Source: **TSG-N2 convenor**
              mailto:Keijo.Palviainen@nokia.com

Subject: **Summary Report of the TSG-N2 to TSG-N plenary meeting #8**

TSG-N2 has held two meetings since last plenary;
- March 27-31 in Charleston, USA, hosted by Pacific Bell and
- May 22-26 in Rotenburg, GERMANY, hosted by Siemens.

1   CAMEL phase 1

No changes.

2   CAMEL Phase 2

A few proposals have been presented and approved in Rotenburg meeting to improve CAMEL phase 2.
- A Siemens proposal was agreed to improve stage 2 SDLs regarding to the Call Forwarding. In the SDLs the MSC-SCP relationship was hanging in some special cases.
- The encoding of * and # was clarified when the SCP collects user response using DTMF. * and # are seen vital for user interaction, thus they must be supported. The approved set of T-Mobil's CRs (stage 2 and 3) ensures inter-vendor operability.
- Usage of Announcement Suppression Indicator handling was corrected by Siemens CRs. This correction enables hunting services to operate in a more reliable way.

3   CAMEL phase 3

In both meetings the main focus was in CAMEL phase 3. The content of phase 3 is fixed, and in Rotenburg meeting the major open principal issues were agreed upon. Due to enormous amount of CRs some over-lapping and possible contradictions of tdocs could not be avoided. In the future meetings these details can be easily worked out. The convenor's personal view is that during the fall 2000 a number of CRs can be expected on details. Progress by CAMEL phase 3 functionalities;
- GPRS inter-working was the subject of most work. The principles are now settled. TC dialogues are segmented, and the functionality of the segmentation was clarified. Due to the inter-working of CRs some details need to be fine-tuned in future meetings. The CAMEL has two options; SCP can control multiple PDP contexts via one relationship, or each PDP context separately. This has caused quite a lot confusion but now the concepts seems to be widely understood by the CAMEL riders.
- CAMEL phase 3 by steps: Both in Charleston and Rotenburg it was decided to keep CAMEL phase 3 as a unified feature, in other words not to implement it by steps.
- SCP control of HLR data (CF, barring and CSIs): Quite many CRs on the subject. The issue is stabilised.
- MO SMS: fine tunings. E.g. ActivityTestSMS was removed and stage 3 corrections.
- Call Gapping / SCP load control: Some CRs approved, now this should be quite a stable feature.
- Service Interaction Indicators (SCP control of CF etc): Parameters are moved back and forth. Only details were fine-tuned.
- Dialled services: Clarifications were agreed in Charleston. The approved CR slightly conflicts with the principle of not checking the Numbering Plan Indicator. This minor detail shall be corrected later on.

4   CAMEL phase 4

The work has not really started in N2. In the Rotenburg meeting we saw S1 Liaison Statement listing possible CAMEL phase 4 functionalities. However, the content is not fixed yet. N2 drafted proposed changes in order to update work item management sheet. The list consist of so called "category 1" functionalities that are the most likely CAMEL4 candidates. The list is a subject to change. For the July 2000 N2 will have spec versions for both CAMEL3 and CAMEL4. The CAMEL4 version will be identical to the CAMEL3 version in the July meeting. N2 decided to start working on "category 1" functionalities of the CAMEL4.

5   Other Work Items with impact on CAMEL

None.

8   Other issues to be mentioned

- Keijo Palviainen (Nokia) was elected as a N2 chairman in Rotenburg meeting. Michel Grech (Lucent) was elected as a N2 vice chairman in the same meeting.
- Meeting calendar for 2001 was discussed. People prefer 6 meetings. The N2 meetings are preferred to be co-located with N4, at least the ones prior to plenaries.
- The year 2000 meeting calendar looks as follows:
  - 17 – 21 Jul   Helsinki, Finland (Nokia);
  - 28 Aug – 1 Sep   Seattle, USA (Ericsson et al);
  - 16 – 20 Oct   Wien, Austria (Telekom Austria / SPAN3)
  - 13 – 17 Nov   Paris, France (Alcatel).