EP Railways Telecommunications meeting #15   RT-04127r1
Sophia Antipolis, France 20 - 21 October 2004

Title:	Liaison statement to 3GPP SA, SA WG1 for SMS into a group call
Release:	Rel-7
Work Item:	EGCS

Source:	EP RT (ETSI Project Railways Telecommunications)
To:	3GPP TSG SA, SA WG1
Cc:	

Contact Person:
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Attachments: S1-040991

1   References

SA1#26 S1-040991

2   Introduction

EPRT notes that the CR in [1] (attached) has just been accepted by SA1. EP RT opinion is that this CR could cause confusion amongst users and should therefore be modified or rejected.

3   Detail

The relevant part of the CR is as follows;

7.21 Short Message Service (SMS)

Subject to capabilities of the UE it shall be possible for the talker in a voice group call ~~as well as for other initiators of short messages that are not part of the voice group call~~ to send short messages to the established voice group call.

Subject to capabilities of the UE it shall be possible for other initiators of short messages that are not part of the voice group call to send short messages to a voice group call. If the voice group call is not established then the SMS will be stored and delivered to the service subscribers when the voice group is established.

EPRT considers this requirement could cause confusion to users. The membership of a group call depends upon subscription and location. It is not a static entity like a SMS distribution list which is better suited to sending SMS to a known list of users.

The effect of the requirement as agreed above could be that a SMS message is sent to a group call with some information relevant at the time. However the group call is not ongoing so the SMS is not sent. Later on (days even) the group call is established and the information is sent. However this information is no longer relevant and could actually be confusing.

To take an extreme example;

A railway emergency call which is a group call (with specific groupID) is ongoing, a dispatcher (a specific user) leaves the emergency call and sends some important SMS such as ìEverything OK ñ equipment now workingî. However the call has been closed before he sent the message so this information is stored at the SMS-C.

Later on another Emergency call is started in the same GCA. The users connected then receive the message ìEverything OK ñ equipment now workingî. This obviously has the potential to cause confusion.

4   Actions

EP RT kindly asks that this requirement is rejected due to the safety concerns the current requirement generates.

5   Date of Next EP RT meetings

EP RT#16: 19 21 January 2005.
EP RT#17: 19-21 April 2005

CR-Form-v7

CHANGE REQUEST

⌘ **42.068 CR 007** ⌘ **rev** - ⌘ Current version: **7.0.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: │ UICC apps⌘ **X**   ME **X** Radio Access Network **X** Core Network **X**

Title: ⌘	Sending a SMS to a Group	
Source: ⌘	HUAWEI	
Work item code:⌘	EGCS	**Date:** ⌘ 12/10/2004
Category: ⌘	B	**Release:** ⌘ Rel-7

Use one of the following categories:
F (correction)
A (corresponds to a correction in an earlier release)
B (addition of feature),
C (functional modification of feature)
D (editorial modification)
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use one of the following releases:
2   (GSM Phase 2)
R96   (Release 1996)
R97   (Release 1997)
R98   (Release 1998)
R99   (Release 1999)
Rel-4   (Release 4)
Rel-5   (Release 5)
Rel-6   (Release 6)

Reason for change: ⌘	It should be possible to send a short message to a group anytime, even if the group call is not established.
Summary of change:⌘	The requirement for sending a SMS to a group (even if the voice group call is not established) is added.
Consequences if not approved: ⌘	Initiator out of the group could not be aware of whether the voice group is establishe or not, so she/he will be hard to decide when to send SMS to a group if he can only send a SMS to an established voice group call(see S1-040725).

Clauses affected: ⌘	4.7.21

	Y	N		
Other specs ⌘	X		Other core specifications ⌘	43.068, 44.018, 48.008, 29.002
affected:		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

7.21   Short Message Service (SMS)

Subject to capabilities of the UE it shall be possible for the talker in a voice group call ~~as well as for other initiators of short messages that are not part of the voice group call~~ to send short messages to the established voice group call.

Subject to capabilities of the UE it shall be possible for other initiators of short messages that are not part of the voice group call to send short messages to a voice group call. If the voice group call is not established then the SMS will be stored and delivered to the service subscribers when the voice group is established.

Note 1: It is not required that listeners in a voice group call are able to send short messages.

A receipt confirmation, containing the group call reference of the voice group, may be returned to the sender of the short message. However no receipt confirmation shall be returned by individual members of the voice group.

Service subscribers who have activated the voice group call reception shall be able to receive the content of short messages sent to the group call. The terminal shall treat the received content in the same way as if it would have been received by the normal SMS mechanism.

Note 2: It is not required that dispatchers are able to receive the content of the SMS sent to the group.

Support of Short Message Service is optional in VGCS.