**3GPP RAN WG3 Meeting #121 R3-234457**

**Toulouse, France, 21st – 25th August, 2023**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.423** | **CR** | **1756** | **rev** | **-** | **Current version:** |  |  |
|  | | | | | | | | |
| |  | | --- | | *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | |  | | | | | | | | | |
|  | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Misalignment between tabular and ASN.1 for CHO Information IE | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | , Nokia, Nokia Shanghai Bell, Lenovo, China Telecom | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_Mob\_enh-Core | | | | |  | ***Date:*** | | | 08 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | A |  | | | | | ***Release:*** | | | 7 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change 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](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | There is misalignment on the criticality between tabular and ASN.1 for the CHO Information IE in the handover related messages. Since the receiving NG-RAN node will reject the procedure if it can't comprehend the IE for Conditional Handover, it's crucial to define the Criticality of *Conditional Handover Information Request* IE as "Reject" in the HANDOVER REQUEST message. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * In ASN.1 change the Criticality of the *Conditional Handover Information Request* IE within the HANDOVER REQUEST message to “reject”. * In tabular change the Criticality of the *Conditional Handover Information Acknowledge* IE within the HANDOVER REQUEST ACKNOWLEDGE message to “ignore”.   **Impact analysis**  Impact assessment towards the previous version of the specification (same release):  This CR has isoldated impact under protocol point of view. The impact can be considered isolated because the change affects only the CHO related procedure. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Misalignment between tabular and ASN.1 remains in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 9.1.1.2, 9.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev 0: R3-234457 | | | | | | | | |

## 9.1 Message Functional Definition and Content

### 9.1.1 Messages for Basic Mobility Procedures

#### 9.1.1.1 HANDOVER REQUEST

This message is sent by the source eNB to the target eNB to request the preparation of resources for a handover.

Direction: source eNB → target eNB.

