3GPP   Document **NP-99112**

Technical Specification Group Core Networks
Meeting #3, Yokohama, 21-23 April 1999

Source: **SMG 3 WPA/ 3GPP_TSG_CN_WG1**

Title: **Agreed LSs from SMG3 WPA and**
                   3GPP_TSG_CN_WG1
Document for: Decision
Attention: Agenda item

CN1/SMG3 Plenary Meeting   **Tdoc Nxxxx XXX**
XX, Japan
26- April, 1999

Source : **SMG 3 WPA/ 3GPP_TSG_CN_WG1**

Title :

Agreed LSs from SMG3 WPA and 3GPP_TSG_CN_WG1

Proposed Agenda Item :
Presented for :   Approval

TO	CC	SUBJECT	STC_DOC
SMG3 WPB		Proposed Liaison Statement on timer definitions in the Network initiated MO call procedure	N1-99039
SMG1		LS back to SMG1:Addition of Daylight Saving Time (DST) parameter for NITZ	N1-99198
TSGS2	TSGN3, TSGS1 TSGT	Answer to LS in N1-99175:UMTS Call Control and Session Management	N1-99197
SMG AAE, SMG1, SMG4	SMG3 WPB/ 3GPP TSG CN ad-hoc on supplementary services	LS on ME Execution Environment (answer to 151)	N1-99196
SMG3 WPC, SMG4, SMG12		Liaison Statement on Length of Access Point Name and Protocol Configuration Options	N1-99174
SMG4 SMG3 WPB		LS SMG4:LS on UCS2 bit in Classmark 3	N1-99180
T1P1.5 SMG2 WPA		LS back to T1P1.5 on LCS, answer to 155: Location Services (LCS) specifications	N1-99165

ETSI 3GPP TSG CN1/SMG3 WPA   **Tdoc N1-99039**
Sophia Antipolis, France
22-25 March, 1999

From: SMG3-WPA
To: SMG3-WPB

Liaison Statement on timer definitions in the Network initiated MO call procedure

SMG3 WPA thanks SMG3 WPB for the liaison (Tdoc SMG3 98B276).

According to GSM 03.93, the network may send the RECALL message in different states, i.e. when the subscriber A is either idle or busy in another call.

- In the **idle case**, the network shall send the RECALL message and **start the CCBS recall timer (T4)** guarding the receipt of the SETUP message from the mobile.

- In the **busy case**, the network shall also send the RECALL message and **start the CCBS notification timer (T10)** guarding the receipt of the SETUP message from the mobile as well.

After expiry of T4 or T10 the treatment in the network is different. T4 and T10 may have different values.

In practice, only T4 or T10 can be running, never both. So in GSM 04.08, only the timer T334 has been introduced to map to both T4 and T10. T334 can take either the value of T4 or the value of T10 according to the subscriber is idle or busy with another call.

The approved CR A507 to GSM 04.08 is attached to provide clarification on the use of T334.

Title:	LS on UMTS Call Control and Session Management
Source:	TSGN1
To:	TSGS2
CC:	TSGN3, TSGS1, TSGT

TSGN WG1 thanks TSGS WG2 for their LS on UMTS Call Control and Session Management in TSGN WG1 Tdoc N1-99175.

TSGN WG1 understand the LS to mean that TSGS WG2 intends to seek TSGN WG1 guidance on the issue of choosing the CC/SM evolution path for the UMTS Release 99.

The issue was discussed during our meeting but no consensus could be reached. Alternative P5a was studied in detail and technical contributions on the CC aspects of this alternative were presented and discussed.

The main reason for not being able to reach a conclusion was that even though we can assess the meaning of alternatives P5a and P5c on protocol level, we do not seem to have sufficient knowledge and input documents on the other options, mainly H.323. Consequently further information to understand this alternative was requested.

Furthermore, it was agreed that although alternative P5c was seen as a feasible possibility to support the multimedia calls, this alternative can not be a complete solution to the question as it does not solve the problem for the Circuit Switched calls.

TSGN1 needs to have an answer to this question urgently. Due to this TSGN1 seeks the guidance of TSGS2 on the priorities of the requirements given in P1-P4. To guide the decision to the right direction TSGN WG1 asks for priorities to be defined for the points P1 to P4 in the original LS:

P1) GSM/UMTS shall enable the provisioning of multimedia services and with multivendor interworking between UE and network.

