

**TSG-RAN Meeting #15  
Cheju, Korea, 5 - 8 March 2002**

**TSGRP#15(02) 0171**

**Title: Agreed CRs to TS 25.424**

**Source: TSG-RAN WG3**

**Agenda item: 7.3.3/7.3.4**

RP_Num	Tdoc_Num	Specification	CR_Num	Revision Num	3G_Release	CR_Subject	CR_Category	Cur_Ver_Num	Workitem
RP-020171	R3-020415	25.424	014		R99	Alignment of 25.424 to 25.426	F	3.7.0	TEI
RP-020171	R3-020416	25.424	015		Rel-4	Alignment of 25.424 to 25.426	A	4.1.0	TEI
RP-020171	R3-020423	25.424	016		R99	Correction to transport bearers release initiation	F	3.7.0	TEI
RP-020171	R3-020424	25.424	017		Rel-4	Correction to transport bearers release initiation	A	4.1.0	TEI
RP-020171	R3-020427	25.424	018		R99	Alignment of 25.424 to 25.426 and Correction to transport bearers release initiation	F	3.7.0	TEI
RP-020171	R3-020428	25.424	019		Rel-4	Alignment of 25.424 to 25.426 and Correction to transport bearers release initiation	A	4.1.0	TEI

## CHANGE REQUEST

⌘ **25.424 CR 014** ⌘ ev **-** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Alignment of 25.424 to 25.426		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ R99
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		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)

<b>Reason for change:</b>	⌘ Currently, TS 25.424 appears inconsistent w.r.t. to the development occurred to the dedicated transport data streams counterpart (TS 25.426). In order to align this specification to 25.426 some modifications are needed.
<b>Summary of change:</b>	⌘ Subclauses 2, 6 and 7 are aligned to the corresponding subclauses in 25.426.
<b>Consequences if not approved:</b>	⌘ There would be an inconsistency between 25.424 and 25.426. Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has no impact on the previous version of the specification (same release) for implementations aligned with the added modifications. All the information previously contained in the affected clauses is still preserved after the modifications. Additional text was added for the sake of consistency between 25.424 and 25.426, but it does not represent a functional modification.

<b>Clauses affected:</b>	⌘ 2, 6, 7	
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications	⌘ CR 015 25.424, CR018 25.424, CR016 25.424
	<input type="checkbox"/> Test specifications	
	<input type="checkbox"/> O&M Specifications	
<b>Other comments:</b>	⌘ If this CR and CR 016 are approved, CR 018 supersedes them.	

**How to create CRs using this form:**

Comprehensive information and tips about how to create CRs can be found at: [http://www.3gpp.org/3G\\_Specs/CRs.htm](http://www.3gpp.org/3G_Specs/CRs.htm). Below is a brief summary:

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## 2 References

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- [1] ITU-T Recommendation I.361 (11/95): "B-ISDN ATM Layer Specification".
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- [4] New ITU-T Recommendation Q.2630.1 (12/99): "AAL Type 2 signalling protocol (Capability Set 1)".
- [5] ITU-T Recommendation E.191 (10/96): "B-ISDN numbering and addressing".
- [6] 3GPP TS 25.426: "UTRAN  $I_{ur}$  and  $I_{ub}$  Interface Data Transport & Transport Signalling for DCH Data Streams".
- [7] 3GPP TS 25.434: "UTRAN  $I_{ub}$  Interface Data Transport & Transport Signalling for Common Transport Channel Data Streams".
- [8] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Network Service Definition".

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## 6 I<sub>ur</sub> Transport Signalling Application for Common Transport Channel Data Streams

### 6.1 Introduction

This clause specifies the transport signalling protocol(s) used to establish the user plane transport bearers. The protocol stack is shown in [6].

### 6.2 Transport Signalling

AAL2 signalling protocol Capability Set 1, ITU-T Recommendation Q.2630.1 [4], is the signalling protocol to control the AAL2 connections on Iur interfaces. AAL2 transport layer addressing is based on embedded E.164 or AESA variants of the NSAP addressing format [5, 8]. Native E.164 addressing shall not be used.

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [4]. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iur interface in the Drift RNC.

User Plane Transport bearers are established and released by the ALCAP in the Serving RNC.

The AAL2 Link Characteristics parameter (ALC) shall be included in the Establish Request message of AAL2 signalling protocol.

