**3GPP TSG-RAN WG3 Meeting #122 *R3-23xxxx***

**Chicago, US, 13-17 Nov, 2023**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | | |
|  | | | | | | | | | |
|  | **38.473** | **CR** | **1231** | **rev** | **1** | **Current version:** | **17.6.0** |  | |
|  | | | | | | | | | |
| *For* [***HELP***](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 |  |

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|  | | | | | | | | | | | | | | |
| ***Title:*** | Introduction of RedCap UE MBS Broadcast reception [MBS Broadcast RedCap] | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | |
| ***Source to WG:*** | Huawei, CBN | | | | | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | |
| ***Work item code:*** | NR\_MBS-Core, TEI18 | | | | | | |  | ***Date:*** | | | | 2023-11-13 | |
|  |  | | | | | |  | |  | | | |  | |
| ***Category:*** | **F** | |  | | | | | | | ***Release:*** | | | | Rel-18 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)*  *Rel-19 (Release 19)* | | |
|  |  | | | | | | | | | | | | | |
| ***Reason for change:*** | Based on LS S2-2311706, SA2 has agreed to introduce the new “Redcap UE information” IE forwarded to the NG-RAN nodes by 5GC. This IE can be used by gNB to determine the transmission resource. To make clear on how to configure CFR, the new *Redcap UE information* IE should be coded as enumeration with value ‘only RedCap UE’, ‘only non-RedCap UE’ and ‘both’. And for the disaggregated gNB, it is gNB-DU to decide the CFR configuration. Thus, in such case, the gNB-DU should be provided “Redcap UE information” IE by gNB-CU. | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | |
| ***Summary of change:*** | Introduce a new *Supported UE type List* IE to in BROADCAST CONTEXT SETUP REQUEST message and BROADCAST CONTEXT MODIFICATION REQUEST message, to indicate the supported UE types. | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | |
| ***Consequences if not approved:*** | It is not clear how the gNB-DU configure transmission resource if the gNB-DU cannot get the “Redcap UE information” for the MBS session. | | | | | | | | | | | | | |
|  | | | |  | | | | | | | | | | |
| ***Clauses affected:*** | | 8.14.1.2, 8.14.4.2, 9.2.13.1, 9.2.13.6, 9.3.1.x(new), 9.4.4, 9.4.5 and 9.4.7 | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | |
|  | | **Y** | | | **N** |  | | | | |  | | | |
| ***Other specs*** | | **x** | | |  | Other core specifications | | | | | TS 38.413 CR 1044  TS 38.300 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:*** | |  | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | |

<<<<<<<<<<<<<<<<<<<< First Change >>>>>>>>>>>>>>>>>>>>

8.14.1 Broadcast Context Setup

8.14.1.1 General

The purpose of the Broadcast Context Setup procedure is to establish an MBS Session context for a broadcast session in the gNB-DU.

The procedure uses MBS-associated signalling.

8.14.1.2 Successful Operation

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**Figure 8.14.1.2-1: Broadcast Context Setup procedure: Successful Operation**

The gNB-CU initiates the procedure by sending BROADCAST CONTEXT SETUP REQUEST message to the gNB-DU. If the gNB-DU succeeds to establish the broadcast MBS Session context, it replies to the gNB-CU with BROADCAST CONTEXT SETUP RESPONSE.

If the *MBS Service Area* IE is included in the BROADCAST CONTEXT SETUP REQUEST message, the gNB-DU shall take this information into account for shared F1-U tunnel assignment.

The gNB-DU shall report to the gNB-CU, in the BROADCAST CONTEXT SETUP RESPONSE message, the result of all the requested Broadcast MRBs in the following way:

- A list of MRBs which have been successfully established shall be included in the *Broadcast MRB Setup List* IE;

- A list of MRBs which failed to be established shall be included in the *Broadcast MRB Failed To Be Setup List* IE;

If the *Broadcast MRB Failed To Setup List* IE is contained in the BROADCAST CONTEXT SETUP RESPONSE message, the gNB-CU shall regard the Broadcast MRB(s) failed to be setup with an appropriate cause value for each Broadcast MRB failed to setup.

