

**3GPP TSG CN Plenary Meeting #15**  
**Jeju Island, Korea, 6<sup>th</sup> – 8<sup>th</sup> March 2001**

**Tdoc NP-020052**

**Source:** TSG CN WG 2  
**Title:** LSs sent from CN2 since TSG#14 Meeting  
**Agenda item:** 6.2.1  
**Document for:** Information

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**Introduction:**

This document contains 2 Liaison Statements agreed by TSG CN WG2, that are forwarded to TSG CN Plenary meeting #15 for information only.

<b>Meeting</b>	<b>Doc-2nd-Level</b>	<b>Source</b>	<b>Tdoc Title</b>	<b>Comments</b>
CN2#22	N2-020145	CN2	Liaison Statement: "Reply to LS on VASP MMS Connectivity"	To: SA5 , CC: SA1, T2
CN2#22	N2-020168	CN2	Liaison Statement: "Handling of e-parameters provided by the SCP" in the scope of the PS domain	To: SA1

**Title:** Liaison Statement: "Reply to LS on VASP MMS Connectivity"  
**Source:** CN2  
**To:** SA5  
**Cc:** SA1, T2  
**Response to:** LS to T2 (S5-010703\_T2-010903) on VASP MMS connectivity

**Contact Person:**

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**Attachments:** None

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**1. Overall Description:**

TSG CN2 wishes to thank SA5 for the liaison statement on VASP MMS connectivity, highlighting the implications on billing and charging specifications, in particular to the support for prepaid.

As SA5 correctly identifies, within CN2 we are active on CAMEL based pre paid support for the circuit and packet switched domains. However, TSG CN2 wishes to point out that it is currently not active on the support for pre paid for MMS as there is currently no requirement in TS 22.078 for Release 5.

Should the support of MMS prepaid be required through CAMEL based procedures, CN2 would like to remind SA5 and T2 that the necessary requirements must be incorporated in TS 22.078, which is the responsibility of SA1.

**2. Actions:**

**ACTION:** None.

**3. Date of Next CN2 Meetings:**

Meeting	Date	Location	Host
CN2#23	8 - 12 April 2002	Finland, Helsinki	Nokia
CN2#24	13 - 17 May 2002	Europe	Ericsson

**Title:** LS “On the Handling of e-parameters provided by the SCP” in the scope of the PS domain  
**Source:** CN2  
**To:** SA1  
**Cc:**  
**Response to:**

**Contact Person:**  
**Name:** Michel Grech  
**Tel. Number:** +44 207 004 0118  
**E-mail Address:** [grech@lucent.com](mailto:grech@lucent.com)

**Attachments:** None

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## 1. Overall Description:

TSG CN2 anticipates that SA1 will have seen an liaison statement from SA5 relating to a response on the “Handling of e-parameters provided by the SCP” (S5-020042). This issue related to the applicability of the “Advice of Charge” (AoC) supplementary service in the PS domain and the conflict that exists between TS 22.004 and the CAMEL Specifications (TS 22.078, 23.078, 29.078). CN2 wishes to convey SA1 its views on the issue in order to expedite the resolution of the matter.

In Release 99, TS 22.078 states a requirement on CSE supplied AoC parameters, without distinguishing between the circuit switched and packet switched domains. In their liaison statement, TSG SA 5 informed us that that there is currently no support of AoC within the PS domain for Release 5 or previous releases. As part of CAMEL Phase 3, CN2 has completed the CAMEL specific work to support AoC parameters received from a CSE in a view of making the *sgsnSSF* (the CAMEL specific part of the SGSN) “*feature-ready*”. This was done as we had anticipated that this supplementary service would eventually be included in a release after Release 99. However, we had expected that this would have occurred by Release 5.

CN2 are now considering whether the CAMEL Phase 3 and CAMEL Phase 4 specifications should be modified to reflect the current situation. Within CN2, we have identified two possible options, on which we would kindly ask SA1 for their guidance and possible insight into the support of this feature beyond Release 5.

- Option 1 would be the removal of the requirement from CAMEL Phase 3 (and subsequent phases) specification. The implication to this is that the stage 2 and stage 3 specifications for Release 99, Release 4 and Release 5 need to be modified to reflect this.
- Option 2 would be the possible rewording of the requirement, such that it remains in CAMEL Phase 3, indicating that this may be supported only in future releases of GPRS, when the AoC supplementary service. A SGSN may discard any parameters received from the CSE if the supplementary service is not supported.

Option 1 requires a significant amount of work as far as CN2 is concerned and as a result Option 2 would be the preferred approach. This is especially the case if the AoC supplementary service were to be introduced in future releases of GPRS.

CN2 recommends that option 2 be adopted. CN2 also recommends that the specifications from CAMEL Phase 3 onwards carry a ‘health warning’ to indicate that AoC supplementary service is not supported in Releases 99, 4 and 5 of GPRS but may be supported in future releases.

## 2. Actions:

**ACTION:** CN2 requests SA1 to update the CAMEL specifications for Release 99, 4, and 5 to reflect the above recommendations.

## 3. Date of Next CN2 Meetings:

Meeting	Date	Location	Host
CN2#23	8 - 12 April 2002	Helsinki, Finland	Nokia
CN2#24	13-17 May 2002	Europe	Ericsson