CR-Form-v7

CHANGE REQUEST

⌘	**43.069** CR **007**	⌘**rev** **4** ⌘	Current version:	**5.1.0** ⌘

*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 **X** Core Network ☐

Title: ⌘	MS late entry notification	
Source: ⌘	Nortel Networks, Siemens, Sagem, Kapsch	
Work item code: ⌘	TEI5	***Date:*** ⌘ Oct. 31, 2002

Category: ⌘ **F**

Use one of the following categories:	Use one of the following releases:
F (correction)	2 (GSM Phase 2)
A (corresponds to a correction in an earlier release)	R96 (Release 1996)
B (addition of feature),	R97 (Release 1997)
C (functional modification of feature)	R98 (Release 1998)
D (editorial modification)	R99 (Release 1999)
Detailed explanations of the above categories can	Rel-4 (Release 4)
be found in 3GPP TR 21.900.	Rel-5 (Release 5)
	Rel-6 (Release 6)

Release: ⌘ Rel-5

Reason for change: ⌘	During establishment of a railway emergency call, ASCI capable mobiles engaged in an other call receive a notification on the FACCH about this call. When a railway emergency call is ongoing in an area and an user moves into this area via handover (engaged into an other call), this notification on FACCH is not provided.
Summary of change: ⌘	The technical solution of MS late entry notification is described
Consequences if not approved: ⌘	The open issue will still be opened. The requirement will never be fulfilled.

Clauses affected: ⌘	11.3.1.3

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

Other comments: ⌘	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

11.3.1.3   Notification procedures

Different notification procedures shall be applied in relation to the mode of the mobile station as presented in table 1 and defined in the following clauses.

Table 1: Overview on different information messages for new or on-going calls

call type: MS states:	broadcast call	point-to-point call
Idle mode	(section a)	(standard paging)
group receive mode	(section b)	(section c)
dedicated mode	(section b)	(standard Call Waiting) (note)
NOTE: Only for point to point calls with certain restrictions as defined in 3GPP TS 22.083.		

b) Notification for mobile stations in group receive, group transmit or dedicated mode

In addition to sending initial notification messages on the NCH for the voice broadcast call, the BSS can provide initial notification into on-going voice broadcast, group calls, and point to point calls informing mobile stations partaking in these calls of new voice broadcast calls that are being set-up in the cell.

> NOTE 2:   The additional notification into on-going voice broadcast, group calls and point to point calls should be provided by the BSS if the priority level of the new call is equal or higher than the O&M defined priority level.

In order to do this the BSS sends initial notification messages on FACCH to all on-going voice broadcast, group calls, and point to point calls in the cell. The initial notification message on FACCH shall contain the broadcast call reference, the priority level if eMLPP applies and possibly the TCH description which allows the mobile station to connect directly to the new call without reading the NCH.

An indication of change of notifications in the current cell may be provided on SACCH by the BSS.

As a mobile station option, the mobile station may read the NCH of the current cell while in group receive, group transmit or dedicated mode in order to be notified on other voice broadcast calls.

> NOTE 3:   Mobile stations may require an additional receiver to read the NCH in order to ensure a higher probability of receiving notifications for all present voice broadcast calls without degradation of the received speech quality.

If a mobile station in group transmit or dedicated mode (including call setup phase) is moving to or roaming in an area where a voice broadcast call is on-going with priority level equal to or higher than an operator specific setting, the BSS shall resend the notification message to the mobile station on FACCH, if the mobile station has ASCI capabilities.

If a mobile station in group receive mode is moving to a cell, the mobile station shall read the full NCH of the new cell.