If

- either the *MBS Service Area* IE was included in the BROADCAST CONTEXT SETUP REQUEST message,

- or the the *MBS Service Area* IE was not included in the BROADCAST CONTEXT SETUP REQUEST message and the gNB-DU was not able to establish MBS Session Resources in all cells served by the gNB-DU,

the *Broadcast Area Scope* IE shall be included in the BROADCAST CONTEXT SETUP RESPONSE message to indicate the cells where MBS Session resources have been successfully established in the gNB-DU.

If the *Supported UE Type List* IE is included in the BROADCAST CONTEXT SETUP REQUEST message, the gNB-DU shall, if supported, take it into account to determine the transmission resource for the broadcast MBS session.

8.14.1.3 Unsuccessful Operation



**Figure 8.14.1.3-1: Broadcast Context Setup procedure: unsuccessful Operation**

If the gNB-DU is not able to establish the requested MBS session context for all the MRBs in any of its cells it shall consider the procedure as failed and reply with the BROADCAST CONTEXT SETUP FAILURE message.

8.14.1.4 Abnormal Conditions

Not applicable.

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

8.14.4 Broadcast Context Modification

8.14.4.1 General

The purpose of the Broadcast Context Modification procedure is to modify an established MBS Session context for a broadcast session in the gNB-DU.

The procedure uses MBS-associated signalling.

8.14.4.2 Successful Operation

****

**Figure 8.14.4.2-1: Broadcast Context Modification procedure. Successful operation**

The BROADCAST CONTEXT MODIFICATION REQUEST message is initiated by the gNB-CU.

Upon reception of the BROADCAST CONTEXT MODIFICATION REQUEST message, the gNB-DU shall perform the modifications, and, if successful, report the update in the BROADCAST CONTEXT MODIFICATION RESPONSE message.

If the *Broadcast MRB To Be Setup List* IE is contained in the BROADCAST CONTEXT MODIFICATION REQUEST message, the gNB-DU shall setup the corresponding resources for the requested MRB(s), and report to the gNB-CU, in the BROADCAST CONTEXT MODIFICATION RESPONSE message, the result of all the requested Broadcast MRBs in the following way:

- A list of MRBs which have been successfully established shall be included in the *Broadcast MRB Setup List* IE;

- A list of MRBs which failed to be established shall be included in the *Broadcast MRB Failed To Be Setup List* IE;

If the *Broadcast MRB Failed To Be Setup List* IE is contained in the BROADCAST CONTEXT MODIFICATION RESPONSE message, the gNB-CU shall regard the setup of the indicated MRB(s) as failed and indicate the reason for the failure with an appropriate cause value for each MRB failed to be setup.

If the *Broadcast MRB To Be Modified List* IE is contained in the BROADCAST CONTEXT MODIFICATION REQUEST message, the gNB-DU shall update the corresponding context and resources for the requested MRB(s), and report to the gNB-DU, in the BROADCAST CONTEXT MODIFICATION RESPONSE message, the modification result of all the requested Broadcast MRBs in the following way:

- A list of MRBs which have been successfully modified shall be included in the *Broadcast MRB Modified List* IE;

- A list of MRBs which failed to be modified shall be included in the *Broadcast MRB Failed To Be Modified List* IE;

If the *Broadcast MRB Failed To Be Modified List* IE is contained in the BROADCAST CONTEXT MODIFICATION RESPONSE message, the gNB-CU shall regard the Broadcast MRB(s) failed to be modified with an appropriate cause value for each Broadcast MRB failed to modify.

If the *MBS Service Area* IE is included in the BROADCAST CONTEXT MODIFICATION REQUEST message, the gNB-DU shall

- release MBS Session Resources within cells not contained in the *MBS Service Area* IE, if any;

- establish MBS Session Resources within cells which have not been contained in MBS Service Area information previously received;

- replace MBS Service Area information previously received with information received in the *MBS Service Area* IE included in the BROADCAST CONTEXT MODIFICATION REQUEST message;

- include the *Broadcast Area Scope* IE in the BROADCAST CONTEXT MODIFICATION RESPONSE message to indicate the cells where MBS Session resources are currently established in the gNB-DU.

If the the *MBS Service Area* IE was not included in the BROADCAST CONTEXT MODIFICATION REQUEST message and the gNB-DU has released MBS Session Resources within at least one cell or has established MBS Session Resources within at least one cell the gNB-DU shall include the *Broadcast Area Scope* IE in the BROADCAST CONTEXT MODIFICATION RESPONSE message to indicate the cells where MBS Session resources are currently established in the gNB-DU.

