

**3GPP TSG CT Plenary Meeting #28**  
**1<sup>st</sup> – 3<sup>rd</sup> June 2005 Quebec, Canada.**

**CP-050100**

**Source:** TSG CT WG4

**Title:** Corrections on Work Item small Technical Enhancements and Improvements on MAP

**Agenda item:** 9.24

**Document for:** APPROVAL

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Doc-2nd-Level	Spec	CR #	Rev	Rel	Tdoc Title	CAT	C_Version
C4-050895	29.002	766	2	Rel-6	Clarification on the use of Access Restriction Data parameter	F	6.9.0

## CHANGE REQUEST

⌘ **29.002 CR 766** ⌘ rev **2** ⌘ Current version: **6.9.0** ⌘

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>	⌘ Clarification on the use of Access Restriction Data parameter		
<b>Source:</b>	⌘ Ericsson L.M.		
<b>Work item code:</b>	⌘ TEI5	<b>Date:</b>	⌘ 28/04/2005
<b>Category:</b>	⌘ <b>F</b>		<b>Release:</b> ⌘ Rel-6
	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 <a href="#">TR 21.900</a> .		Use <u>one</u> of the following releases: Ph2 (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) Rel-7 (Release 7)

<b>Reason for change:</b>	⌘ A Stand-alone ISD procedure is triggered from HLR whenever subscription data change. Only the modified subscription data are included in the message. The same applies for Access Restriction Data (ARD) parameter, meaning that it shall exist in a stand-alone ISD procedure only if changed otherwise it shall not.  It is not clear in the definition of the ARD parameter how this parameter is handled.
<b>Summary of change:</b>	⌘ Clarify that the ARD parameter shall be present in ISD message during location updating or restoration, and it is included during stand-alone ISD only if the contents have changed. Clarify that the ARD parameter shall not be present in an ISD message during a standalone ISD procedure if no change is made to this ARD data.
<b>Consequences if not approved:</b>	⌘ Useless data overhead during stand-alone ISD. Basic MAP procedure for stand-alone ISD violation. Ambiguity in the MSC on the feature status in the HLR.

<b>Clauses affected:</b>	⌘ 8.8.1.3						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
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<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
<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/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.

**\*\*\* First Modified Section \*\*\***

## 8.8 Subscriber management services

### 8.8.1 MAP-INSERT-SUBSCRIBER-DATA service

.....**.Omitted text**.....

#### 8.8.1.3 Parameter use

All parameters are described in clause 7.6. The following clarifications are applicable:

.....**.Omitted text**.....

##### Subscribed Charging Characteristics

This parameter refers to the Subscribed Charging Characteristics as defined in 3GPP TS 32.251.

For a detailed description of the use of the parameter, see 3GPP TS 32.251.

This parameter is used only by the SGSN and if the VLR receives this parameter it shall ignore it.

##### Access Restriction Data

This parameter indicates the allowed RAT according to subscription data. (see clause 7.6.3.96)

If the VLR/SGSN supports the Access Restriction feature but does not receive the Access Restriction Data parameter from the HLR [at location updating or restoration](#), the VLR/SGSN shall assume that the subscriber's profile does not have any restrictions enabled.

For a detailed description of the use of the parameter, see 3GPP TS 23.012[23] for CS domain and 3GPP TS 23.060[104] for PS domain.

##### User error

Only one of the following values is applicable:

- Unidentified subscriber;
- Data missing;
- Unexpected data value.

**\*\*\* Modification End \*\*\***