

TSG-SA Working Group 1 (Services) meeting #3  
Hampton Court, Surrey, UK 10<sup>th</sup>-12<sup>th</sup> May 1999  
**TSG CN SS ad hoc**  
**ETSI/SMG/SMG3 WPB**  
**Vienna, Austria**  
**4 - 7 May 1999**

**TSGS1#3(99)320**  
Agenda: 4.12.1  
**3GPP Tdoc N\_SS-99038**

### **LIAISON STATEMENT**

**From: TSG CN SS ad hoc**  
**To: TSG T2/SMG4 MEXE**  
**CC: TSG SA1/SMG1**  
**Title: USSD Enhancements in GSM 02.90 Version 8.0.0**

At the TSG CN SS ad hoc meeting in Vienna the latest version of the stage 1 of USSD (GSM 02.90 Version 8.0.0) was presented, which was approved at SMG#28 for GSM Release 99.

This version of the specification contains a new section 6, entitled: "Unstructured SS data operations – application mode". This section deals with a new way of making USSD available for applications which reside in the terminal (like MExE); in the network (MSC, VLR, HLR) or elsewhere (MExE servers, CSEs and proxy servers).

TSG CN SS ad hoc considers this an interesting evolution of USSD, still we want to draw T2's attention to the following observation:

- The stage 1 requires functionality, which is at present not covered in stage 2 of USSD (03.90).
- Where are the concepts of the entities mentioned in 02.90 (MExE servers and proxy servers) defined in GSM/UMTS specifications?
- Concerning External Addressing: are there requirements of T2 concerning this subject?
- What are the additional requirements for the core network for USSD application mode compared to USSD MMI mode?

TSG CN SS ad hoc would like to ask TSG T2 to consider these issues and to give us guidance on the points mentioned above.