If the *Supported UE Type List* IE is included in the BROADCAST CONTEXT MODIFICATION REQUEST message, the gNB-DU shall, if supported, take it into account to determine the transmission resource for the broadcast MBS session.

8.14.4.3 Unsuccessful Operation



**Figure 8.14.4.3-1: Broadcast Context Modification procedure. Unsuccessful operation**

In case none of the requested modifications of the broadcast context can be successfully performed, the gNB-DU shall respond with the BROADCAST CONTEXT MODIFICATION FAILURE message with an appropriate cause value.

8.14.4.4 Abnormal Conditions

Not applicable.

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

9.2.13.1 BROADCAST CONTEXT SETUP REQUEST

This message is sent by the gNB-CU to request the setup of an MBS session context for a broadcast session, and establish an MBS-associated logical F1-connection.

Direction: gNB-CU → gNB-DU.

| **IE/Group Name** | **Presence** | **Range** | **IE type and reference** | **Semantics description** | **Criticality** | **Assigned Criticality** |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| gNB-CU MBS F1AP ID | M |  | 9.3.1.219 |  | YES | reject |
| MBS Session ID | M |  | 9.3.1.218 |  | YES | reject |
| MBS Service Area | O |  | 9.3.1.222 |  | YES | reject |
| MBS CU to DU RRC Information | M |  | 9.3.1.225 |  | YES | reject |
| S-NSSAI | M |  | 9.3.1.38 |  | YES | reject |
| **Broadcast MRB To Be Setup List** |  | *1* |  |  | YES | reject |
| **>Broadcast MRB to Be Setup Item IEs** |  | *1 .. <maxnoofMRBs>* |  |  | EACH | reject |
| >>MRB ID | M |  | MRB ID  9.3.1.224 |  | - |  |
| >>MRB QoS Information | M |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| **>>MBS QoS Flows Mapped to MRB Item** |  | *1 .. <maxnoofMBSQoSFlows>* |  |  | - |  |
| >>>MBS QoS Flow Identifier | M |  | QoS Flow Identifier 9.3.1.63 |  | - |  |
| >>>MBS QoS Flow Level QoS Parameters | M |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| >>BC Bearer Context F1-U TNL Info at CU | M |  | BC Bearer Context F1-U TNL Info  9.3.2.7 | gNB-CU endpoint(s) of the F1 transport bearer(s). For delivery of F1-U PDU Type 1. | - |  |
| Supported UE Type List | O |  | 9.3.1.x |  | YES | ignore |

|  |  |
| --- | --- |
| **Range bound** | **Explanation** |
| *maxnoofMRBs* | Maximum no. of MRB allowed to be setup for one MBS Session, the maximum value is 32. |
| *maxnoofMBSQoSFlows* | Maximum no. of flows allowed to be mapped to one MRB, the maximum value is 64. |

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

9.2.13.6 BROADCAST CONTEXT MODIFICATION REQUEST

This message is sent by the gNB-CU to request the gNB-DU to modify broadcast context information.

