

**3GPP TSG-T (Terminals) Meeting #11  
Palm Springs, USA, 14 - 16 March, 2001**

***Tdoc TP-010011***

3GPP TSG-SA WG 1 #11  
Capetwon, SA, 6-9<sup>th</sup> February 2001

TSG S1-010177  
Agenda Item 7.11:

**Liaison Statement**

From: S1  
(Contact: Nick Sampson, Orange PCS, email: [nick.sampson@orange.co.uk](mailto:nick.sampson@orange.co.uk))

To: T3

Copy: TSG-T, T2

Subject: **Response to LS on “Introduction of features from the CPHS for 3G R4.”**

S1 thanks T3 for its liaison statement T3-000627 (attached) on the “Introduction of features from CPHS for 3G R4.”

S1 supports the inclusion of the CPHS features in 3GPP R4 and has reviewed the service requirements for the proposed features. A response on each proposed feature is given below.

**Voice Mail**

S1 endorsed the following requirements:

- Storage of mailbox dialling numbers on the SIM/USIM for several types of mailbox.
- Indication to the user of the status of messages on systems connected to the PLMN.
- Storage of this status indication on the SIM/USIM, allowing the status to be retained through power off/on, SIM/USIM movement between UEs etc.

S1 has agreed the attached change request to 22.101 to introduce these requirement (S1-010178).

**Network Operator Name**

In addition to T3-000627, S1 has also reviewed the LS from T3 in T3-010103 and the associated CRs, and will provide a separate response to both these LS.

**Diverted call**

S1 endorsed the following requirement:

- When CFU is activated, a notification shall be sent to the user. Subsequently, when the UE is in idle mode, an indication may be given to the user to show that CFU is active.
- This indication shall be stored on the SIM/USIM to allow the status to be retained through power off/on, SIM/USIM movement between UEs etc.

S1 has agreed the attached change request to 22.082 to introduce this requirement (S1-010073).

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3GPP T3 Meeting #16  
Seoul, Korea, 13 - 15 November, 2000

***Tdoc T3-000627***

**Liaison Statement**

**From: T3**  
**To: S1**  
**CC: TSG-T, T2**  
**Subject: Introduction of features from the CPHS for 3G R4**

(Contact: Philip Hooker, [philip.hooker@orange.co.uk](mailto:philip.hooker@orange.co.uk))

T3 has identified that the key features required to introduce the features from the CPHS document (T3-000450) for 3G R4, in accordance with the respective T3 work item are:

- Voice mail (including mailbox number storage, message waiting indication and message waiting indicator storage)
- Network operator name
- Diverted call indicator

It is recognised that the introduction of these features may require an amendment to the service requirements in TS 22.101.

The output from T3's initial investigation into the scale and scope of the work required to introduce these features is defined below:

➤ **Voice mail**

The CPHS feature defines the storage of a mailbox number, the message waiting indication and the message waiting indication storage. TS 23.038 defines the coding of the DCS byte to deliver the message waiting indication as a suitable alternative to CPHS, however additional storage is required for the mailbox number and message waiting indication as there is presently no suitable alternative for the storage of this information.

It is noted that TS 23.038 may need clarifications as a result of the inclusion of this feature.

➤ **Network operator name**

The CPHS feature allows the HPLMN network name string contained within the ME's own MoU list, which is displayed on the ME when registered to the HPLMN, to be replaced by the text string contained on the SIM. This feature ensures that the operator defined network name is displayed to the user when she is registered to her HPLMN.

➤ **Diverted call**

The CPHS feature stores the status of the subscriber's call forwarding unconditional supplementary service on the SIM, such that she can be made aware of this setting when her ME is in idle and / or when not registered to a PLMN. The storage of this status on the SIM allows the status to be retained irrespective of the ME being power cycled and / or the SIM being moved between MEs.

TS 22.082 and TS 22.030 define the call forwarding unconditional supplementary service and the MMI respectively. It is understood that the implementation of this feature would require a clarification of these specifications in this area.

From the investigation, T3 has recognised that a number of 3G specifications outside the scope of T3 are required to be amended to introduce these CPHS features. Therefore T3 requests S1 to confirm the service requirement to the effected groups, such that the introduction can continue.