3GPP TSG CN Plenary **Tdoc NP-010269**
Meeting #12, Stockholm, Sweden
13th - 15th June 2001

Source: **TSG CN WG 1**

Title: **CRs to Rel-4 on Work Item ASCI towards 44.068/44.069 towards 23.009**

Agenda item: **8.11**

Document for: **APPROVAL**

Introduction:

This document contains **2** CRs on **Rel-4 to** Work Item **"ASCI"**, that have been agreed by **TSG CN WG1**, and are forwarded to TSG CN Plenary meeting #12 for approval.

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Version-Current	Workitem
44.068	002	1	N1-010854	Rel-4	Clarification of the coding of otdi information in IA5 format	F	4.1.1	ASCI
44.069	002	1	N1-010855	Rel-4	Clarification of the coding of otdi information in IA5 format	F	4.1.1	ASCI

3GPP TSG CN WG1, Meeting #17 ***Tdoc N1-010854***
Puerto Rico, USA, 14th May - 18th May 2001

CR-Form-v3

CHANGE REQUEST

⌘ **44.068** **CR** **002** ⌘ rev **1** ⌘ Current version: **4.1.1** ⌘

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

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☒ Radio Access Network ☐ Core Network ☒

Title:	⌘	Clarification of the coding of otdi information in IA5 format
Source:	⌘	Siemens AG
Work item code:	⌘	ASCI
Date:	⌘	24th April 2001
Category:	⌘	**F**
Release:	⌘	REL-4

Use one of the following categories:
F *(essential 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 one 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)

Reason for change:	⌘	Correction and clarification of the coding of otdi information in IA5 format
Summary of change:	⌘	This CR makes some corrections and clarifies the coding of otdi information in IA5 character set after decompression of the otdi information.
Consequences if not approved:	⌘	There will be no rules for the MS how to interprete the otdi information.

Clauses affected:	⌘	9.4.8, Annex A (new)
Other specs Affected:	⌘	☐ Other core specifications ⌘ ☐ 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/3G_Specs/CRs.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://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

9.4.8 Compressed otdi

The *Compressed ~~u~~otdi* information element specifies an integer N in 40 bit binary representation; bit 8 of octet 1 is the most significant bit and bit 1 of octet 5 is the least significant bit. The integer denotes compressed originator-to-dispatcher information. The corresponding decompressed ~~user~~originator-to-dispatcher information is given by the following attributes:

- User-user protocol discriminator: IA5 characters
- User-user information: The user-user information is a string of 12 digits which are the decimal representation of the integer N with leading zeros. Each digit after decompression is coded in one octet. The bits 1 to 7 are used for the coding of the IA5 character, and bit 8 is coded as "0". A coding example is given in Annex A.

********** NEXT MODIFIED SECTION **********

Annex A (informative): Example of the coding of the user-user information after decompression of the originator-to-dispatcher information

If the originator-to-dispatcher information after the decompression in decimal representation with leading zeros is "000000009123", then the user-user information is coded in IA5 characters as follows:

Table A.1: Example of user-user information in IA5 characters after decompression

8	7	6	5	4	3	2	1	content	IA5 Code
0	0	1	1	0	0	0	0	1. digit: 0	0x30
0	0	1	1	0	0	0	0	2. digit: 0	0x30
0	0	1	1	0	0	0	0	3. digit: 0	0x30
0	0	1	1	0	0	0	0	4. digit: 0	0x30
0	0	1	1	0	0	0	0	5. digit: 0	0x30
0	0	1	1	0	0	0	0	6. digit: 0	0x30
0	0	1	1	0	0	0	0	7. digit: 0	0x30
0	0	1	1	0	0	0	0	8. digit: 0	0x30
0	0	1	1	1	0	0	1	9. digit: 9	0x39
0	0	1	1	0	0	0	1	10. digit: 1	0x31
0	0	1	1	0	0	1	0	11. digit: 2	0x32
0	0	1	1	0	0	1	1	12. digit: 3	0x33

Annex BA (informative): Change History

TSG#	TSG doc	WG doc	Spec	CR	Rev	Ph	Cat	Old vers	New vers	Title	WI
S#31		Feb 2000	04.68					7.1.0	8.0.0	Specification version upgrade to Release 1999 version 8.0.0	
CN#7		N1-000469	04.68	A024		R99		8.0.0.	8.1.0	Addition of cause values, Approved by TSGN#7 then SMG email approval before SMG#32	
S#32, CN#8		N1-000677	04.68	A025		R00		8.1.0	9.0.0	Introduction of Originator-to-dispatcher information into VGCS	
			04.68 / 44.068					04.68 v9.0.0	44.068 v4.0.0	Conversion to 3GPP TS format	-
CN#9	NP-000449	N1-001006	44.068	001	1	R00	C	4.0.0	4.1.0	The repetition of the priority in the Call Reference IE in the SETUP message	ASCI
								4.1.0	4.1.1	Oct 2000: correction of references.	

3GPP TSG CN WG1, Meeting #17 ***Tdoc N1-010855***
Puerto Rico, USA, 14th May - 18th May 2001

CR-Form-v3

CHANGE REQUEST

⌘ **44.069 CR 002** ⌘ rev **1** ⌘ Current version: **4.1.1** ⌘

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Date:	⌘	24th April 2001
Category:	⌘	**F**
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Clauses affected:	⌘	9.4.7, Annex A (new)
Other specs Affected:	⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
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0	0	1	1	0	0	0	0	6. digit: 0	0x30
0	0	1	1	0	0	0	0	7. digit: 0	0x30
0	0	1	1	0	0	0	0	8. digit: 0	0x30
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CN#7		N1-000472	04.69	A021		R99		8.0.0	8.1.0	Addition of cause values, Approved at TSGN#7 and SMG email approved before SMG#32	
S#32, CN#8		N1-000679	04.69	A022		R00		8.1.0	9.0.0	Introduction of Originator-to-dispatcher information into VBS	
			04.69 / 44.069					04.69 v9.0.0	44.069 v4.0.0	Conversion to 3GPP TS format	-
CN#7	NP-000449	N1-001007	44.069	001	1	R00	C	4.0.0	4.1.0	The repetition of the priority in the Call Reference IE in the SETUP message	ASCI
								4.1.0	4.1.1	Oct 2000: Correction of references.	