

Source: TSG CN WG 1
Title: CR to Rel-5 on Work Item IUFLEX towards 29.018
Agenda item: 8.9
Document for: APPROVAL

Introduction:

This document contains 1 CR, **Rel-5** Work Item "IUFLEX", that have been agreed by **TSG CN WG1**, and are forwarded to TSG CN Plenary meeting #18 for approval.

Spec	CR #	Rev	CAT	Rel	Tdoc Title	Meeting	TDoc #	C_Version
29.018	032		F	Rel-5	Clarification of the coding of the Global CN-Id	N1-26	N1-021978	5.1.0

CHANGE REQUEST

⌘ **29.018 CR 032** ⌘ rev **-** ⌘ Current version: **5.1.0** ⌘

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:	⌘ Clarification of the coding of the Global CN-Id		
Source:	⌘ Siemens AG		
Work item code:	⌘ IUFLEX	Date:	⌘ 16.09.2002
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	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 TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘ In a LS (N1-0211520) GERAN WG2 commented that the encoding of the allowed range for the CN-Id requires less than 2 octets and asked for guidance how the bit encoding is performed.
Summary of change:	⌘ Least and most significant bit of the CN-Id field are defined.
Consequences if not approved:	⌘ If the ambiguity leads to different implementations, the MSC which initiated the paging via the Gs-interface cannot be identified correctly.

Clauses affected:	⌘ 18.4.27										
Other specs affected:	<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>	Y	N		X		X		X	Other core specifications	⌘
Y	N										
	X										
	X										
	X										
		Test specifications									
		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.

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18.4.27 Global CN-Id

The Global CN-Id consists of a PLMN-Id and a CN-Id, see 3GPP TS 23.003. The PLMN-Id consists of MCC and MNC coded according to Location Area Identification in 3GPP TS 24.008. The CN-Id is an integer defined by O&M. [The least significant bit of the CN-Id field is bit 1 of octet 7 and the most significant bit is bit 8 of octet 6. If the CN-Id does not fill the field reserved for it, the rest of the bits are set to '0'.](#)

Table 18.4.27/3GPP TS 29.018: Global CN-Id IE

	8	7	6	5	4	3	2	1
Octet 1	IEI							
Octet 2	Length indicator							
Octet 3	PLMN-Id							
Octet 4	Coded as octets 2 to 4 of the Location Area Identification IE,							
Octet 5	defined in 3GPP TS 24.008 (not including 3GPP TS 24.008 IEI and LAC).							
Octet 6	CN-Id (INTEGER 0..4095)							
Octet 7	CN-Id (INTEGER 0..4095)							