P2) Basic voice and PDP-context establishment shall be based on GSM CC/SM respectively.

P3) Handover and roaming to and from GSM shall be supported provided GSM is capable of supporting the ongoing media service.

P4) Ideas, concepts and procedures developed by other fora e.g. other standards bodies such as ITU, IETF etc. shall be included or referenced in the GSM/UMTS CC/SM when found suitable.

P5) The following major alternatives or a combination there-of are identified

> *P5a) Enhance GSM Call Control and Session Management by specifying GSM/UMTS specific procedures or using elements from H.323 or other standards.*

> *P5b) For multimedia services a new CC/SM protocol could be introduced as a peer to GSM/GPRS CC/SM - possibly by reference to other standards (eg H.323).*

> *P5c) For multimedia services a multimedia CC/SM protocol could be run transparently via a PDP-context established using GSM SM which would allow transparent handover and roaming between GSM and UMTS provided that GSM supports the QoS requirements.*

3GPP TSG CN WG1 / SMG3 WPA
Sophia Antipolis, France
March 22-25, 1999

Tdoc N1-99198
Revision of N1-99166

Source: **SMG3 WPA**
To: **SMG1**
Cc:

LS on Addition of Daylight Saving Time (DST) parameter for NITZ

SMG3 WPA thanks SMG1 for the liaison tdoc SMG1 (99)117 on the addition of daylight saving time (DST) parameter for NITZ.

In this liaison SMG1 has asked SMG3 to define procedures in 04.08 to allow this DST parameter to be added to the NITZ information.

SMG3 WPA has drafted the required CR which is attached for information.

SMG3 WPA is unsure whether this information may also be required in the sending and receiving of short messages. If this is required then 03.40 would need updating as well. SMG1 may consider asking SMG4 to do this if it is required.

3GPP TSG CN WG1
Sophia Antipolis, France
March 22-25, 1999

Tdoc N1-99196
Revision of N1-99160

Source: **SMG3 WPA**
To: **SMG AAE, SMG1, SMG4**
Cc: **SMG3 WPB/3GPP TSG CN ad-hoc on supplementary services**

LS on ME Execution Environment

SMG3 WPA thanks SMG AAE for the liaison tdoc PE99-010 as was sent to all SMG groups. SMG3 WPA (along with SMG9) is currently defining procedures for MM reset caused by change of MM data by SIM Toolkit, so welcomes this contribution which defines an environment to avoid these problems in the future.

SMG3 has been asked to include additional signalling in Release 99 to allow the network to record the source application of an automatic call to permit better traceability. In order to facilitate this, SMG3 WPA would like some guidance on the following issues:

(1) It has been stated that this signalling should work in conjunction with MSP. However MSP does not use standardised signalling (it has been decided to implement it via CAMEL), so it seems this is not possible.
(2) The signalling for CCBS (and other call related supplementary services) was done together with SMG3-WPB. This work would hence need to be done in close co-operation with the 3GPP TSG CN ad hoc group on Supplementary Services
(3) It has stated that if possible this should be done using Phase 2 signalling, to avoid problems when roaming in older networks. Should this be done in such a way that only user initiated calls are allowed in networks which do not support the trace-ability features?
(4) What information should be required for the traceability? (Examples could be a API identifier, and/or the originally entered called subscriber number)
(5) In some cases there may be more than one SIM connected to the ME. How should each SIM be identified in this instance?

From: SMG3 WPA

To: SMG3 WPC, SMG4, SMG12

Liaison Statement

Length of Access Point Name and Protocol Configuration Options

SMG3 WPA thanks SMG3 WPC, SMG4, and SMG12 for their feedback concerning the maximum length of the Access Point Name and the Protocol Configuration Options parameters.

It is SMG3 WPA's understanding that Access Point Name is limited to 100 octets, and that Protocol Configuration Options can be limited to 150 octets. WPA also notes that PCO may be increased beyond 150 octets in the future.

In order to support GPRS signalling messages that carry long APN and PCO parameters, WPA has agreed on a GSM 04.64 CR that sets the minimum-negotiable length of the relevant LLC frame information field to 400 octets. This length is seen as a reasonable trade-off between MS memory requirements and future signalling message expansion.

The 04.64 CR is attached for information.

