

Agenda Item: 6.2.3

Source: T2

Title: R98 Change Requests

Document for: Approval

Spec	CR	Rev	Phase	Subject	Cat	Vers Curr	Vers New	T2 Tdocs	Workitem
03.41	A061		R98	Defining Assisted GPS Broadcast Identifiers	F	7.3.0	7.4.0	T2-000552	TEI

CHANGE REQUEST

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

03.41 CR A061

Current Version: **V7.3.0**

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

↑ CR number as allocated by MCC support team

For submission to: **T #9**
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:
(at least one should be marked with an X)

(U)SIM ☐ ME ☒ UTRAN / Radio ☐ Core Network ☐

Source: **T2**

Date: **Aug 29, 2000**

Subject: **Defining Assisted GPS Broadcast Identifiers.**

Work item: **TEI**

Category:

(only one category
shall be marked
with an X)

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

Release:

Phase 2 ☐
Release 96 ☐
Release 97 ☐
Release 98 ☒
Release 99 ☐
Release 00 ☐

Reason for change:

There is a misalignment between the recently completed GSM 04.35 (Broadcast Network Assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) Positioning Methods) and 03.41/23.041.

One of the aims of the LCS work within 3GPP has been to align the assisted GPS method with that used in GSM, as defined by ETSI and T1P1.5.

This CR proposes to make corresponding changes to the 3GPP specifications in order to maintain alignment with the GSM specifications.

Clauses affected: **9.3.2.2**

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:

As 04.35 has only just been completed, it is unlikely any implementation exists that utilises 03.41/23.041 in its current form.

There are no known implementations to the knowledge of T2 SWG3 delegates.



help.doc

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

***** NEXT MODIFIED SECTION*****

9.3.2.2 Message Identifier

This parameter identifies the source and type of the message. For example, "Automotive Association" (= source), "Traffic Reports" (= type) could correspond to one value. A number of messages may originate from the same source and/or be of the same type. These will be distinguished by the Serial Number. The Message Identifier is coded in binary.

The ME shall attempt to receive the CBS messages whose Message Identifiers are in the "search list". This "search list" shall contain the Message Identifiers stored in the EF_{CBMI}, EF_{CBMID} and EF_{CBMIR} files on the SIM (see GSM 11.11) and any Message Identifiers stored in the ME in a "list of CBS messages to be received". If the ME has restricted capabilities with respect to the number of Message Identifiers it can search for, the Message Identifiers stored in the SIM shall take priority over any stored in the ME.

The use/application of the Message Identifier is shown in the following list, with octet 3 of the Message Identifier shown first, followed by octet 4. Thus "1234" (hex) represents octet 3 = 0001 0010 and octet 4 = 0011 0100.

0000 - 03E7 (hex): To be allocated by PLMN operator associations. If a Message Identifier from this range is in the "search list", the ME shall attempt to receive such message.

This version of GSM 03.41 does not prohibit networks from using Message Identifiers in the range 0000 - 03E7 (hex) for Cell Broadcast Data Download to the SIM.

03E8 (hex) LCS CBS Message Identifier for E-OTD Assistance Data message

03E9 (hex) LCS CBS Message Identifier for DGPS Correction Assistance Data message

03EA (hex) LCS CBS Message Identifier for GPS Ephemeris and Clock Correction ~~GPS Navigation Message Bits~~ Data message

03EB (hex): LCS CBS Message Identifier for GPS Almanac and Other Data message.

03ECB - 0FFF (hex): Intended for standardization in future versions of GSM 03.41. These values shall not be transmitted by networks that are compliant to this version of GSM 03.41. If a Message Identifier from this range is in the "search list", the ME shall attempt to receive this message.

1000 - 107F (hex): Networks shall only use Message Identifiers from this range for Cell Broadcast Data Download in "clear" (i.e. unsecured) to the SIM (see GSM 11.14). If a message Identifier from this range is in the "search list", the ME shall attempt to receive this message.

1080 - 10FF (hex): Networks shall only use Message Identifiers from this range for Cell Broadcast Data Download secured according to GSM 03.48 [15] to the SIM (see GSM 11.14). If a message Identifier from this range is in the "search list", the ME shall attempt to receive this message.

1100 - 9FFF (hex): intended for standardization in future versions of GSM 03.41. These values shall not be transmitted by networks that are compliant to this version of GSM 03.41. If a Message Identifier from this range is in the "search list", the ME shall attempt to receive this message.

A000 - AFFF (hex): PLMN operator specific range. The type of information provided by PLMN operators using these Message Identifiers is not guaranteed to be the same across different PLMNs. If a Message Identifier from this range is in the "search list", the ME shall attempt to receive this message.

B000 - FFFE (hex): intended as PLMN operator specific range in future versions of GSM 03.41. These values shall not be transmitted by networks that are compliant to this version of GSM 03.41. If a Message Identifier from this range is in the "search list", then the ME shall attempt to receive this message.

FFFF (hex): Reserved, and should not be used for new services, as this value is used on the SIM to indicate that no Message Identifier is stored in those two octets of the SIM. If this Message Identifier is in the "search list", the ME shall attempt to receive this message.

Generally, the MMI for entering these codes in the ME is left to the manufacturers' discretion. However, the 1000 lowest codes shall be capable of being specified via their decimal representation i.e.:

Octet 3	Octet 4	
0000 0000	0000 0000	(decimal '000')
0000 0000	0000 0001	(decimal '001')
0000 0000	0000 0010	(decimal '002')
0000 0000	0000 0011	(decimal '003')
	:	:
	:	:
0000 0011	1110 0111	(decimal '999')