

TSG-SA Working Group 1 (Services) meeting #3
Hampton Court, London, 10th-12th May 1999

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3GPP TSG-N WG2
ETSI STC SMG3 Working Party 'C'
Joint Meeting
Issy-les-Moulineaux, FRANCE
22 - 26 March 1999

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To: 3GPP TSG S1
ETSI SMG1

Source: Vodafone

Title: Proposed Liaison statement on CAMEL triggering criteria

The joint meeting of ETSI SMG3 WP'C' and 3GPP TSG N2 considered a change request to GSM 03.78 for CAMEL phase 2. This change request proposed a change to the text of GSM 03.78 to align the requirements for triggering criteria with those in GSM 02.78 v6.3.0. One of the changes, to refine the definition of a match between a dialled number and the stored dialled number string in the criteria so that the type of number for each of the two numbers has to be the same, was straightforward. However there was some concern about the restriction that the type of number which can be stored in the triggering criteria can be only "international" or "unknown". This was felt to be too tight a constraint, because the protocol for the transport of the dialled number from the MS to the network allows the transport of other types of number. Even though the MMI specified in GSM 02.30 defines only the possibility to instruct the MS to send numbers in "unknown" or "international" format, automatic applications running in the MS or an attached terminal could cause the MS to send a number in format other than "unknown" or "international".

We recognised that for CAMEL phase 2 it is probably too late to specify a relaxation of the constraints to allow other types of number to be specified in the triggering criteria, because this would destabilise the CAMEL phase 2 specifications. However:

For CAMEL phase 2, we recommend that the stage 1 specification should include a "health warning" to service designers, that the MS might send a number which is not in "international" or "unknown" format, and this would cause unexpected results if triggering criteria are set to handle only "international" or "unknown" format numbers;

For CAMEL phase 3, we recommend that the stage 1 specification should be extended to allow the use of a larger (but still finite) set of number formats in the definition of triggering criteria, to recognise all the number formats which the access protocol can transport from the MS to the network. If TSG-S1 agree to this principle, TSG-N2 will produce a list which enumerates the possible number formats which the MS can send to the network. This list can then be used to define the number formats which can be used for triggering criteria.

The text of a possible "health warning" for CAMEL phase 2 follows.

Service designers should note that the MS can send dialled numbers to the network in other formats besides "international" or "unknown". If triggering criteria rely on the MS sending only "international" or "unknown" format numbers, the service behaviour will be unexpected if the MS sends a number which is not in "international" or "unknown" format.

In view of the need to stabilise the CAMEL phase 2 specifications, SMG1 are asked to include the "health warning" in the stage 1 specification for CAMEL phase 2 as a matter of urgency, so that it can be approved by SMG #29.

TSG-S1 are asked to agree to the principle of allowing additional number formats to be used in triggering criteria as a matter of urgency, so that TSG-N2 can progress the stage 2 definition at their next meeting, which is in the week 17 - 21 May.