

3GPP TSG CT Plenary Meeting #28
1st – 3rd June 2005 Quebec, Canada.

CP-050093

Source: TSG CT WG4
Title: Corrections on Mn-interface
Agenda item: 9.16
Document for: APPROVAL

Doc-2nd-Level	Spec	CR #	Rev	Rel	Tdoc Title	CAT	C_Version
C4-050907	29.332	001	4	Rel-6	Introduction of formal profile template	F	6.1.0
C4-050663	29.332	005	-	Rel-6	Inclusion of Insert Digit Procedure at IMS termination	F	6.1.0

CHANGE REQUEST

⌘ **29.332 CR 005** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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

Title:	⌘ Inclusion of Insert Digit Procedure at IMS termination		
Source:	⌘ LM Ericsson		
Work item code:	⌘ IMS-CCR-Mn	Date:	⌘ 01/04/2005
Category:	⌘ F	Release:	⌘ Rel6
	<i>Use <u>one</u> of the following categories:</i> 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 .		<i>Use <u>one</u> of the following releases:</i> 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)

Reason for change:	⌘ In CN plenary #26 a CR to 29.163 was agreed to include DTMF sending to the IMS termination. This change has not yet been reflected in Mn specification.		
Summary of change:	⌘ "Procedures Send IMS RTP Tel Event" and "Stop IMS RTP Tel Event" included in IMS procedures.		
Consequences if not approved:	⌘ Incomplete Stage 3, not fulfilling stage 2 requirements.		

Clauses affected:	⌘ 15										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
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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.

15 Transactions towards IM CN Subsystem

15.1 Procedures related to a termination towards IM CN Subsystem

Table 1 shows the relationship between each call-related procedure in ITU-T Recommendation Q.1950 [14] (see 3GPP TS 29.205 [3]) or TS 29.232 [5] and the corresponding stage 2 procedure defined in 3GPP TS 29.163 [4].

Table 15.1.1: Correspondence between ITU-T Recommendation Q.1950 [13] or 29.232 [5] call-related transactions and 3GPP TS 29.163 [4] procedures

Procedure defined in 3GPP TS 29.163 [4]	Transaction used in Q.1950 [14]	Transaction used in TS 29.232 [5]	Comment
Reserve IMS Connection point	Not defined	n. a. for reuse	See 13.2.1.1
Configure IMS Resources	Not Defined	n. a. for reuse	See 13.2.1.2
Reserve IMS Connection Point and configure remote resources	Not defined	n. a. for reuse	See 13.2.1.3
Release IMS termination	n. a. for reuse	n. a. for reuse	See 13.2.1.4
Change IMS ThroughConnection	Cut Through	n. a. for reuse	
Detect IMS RTP Tel Event	Detect Digit	n. a. for reuse	Only applicable if termination towards IMS is connected with a termination towards a BICC network.
Notify IMS RTP Tel Event	Detected digit(BIWF)	n. a. for reuse	Only applicable if termination towards IMS is connected with a termination towards a BICC network.
Send IMS RTP Tel Event	n.a. for reuse	Send DTMF	Restrictions defined for minimum interval to follow 3G TS 23.014. Maximum interval shall be controlled by MGW if required by network
Stop IMS RTP Tel Event	n.a.for reuse	Stop DTMF	The signal descriptor shall not include any signal. The MGW shall ensure the minimum duration timing and minimum interval timing is achieved in accordance with the DTMF timing defined in TS 23.014 [27]. Maximum duration shall also be controlled by the MGW if required by the network
NOTE: A procedure defined in table 13.2.1 can be combined with another procedure in the same table. This means that they can share the same contextID and termination ID(s) and that they can be combined in the same H.248 command.			

