

Source: TSG CN WG1
Title: WI for Improvements of VGCS in public networks for parallel use of services
Agenda item: 10.1
Document for: APPROVAL

Introduction

This WI D has been approved in CN1-37 in N1-050379 and forwarded to CN-27 in NP-050062 for approval. The WID is revised in CN-27 to add HUAWEI as a supporting company.

Work Item Description

Title

Improvements of VGCS in public networks for parallel use of services

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

Enhancements of VGCS in public networks for communication of public authority officials (unique ID 11045).

Improvements of VGCS in public networks for parallel use of services (S1-050158) (unique ID 31062)

3 Justification

Requirements for use of VGCS in public networks for communication of public authority officials have already been defined . 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 existing 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 group member 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:

- Send or receive a SMS in parallel to an active group call (PtP SMS).
- 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	X	X	X	X	
No					
Don't know					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	
43.068		Stage 2 modifications for VGCS enhancements		CN#28	CN1	
44.068		Stage 3 modifications for VGCS enhancements		CN#29	CN1	
24.008		Stage 3 modifications for VGCS enhancements		CN#29	CN1	
29.002		Stage 3 enhancements of MAP messages for VGCS enhancements		CN#29	CN4	

11 Work item rapporteurs

Dieter Jacobsohn (T-Mobile)

12 Work item leadership

3GPP TS CN WG1

13 Supporting Companies

T-Mobile, Siemens, Vodafone, Ericsson, HUAWEI

14 Classification of the WI (if known)

This WI is a Feature.

	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
Enhancements of VGCS in public networks for communication of public authority officials (unique ID 11045)

14c The WI is a Work Task: parent Building Block
(one Work Item identified as a building block)