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.2.13 |  | YES | reject |
| Old eNB UE X2AP ID | M |  | eNB UE X2AP ID  9.2.24 | Allocated at the source eNB | YES | reject |
| Cause | M |  | 9.2.6 |  | YES | ignore |
| Target Cell ID | M |  | ECGI  9.2.14 |  | YES | reject |
| GUMMEI | M |  | 9.2.16 |  | YES | reject |
| **UE Context Information** |  | *1* |  |  | YES | reject |
| >MME UE S1AP ID | M |  | INTEGER (0..232 -1) | MME UE S1AP ID allocated at the MME | – |  |
| >UE Security Capabilities | M |  | 9.2.29 |  | – |  |
| >AS Security Information | M |  | 9.2.30 |  | – |  |
| >UE Aggregate Maximum Bit Rate | M |  | 9.2.12 |  | – |  |
| >Subscriber Profile ID for RAT/Frequency priority | O |  | 9.2.25 |  | – |  |
| **>E-RABs To Be Setup List** |  | *1* |  |  | – |  |
| **>>E-RABs To Be Setup Item** |  | *1 .. <maxnoofBearers>* |  |  | EACH | ignore |
| >>>E-RAB ID | M |  | 9.2.23 |  | – |  |
| >>>E-RAB Level QoS Parameters | M |  | 9.2.9 | Includes necessary QoS parameters | – |  |
| >>>DL Forwarding | O |  | 9.2.5 |  | – |  |
| >>>UL GTP Tunnel Endpoint | M |  | GTP Tunnel Endpoint 9.2.1 | SGW endpoint of the S1 transport bearer. For delivery of UL PDUs. | – |  |
| >>>Bearer Type | O |  | 9.2.92 |  | YES | reject |
| >>>DAPS Request Information | O |  | 9.2.154 |  | YES | ignore |
| >>>Ethernet Type | O |  | 9.2.157 |  | YES | ignore |
| >>>Source DL Forwarding IP Address | O |  | BIT STRING (1..160, ...) | Identifies the TNL address used by the source node for data forwarding. | YES | ignore |
| >>>Security Indication | O |  | 9.2.181 |  | YES | reject |
| >RRC Context | M |  | OCTET STRING | Includes the *HandoverPreparationInformation* message as defined in subclause 10.2.2 of TS 36.331 [9], or the *HandoverPreparationInformation-NB* message as defined in 10.6.2 of TS 36.331 [9]. | – |  |
| >Handover Restriction List | O |  | 9.2.3 |  | – |  |
| >Location Reporting Information | O |  | 9.2.21 | Includes the necessary parameters for location reporting | – |  |
| >Management Based MDT Allowed | O |  | 9.2.59 |  | YES | ignore |
| >ManagementBasedMDT PLMN List | O |  | MDT PLMN List  9.2.64 |  | YES | ignore |
| >UE Sidelink Aggregate Maximum Bit Rate | O |  | 9.2.97 | This IE applies only if the UE is authorized for V2X services. | YES | ignore |
| >EPC Handover Restriction List Container | O |  | 9.2.153 |  | YES | ignore |
| >Additional RRM Policy Index | O |  | 9.2.25a |  | YES | ignore |
| >NR UE Sidelink Aggregate Maximum Bit Rate | O |  | 9.2.159 | This IE applies only if the UE is authorized for NR V2X services. | YES | ignore |
| >UE Radio Capability ID | O |  | 9.2.171 |  | YES | reject |
| >IMS voice EPS fallback from 5G | O |  | ENUMERATED (true, ...) |  | YES | ignore |
| UE History Information | M |  | 9.2.38 | Same definition as in TS 36.413 [4] | YES | ignore |
| Trace Activation | O |  | 9.2.2 |  | YES | ignore |
| SRVCC Operation Possible | O |  | 9.2.33 |  | YES | ignore |
| CSG Membership Status | O |  | 9.2.52 |  | YES | reject |
| Mobility Information | O |  | BIT STRING (SIZE (32)) | Information related to the handover; the source eNB provides it in order to enable later analysis of the conditions that led to a wrong HO. | YES | ignore |
| Masked IMEISV | O |  | 9.2.69 |  | YES | ignore |
| UE History Information from the UE | O |  | OCTET STRING | Includes the *VisitedCellInfoList* IE contained in the *UEInformationResponse* message (TS 36.331 [9]) | YES | ignore |
| Expected UE Behaviour | O |  | 9.2.70 |  | YES | ignore |
| ProSe Authorized | O |  | 9.2.78 |  | YES | ignore |
| UE Context Reference at the SeNB | O |  |  |  | YES | ignore |
| >Global SeNB ID | M |  | Global eNB ID  9.2.22 |  | – |  |
| >SeNB UE X2AP ID | M |  | eNB UE X2AP ID  9.2.24 | Allocated at the SeNB | – |  |
| >SeNB UE X2AP ID Extension | O |  | Extended eNB UE X2AP ID  9.2.86 | Allocated at the SeNB | – |  |
| Old eNB UE X2AP ID Extension | O |  | Extended eNB UE X2AP ID  9.2.86 | Allocated at the source eNB | YES | reject |
| V2X Services Authorized | O |  | 9.2.93 |  | YES | ignore |
| UE Context Reference at the WT | O |  |  |  | YES | ignore |
| >WT ID | M |  | 9.2.95 |  | – |  |
| >WT UE XwAP ID | M |  | 9.2.96 |  | – |  |
| NR UE Security Capabilities | O |  | 9.2.107 |  | YES | ignore |
| UE Context Reference at the SgNB | O |  |  |  | YES | ignore |
| >Global en-gNB ID | M |  | 9.2.112 |  | – |  |
| >SgNB UE X2AP ID | M |  | en-gNB UE X2AP ID  9.2.100 | Allocated at the SgNB. | – |  |
| Aerial UE subscription information | O |  | 9.2.129 |  | YES | ignore |
| Subscription Based UE Differentiation Information | O |  | 9.2.136 |  | YES | ignore |
| **Conditional Handover Information Request** | O |  |  |  | YES | reject |
| >CHO Trigger | M |  | ENUMERATED (CHO-initiation, CHO-replace, …) |  | – |  |
| >New eNB UE X2AP ID | C-ifCHOmod |  | eNB UE X2AP ID  9.2.24 | Allocated at the target eNB | – |  |
| >New eNB UE X2AP ID Extension | O |  | Extended eNB UE X2AP ID  9.2.86 | Allocated at the target eNB | – |  |
| >Estimated Arrival Probability | O |  | INTEGER (1..100) |  | – |  |
| NR V2X Services Authorized | O |  | 9.2.158 |  | YES | ignore |
| PC5 QoS Parameters | O |  | 9.2.160 | This IE applies only if the UE is authorized for NR V2X services. | YES | ignore |
| IAB Node Indication | O |  | ENUMERATED (true, ...) |  | YES | reject |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofBearers | Maximum no. of E-RABs. Value is 256 |
| maxnoofMDTPLMNs | PLMNs in the Management Based MDT PLMN list. Value is 16. |

