3GPP TSG-SA WG2 Meeting #30　　　　　　　　　　　　　　　　**Tdoc S2-030997**
Milan, Italy, 24th-28th February 2003

Title:	**Reply LS on updated WID for emergency call enhancements for IP & PS based calls**
Response to:	LS (S2-0305523, N1-030271)
Release:	6

Source:	SA WG2
To:	CN1, SA1, SA3, CN, CN3, CN4, RAN2, RAN3, GERAN2, GERAN3, T3
Cc:	

Contact Person:
　　Name:　　　　　**Magnus Olsson**
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Attachments:　　　WID: PS domain and IM CN subsystem impacts for supporting IMS Emergency calls (S2-030981)

1. Overall Description:

SA WG2 would like to thank CN WG1 for their LS on updated WID for emergency call enhancements for IP & PS based calls. SA2 offers a small apology for the confusion created on the work item structure. SA2 has followed the recommendation from CN WG1 to create a new feature level work item on the additions needed in GPRS and IMS to support IMS emergency sessions. The SA2 work item will include both emergency access scenarios, with UICC and without UICC.

CN1 Question a)	CN1 asks SA2 whether they agree to update the work plan and formally be in charge of the work needed in stage 1 and stage 2.
SA2 Answer:	*SA2 agrees to take responsibility of the feature level work item and stage 2 impacts of IMS emergency calls. SA2 will propose updates of the work plan accordingly. Regarding the Stage 1 impacts SA2 expects SA1 to create a new work task if needed.*
CN1 Question b)	CN1 would like to be informed if the stage 1 and stage 2 work for 'Emergency call enhancements' will be described by a separate WID or if this work is included in an existing WID owned by SA2.
SA2 Answer:	*It will be a new WID, see attachment SA2-030981.*
CN1 Question c)	CN1 would like to be informed if the WID for 'Emergency calls without UICC/SIM in networks with IMS, (unique id ID 2527)' will be updated. If not, CN1 will create a separate WID on this topic for the stage 3 details.
SA2 Answer:	*SA2 does not intend to update the WID "Emergency calls without UICC/SIM in networks with IMS". Rather the new SA2 feature level work item will include both the cases with and without UICCs. CN1 is welcome to keep separate work items or combine the work items into one.*

2. Actions:

To CN WG1 group.

ACTION: SA WG2 asks CN WG1 to take note of the information provided.

To SA WG1 group.

ACTION: SA WG2 asks SA WG1 to investigate if a new work task is needed for the stage 1 aspects of IMS emergency calls.

3. Date of Next TSG-SA WG2 Meetings:

TSG-SA WG2 Meeting #31	7th – 11th April 2003	Seoul, Korea
TSG-SA WG2 Meeting #32	12th – 16th May 2003	San Diego, US

Source:	**Nokia**
Title:	**Work Item Description:**
	PS domain and IM CN subsystem support for IMS Emergency sessions
Agenda item:	**11.1**
Document for:	**APPROVAL**

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Work Item Description

Title: PS domain and IM CN subsystem impacts for supporting IMS Emergency calls

1   3GPP Work Area

X	Radio Access
X	Core Network
	Services

2   Linked work items

(1646) Stage 3 for emergency calls and packet emergency calls in general

3   Justification

It shall be possible to establish an emergency session via the PS domain and the IM CN subsystem to meet the requirements defined in TS 22.101. Emergency sessions shall be routed to an emergency centre in accordance with national regulations. This may be based upon one or more default addresses stored in the ME and/or USIM. It shall be allowed to establish a PS emergency session without the need to dial a dedicated number to avoid the mis-connection in roaming case, such as connect by menu, or a linkage to a car air bag control.

4   Objective

The objective of this WI is to study and specify the functionalities required to meet the requirements as defined in TS 22.101 and other relevant specifications for emergency session handling in the PS domain and the IM CN subsystem. The objective is to specify the functionalities for both the UICC-less case, and the case when the UE has a valid UICC.

5   Service Aspects

As defined in TS 22.101 and other relevant specifications to include but not limited to:

The main focus is on:
- Support for SIP emergency sessions and related packet bearers

Points to be considered, too:
- Using the existing emergency numbering schemes
- Compliant with FCC mandates, European and other regulatory requirements
- Possibility to initiate emergency sessions to different emergency service centers, depending on the type of emergency
- The function shall be supported when roaming
- Relations with Location Services

6 MMI-Aspects

As defined in TS 22.101 and other relevant specifications, it shall be possible to implement different MMIs to invoke emergency services. This can be for example the dialled number, a dedicated Menu, one or more dedicated buttons, etc.

7 Charging Aspects

None.

In accordance to 22.101, no impacts on charging are foreseen.

8 Security Aspects

None.

In accordance to 33.102, no impacts on security are foreseen. But implications for access to PS domain & IM CN subsystem without security need to be considered.

9 Impacts

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

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
TR 23.8xx	PS domain and IM CN subsystem support for IMS Emergency sessions	SA2		TSG#20	TSG#21	
Affected existing specifications						
Spec No.	CR	Subject			Approved at plenary#	Comments
23.228					TSG#21	
23.060					TSG#21	
23.002					TSG#21	

11 Work item rapporteurs

Miikka Poikselka (Nokia)

12 Work item leadership

TSG-SA WG2

13   **Supporting Companies**

Nokia, Motorola, Ericsson, 3, Lucent, Siemens

14   **Classification of the WI (if known)**

X	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

Feature	Building block	Description
PS domain and IM CN subsystem support for MS Emergency sessions	Stage-2	SA2 will develop the stage-2 architectural concepts within the scope of this new Building Block. The present Work Item Description sheet intends to create this Building Block for stage-2 together with creating the Feature level work item.

14b   The WI is a Building Block: parent Feature

N/A

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

N/A