**Source:**  **TSG-SA WG4**

**Title:   CRs to TS 26.111 - Removal of Reference to TS 26.112 (R99, Release 4 and Release 5)**

**Document for:**  **Approval**

**Agenda Item:**  **7.4.3**

The following CRs, agreed at the TSG-SA WG4 meeting #26, are presented to TSG SA #20 for approval.

| Spec | CR | Rev | Phase | Subject | Cat | Vers | WG | Meeting | S4 doc |
|------|-----|-----|-------|---------|-----|------|----|---------|--------|
| 26.111 | 007 | 1 | R99 | Removal of Reference to TS 26.112 | F | 3.4.0 | S4 | TSG-SA WG4#26 | S4-030423 |
| 26.111 | 008 | 1 | Rel-4 | Removal of Reference to TS 26.112 | A | 4.0.0 | S4 | TSG-SA WG4#26 | S4-030424 |
| 26.111 | 009 | 1 | Rel-5 | Removal of Reference to TS 26.112 | A | 5.0.0 | S4 | TSG-SA WG4#26 | S4-030425 |

CR-Form-v7

# CHANGE REQUEST

| ⌘ | **TS26.111 CR 007** | ⌘ **rev** | **1** | ⌘ | Current version: | **3.4.0** | ⌘ |

*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 ☐   Core Network ☐

| | | |
|---|---|---|
| ***Title:*** ⌘ | Removal of Reference to TS 26.112 | |
| ***Source:*** ⌘ | TSG SA WG4 | |
| ***Work item code:*** ⌘ | CSM | ***Date:*** ⌘  10/06/2003 |

| | | | |
|---|---|---|---|
| ***Category:*** ⌘ | **F** | ***Release:*** ⌘  R99 | |

*Use one of the following categories:*
**F** *(correction)*
**A** *(corresponds to a correction in an earlier release)*
**B** *(addition of feature),*
**C** *(functional modification of feature)*
**D** *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

*Use one of the following releases:*
2  *(GSM Phase 2)*
R96  *(Release 1996)*
R97  *(Release 1997)*
R98  *(Release 1998)*
R99  *(Release 1999)*
Rel-4  *(Release 4)*
Rel-5  *(Release 5)*
Rel-6  *(Release 6)*

| | |
|---|---|
| ***Reason for change:*** ⌘ | This specification references TS 26.112, which was withdrawn for Release-99, and so the referenced document does not exist. |
| ***Summary of change:*** ⌘ | Remove references to TS 26.112.  For call setup, we instead point out that the relevant references are found in TS 26.110. |
| ***Consequences if not approved:*** ⌘ | An incorrect reference will persist in the specification, which will cause confusion and wasted time for implementers. |

| | |
|---|---|
| ***Clauses affected:*** ⌘ | Introduction, 2, 7 |

| | 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.

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# Introduction

In the present document is described additions, deletions, and changes made to ITU-T H.324 with annex C for the purpose of using that recommendation as a basis for the technical specification for circuit switched multimedia service in 3GPP networks. The present document does not address call setup procedures, but references to the specifications which cover call setup are found in 3GPP TS 26.110 [12].which are described in 3GPP TS 26.112.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

[1]         ITU-T Recommendation H.223: "Multiplexing protocol for low bitrate multimedia communication".

[2]         ITU-T Recommendation H.223 - Annex A: "Multiplexing protocol for low bitrate multimedia communication over low error-prone channels".

[3]         ITU-T Recommendation H.223 - Annex B: "Multiplexing protocol for low bitrate multimedia communication over moderate error-prone channels".

[4]         ITU-T Recommendation H.223 - Annex C: "Multiplexing protocol for low bitrate multimedia communication over highly error-prone channels".

[5]         ITU-T Recommendation H.223 - Annex D: "Optional multiplexing protocol for low bitrate multimedia communication over highly error-prone channels".

[6]         ITU-T Recommendation H.245: "Control protocol for multimedia communication".

[7]         ITU-T Recommendation G.723.1: "Dual rate speech coder for multimedia communication transmitting at 5,3 and 6,3 kbit/s".

[8]         ITU-T Recommendation H.263: "Video coding for low bitrate communication".

[9]         ITU-T Recommendation H.261: "Video CODEC for audiovisual services at p X 64 kbit/s".

[10]        ITU-T Recommendation H.324: "Terminal for low bitrate multimedia communication".

[11]        3GPP Technical Specification 3GPP TS 26.111: "Modifications to H.324".

