3GPP TSG CN Plenary Meeting #18   **NP-020517**
4th - 6th December 2002. New Orleans, USA.

Title:	**LS on Interworking between SIP/SDP and BICC/ISUP**
Release:	**Release 6**
Work Item:	**IMS-CCR-IWCS**
Source:	**TSG CN WG3**
To:	**TSG CN, 3GPP TSG CN Ad-Hoc Group 1 (ITU_Co-ordination)**

Agenda item:	**5.1**
Document for:	**INFORMATION**

3GPP TSG-CN WG3#25   **Tdoc N3-020878**
Miami, USA. 23rd - 27th September. 2002

Contact Person:
    Name: **David Sanders**
    Tel. Number: +44 16356 76684
    E-mail Address: david.sanders@vodafone.co.uk

Attachments: N3-020813

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1. Overall Description:

TSG CN WG3 is responsible for the specification of the Interworking between the 3GPP IP Multimedia Core Network Subsystem (IM CN SS) and Circuit Switched networks. An integral part of this specification is the definition of the Control Plane interworking, e.g. the mapping between 3GPP Profile of SIP, as defined in 3GPP TS 24.229, and the ISUP and BICC protocols.

As part of ITU-T BICC Capability Set 2, the ITU-T SG11 is tasked with defining the protocol interworking between SIP/SDP and ISUP/BICC at the Network-to-Network interface. The requirements for this work originate from a number of organisations external to the ITU, e.g. general Internet community and specific network operators.

During the TSG CN WG3 #19 meeting it was agreed that in order to avoid duplication, to ensure commonality and to avoid conflicting technical specifications it was agreed that the most suitable forum to define the protocol interworking would be the ITU-T. This decision was further supported whilst considering the level of ISUP and BICC technical expertise within ITU-T and in particular Study Group 11.

It was therefore agreed to utilise the work within the ITU-T SG11 and if necessary to provide 3GPP architectural and protocol specific requirements into the ITU-T SG11.

Status of the Interworking specification
During the TSG CN WG3 #25 meeting the status of the ITU-T SG11 specification, as described in N3-020813, for the Interworking between SIP/SDP and ISUP/BICC was discussed. This discussion focused on the progress of the work within ITU-T SG11 and the possible impacts on the 3GPP March 2003 deadline for completion of the specification of the Interworking between the 3GPP IM CN SS and CS networks.

In summary, the status of the ITU-T SG11 was noted as:
- The definition of the requirements within Q.6 & 9/11 are now becoming stable;
- Both draft Recommendations (Q.1912.SIP and Q.SIPPROF) are unstable and a number of issues have been highlighted, which have caused a level of contention within SG11. It is understood that these issues may result in a delay in completion of this work.

Issues for consideration

The stabilisation of the SG11 Technical Report now clearly describes the requirements in terms of individual scenarios; each scenario being supported by different organisations. However, it is also important to understand that that functional content and network architecture are not common across each of the defined scenarios. It is also important to note that, unlike the 3GPP scenario, several scenarios are technically unstable and will require further architectural development which will in turn enable the definition of a minimum set of SIP/SDP.

In considering that timing, functional content, network architecture and technical stability are not common across each of the these scenarios it is of particular concern how these issues will impact the ITU-T finalisation dates of their Recommendations and the subsequent impact on the 3GPP planned completion dates.

In considering the possible impacts on the 3GPP completion date for the Interworking between the IM CN SS and CS networks, TSG CN WG3 would encourage the ITU-T SG11 to consider the needs of 3GPP in terms of their time constraints and to consider the isolation of the 3GPP scenario from the other unstable scenarios.

2. Actions:

To: 3GPP TSG CN Ad-Hoc Group (ITU_Co-ordination)

ACTION: To consider the needs of the 3GPP in terms of their Release 6 time constraints, i.e. completion date of March 2003. The output from ITU-T SG 11 must be easy to reference and shall be in a form that avoids the need for 3GPP to produce additional specifications in order to identify the relevant parts applicable for 3GPP. 3GPP therefore asks ITU-T SG 11 to consider how the requirements, as defined in section 1, can best be accommodated.

3. Date of Next TSG CN WG3 Meetings:

CN3_26   11th - 15th November 2002   Bangkok.