD and Annex I in the specification
<b>Summary of change:</b>	⌘	Identifier of EF <sub>RPLMNACT</sub> changed from '6F5F' to '6F65' File identifier changed from EF <sub>RPLMNAT</sub> to EF <sub>RPLMNACT</sub> in chapter "Files of GSM"
<b>Consequences if not approved:</b>	⌘	Inconsistency of identifier EF <sub>RPLMNACT</sub> within the specification

<b>Clauses affected:</b>	⌘	10.3.40; 10.7
<b>Other specs affected:</b>	⌘	<input checked="" type="checkbox"/> Other core specifications ⌘ 51.011 <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
<b>Other comments:</b>	⌘	

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: [http://www.3gpp.org/3G\\_Specs/CRs.htm](http://www.3gpp.org/3G_Specs/CRs.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.

### 10.3.40 EF<sub>RPLMNACT</sub> (RPLMN Last used Access Technology)

This EF contains the last used access technology for the Registered PLMN, RPLMN. (see TS 23.122 [50]). This EF shall contain only one access technology.

NOTE: One access technology means that only one bit is set in the entire field.

If this EF does not exist on the SIM, then the MS shall assume that RPLMN access technology is GSM.

Identifier: '6F5F'6F65'		Structure: transparent		Optional
File size: 2+X bytes		Update activity: High		
Access Conditions:				
READ		CHV1		
UPDATE		CHV1		
INVALIDATE		ADM		
REHABILITATE		ADM		
Bytes	Description	M/O	Length	
1 to 2	Access Technology of RPLMN	M	2 bytes	
3 to 2+X	RFU	O	X bytes	

- Access Technology

Coding:

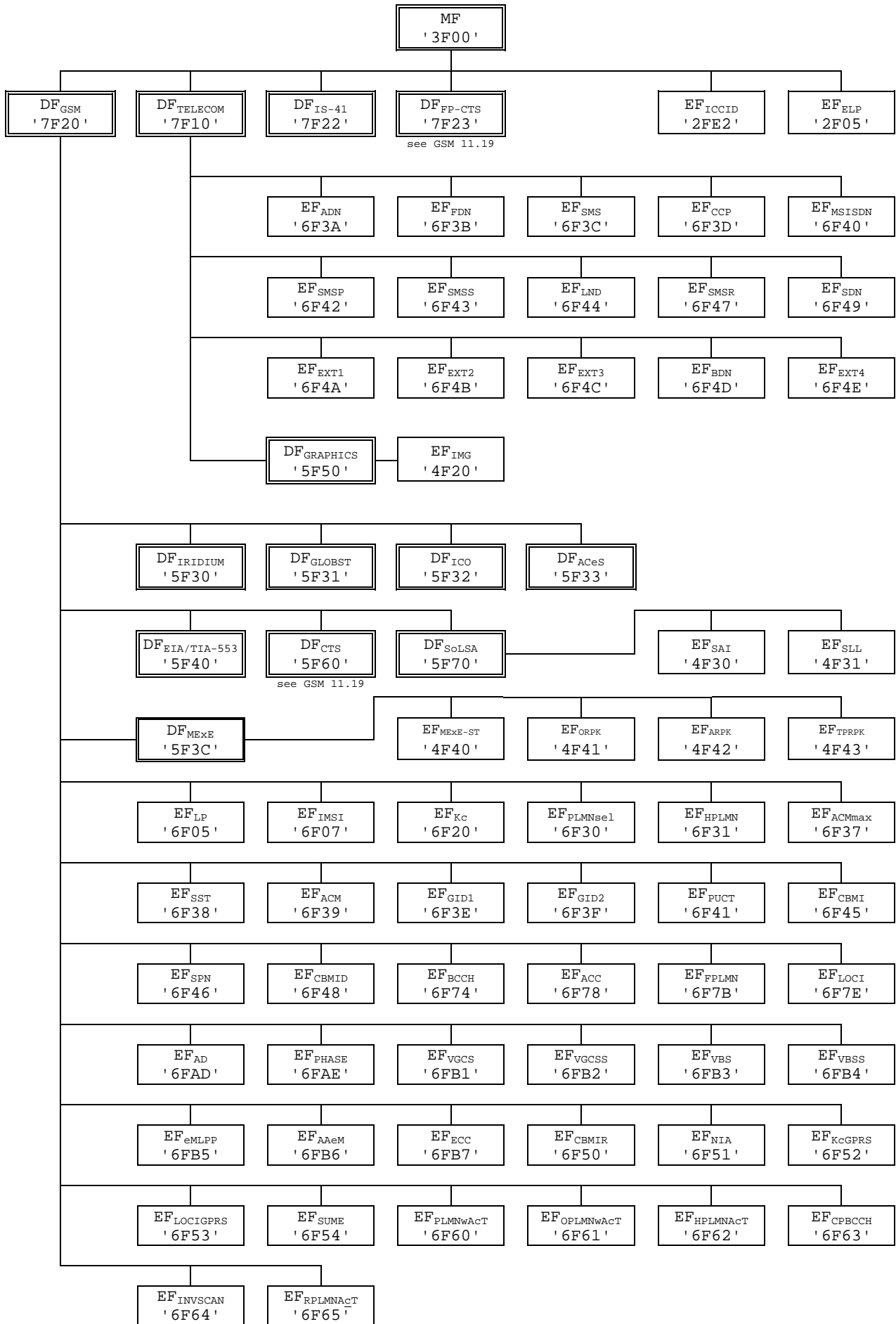
- See EF<sub>PLMNwACT</sub> for coding.

