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

CR-Form-v7

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 **X**

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:
   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.

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)*

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

	Y	N		
Other specs affected: ⌘		X	Other core specifications ⌘	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

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