

**Source:** CN5  
**Title:** LS from CN5#9 (N5-010089) to CN1/2/3/4: Reply to LS on "Control of IP multimedia services" (NJ-010107)  
**Agenda item:** 6.5.1  
**Document for:** Information  
**Work Item:** IP-MM

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3GPP TSG\_CN5 (Open Service Access – OSA)  
Meeting #9, Helsinki, FINLAND, 6 – 8 February 2001

N5-010089

**Title:** Reply to LS on "Control of IP multimedia services" (NJ-010107)  
**Source:** CN5  
**To:** CN1/2/3/4 Joint meeting on IP multimedia  
**Cc:** SA1, SA2

**Contact Person:**

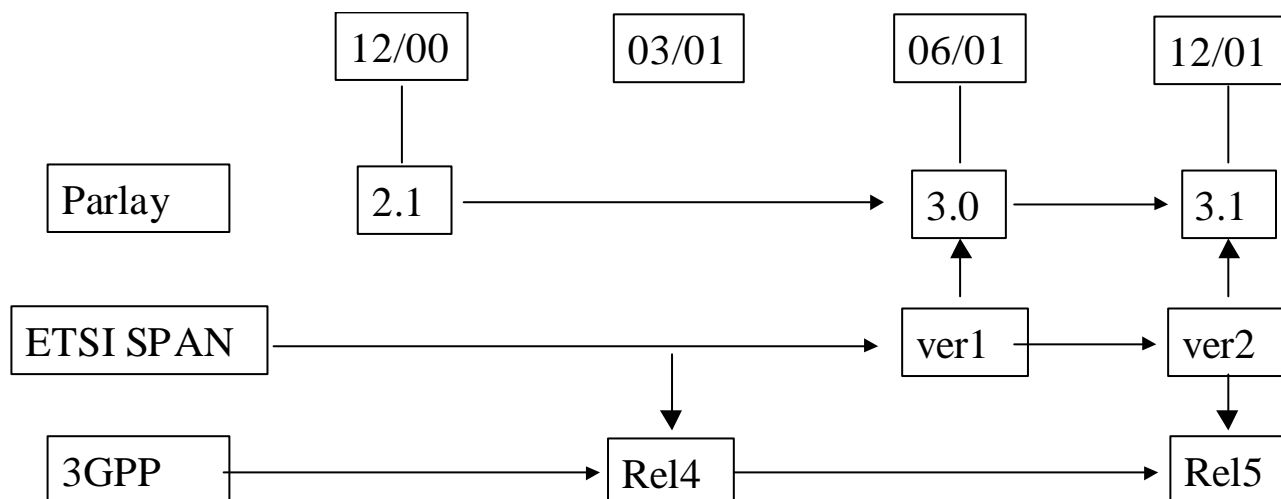
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**1. Overall Description:**

The CN5 meeting has received and discussed your Liaison Statement concerning Control of IP Multimedia Services. There was a feeling in our meeting that it would be helpful to clarify our activities in this area.

CN5 is responsible within 3GPP for the definition of Application Programming Interfaces (APIs) for Open Service Access (OSA). This work is done jointly with Parlay and ETSI SPAN12. The groups work on one common technical basis, a Draft ETSI Standard (DES120070), out of which the UMTS OSA, Parlay and ETSI standards documents will be extracted. This process is depicted in the figure below.



One of the interfaces we are working on is the MultiPartyCallControl API. This API can be mapped to the SIP protocol, as well as e.g. to INAP. Within 3GPP the mapping of APIs to network protocols in general is the responsibility of CN5, and the particular mapping of MPCC to SIP is also required for the coming Parlay and ETSI SPAN releases (June/July 2001, ETSI TR120075). Work on mapping the Call Control APIs to SIP has just started.

We realize that this work should take into account the SIP Call Modelling work performed in CN1. This might require closer interaction in the future. We also realize that architecture decisions taken in SA2 might have an impact on the type of SIP-signalling the OSA API has to be mapped to in a 3GPP context.

CN5 currently has its own set of specifications. The APIs themselves are specified in TS 29.198, and the mapping of APIs to network protocols is covered in TR 29.998. For Release 4 the structure of the documents will change by introducing parts. The part foreseen to contain the MPCC-SIP mapping is TR 29.998-4. This part is foreseen to be included in Release 4, but will not yet contain the MPCC-SIP mapping.

We noticed that draft TS 23.218 contains information at protocol level. We envisage that 23.218 should contain a reference to our specifications, rather than contain own information at protocol and protocol mapping level.

## 2. Actions:

### To: CN1/4 joint meeting

**ACTION 1:** The **CN5** meeting asks the **CN1/4 joint meeting** to consider the above comments. Given the work flow process within 3GPP we do not see a direct need for joint meetings, but CN5 would like to be kept informed of and involved in the activities via liaison information exchange. Of course there will be more informal interaction via company or personal participation in different groups.

If **CN1/4** consider it useful for CN5 to participate in the work at a certain point in time, CN5 is of course more than happy to join the activity on IP-MM.

**ACTION 2:** The **CN5** meeting asks **SA2** to provide guidance on the architecture option(s) for IP-MM and OSA.

## 3. Next meetings:

The next CN5 meeting will be held on 5 – 7 March 2001 in Antwerp.

**Attachment:** Incoming LS (NJ-010107) for reference



N5-010013\_NJ-010107.zip