[12]        3GPP Technical Specification 3GPP TS 26.110₂: "Codec for Circuit Switched Multimedia Telephony Service; General description".

"Call Set Up Requirements".

[13]        3GPP Technical Reference 3GPP TS 26.911: "Terminal Implementor's Guide".

[14]　　　ITU-T Recommendation X.691: "Information Technology - ASN.1 Encoding Rules - Specification of Packed Encoding Rules (PER)".

[15]　　　International Standard ISO/IEC 14496-2: "Information technology - Generic coding of audio-visual object - Part 2: Visual, 1999".

[16]　　　3GPP Technical Specification 3GPP TS 26.071: "Mandatory Speech Codec; General Description".

[17]　　　3GPP Technical Specification 3GPP TS 26.090: "Mandatory Speech Codec; Speech Transcoding Functions".

[18]　　　3GPP Technical Specification 3GPP TS 26.073: "Mandatory Speech Codec; ANSI C-Code".

[19]　　　International Standard ISO/IEC 14496-2 "Study on FPDAM 4", (ISO/IEC WG11 N3670)

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# 7　　Terminal procedures

See 3GPP TS 26.112110 [12].

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# CHANGE REQUEST

| ⌘ | **TS26.111** CR **008** | ⌘ **rev** | **1** | ⌘ | Current version: | **4.0.0** | ⌘ |

*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 ☐ Core Network ☐

| | | |
|---|---|---|
| ***Title:*** ⌘ | Removal of Reference to TS 26.112 | |
| ***Source:*** ⌘ | TSG SA WG4 | |
| ***Work item code:*** ⌘ | CSM | ***Date:*** ⌘ 10/06/2003 |
| ***Category:*** ⌘ **A** | | ***Release:*** ⌘ Rel-4 |

Use <u>one</u> of the following categories:
**F** (correction)
**A** (corresponds to a correction in an earlier release)
**B** (addition of feature),
**C** (functional modification of feature)
**D** (editorial modification)
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

| | |
|---|---|
| ***Reason for change:*** ⌘ | This specification references TS 26.112, which does not exist for Release-4. |
| ***Summary of change:*** ⌘ | Remove references to TS 26.112. For call setup, we instead point out that the relevant references are found in TS 26.110. |
| ***Consequences if not approved:*** ⌘ | An incorrect reference will persist in the specification, which will cause confusion and wasted time for implementers. |

| | |
|---|---|
| ***Clauses affected:*** ⌘ | Introduction, 2, 7 |

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

| | |
|---|---|
| ***Other comments:*** ⌘ | |

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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.

. . .

# Introduction

In the present document is described additions, deletions, and changes made to ITU-T Recommendation H.324 [10] with annex C for the purpose of using that recommendation as a basis for the technical specification for circuit switched multimedia service in 3GPP networks. The present document does not address call setup procedures, but references to the specifications which cover call setup are found in 3GPP TS 26.110 [11].

which are described in 3GPP TS 26.112 [11].

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# 2      References

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[1]         ITU-T Recommendation H.223: "Multiplexing protocol for low bit rate multimedia communication".

[2]         ITU-T Recommendation H.223 - Annex A: "Multiplexing protocol for low bit rate multimedia mobile communication over low error-prone channels".

[3]         ITU-T Recommendation H.223 - Annex B: "Multiplexing protocol for low bit rate multimedia mobile communication over moderate error-prone channels".

[4]         ITU-T Recommendation H.223 - Annex C: "Multiplexing protocol for low bit rate multimedia mobile communication over highly error-prone channels".

[5]         ITU-T Recommendation H.223 - Annex D: "Optional multiplexing protocol for low bit rate multimedia mobile communication over highly error-prone channels".

[6]         ITU-T Recommendation H.245: "Control protocol for multimedia communication".

[7]         ITU-T Recommendation G.723.1: "Dual rate speech coder for multimedia communication transmitting at 5,3 and 6,3 kbit/s".

[8]         ITU-T Recommendation H.263: "Video coding for low bitrate communication".

[9]         ITU-T Recommendation H.261: "Video CODEC for audiovisual services at px64 kbit/s".

[10]        ITU-T Recommendation H.324: "Terminal for low bitrate multimedia communication".

[11]        3GPP TS 26.~~112~~110: "Codec for Circuit Switched Multimedia Telephony Service; General description".

[12]        3GPP TR 26.911: "Codec for circuit switched multimedia telephony service; terminal implementor's Guide (Release 4)".