| Condition | Explanation |
| --- | --- |
| ifCHOmod | This IE shall be present if the *CHO Trigger* IE is present and set to "CHO-replace". |

#### 9.1.1.2 HANDOVER REQUEST ACKNOWLEDGE

This message is sent by the target eNB to inform the source eNB about the prepared resources at the target.

Direction: target eNB → source eNB.

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.2.13 |  | YES | reject |
| Old eNB UE X2AP ID | M |  | eNB UE X2AP ID  9.2.24 | Allocated at the source eNB | YES | ignore |
| New eNB UE X2AP ID | M |  | eNB UE X2AP ID  9.2.24 | Allocated at the target eNB | YES | ignore |
| **E-RABs Admitted List** |  | *1* |  |  | YES | ignore |
| **>E-RABs Admitted Item** |  | *1 .. <maxnoofBearers>* |  |  | EACH | ignore |
| >>E-RAB ID | M |  | 9.2.23 |  | – |  |
| >>UL GTP Tunnel Endpoint | O |  | GTP Tunnel Endpoint 9.2.1 | Identifies the X2 transport bearer used for forwarding of UL PDUs | – |  |
| >>DL GTP Tunnel Endpoint | O |  | GTP Tunnel Endpoint 9.2.1 | Identifies the X2 transport bearer. used for forwarding of DL PDUs | – |  |
| >>DAPS Response Information | O |  | 9.2.155 |  | YES | reject |
| E-RABs Not Admitted List | O |  | E-RAB List  9.2.28 | A value for *E-RAB ID* shall only be present once in*E-RABs Admitted**List* IE and in *E-RABs Not Admitted List* IE. | YES | ignore |
| Target eNB To Source eNB Transparent Container | M |  | OCTET STRING | Includes the *HandoverCommand* message as defined in subclause 10.2.2 in TS 36.331 [9] | YES | ignore |
| Criticality Diagnostics | O |  | 9.2.7 |  | YES | ignore |
| UE Context Kept Indicator | O |  | 9.2.85 |  | YES | ignore |
| Old eNB UE X2AP ID Extension | O |  | Extended eNB UE X2AP ID  9.2.86 | Allocated at the source eNB | YES | ignore |
| New eNB UE X2AP ID Extension | O |  | Extended eNB UE X2AP ID  9.2.86 | Allocated at the target eNB | YES | reject |
| WT UE Context Kept Indicator | O |  | UE Context Kept Indicator  9.2.85 | Indicates that the WT has acknowledged to keep the UE context | YES | ignore |
| E-RABs transferred to MeNB | O |  | E-RAB List  9.2.28 | In case of EN-DC, indicates that SN Status is needed for the listed E-RABs from the SgNB.. | YES | ignore |
| **Conditional Handover Information Acknowledge** | O |  |  |  | YES | ignore |
| >Requested Target Cell ID | M |  | ECGI  9.2.14 | Target cell indicated in the corresponding HANDOVER REQUEST message | – |  |
| >Maximum Number of CHO Preparations | O |  | 9.2.156 |  | – |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofBearers | Maximum no. of E-RABs. Value is 256 |

<<<<<<<<<<<<<<<<<<<< Next Change >>>>>>>>>>>>>>>>>>>>

### 9.3.4 PDU Definitions

-- ASN1START

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- PDU definitions for X2AP.

--

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

X2AP-PDU-Contents {

itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)

eps-Access (21) modules (3) x2ap (2) version1 (1) x2ap-PDU-Contents (1) }

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- IE parameter types from other modules.