Direction: gNB-CU → gNB-DU

| **IE/Group Name** | **Presence** | **Range** | **IE type and reference** | **Semantics description** | **Criticality** | **Assigned Criticality** |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| gNB-CU MBS F1AP ID | M |  | 9.3.1.219 |  | YES | reject |
| gNB-DU MBS F1AP ID | M |  | 9.3.1.220 |  | YES | reject |
| MBS Service Area | O |  | 9.3.1.222 | Overwrites any previously received MBS Service Area information | YES | reject |
| MBS CU to DU RRC Information | M |  | 9.3.1.225 |  | YES | reject |
| **Broadcast MRB To Be Setup List** |  | *0..1* |  |  | YES | reject |
| **>Broadcast MRB to Be Setup Item IEs** |  | *1 .. <maxnoofMRBs>* |  |  | EACH | reject |
| >>MRB ID | M |  | MRB ID  9.3.1.224 |  | - |  |
| >>MRB QoS Information | M |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| **>>MBS QoS Flows Mapped to MRB Item** |  | *1 .. <maxnoofMBSQoSFlows>* |  |  | - |  |
| >>>MBS QoS Flow Identifier | M |  | QoS Flow Identifier 9.3.1.63 |  | - |  |
| >>>MBS QoS Flow Level QoS Parameters | M |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| >>BC Bearer Context F1-U TNL Info at CU | M |  | BC Bearer Context F1-U TNL Info  9.3.2.7 | gNB-CU endpoint(s) of the F1 transport bearer(s). For delivery of F1-U PDU Type 1. | - |  |
| **Broadcast MRB To Be Modified List** |  | *0..1* |  |  | YES | reject |
| **>Broadcast MRB to Be Modified Item IEs** |  | *1 .. <maxnoofMRBs>* |  |  | EACH | reject |
| >>MRB ID | M |  | MRB ID  9.3.1.224 |  | - |  |
| >>MRB QoS Information | O |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| **>>MBS QoS Flows Mapped to MRB Item** |  | *0 .. <maxnoofMBSQoSFlows>* |  |  | - |  |
| >>>MBS QoS Flow Identifier | M |  | QoS Flow Identifier 9.3.1.63 |  | - |  |
| >>>MBS QoS Flow Level QoS Parameters | M |  | QoS Flow Level QoS Parameters  9.3.1.45 |  | - |  |
| >>BC Bearer Context F1-U TNL Info at CU | O |  | BC Bearer Context F1-U TNL Info  9.3.2.7 | Updated gNB-CU endpoint(s) of the F1 transport bearer(s). For delivery of F1-U PDU Type 1. | - |  |
| **Broadcast MRB To Be Released List** |  | *0..1* |  |  | YES | reject |
| **>Broadcast MRB to Be Released Item IEs** |  | *1 .. <maxnoofMRBs>* |  |  | YES | reject |
| >>MRB ID | M |  | MRB ID  9.3.1.224 |  | - |  |
| Supported UE Type List | O |  | 9.3.1.x |  | YES | ignore |

|  |  |
| --- | --- |
| **Range bound** | **Explanation** |
| *maxnoofMRBs* | Maximum no. of MRB allowed to be setup for one MBS Session, the maximum value is 32. |
| *maxnoofMBSQoSFlows* | Maximum no. of flows allowed to be mapped to one MRB, the maximum value is 64. |

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

#### 9.3.1.x Supported UE Type List

This IE indicates the supported UE Type list for MBS session.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| **Supported UE Type Item IEs** |  | *1..< maxnoofUETypes >* |  |  |
| >Supported UE type | M |  | ENUMERATED (Non-RedCap-UE, RedCap-UE, ...) |  |

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

9.4.4 PDU Definitions

-- ASN1START

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

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-- PDU definitions for F1AP.

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

## Omit unchanged part

SRBs-Required-ToBeReleased-Item,

SRBs-ToBeReleased-Item,

SRBs-ToBeSetup-Item,

SRBs-ToBeSetupMod-Item,

SRBs-Modified-Item,

SRBs-Setup-Item,

SRBs-SetupMod-Item,

SupportedUETypeList,

TimeToWait,

TransactionID,

TransmissionActionIndicator,

UE-associatedLogicalF1-ConnectionItem,

UEIdentity-List-For-Paging-Item,

DUtoCURRCContainer,

PagingCell-Item,

SItype-List,

## Omit unchanged part

id-SRBs-ToBeSetupMod-List,

id-SRBs-Modified-Item,

id-SRBs-Modified-List,

id-SRBs-Setup-Item,

id-SRBs-Setup-List,

id-SRBs-SetupMod-Item,

id-SRBs-SetupMod-List,

id-SupportedUETypeList,

id-TimeToWait,

id-TransactionID,

id-TransmissionActionIndicator,

id-UEContextNotRetrievable,

id-UE-associatedLogicalF1-ConnectionItem,

id-UE-associatedLogicalF1-ConnectionListResAck,

## Omit unchanged part

BroadcastContextSetupRequestIEs F1AP-PROTOCOL-IES ::= {

{ ID id-gNB-CU-MBS-F1AP-ID CRITICALITY reject TYPE GNB-CU-MBS-F1AP-ID PRESENCE mandatory }|

{ ID id-MBS-Session-ID CRITICALITY reject TYPE MBS-Session-ID PRESENCE mandatory }|

{ ID id-MBS-ServiceArea CRITICALITY reject TYPE MBS-ServiceArea PRESENCE optional }|

{ ID id-MBS-CUtoDURRCInformation CRITICALITY reject TYPE MBS-CUtoDURRCInformation PRESENCE mandatory }|

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

{ ID id-BroadcastMRBs-ToBeSetup-List CRITICALITY reject TYPE BroadcastMRBs-ToBeSetup-List PRESENCE mandatory }|

{ ID id-SupportedUETypeList CRITICALITY ignore TYPE SupportedUETypeList PRESENCE optional },

...

