

Technical Specification Group Radio Access Network
Marco Island, USA 4 - 7 June 2002

RP#16(02) 0410

TSG_Doc_Num	Specification	CR_Num	Revision_Num	3G_Release	CR_Subject	CR_Category	Cur_Ver_Num	New_Ver_Num	Tdoc_Num	WorkItem
RP-020410	25.426	023		R99	Correction of Aesa formats	F	3.8.0	3.9.0	R3-021162	TEI
RP-020410	25.426	024		Rel-4	Correction of Aesa formats	A	4.2.0	4.3.0	R3-021166	TEI
RP-020410	25.426	025		Rel-5	Correction of Aesa formats	A	5.0.0	5.1.0	R3-021170	TEI

3GPP TSG-RAN WG3 Meeting #29
 Gyeongju, Korea, 13th – May17th, 2002

R3-021162

CR-Form-v3

CHANGE REQUEST

⌘ **25.426** **CR 023** ⌘ rev **-** ⌘ Current version: **3.8.0** ⌘

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

Title:	⌘ Correction of Aesa formats		
Source:	⌘ R-WG3		
Work item code:	⌘ TEI	Date:	⌘ April 2002
Category:	⌘ F	Release:	⌘ R99

Use one of the following categories:

- F** (essential 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)

Reason for change: ⌘ The version of October 96 of the recommendation E191 is inaccurate since it does not have other Aesa variants but it only references the embedded E164.

Then, also, Aesa variants can designate only E164 Aesa variants if it is not clearly stated that other Aesa variants within the Nsap variants may also be considered.

Native E164 reference is missing.

Summary of change: ⌘ The E191 recommendation reference has been corrected and also the possibility to use any other Nsap Aesa variants outside of E164 variants within Nsap format. Native E164 reference has been given.

Impact assessment towards the previous version of the specification (same release):
 This CR has isolated impact with the previous version of the specification (same release) since the RNC can use any other Aesa variant of the Nsap format with this correction.

This CR has an impact under functional point of view for implementations not behaving like indicated in the CR.
 The impact can be considered isolated because the change affects only the aal2 transport layer addressing function.

Consequences if not approved: ⌘ Erroneous specification referenced and inaccurate text leading to restriction on the possible Nsap Aesa variants to be used.

Clauses affected: ⌘ 2,6.1

Other specs affected: ⌘ Other core specifications ⌘ TS25426 CR024 REL-4
 Test specifications ⌘ TS25426 CR025 REL-5

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/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://www.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

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] 3GPP TS 25.427: "UTRAN Iur and Iub User interface plane protocol for DCH data streams".
- [2] ITU-T Recommendation I.361 (11/95): "B-ISDN ATM layer specification".
- [3] ITU-T Recommendation I.363.2 (9/97): "B-ISDN ATM Adaptation Layer specification; Type 2 AAL".
- [4] ITU-T Recommendation I.366.1 (6/98): "Segmentation and Reassembly Service Specific Convergence Sublayer for the AAL type 2".
- [5] ITU-T Recommendation Q.2630.1 (12/99): "AAL type 2 signalling protocol (Capability Set 1)".
- [6] ITU-T Recommendation E.191 (~~1003/9600~~): "B-ISDN numbering and addressing".
- [7] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Systems Interconnection - Network Service Definition".
- [8] ITU-T Recommendation Q.2110 (7/94): "B-ISDN ATM adaptation layer - Service Specific Connection Oriented Protocol (SSCOP)".
- [9] ITU-T Recommendation Q.2130 (7/94): "B-ISDN Signalling ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the User Network Interface (SSCF at UNI)".
- [10] ITU-T Recommendation Q.2150.2 (12/99): "AAL type 2 signalling transport converter on SSCOP)".
- [11] ITU-T Recommendation Q.2210 (7/96): Message transfer part level 3 functions and messages using the services of the ITU-T Recommendation Q.2140".
- [12] ITU-T Recommendation Q.2140 (2/95): "B-ISDN ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the Network Node Interface (SSCF at NNI)".
- [13] New ITU-T Recommendation Q.2150.1 (12/99): "AAL type 2 signalling transport converter on broadband MTP".
- [14] IETF RFC 791 (September 1981): "Internet Protocol".
- [15] IETF RFC 1483 (July 1993): "Multiprotocol Encapsulation over ATM Adaptation Layer 5".
- [16] IETF RFC 2225 (April 1998): "Classical IP and ARP over ATM".
- [17] IETF RFC 768 (August 1980): "User Datagram Protocol".
- [18] IETF RFC 2960 (October 2000): "Stream Control Transmission Protocol".
- [19] G. Sidebottom et al, "SS7 MTP3 - User Adaptation Layer", draft-ietf-sigtran-m3ua-04.txt (Work In Progress), IETF, September 2000.

