3GPP TSG CN Plenary Meeting #18 **NP-020553**
4th - 6th December 2002. New Orleans, USA.

Source: **TSG CN WG 1**

Title: **CR to Rel-5 on Work Item IMS-CCR towards 23.218,- pack 2**

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
23.218	030	3	F	Rel-5	Clarification on MRFP reference point	N1-27	N1-022468	5.2.0

3GPP TSG-CN1 Meeting #27
Bangkok, Thailand, 11-15 November 2002

Tdoc N1-022468

CR-Form-v7

CHANGE REQUEST

⌘ **23.218** **CR** **030** ⌘ **rev** **3** ⌘ 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 ☐ Radio Access Network ☐ Core Network **X**

Title:	⌘	Clarification on MRFP reference point
Source:	⌘	NEC Corporation
Work item code:	⌘	IMS-CCR
Date:	⌘	05/11/2002
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one 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 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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	In the current clause 5.1 (architecture for service provision for IP multimedia system), MRFP-MRFC(Mp) interface and MRFP-bearer (Mb) interface are missing.
Summary of change:	⌘	It is proposed in 5.1 that not all interface is defined in this version of specification.
Consequences if not approved:	⌘	Interfaces such as Mp and Mb interface remains misaligned with 23.228 and Annex B 2. This causes readers confusing and misunderstood.

Clauses affected:	⌘	5.1

Other specs affected: ⌘	Y	N	
		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.

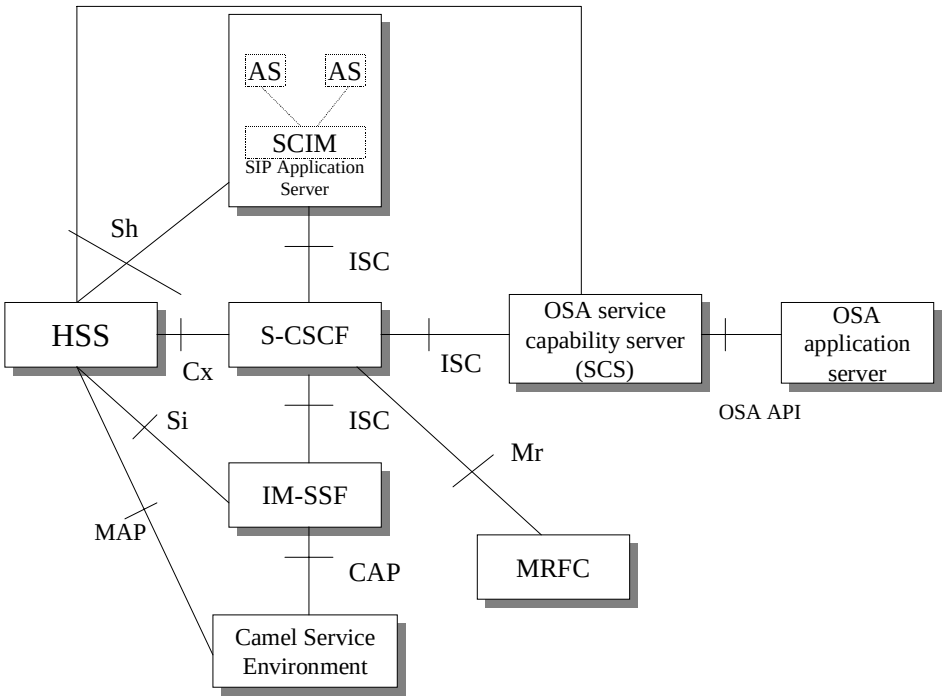
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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.

Start of change

5.1 Architecture for service provision for IP multimedia subsystem



NOTE: Not all interfaces shown are within the scope of this document.

Figure 5.1.1: Functional architecture for support of service provision for IP multimedia subsystem

Figure 5.1.1 illustrates the architecture with the S-CSCF communicating to Application Servers via the IP multimedia service control (ISC) interface. The Application Servers can be:

- SIP Application Servers - which may host and execute services. It is intended to allow the SIP Application Server to influence and impact the SIP session on behalf of the services;
- the IM-SSF - which is a particular type of application server the purpose of which is to host the CAMEL network features (i.e. trigger detection points, CAMEL Service Switching Finite State Machine, etc) and to interface to CAP as specified in 3GPP TS 29.078 [14];
- the OSA service capability server (OSA SCS) which interfaces to the OSA framework Application Server and which provides a standardized way for third party secure access to the IM subsystem. The OSA reference architecture defines an OSA Application Server as an entity that provides the service logic execution environment for client applications using the OSA API as specified in 3GPP TS 29.198 [12]. This definition of Application Server differs from the definition of Application Server in the context of service provisioning for the IM subsystem, i.e. the entity communicating to the S-CSCF via the ISC interface;
- in addition a specialized type of SIP Application Server, the service capability interaction manager (SCIM) which performs the role of interaction management between other application servers.

All the Application Servers, (including the IM-SSF and the OSA SCS) behave as SIP application servers on the ISC interface.

In addition the Application Servers can also interact with the MRFC via the S-CSCF (ISC and Mr interfaces) in order to control Multimedia Resource Function processing.

End of change