

**Source:** TSG SA1  
**Title:** CR to 22.002 on corrections on 3.1kHz audio support  
**Document for:** Approval  
**Agenda Item:** 5.1.3

Doc-1st-	Status-	Spec	CR	Rev	Pha	Subject	Cat	Version	Versio
SP-000054		22.002	005		R99	Corrections on 3,1 kHz Audio support	F	3.2.0	3.3.0

## CHANGE REQUEST

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

**22.002 CR 005**

Current Version: **3.2.0**

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

↑ CR number as allocated by MCC support team

For submission to: **SA # 7**  
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:**

TSG SA1

**Date:**

1/2/2000

**Subject:**

Corrections on 3,1 kHz Audio support

**Work item:**

**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:**

←3,1 kHz Audio support for 33.6 kbit/s shall include also SYNC T.

**Clauses affected:**

3.1.1

**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.

## 3.1 General bearer service user data characteristics

The tables below describe the characteristics of the General Bearer Services. The indicated fixed network user rates are possible, but support of General Bearer Service does not imply support of all rates.

### 3.1.1 3,1 kHz Audio

Fixed Network User Rate	Access Structure	Information Transfer Capability	QoS attributes	Note
0.3 kbit/s	Asynch	3,1 kHz	NT or T	note 2
1.2 kbit/s	Asynch, Synch	3,1 kHz	NT or T	notes 1 and 2
2.4 kbit/s	Asynch, Synch	3,1 kHz	NT or T	note 2
4.8 kbit/s	Asynch, Synch	3,1 kHz	NT or T	note 2
9.6 kbit/s	Asynch, Synch	3,1 kHz	NT or T	
14.4 kbit/s	Asynch, Synch	3,1 kHz	NT or T	
19.2 kbit/s	Asynch, Synch	3,1 kHz	NT or T	
28.8 kbit/s	Asynch, Synch	3,1 kHz	NT or T	
33.6 kbit/s	Asynch, Synch	3.1 kHz	NT or T	
	Asynch	3,1 kHz	NT	Note 3

NOTE 1: Not applicable to synchronous NT service.

NOTE 2: These services are also supported by the GSM Phase 2 Specifications.

NOTE 3: This is used with high speed modems such as V.90 (56kbit/s). Modem type = 'Autobauding Type 1' is selected. FNUR has no meaning in this case.