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## 7 Signalling Bearer for ~~Transport Signalling~~ALCAP on I<sub>ur</sub> Interface

The signalling bearer for the ALCAP on the Iur interface for common transport channels data streams is the same as the signalling bearer for the ALCAP on the Iur interface for DCH data streams, defined in [6].

## CHANGE REQUEST

⌘ **25.424 CR 015** ⌘ ev **-** ⌘ Current version: **4.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Alignment of 25.424 to 25.426		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ REL-4
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)	<b>2</b> (GSM Phase 2)	
	<b>A</b> (corresponds to a correction in an earlier release)	<b>R96</b> (Release 1996)	
	<b>B</b> (addition of feature),	<b>R97</b> (Release 1997)	
<b>C</b> (functional modification of feature)	<b>R98</b> (Release 1998)		
<b>D</b> (editorial modification)	<b>R99</b> (Release 1999)		
Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		<b>REL-4</b> (Release 4)	
		<b>REL-5</b> (Release 5)	

<b>Reason for change:</b>	⌘ Currently, TS 25.424 appears inconsistent w.r.t. to the development occurred to the dedicated transport data streams counterpart (TS 25.426). In order to align this specification to 25.426 some modifications are needed.
<b>Summary of change:</b>	⌘ Subclauses 2, 6 and 7 are aligned to the corresponding subclauses in 25.426.
<b>Consequences if not approved:</b>	⌘ There would be an inconsistency between 25.424 and 25.426. Impact Analysis: Impact assessment towards the previous version of the specification (same release):  This CR has no impact on the previous version of the specification (same release) for implementations aligned with the added modifications. All the information previously contained in the affected clauses is still preserved after the modifications. Additional text was added for the sake of consistency between 25.424 and 25.426, but it does not represent a functional modification.

<b>Clauses affected:</b>	⌘ 2, 6, 7	
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications	⌘ CR014, CR017, CR019 on 25.424
	<input type="checkbox"/> Test specifications	
	<input type="checkbox"/> O&M Specifications	
<b>Other comments:</b>	⌘ If this CR and CR017 are approved, CR019 supersedes them.	

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- [4] New ITU-T Recommendation Q.2630.1 (12/99): "AAL Type 2 signalling protocol (Capability Set 1)".
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- [6] 3GPP TS 25.426: "UTRAN  $I_{ur}$  and  $I_{ub}$  Interface Data Transport & Transport Signalling for DCH Data Streams".
- [7] 3GPP TS 25.434: "UTRAN  $I_{ub}$  Interface Data Transport & Transport Signalling for Common Transport Channel Data Streams".
- [8] ITU-T Recommendation Q.2630.2 (12/2000): "AAL Type 2 signalling protocol (Capability Set 2)".
- [9] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Network Service Definition".

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## 6 I<sub>ur</sub> Transport Signalling Application for Common Transport Channel Data Streams

### 6.1 Introduction

This clause specifies the transport signalling protocol(s) used to establish the user plane transport bearers. The protocol stack is shown in [6].

### 6.2 Transport Signalling

AAL2 signalling protocol Capability Set 2, ITU-T Recommendation Q.2630.2 [8], is the signalling protocol to control the AAL2 connections on Iur interfaces. Q.2630.2 [8] adds new optional capabilities to Q.2630.1 [4].

AAL2 transport layer addressing is based on embedded E.164 or AESA variants of the NSAP addressing format [5, 9]. Native E.164 addressing shall not be used.

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [8]. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iur interface in the Drift RNC.

User Plane Transport bearers are established and released by the ALCAP in the Serving RNC.

The Link Characteristics parameter (LC) shall be included in the Establish Request message and in the Modification Request message of AAL2 signalling protocol.

If there is an AAL2 switching function in the transport network layer of the interface, the Path Type parameter (PT) may be included in the Establish Request message of AAL2 signalling protocol for prioritisation at ATM level.

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## 7 Signalling Bearer for ~~Transport Signalling~~ALCAP on I<sub>ur</sub> Interface

The signalling bearer for the ALCAP on the Iur interface for common transport channels data streams is the same as the signalling bearer for the ALCAP on the Iur interface for DCH data streams, defined in [6].