- [20] ITU-T Recommendation I.630 (2/99): "ATM protection switching".
- [21] ITU-T Recommendation Q.Imp2210: "Implementor's guide (03/99) for Recommendation Q.2210 (07/96)".
- [22] ITU-T Recommendation E.164 (5/97): "The international public telecommunication numbering plan".

6 Transport Signalling Application for DCH Data Streams

6.1 ALCAP

AAL2 signalling protocol Capability Set 1 [5] is the signalling protocol to control AAL2 connections on Iub and Iur interfaces.

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [5].

User Plane Transport bearers for Iur interface are established and in all normal cases released by the ALCAP in the Serving RNC. The binding identifier shall already be assigned and tied to a radio application procedure when first Establish Request message is received over the Iur interface in the Drift RNC.

User Plane Transport bearers for Iub interface are established and in all normal cases released by the ALCAP in the Controlling RNC. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iub interface in the Node B. In case of a Reset initiated by the CRNC, the ALCAP in the Node B shall release the transport bearers involved in the impacted Node B Communication Contexts. The Node B shall also initiate release of the user plane transport bearers for the removed dedicated channels that were remaining within the cell when the cell is deleted.

AAL2 transport layer addressing is based on embedded E.164 or other AESA variants of the NSAP addressing format [6, 7]. Native E.164 addressing [22] shall not be used.

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

3GPP TSG-RAN WG3 Meeting #29
 Gyeongju, Korea, 13th – May17th, 2002

R3-021166

CR-Form-v3

CHANGE REQUEST

⌘ **25.426** **CR 024** ⌘ rev **-** ⌘ Current version: **4.2.0** ⌘

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

Title:	⌘	Correction of Aesa formats
Source:	⌘	R-WG3
Work item code:	⌘	TEI
		Date: ⌘ April 2002
Category:	⌘	A
		Release: ⌘ REL-4
		<p>Use <u>one</u> of the following categories:</p> <p>F (essential correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (Addition of feature),</p> <p>C (Functional modification of feature)</p> <p>D (Editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p>
		<p>Use <u>one</u> of the following releases:</p> <p>2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>REL-4 (Release 4)</p> <p>REL-5 (Release 5)</p>

Reason for change: ⌘ The version of October 96 of the recommendation E191 is inaccurate since it does not have other Aesa variants but it only references the embedded E164.

Then, also, Aesa variants can designate only E164 Aesa variants if it is not clearly stated that other Aesa variants within the Nsap variants may also be considered.

Native E164 reference is missing.

Summary of change: ⌘ The E191 recommendation reference has been corrected and also the possibility to use any other Nsap Aesa variants outside of E164 variants within Nsap format. Native E164 reference has been given.

Impact assessment towards the previous version of the specification (same release):
 This CR has isolated impact with the previous version of the specification (same release) since the RNC can use any other Aesa variant of the Nsap format with this correction.

This CR has an impact under functional point of view for implementations not behaving like indicated in the CR.
 The impact can be considered isolated because the change affects only the aal2 transport layer addressing function.

Consequences if not approved: ⌘ Erroneous specification referenced and inaccurate text leading to restriction on the possible Nsap Aesa variants to be used.

Clauses affected: ⌘ 2,6.1

Other specs affected: ⌘ Other core specifications ⌘ TS25426 CR023 R99
 Test specifications ⌘ TS25426 CR025 REL-5

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/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://www.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

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] 3GPP TS 25.427: "UTRAN Iur and Iub User interface plane protocols for DCH data streams".
- [2] ITU-T Recommendation I.361 (11/95): "B-ISDN ATM layer specification".
- [3] ITU-T Recommendation I.363.2 (11/2000): "B-ISDN ATM Adaptation Layer specification; Type 2 AAL".
- [4] ITU-T Recommendation I.366.1 (6/98): "Segmentation and Reassembly Service Specific Convergence Sublayer for the AAL type 2".
- [5] ITU-T Recommendation Q.2630.1 (12/99): "AAL type 2 signalling protocol (Capability Set 1)".
- [6] ITU-T Recommendation E.191 (~~1003/9600~~): "B-ISDN numbering and addressing".
- [7] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Systems Interconnection - Network Service Definition".
- [8] ITU-T Recommendation Q.2110 (7/94): "B-ISDN ATM adaptation layer - Service Specific Connection Oriented Protocol (SSCOP)".
- [9] ITU-T Recommendation Q.2130 (7/94): "B-ISDN signalling ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the User-Network Interface (SSCF at UNI)".
- [10] ITU-T Recommendation Q.2150.2 (12/99): "AAL type 2 signalling transport converter on SSCOP".
- [11] ITU-T Recommendation Q.2210 (7/96): Message transfer part level 3 functions and messages using the services of the ITU-T Recommendation Q.2140".
- [12] ITU-T Recommendation Q.2140 (2/95): "B-ISDN ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the Network Node Interface (SSCF at NNI)".
- [13] ITU-T Recommendation Q.2150.1 (12/99): "AAL type 2 signalling transport converter on broadband MTP".
- [14] IETF RFC 791 (September 1981): "Internet Protocol".
- [15] IETF RFC 1483 (July 1993): "Multiprotocol Encapsulation over ATM Adaptation Layer 5".
- [16] IETF RFC 2225 (April 1998): "Classical IP and ARP over ATM".
- [17] IETF RFC 768 (August 1980): "User Datagram Protocol".
- [18] IETF RFC 2960 (October 2000): "Stream Control Transmission Protocol".
- [19] G. Sidebottom et al, "SS7 MTP3 - User Adaptation Layer", draft-ietf-sigtran-m3ua-04.txt (Work In Progress), IETF, September 2000.