--

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

<<<<<<<<<<<<<<<<<<<< skip unchanged >>>>>>>>>>>>>>>>>>>>

FROM X2AP-Constants;

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- HANDOVER REQUEST

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-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HandoverRequest ::= SEQUENCE {

protocolIEs ProtocolIE-Container {{HandoverRequest-IEs}},

...

}

HandoverRequest-IEs X2AP-PROTOCOL-IES ::= {

{ ID id-Old-eNB-UE-X2AP-ID CRITICALITY reject TYPE UE-X2AP-ID PRESENCE mandatory}|

{ ID id-Cause CRITICALITY ignore TYPE Cause PRESENCE mandatory}|

{ ID id-TargetCell-ID CRITICALITY reject TYPE ECGI PRESENCE mandatory}|

{ ID id-GUMMEI-ID CRITICALITY reject TYPE GUMMEI PRESENCE mandatory}|

{ ID id-UE-ContextInformation CRITICALITY reject TYPE UE-ContextInformation PRESENCE mandatory}|

{ ID id-UE-HistoryInformation CRITICALITY ignore TYPE UE-HistoryInformation PRESENCE mandatory}|

{ ID id-TraceActivation CRITICALITY ignore TYPE TraceActivation PRESENCE optional}|

{ ID id-SRVCCOperationPossible CRITICALITY ignore TYPE SRVCCOperationPossible PRESENCE optional}|

{ ID id-CSGMembershipStatus CRITICALITY reject TYPE CSGMembershipStatus PRESENCE optional}|

{ ID id-MobilityInformation CRITICALITY ignore TYPE MobilityInformation PRESENCE optional}|

{ ID id-Masked-IMEISV CRITICALITY ignore TYPE Masked-IMEISV PRESENCE optional}|

{ ID id-UE-HistoryInformationFromTheUE CRITICALITY ignore TYPE UE-HistoryInformationFromTheUE PRESENCE optional}|

{ ID id-ExpectedUEBehaviour CRITICALITY ignore TYPE ExpectedUEBehaviour PRESENCE optional}|

{ ID id-ProSeAuthorized CRITICALITY ignore TYPE ProSeAuthorized PRESENCE optional}|

{ ID id-UE-ContextReferenceAtSeNB CRITICALITY ignore TYPE UE-ContextReferenceAtSeNB PRESENCE optional}|

{ ID id-Old-eNB-UE-X2AP-ID-Extension CRITICALITY reject TYPE UE-X2AP-ID-Extension PRESENCE optional}|

{ ID id-V2XServicesAuthorized CRITICALITY ignore TYPE V2XServicesAuthorized PRESENCE optional}|

{ ID id-UE-ContextReferenceAtWT CRITICALITY ignore TYPE UE-ContextReferenceAtWT PRESENCE optional}|

{ ID id-NRUESecurityCapabilities CRITICALITY ignore TYPE NRUESecurityCapabilities PRESENCE optional}|

{ ID id-UE-ContextReferenceAtSgNB CRITICALITY ignore TYPE UE-ContextReferenceAtSgNB PRESENCE optional}|

{ ID id-AerialUEsubscriptionInformation CRITICALITY ignore TYPE AerialUEsubscriptionInformation PRESENCE optional}|

{ ID id-Subscription-Based-UE-DifferentiationInfo CRITICALITY ignore TYPE Subscription-Based-UE-DifferentiationInfo PRESENCE optional}|

{ ID id-CHOinformation-REQ CRITICALITY reject TYPE CHOinformation-REQ PRESENCE optional}|

{ ID id-NRV2XServicesAuthorized CRITICALITY ignore TYPE NRV2XServicesAuthorized PRESENCE optional}|

{ ID id-PC5QoSParameters CRITICALITY ignore TYPE PC5QoSParameters PRESENCE optional }|

{ ID id-IABNodeIndication CRITICALITY reject TYPE IABNodeIndication PRESENCE optional},

...