[13]        ITU-T Recommendation X.691: "Information Technology - ASN.1 Encoding Rules - Specification of Packed Encoding Rules (PER)".

[14]        ISO/IEC 14496-2: "Information technology - Coding of audio-visual objects - Part 2: Visual".

[15]        3GPP TS 26.071: "General description".

[16]        3GPP TS 26.090: "Transcoding functions".

[17]        3GPP TS 26.073: "Adaptive Multi-Rate (AMR); ANSI C source code".

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# 7 Terminal procedures

See 3GPP TS 26.110 [11].

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CR-Form-v7

# CHANGE REQUEST

| ⌘ | **TS26.111** CR **009** | ⌘ **rev** | **1** | ⌘ | Current version: | **5.0.0** | ⌘ |

*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 ☐  Core Network ☐

| | | |
|---|---|---|
| ***Title:*** ⌘ | Removal of Reference to TS 26.112 | |
| ***Source:*** ⌘ | TSG SA WG4 | |
| ***Work item code:*** ⌘ | CSM | ***Date:*** ⌘ 10/06/2003 |
| ***Category:*** ⌘ **A** | | ***Release:*** ⌘ Rel-5 |

Use <u>one</u> of the following categories:
   ***F*** *(correction)*
   ***A*** *(corresponds to a correction in an earlier release)*
   ***B*** *(addition of feature),*
   ***C*** *(functional modification of feature)*
   ***D*** *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
   *2*     *(GSM Phase 2)*
   *R96*  *(Release 1996)*
   *R97*  *(Release 1997)*
   *R98*  *(Release 1998)*
   *R99*  *(Release 1999)*
   *Rel-4* *(Release 4)*
   *Rel-5* *(Release 5)*
   *Rel-6* *(Release 6)*

| | |
|---|---|
| ***Reason for change:*** ⌘ | This specification references TS 26.112, which does not exist for Release-5. |
| ***Summary of change:*** ⌘ | Remove references to TS 26.112.  For call setup, we instead point out that the relevant references are found in TS 26.110. |
| ***Consequences if not approved:*** ⌘ | An incorrect reference will persist in the specification, which will cause confusion and wasted time for implementers. |

| | |
|---|---|
| ***Clauses affected:*** ⌘ | Introduction, 2, 7 |

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

| | |
|---|---|
| ***Other comments:*** ⌘ | |

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...

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# Introduction

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which are described in 3GPP TS 26.112 [11]

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[1]             ITU-T Recommendation H.223: "Multiplexing protocol for low bit rate multimedia communication".

[2]             ITU-T Recommendation H.223 - Annex A: "Multiplexing protocol for low bit rate multimedia mobile communication over low error-prone channels".

[3]             ITU-T Recommendation H.223 - Annex B: "Multiplexing protocol for low bit rate multimedia mobile communication over moderate error-prone channels".

[4]             ITU-T Recommendation H.223 - Annex C: "Multiplexing protocol for low bit rate multimedia mobile communication over highly error-prone channels".

[5]             ITU-T Recommendation H.223 - Annex D: "Optional multiplexing protocol for low bit rate multimedia mobile communication over highly error-prone channels".

[6]             ITU-T Recommendation H.245: "Control protocol for multimedia communication".

[7]             ITU-T Recommendation G.723.1: "Dual rate speech coder for multimedia communication transmitting at 5,3 and 6,3 kbit/s".

[8]             ITU-T Recommendation H.263: "Video coding for low bitrate communication".

[9]             ITU-T Recommendation H.261: "Video CODEC for audiovisual services at px64 kbit/s".

[10]            ITU-T Recommendation H.324: "Terminal for low bitrate multimedia communication".

[11]            3GPP TS 26.1102: "Codec for Circuit Switched Multimedia Telephony Service; General description".

[12]            3GPP TR 26.911: "Codec for circuit switched multimedia telephony service; terminal implementor's Guide (Release 4)".

[13]         ITU-T Recommendation X.691: "Information Technology - ASN.1 Encoding Rules - Specification of Packed Encoding Rules (PER)".

[14]         ISO/IEC 14496-2: "Information technology - Coding of audio-visual objects - Part 2: Visual".

[15]         3GPP TS 26.071: "General description".

[16]         3GPP TS 26.090: "Transcoding functions".

[17]         3GPP TS 26.073: "Adaptive Multi-Rate (AMR); ANSI C source code".

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# 7      Terminal procedures

See 3GPP TS 26.1102 [11].

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