## CHANGE REQUEST

⌘ **25.424 CR 016** ⌘ ev **-** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correction to transport bearers release initiation		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ R99
	<i>Use <u>one</u> of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		<i>Use <u>one</u> of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>REL-4</b> (Release 4) <b>REL-5</b> (Release 5)

<b>Reason for change:</b>	⌘ Currently TS 25.424 specifies that the user plane transport bearers for Iur interface are established and RELEASED by the ALCAP in the SRNC, but there are some scenarios where the DRNC needs to initiate the release of transport bearers such as in case of Reset initiated by the SRNC.
<b>Summary of change:</b>	⌘ Added modification in subclause 6.2 to indicate that in some cases the DRNC can also release the transport bearers.
<b>Consequences if not approved:</b>	⌘ The current text procedural text may lead to incorrect implementation, as it is contradictory with the intended behaviour of the nodes. Inconsistencies between the specifications can lead to multi-vendor interoperability problems.  Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has [isolated impact] on the previous version of the specification (same release) because it affects implementations supporting the corrected functionality, i.e. only the SRNC being able to release the transport bearers. Those implementations would not be able to handle the scenarios described here, where only the DRNC can initiate the release of transport bearers. This CR has an impact under [functional] point of view. The impact [can] be considered isolated because the change affects [one] [system function] namely the release of transport bearers with ALCAP.

<b>Clauses affected:</b>	⌘ 6.2	
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘ CR014, CR017, CR018 on 25.424

**Other comments:** ☹ If this CR and CR014 are approved, then CR018 supersedes them

**How to create CRs using this form:**

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## 6.2 Transport Signalling

**\*\*UNCHANGED PARTS ARE REMOVED\*\***

User Plane Transport bearers are established and **in all normal cases** released by the ALCAP in the Serving RNC.

The AAL2 Link Characteristics parameter (ALC) shall be included in the Establish Request message of AAL2 signalling protocol.

## CHANGE REQUEST

⌘ **25.424 CR 017** ⌘ ev **-** ⌘ Current version: **4.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Correction to transport bearers release initiation		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ REL-4
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		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)

<b>Reason for change:</b>	⌘ Currently TS 25.424 specifies that the user plane transport bearers for Iur interface are established and RELEASED by the ALCAP in the SRNC, but there are some scenarios where the DRNC needs to initiate the release of transport bearers such as in case of Reset initiated by the SRNC.
<b>Summary of change:</b>	⌘ Added modification in subclause 6.2 to indicate that in some cases the DRNC can also release the transport bearers.
<b>Consequences if not approved:</b>	⌘ The current text procedural text may lead to incorrect implementation, as it is contradictory with the intended behaviour of the nodes. Inconsistencies between the specifications can lead to multi-vendor interoperability problems.  Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has [isolated impact] on the previous version of the specification (same release) because it affects implementations supporting the corrected functionality, i.e. only the SRNC being able to release the transport bearers. Those implementations would not be able to handle the scenarios described here, where only the DRNC can initiate the release of transport bearers. This CR has an impact under [functional] point of view. The impact [can] be considered isolated because the change affects [one] [system function] namely the release of transport bearers with ALCAP.

<b>Clauses affected:</b>	⌘ 6.2	
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘ CR015, CR016, CR019 on 25.424

**Other comments:** ☹ If this CR and CR015 are approved, then CR019 supersedes them

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## 6.2 Transport Signalling

**\*\*UNCHANGED PARTS ARE REMOVED\*\***

User Plane Transport bearers are established and **in all normal cases** released by the ALCAP in the Serving RNC.

The Link Characteristics parameter (LC) shall be included in the Establish Request message and in the Modification Request message of AAL2 signalling protocol.

If there is an AAL2 switching function in the transport network layer of the interface, the Path Type parameter (PT) may be included in the Establish Request message of AAL2 signalling protocol for prioritisation at ATM level.

## CHANGE REQUEST

⌘ **25.424 CR 018** ⌘ ev **-** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Alignment of 25.424 to 25.426 and Correction to transport bearers release initiation		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ R99
	<i>Use one of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>REL-4</b> (Release 4) <b>REL-5</b> (Release 5)

<b>Reason for change:</b>	⌘ CR 014 and 016 were proposed to align this specification to 25.426 and to clarify the ALCAP release in abnormal cases. To ease the implementation of the specification updates, this CR proposes the merge for the mentioned CRs.		
<b>Summary of change:</b>	⌘ CR 014 and 016 are merged		
<b>Consequences if not approved:</b>	⌘ See CR 014 and 016		

<b>Clauses affected:</b>	⌘ 2, 6, 7		
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘ CR 014, CR016 and CR019 on 25.424	
<b>Other comments:</b>	⌘ If CR 014 and 016 are approved, this CR supersedes them.		