## 10.7 Files of GSM

This subclause contains a figure depicting the file structure of the SIM. DF<sub>GSM</sub> shall be selected using the identifier '7F20'. If selection by this means fails, then DCS 1800 MEs shall, and optionally GSM MEs may then select DF<sub>GSM</sub> with '7F21'.

NOTE 1: The selection of the GSM application using the identifier '7F21', if selection by means of the identifier '7F20' fails, is to ensure backwards compatibility with those Phase 1 SIMs which only support the DCS 1800 application using the Phase 1 directory DF<sub>DCS1800</sub> coded '7F21'.

NOTE 2: To ensure backwards compatibility with those Phase 1 DCS 1800 MEs which have no means to select DF<sub>GSM</sub> two options have been specified. These options are given in GSM 09.91 [17].



**Figure 8: File identifiers and directory structures of GSM**

CR-Form-v4

## CHANGE REQUEST

⌘ **51.011 CR** ⌘ rev **-** ⌘ Current version: **4.3.0** ⌘

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

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<b>Other comments:</b>	⌘		

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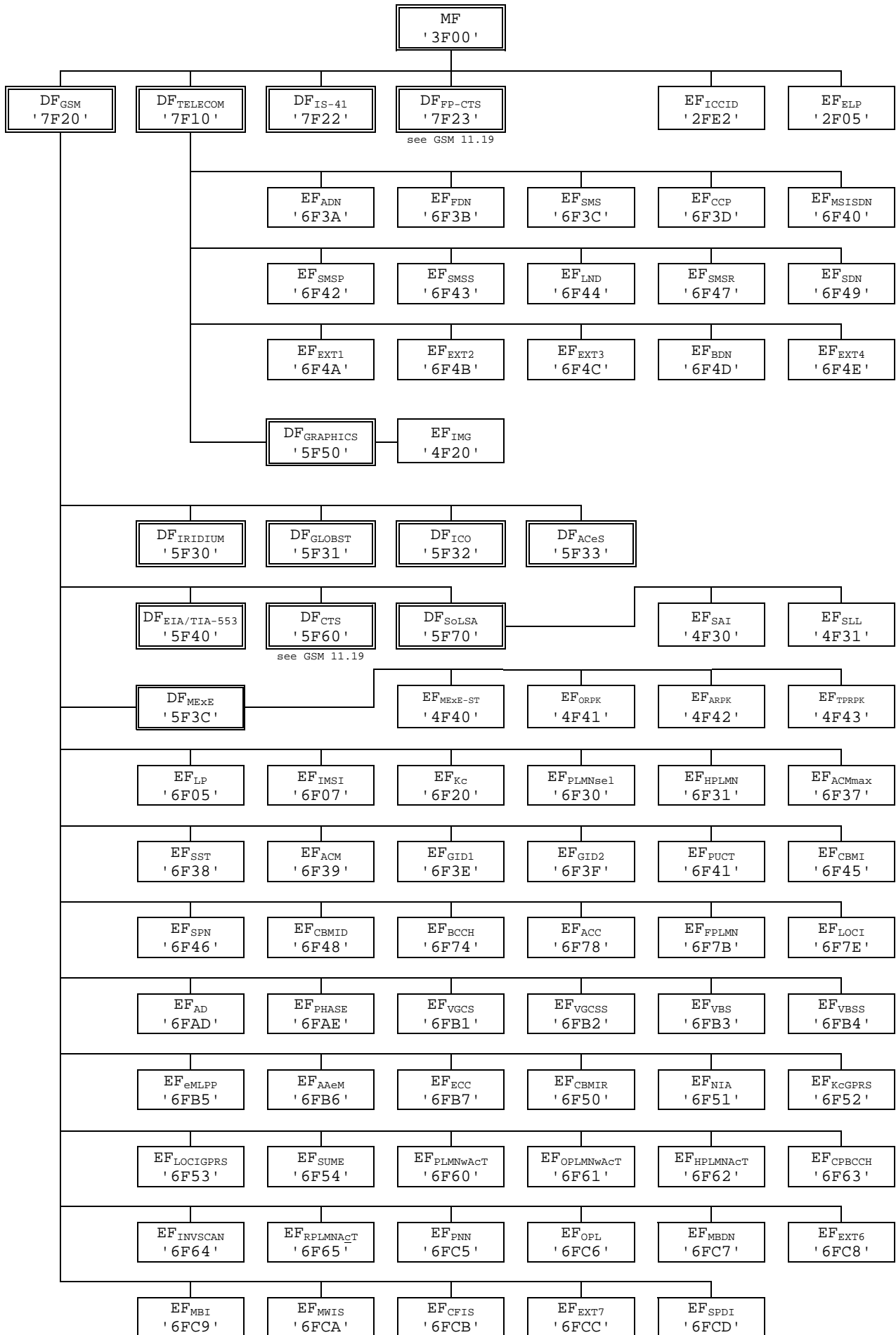
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