3GPP TSG_CN   **Tdoc NP-000619**
Plenary Meeting #10, Bangkok, Thailand
6-8 December 2000.

Source: **CN WG5 Chairman**
                    lucas.klostermann@eln.ericsson.se

Title: **STATUS REPORT CN5**

Agenda item:

Document for: **INFORMATION/APPROVAL**

CN WG5 (OSA) has held two 2-3 days meetings since the last CN OSA Plenary #09, one in Vienna and one in Sophia Antipolis. Both meetings were held jointly with ETSI SPAN3, which is chaired by Frans Haerens (Alcatel). The meeting in Sophia Antipolis was the first meeting that was officially also a meeting of the Parlay Call Control Working Group. On average the meeting was attended by 30 participants, during the two meetings a total of 70 documents were processed.
During the meeting in Vienna we had a joint meeting with S1 and S2 OSA AdHoc groups.

Status Overview

working procedures and specification structure
The working procedures and specification structure for the joint work with ETSI SPAN3 on 3GPP R4 had already been established. During the Vienna meeting part of the time was spent to actually make sure we had a consistent starting point for the specifications themselves. The 3GPP OSA R99 was taken as a starting point, complemented wit additional interfaces from Parlay. In this process some final alignment and corrections issues were identified.
The working documents for the joint OSA work are now ES12070 (API's) and TR12075 (Mapping). These documents will be used as a basis to eventually produce a 3GPP specification for Release 4 (based on S1 and S2 requirements) and an ETSI Norm.

explanation of collaboration between 3GPP, ETSI and Parlay
The following points summarize the collaboration between ETSI, SPAN12, Parlay and to a lesser extent JAIN. The reason for this collaboration is to have ONE API for ONE application developer community:

- 3GPP CN5 and ETSI SPAN12 have joint meetings on all OSA API's
- The S1 and S2 requirements are the starting point, to be complemented by requirements from e.g. SPAN14 (ex-SPAN 6). S1 and S2 requirements have priority.
- We work on one set of API documents during the meeting. This is a draft ETSI Standard ES12070, which contains all interfaces under discussion in the joint work. The interfaces which realize the S1/S2 requirements for UMTS OSA R4 will be extracted from ES12070 to become part of 29.198v4.
- For the Call Control / User Interaction (and presently also Framework) API's, the relevant Parlay Working Group has formally also joined the CN5/SPAN12 meeting. This means that the meetings are in fact CN5/SPAN14/ParlayCC meetings when call control, user interaction or framework are on the agenda. In theory we could ask people with an Parlay membership only to leave when we discuss other agenda items, but we don't
- The meetings have a joint chairmanship, 3GPP CN5 and SPAN12 chairs
- There is an interaction with the JAIN community to harmonize JAIN and OSA/Parlay. People with a JAIN background participate in the meetings to discuss call control. A difference with the Parlay call control group is however that for Parlay call control the CN5/SPAN12/ParlayCC meeting is the meeting, while JAIN people have no mandate to make changes to JAIN in this meeting

- One of the reasons to use a draft ETSI standard as the working document for the joint work is that ITU can refer to an ETSI Standard, one of the prerequisites for them not to produce their own API

technical progress R4
OSA Release 99 consists of several interfaces which originated from Parlay, complemented with some interfaces developed by SPAN12/N5 to expose some specific UMTS network capabilities. The SPAN12/N5 group have now taken the rest of parts of work of Parlay on board as a starting point. Whether these interfaces will eventually become part of the 3GPP specification 29.198v4 depends on decisions in S1 and S2.

Technical investigations and discussions have focussed on the multiparty call control. Some industry comments (input to the Parlay group) was taken into account. During the last two meetings there has been a harmonization effort between the OSA call control and JAIN. People with a JAIN background participated in the meetings, and especially during the last meeting good progress has been made. It was decided to focus harmonization efforts on the multiparty call control API, and not on the generic call control interface. It was also decided to break the inheritance between generic call control and multiparty call control, which simplifies the multiparty call control interface.

Furthermore, some additional clarification and definition of some Framework interface parameters has been provided. Especially the start of the definition of the 'service properties' for call control should be mentioned in this context.

We have received contributions on mapping the multiparty call control interfaces to the SIP protocol, we have however not had the time to discuss them in detail yet.

Change Requests on R99
Some time has been dedicated to Release 99 still. The CR's presented to this meeting are correctional CR's, and CR's removing ambiguity by adding clarification to the API. The full alignment with Parlay (but now Parlay call control and OSA are the same!) has led to some minor CR's to R99, the last CR's with this motivation.
CN5 has discussed these Change Requests in detail, and has ensured that they have been accompanied by CR's to 23.127 where applicable. CN5 therefore requests the plenary to approve the set of CR's presented to the meeting.

Planning for UMTS R4

Discussions with mainly S1 (also S2) in Vienna have shown that inclusion of VHE specific are not expected for R4. However, S1 expects that it is possible to include support for eCommerce and additional requirements on the user location interface in Release 4.
This could well be possible, depending on the discussions and degree of consensus, of course. In the collaboration with ETSI SPAN12 it has been made clear that in order to be part of 3GPP we have to cover the 3GPP requirements, so we will allocate meeting time to cover these aspects. We already have input from Parlay on the additional requirements on user location, and expect contributions on eCommerce support for the meeting in Phoenix. We have to realize though that the eCommerce interface is a totally new interface, relatively simple, but of high importance, and might be subject to differences of interpretation. In parallel to the work in 3GPP-OSA/SPAN12 there is activity on this in the Parlay group. We will collaborate and co-ordinate with the relevant working group in Parlay.

We have realized that the multiparty call control interface, although completed in March, could well not be part of Release 4 due to the fact that core network support (SIP, CAMEL phase 4) for multiparty calls is not yet standardized. N5 acknowledges that. However, depending on the state of discussions, it could be that N5 would like to come back on this issue, and introduce a possibly dressed down version of multiparty call control in Release 4.

Future Meetings

It has been decided not to have 2 day meetings every month anymore, but have 3 day meetings roughly every six weeks. The next meeting is planned 18-20th of December in Phoenix, the one after between the 6th and 8th of February in Helsinki. The next meeting is foreseen in Antwerp, date to be determined still.
The meeting schedule for the next year will be decided (first draft) in the Phoenix meeting.

Proposal

The proposal from this report:
- the meeting is requested to approve the CR's for UMTS OSA R99 presented to this meeting

Acknowledgements

The CN WG5 chair would like to thank all the participants for their very active participation to the OSA Stage 3 activity. Special thanks to Frans Haerens (Alcatel) for the excellent co-operation between ETSI SPAN3 and 3GPP CN WG5, and to Monica Hellman for the MCC assistance.