- [20] ITU-T Recommendation I.630 (2/99): "ATM protection switching".
- [21] ITU-T Recommendation Q.Imp2210: "Implementor's guide (03/99) for Recommendation Q.2210 (07/96)".
- [22] ITU-T Recommendation Q.2630.2 (12/2000): "AAL type 2 signalling protocol (Capability Set 2)".
- [23] ITU-T Recommendation E.164 (5/97): "The international public telecommunication numbering plan".

6 Transport Signalling Application for DCH Data Streams

6.1 ALCAP

AAL2 signalling protocol Capability Set 2 [22] is the signalling protocol to control AAL2 connections on Iub and Iur interfaces. Q.2630.2 [22] adds new optional capabilities to Q.2630.1 [5].

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [22].

User Plane Transport bearers for Iur interface are established, in all normal cases released and optionally modified by the ALCAP in the Serving RNC. 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 for Iub interface are established, in all normal cases released and optionally modified by the ALCAP in the Controlling RNC. binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iub interface in the Node B. In case of a Reset initiated by the CRNC, the ALCAP in the Node B shall release the transport bearers involved in the impacted Node B Communication Contexts. The Node B shall also initiate release of the user plane transport bearers for the removed dedicated channels that were remaining within the cell when the cell is deleted.

AAL2 transport layer addressing is based on embedded E.164 or other AESA variants of the NSAP addressing format [6, 7]. Native E.164 addressing [23] shall not be used.

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.

3GPP TSG-RAN WG3 Meeting #29
 Gyeongju, Korea, 13th – May17th, 2002

R3-021170

CR-Form-v3

CHANGE REQUEST

⌘ 25.426 CR 025 ⌘ rev - ⌘ 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: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Correction of Aesa formats
Source:	⌘ R-WG3
Work item code:	⌘ TEI Date: ⌘ April 2002
Category:	⌘ A Release: ⌘ REL-5

Use one of the following categories:

- F (essential 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)

Reason for change: ⌘ The version of October 96 of the recommendation E191 is inaccurate since it does not have other Aesa variants but it only references the embedded E164.

Then, also, Aesa variants can designate only E164 Aesa variants if it is not clearly stated that other Aesa variants within the Nsap variants may also be considered.

Native E164 reference is missing.

Summary of change: ⌘ The E191 recommendation reference has been corrected and also the possibility to use any other Nsap Aesa variants outside of E164 variants within Nsap format. Native E164 reference has been given.

Impact assessment towards the previous version of the specification (same release):
 This CR has isolated impact with the previous version of the specification (same release) since the RNC can use any other Aesa variant of the Nsap format with this correction.

This CR has an impact under functional point of view for implementations not behaving like indicated in the CR.
 The impact can be considered isolated because the change affects only the aal2 transport layer addressing function.

Consequences if not approved: ⌘ Erroneous specification referenced and inaccurate text leading to restriction on the possible Nsap Aesa variants to be used.

Clauses affected: ⌘ 2,6.2

Other specs affected: ⌘ Other core specifications ⌘ TS25426 CR023 R99
 Test specifications ⌘ TS25426 CR024 REL-4

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/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://www.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 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.

