

3GPP TSG-S4 meeting #10
Helsinki, Finland, 28 Feb – 3 Mar 2000

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3G CHANGE REQUEST

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

26.101 CR 004

Current Version: **3.0.0**

3G specification number ↑

↑ CR number as allocated by 3G support team

For submission to TSG **SA#7** for approval (only one box should
 list TSG meeting no. here ↑ for information be marked with an X)

Form: 3G CR cover sheet, version 1.0 The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf

Proposed change affects:
 (at least one should be marked with an X)

USIM

ME

UTRAN

Core Network

Source:

Nokia

Date:

2-Mar-2000

Subject:

Clarification of bit transmission order for AMR frame structure parameters for AMR IF1.

3G Work item:

AMR

Category:

F Correction

A Corresponds to a correction in a 2G specification

B Addition of feature

C Functional modification of feature

D Editorial modification

(only one category shall be marked with an X)

Reason for change:

In the present version of TS 26.101 the AMR IF1 Core Frame description does not unambiguously describe the bit ordering of certain AMR frame structure parameters.

Clauses affected:

4.3

Other specs affected:

Other 3G core specifications

→ List of CRs:

Other 2G 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.

4.2 AMR frame composition

The compound AMR frame is formed as a concatenation of AMR Header, AMR Auxiliary Information, and AMR Core Frame, in this order. The first bit of the AMR frame is the first bit of the Frame Type field. The last bit of the AMR frame is the last bit of AMR Core Frame which is the last bit of speech bits or the last bit of comfort noise bits as defined in Sections 4.2.1 and 4.2.3. The bit ordering for each parameter in AMR Header and AMR Auxiliary Information is defined so that the first bit is the least significant bit (LSB) and the last bit is the most significant bit (MSB).

Table 5 below summarizes all possible AMR frame format combinations in terms of number of bits in each field.