}

## Omit unchanged part

BroadcastContextModificationRequestIEs F1AP-PROTOCOL-IES ::= {

{ ID id-gNB-CU-MBS-F1AP-ID CRITICALITY reject TYPE GNB-CU-MBS-F1AP-ID PRESENCE mandatory }|

{ ID id-gNB-DU-MBS-F1AP-ID CRITICALITY reject TYPE GNB-DU-MBS-F1AP-ID PRESENCE mandatory }|

{ ID id-MBS-ServiceArea CRITICALITY reject TYPE MBS-ServiceArea PRESENCE optional }|

{ ID id-MBS-CUtoDURRCInformation CRITICALITY reject TYPE MBS-CUtoDURRCInformation PRESENCE mandatory }|

{ ID id-BroadcastMRBs-ToBeSetupMod-List CRITICALITY reject TYPE BroadcastMRBs-ToBeSetupMod-List PRESENCE optional }|

{ ID id-BroadcastMRBs-ToBeModified-List CRITICALITY reject TYPE BroadcastMRBs-ToBeModified-List PRESENCE optional }|

{ ID id-BroadcastMRBs-ToBeReleased-List CRITICALITY reject TYPE BroadcastMRBs-ToBeReleased-List PRESENCE optional }|

{ ID id-SupportedUETypeList CRITICALITY ignore TYPE SupportedUETypeList PRESENCE optional },

...

}

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

### 9.4.5 Information Element Definitions

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-- Information Element Definitions

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

## Omit unchanged part

maxnoofMBSSessionsofUE,

maxnoofSLdestinations,

maxnoofNSAGs,

maxnoofSDTBearers,

maxnoofPosSITypes,

maxnoofMRBs,

maxNrofBWPs,

maxnoofUETypes

FROM F1AP-Constants

Criticality,

ProcedureCode,

ProtocolIE-ID,

TriggeringMessage

## Omit unchanged part

SULAccessIndication ::= ENUMERATED {true,...}

SupportedSULFreqBandItem ::= SEQUENCE {

freqBandIndicatorNr INTEGER (1..1024,...),

iE-Extensions ProtocolExtensionContainer { { SupportedSULFreqBandItem-ExtIEs} } OPTIONAL,

...

}

SupportedSULFreqBandItem-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

SupportedUETypeList ::= SEQUENCE (SIZE(1.. maxnoofUETypes)) OF SupportedUETypeList-Item

SupportedUETypeList-Item ::= SEQUENCE {

supportedUEtype ENUMERATED {non-redcap-ue, redcap-ue, ...},

iE-Extensions ProtocolExtensionContainer { { SupportedUETypeList-Item-ExtIEs } } OPTIONAL,

...

}

SupportedUETypeList-Item-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

SurvivalTime ::= INTEGER (0.. 1920000,...)

SymbolAllocInSlot ::= CHOICE {

all-DL NULL,

all-UL NULL,

both-DL-and-UL NumDLULSymbols,

choice-extension ProtocolIE-SingleContainer { { SymbolAllocInSlot-ExtIEs } }

}

SymbolAllocInSlot-ExtIEs F1AP-PROTOCOL-IES ::= {

...

}

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

### 9.4.7 Constant Definitions

-- ASN1START

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

--

-- Constant definitions

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

## Omit unchanged part

maxnoofNSAGs INTEGER ::= 256

maxnoofSDTBearers INTEGER ::= 72

maxnoofServingCellMOs INTEGER ::= 16

maxNrofBWPs INTEGER ::= 8

maxnoofPosSITypes INTEGER ::= 32

## Omit unchanged part

id-nrofSymbolsExtended ProtocolIE-ID ::= 702

id-repetitionFactorExtended ProtocolIE-ID ::= 703

id-startRBHopping ProtocolIE-ID ::= 704

id-startRBIndex ProtocolIE-ID ::= 705

id-transmissionCombn8 ProtocolIE-ID ::= 706

id-ServCellInfoList ProtocolIE-ID ::= 707

id-SupportedUETypeList ProtocolIE-ID ::= FFS

END

-- ASN1STOP

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