

3GPP TSG_CN#6
ETSI SMG3 Plenary Meeting #6,
Nice, France
13th – 15th December 1999

NP-99459

Agenda item: 5.1.3
Source: TSG_N WG1
Title: CR048r1/ 24.008 on Paging Response in UMTS/ GSM-UMTS interworking

Introduction:

This document contains “1” CRs agreed by **TSG_N WG1** and forwarded to **TSG_N Plenary** meeting **#6** for approval.

Tdoc	Spec	CR	Rev	CAT	Rel.	Old Ver	New Ver	Subject
N1-99D41	24.008	048	1	B	R99	3.1.0	3.2.0	Paging response in UMTS

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

24.008 CR 048r1

Current Version: **3.1.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

For submission to: **CN#6**
list expected approval meeting # here ↑

for approval
for information

strategic
non-strategic (for SMG use only)

Form: CR cover sheet, version 2 for 3GPP and SMG The latest version of this form is available from: <ftp://ftp.3gpp.org/Information/CR-Form-v2.doc>

Proposed change affects: (U)SIM ME UTRAN / Radio Core Network
(at least one should be marked with an X)

Source: Fujitsu

Date:

Subject: Paging Response in UMTS

Work item: GSM-UMTS interworking

Category:
F Correction
A Corresponds to a correction in an earlier release
B Addition of feature
C Functional modification of feature
D Editorial modification

(only one category shall be marked with an X)

Release:
Phase 2
Release 96
Release 97
Release 98
Release 99
Release 00

Reason for change:

The Paging Response message is defined in RR protocol. The specification defining the message is GSM 04.18, which is under the responsibility of ETSI SMG. This message is meaningful both for the radio access network and the core network. The problem is that the message is invisible from 3GPP though it is an essential message. Consequently 3GPP UMTS specification is incomplete as this important message having also core network scope is not part of UMTS specification.

The Paging Response message is similar to the CM Service Request message considering its nature of functionality. It is proposed to move the responsibility of the message from ETSI SMG2 to 3GPP N1 though the PD is still indicating RR.

This modification is not impacting on any implementation but a correction of a mistake in specification partitioning to radio access network part and CN part which was made during GSM 04.08 split. This is already reflected by PAGING RESPONSE message consisting of information elements which already appear under common information elements and have been agreed to be under shared responsibility of TSG-N1 and SMG2 WPA.

Clauses affected: 9.1

Other specs affected:
Other 3G core specifications → List of CRs:
Other GSM core specifications → List of CRs:
MS test specifications → List of CRs:
BSS test specifications → List of CRs:
O&M specifications → List of CRs:

Other comments:



help.doc

-----> double-click here for help and instructions on how to create a CR.

9.1 Messages for Radio Resources management

See 04.18 except for paging response message.

9.1.1 Paging response

This message is sent by the mobile station to the network in connection with establishment of the main signalling link as a response to the paging request message. See table 9.xx/GSM 04.08.

Message type: PAGING RESPONSE

Significance: dual

Direction: mobile station to network

Table 9.xx/GSM 04.08: PAGING RESPONSE message content

<u>IEI</u>	<u>Information element</u>	<u>Type / Reference</u>	<u>Presence</u>	<u>Format</u>	<u>length</u>
	<u>RR management</u> <u>Protocol Discriminator</u>	<u>Protocol Discriminator</u> <u>10.2</u>	<u>M</u>	<u>V</u>	<u>1/2</u>
	<u>Skip Indicator</u>	<u>Skip Indicator</u> <u>10.3.1</u>	<u>M</u>	<u>V</u>	<u>1/2</u>
	<u>Paging Response</u> <u>Message Type</u>	<u>Message Type</u> <u>10.4</u>	<u>M</u>	<u>V</u>	<u>1</u>
	<u>Ciphering Key Sequence</u> <u>Number</u>	<u>Ciphering Key Sequence</u> <u>Number</u> <u>10.5.1.2</u>	<u>M</u>	<u>V</u>	<u>1/2</u>
	<u>Spare Half Octet</u>	<u>Spare Half Octet</u> <u>10.5.1.8</u>	<u>M</u>	<u>V</u>	<u>1/2</u>
	<u>Mobile Station</u> <u>Classmark</u>	<u>Mobile Station</u> <u>Classmark 2</u> <u>10.5.1.6</u>	<u>M</u>	<u>LV</u>	<u>4</u>
	<u>Mobile Identity</u>	<u>Mobile Identity</u> <u>10.5.1.4</u>	<u>M</u>	<u>LV</u>	<u>2-9</u>

10.4 Message Type

The message type IE and its use are defined in TS 24.007 [20]. Tables 10.3/TS 24.008, 10.4/TS 24.008, and 10.4a/TS 24.008 define the value part of the message type IE used in the Mobility Management protocol, the Call Control protocol, and Session management protocol. Only the message type IE value of paging response message is an exceptionally defined in 24.008 though it is a Radio Resource management message.

Table 10.1/GSM 24.008 (page 1 of 1): Message types for Radio Resource management

8	7	6	5	4	3	2	1	
0	0	1	0	0	-	-	-	Paging and Notification messages:
					1	1	1	- <u>PAGING RESPONSE</u>
<u>All other values shall not be assigned in this specification.</u>								

(continued...)