TSG-SA WG1 #27 **S1-050158**
Capetown, South Africa, 17th to 21st January 2005 **Agenda Item: 8**

Title:	**Improvements of VGCS in public networks for parallel use of services**
Source:	**T-Mobile, Vodafone, Siemens**
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Work Item Description

Title

Improvements of VGCS in public networks for **parallel use of services**

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services

2   Linked work items

SP 040304

3   Justification

Requirements for use of VGCS in public networks for communication of public authority officials have already been defined (SP-040304). These enhancements affected the group call itself. There is a need for further improvements, not directly concerning the group call but the use of other services in parallel (e.g. SMS to single users during an active group call, use of GPRS in parallel to a VGCS).

4   Objective

The objective of this work item is to create the required change requests to exsting VGCS specifications and related specifications to enhance VGCS with the additional capabilities to support other services in parallel.

5   Service Aspects

VGCS can be used for communication of public authority officials in a way that e.g. a group of policemen or firefighters constitute a voice group. Any member of the group, who is the current talker, will be heard by all other members.

The proposed improvements of the VGCS service functionality, that are to be introduced by the current work item shall comprise, but are not restricted to:

- Send or receive an SMS in parallel to active group call.
- Support of the use of GPRS in parallel for individual VGCS subscribers during an active group call

6   MMI-Aspects

The MMI for the use of VGCS in public networks for communication of public authority officials is not standardized in 3GPP.

7   Charging Aspects

None identified.

8   Security Aspects

None identified.

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes					
No					
Don't know	X	X	X	X	X

10   Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
42.068		Service Requirements for VGCS improvements		SA#28		
43.068		Stage 2 modifications for VGCS improvements		SA#29		
tbd						

11   Work item rapporteur(s)

Kurt Bischinger (T-Mobile)

12   Work item leadership

SA1

13   Supporting Companies

T-Mobile, Vodafone Group, Ericsson, Siemens

14 Classification of the WI (if known)

	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b   The WI is a Building Block: parent Feature

EGCS: Enhancements of VGCS in public networks (SP-040304)

14c   The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)