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] 3GPP TS 25.427: "UTRAN Iur and Iub User interface plane protocols for DCH data streams".
- [2] ITU-T Recommendation I.361 (11/95): "B-ISDN ATM layer specification".
- [3] ITU-T Recommendation I.363.2 (11/2000): "B-ISDN ATM Adaptation Layer specification; Type 2 AAL".
- [4] ITU-T Recommendation I.366.1 (6/98): "Segmentation and Reassembly Service Specific Convergence Sublayer for the AAL type 2".
- [5] ITU-T Recommendation Q.2630.1 (12/99): "AAL type 2 signalling protocol (Capability Set 1)".
- [6] ITU-T Recommendation E.191 (~~1003/9600~~): "B-ISDN numbering and addressing".
- [7] ITU-T Recommendation X.213 (11/95): "Information Technology - Open Systems Interconnection - Systems Interconnection - Network Service Definition".
- [8] ITU-T Recommendation Q.2110 (7/94): "B-ISDN ATM adaptation layer - Service Specific Connection Oriented Protocol (SSCOP)".
- [9] ITU-T Recommendation Q.2130 (7/94): "B-ISDN signalling ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the User-Network Interface (SSCF at UNI)".
- [10] ITU-T Recommendation Q.2150.2 (12/99): "AAL type 2 signalling transport converter on SSCOP".
- [11] ITU-T Recommendation Q.2210 (7/96): Message transfer part level 3 functions and messages using the services of the ITU-T Recommendation Q.2140".
- [12] ITU-T Recommendation Q.2140 (2/95): "B-ISDN ATM adaptation layer - Service Specific Coordination Function for Support of Signalling at the Network Node Interface (SSCF at NNI)".
- [13] ITU-T Recommendation Q.2150.1 (12/99): "AAL type 2 signalling transport converter on broadband MTP".
- [14] IETF RFC 791 (September 1981): "Internet Protocol".
- [15] IETF RFC 1483 (July 1993): "Multiprotocol Encapsulation over ATM Adaptation Layer 5".
- [16] IETF RFC 2225 (April 1998): "Classical IP and ARP over ATM".
- [17] IETF RFC 768 (August 1980): "User Datagram Protocol".
- [18] IETF RFC 2960 (October 2000): "Stream Control Transmission Protocol".
- [19] G. Sidebottom et al, "SS7 MTP3 - User Adaptation Layer", draft-ietf-sigtran-m3ua-12.txt (Work In Progress), IETF, February 2002.

- [20] ITU-T Recommendation I.630 (2/99): "ATM protection switching".
- [21] ITU-T Recommendation Q.Imp2210: "Implementor's guide (03/99) for Recommendation Q.2210 (07/96)".
- [22] ITU-T Recommendation Q.2630.2 (12/2000): "AAL type 2 signalling protocol (Capability Set 2)".
- [23] IETF STD 51, RFC 1661 (July 1994): "The Point-To-Point Protocol (PPP)".
- [24] IETF STD 51, RFC 1662 (July 1994): "PPP in HDLC-like Framing".
- [25] IETF RFC 2507, (February 1999): "IP header compression".
- [26] IETF RFC 1990 "The PPP Multilink Protocol (MP)".
- [27] IETF RFC 2686 "The Multi-Class Extension to Multi-Link PPP".
- [28] IETF RFC 2509, (February 1999): "IP Header Compression over PPP".
- [29] IETF RFC 2460 "Internet Protocol, Version 6 (IPv6) Specification".
- [30] IETF RFC 2474 (December 1998): "Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers".
- [31] IETF RFC 768 (8/1980): "User Datagram Protocol".
- [32] IETF RFC 3153 (August 2001): "PPP Multiplexing".
- [33] IETF RFC 2364 (July 1998): "PPP over AAL5".
- [34] IETF RFC 3031 (January 2001): "Multiprotocol Label Switching Architecture".
- [35] "IP-ALCAP" [ffs]
- [36] [ITU-T Recommendation E.164 \(5/97\): "The international public telecommunication numbering plan"](#).

6 Transport Signalling Application for DCH Data Streams

6.1 Introduction

This chapter specifies the ALCAP protocol(s) to be used in Iur and Iub interfaces for DCH data streams.

6.2 ALCAP in ATM Transport Option

AAL2 signalling protocol Capability Set 2 [22] is the signalling protocol to control AAL2 connections on Iub and Iur interfaces. Q.2630.2 [22] adds new optional capabilities to Q.2630.1 [5].

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [22].

User Plane Transport bearers for Iur interface are established, in all normal cases released and optionally modified by the ALCAP in the Serving RNC. 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 for Iub interface are established, in all normal cases released and optionally modified by the ALCAP in the Controlling RNC. binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iub interface in the Node B. In case of a Reset initiated by the CRNC, the ALCAP in the Node B shall release the transport bearers involved in the impacted Node B Communication Contexts. The Node B shall also initiate release of the user plane transport bearers for the removed dedicated channels that were remaining within the cell when the cell is deleted.

AAL2 transport layer addressing is based on embedded E.164 or other AESA variants of the NSAP addressing format [6, 7]. Native E.164 addressing [36] shall not be used.

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.