3GPP TSG CN WG1 / SMG3 WPA
Sophia Antipolis, France
March 22-25, 1999   **Tdoc N1-99180**

Source: **SMG3 WPA**
To: **SMG4, SMG3 WPB**
Cc:

LS on UCS2 bit in Classmark 3

SMG3 WPA has detected a problem with the current wording of this bit in GSM 04.08. Attached is discussion document tdoc N1-99120 which highlights the problem.

SMG3 WPA asks SMG4 if the UCS2 classmark bit is considered by the SMS service centre prior to delivering an SMS to a mobile.

SMG3 WPA asks SMG3 WPB if the UCS2 classmark bit is considered by the MSc prior to sending a UCS2 encoded USSD string to the mobile.

SMG3 WPA is considering two possible options in order to improve the wording in 04.08.

Option 1)
Delete the UCS2 bit all together. This would seem to be sensible if the SMS service centre (and possibly the MSc for USSD) doesn't use this information.

Option 2)
Strengthen the existing wording to specify that the network shall not send UCS2 encoded strings to the mobile UNLESS the UCS2 bit is set.

Cell Broadcast information can also be UCS2 encoded, but as this is broadcast SMG3 WPA has assumed that the UCS2 classmark bit cannot impact the sending of UCS2 encoded Cell broadcast messages.

ETSI SMG3 WPA / 3GPP TSG-N WG1   **Tdoc N1-99165**
Sophia Antipolis, France
22-25 March, 1999

From: SMG3 WPA
To: T1P1.5
CC: SMG2-WPA

Liaison Statement on Location Services (LCS) specifications

SMG3 WPA thanks T1P1.5 for their liaison statement (Tdoc N1-99155), attached specifications (Tdoc N1-99156) and CRs (Tdoc N1-99157) for the support of LCS.

SMG3 WPA has identified that CRs to 04.07 and 04.08 belong to its scope. Thus, the CRs on these specifications will be studied by SMG3 WPA.

Furthermore SMG3 WPA would like to make some comments on the proposed CRs:

1. SMG2 WPA has made remark (N1-99149) that in CR to 04.08 the coding value of *CM Service Type* information element for Location Services is "xxxx". SMG3 WPA would like to propose the usage of value "1011" for indicating Location Services service type.

2. SMG3 WPA has identified that the base line version of the CR to 04.08 is incorrect. As approval is intended from SMG#29 the correct base line version would be 7.0.0.

Date: February 5, 1999

To: SMG3 WPA, SMG3 WPC

CC: SMG3

From: T1P1.5

Subject: Location Services (LCS) specifications

T1P1.5 would like to present to SMG3 WPA and WPC the following complete set of Location Services (LCS) phase I specifications for your information and review:

- GSM TS 02.71 version 1.0.0
- GSM TS 03.71 version 1.0.0
- GSM TS 04.71 version 1.0.0
- GSM TS 10.71 version 1.0.0
- CR against GSM TS 01.04
- CR against GSM TS 03.02
- CR against GSM TS 03.03
- CR against GSM TS 03.07
- CR against GSM TS 03.08
- CR against GSM TS 03.16
- CR against GSM TS 04.07
- CR against GSM TS 04.08
- CR against GSM TS 05.05
- CR against GSM TS 05.10
- CR against GSM TS 08.08
- CR against GSM TS 09.02
- CR against GSM TS 09.08

The complete set was presented at the SMG#28 plenary for information, and will be presented at SMG#29 for approval.

We would appreciate your support in reviewing the LCS specifications for which SMG3 WPA and WPC are responsible in a timely manner so that they can be approved at SMG#29.

ETSI STC SMG2WPA   Tdoc 2A99- 397

Chicago, USA

15th .. 19th March 99

Comments on LCS CR on 04.08

From: SMG2 WPA

To : SMG3-WPA, T1P1.5

SMG2 WPA has read the CR A454 on 04.08 V6.2.0 related to Location Services "Adding new CM Service Request Type and additional text in the handover section" proposed by T1P1.5.

SMG2WPA has no objection on the CR proposed as it is, but has made the following remarks :

- it seems important that SMG3WPA receives this document as well;

- the two new Recommandations referenced GSM 03.71: "Digital cellular telecommunications system (Phase 2+); Location Services; Functional description – Stage 2"., and GSM 04.71: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3 location services specification; Formats and coding" are not available to the best of our knowledge;

- the coding value of *CM Service Type* information element for Location Services is "xxxxxxx"; does it mean that the choice of the value is left to SMG3WPA ?