

**3GPP TSG CN Plenary Meeting #22**  
**10<sup>th</sup> – 12<sup>th</sup> December 2003 Maui, USA.**

**NP-030502**

**Source:** TSG CN WG4  
**Title:** Corrections on IMS Rel-5  
**Agenda item:** 8.1.  
**Document for:** APPROVAL

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Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
23.008	126		N4-031232	Rel-5	Registration status	F	5.6.0
23.008	128	1	N4-031380	Rel-5	Correct table of IMS elements	F	5.6.0

3GPP TSG-CN4 Meeting #21  
Bangkok, Thailand, 27<sup>th</sup> to 31<sup>th</sup> October 2003

Tdoc #N4-031232

CR-Form-v7

## CHANGE REQUEST

⌘ 23.008 CR 126 ⌘ rev - ⌘ Current version: 5.6.0 ⌘

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

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

<b>Title:</b>	⌘ Registration status
<b>Source:</b>	⌘ CN4
<b>Work item code:</b>	⌘ IMS
<b>Date:</b>	⌘ 19/09/2003
<b>Category:</b>	⌘ F
Use <u>one</u> of the following categories:	
F (correction)	2 (GSM Phase 2)
A (corresponds to a correction in an earlier release)	R96 (Release 1996)
B (addition of feature),	R97 (Release 1997)
C (functional modification of feature)	R98 (Release 1998)
D (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>Release:</b>	⌘ REL-5
Use <u>one</u> of the following releases:	

<b>Reason for change:</b>	⌘ <b>This is an essential correction.</b> The registration status is used in TS 29.228 e.g. at user location query (§ 6.1.1.1) by checking the state of the public identity received in the request, that can take the values registered, not registered, unregistered.
<b>Summary of change:</b>	⌘ It is precised that the registration applies per public user identity and not per user (private user identity). The possible values are precised too i.e. registered, not registered, unregistered.
<b>Consequences if not approved:</b>	⌘ Possible wrong implementation

<b>Clauses affected:</b>	⌘ 3.2.1								
<b>Other specs affected:</b>	<table border="1"> <tr> <td>Y</td> <td>N</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<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 MODIFICATION \*\*\*

### 3.2.1 Registration Status

The Registration Status, specified in 3GPP TS 29.228 [43], contains the status of registration of a ~~multimedia-public~~ user identity (i.e. ~~g-~~ registered, not registered, ~~temporarily-un~~registered ~~-waiting for authentication~~).

The Registration Status is temporary subscriber data and is stored in HSS.

\*\*\* END OF MODIFICATION \*\*\*

## CHANGE REQUEST

⌘ **23.008 CR 128** ⌘ rev **1** ⌘ Current version: **5.6.0** ⌘

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

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

<b>Title:</b>	⌘ Correct table of IMS elements		
<b>Source:</b>	⌘ CN4		
<b>Work item code:</b>	⌘ TEI5	<b>Date:</b>	⌘ 29/10/2003
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	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: 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)

<b>Reason for change:</b>	⌘ Whilst preparing other documents, it has been noticed that the table describing storage of IMS data has become outdated. It should be brought back in line with the information that is actually described in other documents.  This is an essential correction
<b>Summary of change:</b>	⌘ Table 5.3 is updated
<b>Consequences if not approved:</b>	⌘ The common reference point for data stored in IMS nodes is outdated and so does not provide accurate information that may lead to incorrect implementations.

<b>Clauses affected:</b>	⌘ 5.3										
<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> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N		X		X		X		
Y	N										
	X										
	X										
	X										
<b>Other comments:</b>	⌘										

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- 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.

## 5.3 IP Multimedia Service Data Storage

Table 5.3: Overview of data used for IP Multimedia services

PARAMETER	Subclause	HSS	S-CSCF	IM-SSF	AS	TYPE
Private User Identity	3.1.1	M	M	-	-	P
Public Identity	3.1.2	M	M	-	-	P
Barring Indication	3.1.3	M	M	-	-	P
List of authorized visited network identifiers	3.1.4	M	-	-	-	P
Registration Status	3.2.1	M	-	-	-	T
S-CSCF Name	3.2.2	M	-	-	-	T
Diameter Client Address of S-CSCF	3.2.3	M	-	-	-	T
Diameter Server Address of HSS	3.2.4 <sup>3</sup>	-	M	-	<del>MC</del>	T
RAND, XRES, CK, IK and AUTN	3.3.1	M	C	-	-	T
Server Capabilities	3.4.1	C	C	-	-	P
Subscribed Media Profile Identifier	3.5.1	C	C	-	-	P
Initial Filter Criteria	3.5.2	C	C	-	-	P
<a href="#">Application Server Information</a>	<a href="#">3.5.3</a>	<u>C</u>	<u>C</u>	-	-	<u>P</u>
Service Indication	3.5.4	M	-	-	M	P
<a href="#">Primary Event Charging Function Name</a>	<a href="#">3.7.1</a>	<del>MC</del>	<u>C</u>	-	-	<u>P</u>
<a href="#">Secondary Event Charging Function Name</a>	<a href="#">3.7.2</a>	<u>C</u>	<u>C</u>	-	-	<u>P</u>
<a href="#">Primary Charging Collection Function Name</a>	<a href="#">3.7.3</a>	<del>GM</del>	<del>M</del>	-	-	<u>P</u>
<a href="#">Secondary Charging Collection Function Name</a>	<a href="#">3.7.4</a>	<u>C</u>	<u>C</u>	-	-	<u>P</u>
<del>GsmSCF address for IM-CSI</del>	<del>3.8.4</del>	<del>C</del>	-	-	-	<del>P</del>
<del>IM-SSF address for IM-CSI</del>	<del>3.8.5</del>	<del>C</del>	-	-	-	<del>T</del>
O-IM-CSI	3.8.1	C	-	C	-	P
VT-IM-CSI	3.8.2	C	-	C	-	P
D-IM-CSI	3.8.3	C	-	C	-	P
<a href="#">GsmSCF address for IM-CSI</a>	<a href="#">3.8.4</a>	<u>C</u>	-	-	-	<u>P</u>
<a href="#">IM-SSF address for IM-CSI</a>	<a href="#">3.8.5</a>	<u>C</u>	-	-	-	<u>T</u>