}

UE-ContextInformation ::= SEQUENCE {

mME-UE-S1AP-ID UE-S1AP-ID,

uESecurityCapabilities UESecurityCapabilities,

aS-SecurityInformation AS-SecurityInformation,

uEaggregateMaximumBitRate UEAggregateMaximumBitRate,

subscriberProfileIDforRFP SubscriberProfileIDforRFP OPTIONAL,

e-RABs-ToBeSetup-List E-RABs-ToBeSetup-List,

rRC-Context RRC-Context,

handoverRestrictionList HandoverRestrictionList OPTIONAL,

locationReportingInformation LocationReportingInformation OPTIONAL,

iE-Extensions ProtocolExtensionContainer { {UE-ContextInformation-ExtIEs} } OPTIONAL,

...

}

<<<<<<<<<<<<<<<<<<<< skip unchanged >>>>>>>>>>>>>>>>>>>>

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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-- HANDOVER REQUEST ACKNOWLEDGE

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-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HandoverRequestAcknowledge ::= SEQUENCE {

protocolIEs ProtocolIE-Container {{HandoverRequestAcknowledge-IEs}},

...

}

HandoverRequestAcknowledge-IEs X2AP-PROTOCOL-IES ::= {

{ ID id-Old-eNB-UE-X2AP-ID CRITICALITY ignore TYPE UE-X2AP-ID PRESENCE mandatory}|

{ ID id-New-eNB-UE-X2AP-ID CRITICALITY ignore TYPE UE-X2AP-ID PRESENCE mandatory}|

{ ID id-E-RABs-Admitted-List CRITICALITY ignore TYPE E-RABs-Admitted-List PRESENCE mandatory}|

{ ID id-E-RABs-NotAdmitted-List CRITICALITY ignore TYPE E-RAB-List PRESENCE optional}|

{ ID id-TargeteNBtoSource-eNBTransparentContainer CRITICALITY ignore TYPE TargeteNBtoSource-eNBTransparentContainer PRESENCE mandatory}|

{ ID id-CriticalityDiagnostics CRITICALITY ignore TYPE CriticalityDiagnostics PRESENCE optional}|

{ ID id-UE-ContextKeptIndicator CRITICALITY ignore TYPE UE-ContextKeptIndicator PRESENCE optional}|

{ ID id-SeNB-UE-X2AP-ID-Extension CRITICALITY ignore TYPE UE-X2AP-ID-Extension PRESENCE optional}-- The id-SeNB-UE-X2AP-ID-Extension shall not be sent and shall be ignored, if received.--|

{ ID id-Old-eNB-UE-X2AP-ID-Extension CRITICALITY ignore TYPE UE-X2AP-ID-Extension PRESENCE optional}|

{ ID id-New-eNB-UE-X2AP-ID-Extension CRITICALITY reject TYPE UE-X2AP-ID-Extension PRESENCE optional}|

{ ID id-WT-UE-ContextKeptIndicator CRITICALITY ignore TYPE UE-ContextKeptIndicator PRESENCE optional}|

{ ID id-ERABs-transferred-to-MeNB CRITICALITY ignore TYPE E-RAB-List PRESENCE optional}|

{ ID id-CHOinformation-ACK CRITICALITY ignore TYPE CHOinformation-ACK PRESENCE optional},

...

}

E-RABs-Admitted-List ::= SEQUENCE (SIZE (1..maxnoofBearers)) OF ProtocolIE-Single-Container { {E-RABs-Admitted-ItemIEs} }

E-RABs-Admitted-ItemIEs X2AP-PROTOCOL-IES ::= {

{ ID id-E-RABs-Admitted-Item CRITICALITY ignore TYPE E-RABs-Admitted-Item PRESENCE mandatory }

}

E-RABs-Admitted-Item ::= SEQUENCE {

e-RAB-ID E-RAB-ID,

uL-GTP-TunnelEndpoint GTPtunnelEndpoint OPTIONAL,

dL-GTP-TunnelEndpoint GTPtunnelEndpoint OPTIONAL,

iE-Extensions ProtocolExtensionContainer { {E-RABs-Admitted-Item-ExtIEs} } OPTIONAL,

...

}

E-RABs-Admitted-Item-ExtIEs X2AP-PROTOCOL-EXTENSION ::= {

{ ID id-DAPSResponseInfo CRITICALITY reject EXTENSION DAPSResponseInfo PRESENCE optional},

...

}

<<<<<<<<<<<<<<<<<<<< End of Changes >>>>>>>>>>>>>>>>>>>>