Source:	**TSG CN WG 1**
Title:	**CR to Rel-5 on Work Item IMS-CCR towards 24.229,- CR285r1**
Agenda item:	**8.1**
Document for:	**APPROVAL**

Introduction:

This document contains **1** CR, **Rel-5** Work Item **"IMS-CCR"**, 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
24.229	285	1	F	Rel-5	Fallback for compression failure	N1-27	N1-022481	5.2.0

CR-Form-v7

CHANGE REQUEST

| ⌘ | **24.229** CR **285** | ⌘ **rev** | **1** | ⌘ | Current version: | **5.2.0** | ⌘ |

*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 **X** Radio Access Network ☐ Core Network **X**

Title: ⌘	Fallback for compression failure	
Source: ⌘	Nokia	
Work item code: ⌘	IMS-CCR	***Date:*** ⌘ 14/11/2002
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 <u>TR 21.900</u>.

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: ⌘	There is no recovery mechanism specified for the compression failure cases.
Summary of change: ⌘	Text has been added that both the UE and the P-CSCF are responsible to recover from a compression failure case
Consequences if not approved: ⌘	There wouldn't be any means to recover from such failure cases.

Clauses affected: ⌘	8.1.3; 8.2.3

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	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.

8.1.3 Decompression of SIP requests and responses received from the P-CSCF

The UE shall decompress the compressed requests and responses received from the P-CSCF according to clause 8.1.1.

If the UE detects a decompression failure at the P-CSCF, the recovery mechanism is implementation specific and this may, as an example, include resetting the compartment, changing the algorithm or sending the following message(s) without compression.

8.2.3 Decompression of SIP requests and responses received from the UE

The P-CSCF shall decompress the compressed requests and responses received from the UE according to clause 8.2.1.

If the P-CSCF detects a decompression failure at the UE, the recovery mechanism is implementation specific and this may, as an example, include resetting the compartment, changing the algorithm or sending the following message(s) without compression.