CR-Form-v7

CHANGE REQUEST

| ⌘ | **22.101** CR **CRNum** | ⌘ **rev** | **-** | ⌘ Current version: | **4.8.0** | ⌘ |

*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⌘ ☐   ME **X** Radio Access Network ☐   Core Network ☐

Title:	⌘	Removal of unnecessary numbers from the ME default emergency number list
Source:	⌘	Nokia, Siemens

Work item code: ⌘	EMC1		**Date:** ⌘	1/12/2003

Category:	⌘	**A**			**Release:** ⌘	Rel-4

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: ⌘	Release Rel-4 ME default emergency number list contains some emergency numbers that are not needed and that will cause problems to some operators because they overlap used service or typed emergency call numbers (e.g. 110 is used as a typed emergency number in manu countries). These numbers are not needed in the list since operators that want to use these emergency numbers must anyway include them in the SIM list of emergency numbers since phones of earlier releases do not have these numbers but they are capable of reading the numbers from the SIM list. Removing these numbers eliminates the risk of unintentional (untyped emergency) calls to the emergency centre.
Summary of change: ⌘	Numbers 000, 08, 110 and 999 are removed from the list of emergency numbers that shall be stored in the ME (and used when SIM/USIM is present but does not contain emergenvy numbers). With this change the conflict is removed and we still leave the possibility to use the numbers that were removed from the default list as emergency numbers in those countries where it is necessary.
Consequences if not approved: ⌘	Conflicts between default emergency numbers and service numbers leading to inaccessibility of some service numbers. Unnecessary emergency calls may lead to legal issues in some countries.

Clauses affected:	⌘	9.1		

		Y	**N**		
Other specs	⌘		**X**	Other core specifications	⌘
Affected:			**X**	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	

9.1 General requirements

It shall be possible to establish an emergency speech call. Emergency calls will be routed to the emergency services in accordance with national regulations for where the subscriber is located. This may be based upon one or more default numbers stored in the ME. 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, by use of a 'red button', or a linkage to a car air bag control. Emergency Calls 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.

The Emergency call teleservice is required only if the UE supports telephony.

> Note: It will be left to the national authorities to decide whether the network should accept emergency calls without the SIM/USIM.

It shall be possible to initiate emergency calls to different emergency call centers, depending on the type of emergency. The following types of emergency calls shall be possible:

- Police

- Ambulance

- Fire Brigade

- Marine Guard

- Mountain Rescue

- Spare, at least [three] different types

When a SIM/USIM is present, subscriber specific emergency call set-up MMI shall be provided. The Home Environment operator shall specify preferred emergency call MMI(s) (e.g. 911 for US citizens or 110, 118 and 119 for Japanese citizens). This shall be stored in the SIM/USIM and the ME shall read this and use any entry of these digits to set up an emergency call. It shall be possible to store more than one instance of this field.

> Note: Release '98 and earlier SIM cards have the capability to store additional emergency call set-up MMI. However in many cases this has not been used.

It shall be possible to tie any emergency call number, specified in the preferred emergency call MMI(s) above, to any single emergency call type or to any combination of emergency types. The association between emergency numbers and emergency call type shall be able to be programmed by the Home Environment operator into the SIM/USIM.

> Example:
>
> Police (Albania)
>
> Police and Fire Brigade (Greek cities)
>
> Ambulance and Fire Brigade (Belgium)
>
> Police and Ambulance (Italy)
>
> General emergency call, all categories (Sweden)
>
> Fire Brigade (Italy)
>
> Ambulance (Austria)

> Note: if the UE does not recognise the emergency call MMI(s) (i.e. the dialled number is not stored in SIM/USIM) but the serving network recognises the dialled number as an emergency call number used in the country, a normal call set up takes place over the radio interface and after the serving network has recognised the emergency number the call is routed as an emergency call.

Note: The ME contains the following emergency numbers: 000, 08, 112, 110, 118, 119, 911 and 999. The availability of these numbers varies depending on the presence of the SIM/USIM and operator provisioned emergency numbers on the SIM/USIM.

When a SIM/USIM containing stored emergency numbers is present, those numbers are identified as emergency numbers. As an optional requirement, the ME shall also identify 112 and 911 as emergency numbers irrespective of whether these are stored in the SIM/USIM. Any other emergency numbers stored in the ME shall be ignored.

The following emergency numbers shall be stored in the ME for use when no emergency numbers are stored in the SIM/USIM: 000, 08, 112, 110, and 911 and 999.

Note: Emergency numbers stored in the ME, for use when no emergency numbers are stored in the SIM/USIM, should not overlap with existing service numbers used by any operator.

The user friendly MMI which specifies the type of emergency directly (e.g. menu) should be supported for use in any (i.e. home or visited) PLMN to avoid the mis-connection in roaming case. This shall be allowed to both with and without SIM/USIM being present.

The following emergency numbers shall be stored in the ME for use without SIM/USIM: 000, 08, 112, 110, 118, 119, 911 and 999.