Work Item Description

Title: CS based Emergency Call Enhancements in R00

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services

2   Linked work items

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3   Justification

It shall be possible to establish an emergency speech call to the serving network. Emergency calls will be routed to the emergency services in accordance with national regulations. This may be based upon one or more default numbers stored in the ME and/or USIM. It shall be allowed to establish an emergency call without the need to dial a dedicated number to avoid the mis-connection in roaming case, such as menu, or a linkage to a car air bag control. This functionality shall be supported by the UE without a SIM/USIM being present. No other type than Emergency calls shall be accepted without a SIM/USIM.

It shall be possible for the called emergency instance to recall the emergency caller, if the call is interrupted. However, loss of radio contact is out of scope of this requirement. This functionality shall be supported with and without an USIM being present in the UE.

4   Objective

The objective of this WI is to study the functionalities required on the protocol level to meet the requirements as defined in TS 22.101, TS 22.976 and other relevant specifications.

5   Service Aspects

As defined in TS 22.101, TS 22.976 and other relevant specifications to include but not limited to:
- Using the existing emergency numbering schemes
- Compliant with FCC mandates, European and other regulatory requirements
- Possibility to initiate emergency calls to different emergency call centers, depending on the type of emergency
- Possibility to call back the emergency caller, if the emergency call dropped - a loss of radio contact shall not be considered
- The functions shall be supported, when roaming

6   MMI-Aspects

As defined in TS 22.101, TS 22.976 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 and 22.976, no impacts on charging are foreseen.

8 Security Aspects

None.
In accordance to 33.102, no impacts on charging are foreseen.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes	X			X	
No					
Don't know		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	
24.008		Category Type		TSG#9		
		Emergency call recalling capability enhancement		TSG#10		

11 Work item raporteurs

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12 Work item leadership

TSG-N1
Secondary responsibility: TSG-S1

13 Supporting Companies

Ericsson, NTT DoCoMo, NEC Corporation, Lucent Technologies

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

N/A

14b   The WI is a Building Block: parent Feature

Emergency call enhancements

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

N/A