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## 6 I<sub>ur</sub> Transport Signalling Application for Common Transport Channel Data Streams

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Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [4]. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iur interface in the Drift RNC.

User Plane Transport bearers are established and **in all normal cases** released by the ALCAP in the Serving RNC.

The AAL2 Link Characteristics parameter (ALC) shall be included in the Establish Request message of AAL2 signalling protocol.

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## 7 Signalling Bearer for ~~Transport Signalling~~ALCAP on I<sub>ur</sub> Interface

The signalling bearer for the ALCAP on the Iur interface for common transport channels data streams is the same as the signalling bearer for the ALCAP on the Iur interface for DCH data streams, defined in [6].

## CHANGE REQUEST

⌘ **25.424 CR 019** ⌘ ev **-** ⌘ Current version: **4.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ Alignment of 25.424 to 25.426 and Correction to transport bearers release initiation		
<b>Source:</b>	⌘ R-WG3		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ January, 2002
<b>Category:</b>	⌘ <b>A</b>	<b>Release:</b>	⌘ REL-4
	<i>Use one of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>REL-4</b> (Release 4) <b>REL-5</b> (Release 5)

<b>Reason for change:</b>	⌘ CR 015 and 017 were proposed to align this specification to 25.426 and to clarify the ALCAP release in abnormal cases. To ease the implementation of the specification updates, this CR proposes the merge for the mentioned CRs.		
<b>Summary of change:</b>	⌘ CR 015 and 017 are merged		
<b>Consequences if not approved:</b>	⌘ See CR 015 and 017		

<b>Clauses affected:</b>	⌘ 2, 6, 7		
<b>Other specs affected:</b>	⌘ <input checked="" type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications ⌘ <input type="checkbox"/> O&M Specifications	⌘ CR 015, CR017 and CR018	
<b>Other comments:</b>	⌘ If CR 015 and 017 are approved, this CR supersedes them.		

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: [http://www.3gpp.org/3G\\_Specs/CRs.htm](http://www.3gpp.org/3G_Specs/CRs.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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## 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. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] ITU-T Recommendation I.361 (11/95): "B-ISDN ATM Layer Specification".
- [2] ITU-T Recommendation I.363.2 (11/2000): "B-ISDN ATM Adaptation Layer type 2".
- [3] ITU-T Recommendation I.366.1 (6/98): "Segmentation and Re-assembly Service Specific Convergence Sublayer for the AAL type 2".
- [4] New ITU-T Recommendation Q.2630.1 (12/99): "AAL Type 2 signalling protocol (Capability Set 1)".
- [5] ITU-T Recommendation E.191 (10/96): "B-ISDN numbering and addressing".
- [6] 3GPP TS 25.426: "UTRAN I<sub>ur</sub> and I<sub>ub</sub> Interface Data Transport & Transport Signalling for DCH Data Streams".
- [7] 3GPP TS 25.434: "UTRAN I<sub>ub</sub> Interface Data Transport & Transport Signalling for Common Transport Channel Data Streams".
- [8] ITU-T Recommendation Q.2630.2 (12/2000): "AAL Type 2 signalling protocol (Capability Set 2)".
- [9] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Network Service Definition".

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## 6 I<sub>ur</sub> Transport Signalling Application for Common Transport Channel Data Streams

### 6.1 Introduction

This clause specifies the transport signalling protocol(s) used to establish the user plane transport bearers. The protocol stack is shown in [6].

### 6.2 Transport Signalling

AAL2 signalling protocol Capability Set 2, ITU-T Recommendation Q.2630.2 [8], is the signalling protocol to control the AAL2 connections on Iur interfaces. Q.2630.2 [8] adds new optional capabilities to Q.2630.1 [4].

AAL2 transport layer addressing is based on embedded E.164 or AESA variants of the NSAP addressing format [5, 9]. Native E.164 addressing shall not be used.

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [8]. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iur interface in the Drift RNC.

User Plane Transport bearers are established and **in all normal cases** released by the ALCAP in the Serving RNC.

The Link Characteristics parameter (LC) shall be included in the Establish Request message and in the Modification Request message of AAL2 signalling protocol.

If there is an AAL2 switching function in the transport network layer of the interface, the Path Type parameter (PT) may be included in the Establish Request message of AAL2 signalling protocol for prioritisation at ATM level.

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## 7 Signalling Bearer for ~~Transport Signalling~~ALCAP on I<sub>ur</sub> Interface

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