3GPP TSG-RAN WG3 Meeting #121 R3-234582

**Toulouse, France, 21st – 25th August 2023 was R3-234236**

Agenda Item: 26.1

Source: Ericsson, Huawei

Title: [TP for BL CR 38.413] Editorials for the NGAP BL CR

Document for: Discussions & Approval

# 1 Introduction

This TP provides editorial corrections as described in R3-234235 and changing the criticiality of the *Equivalent SNPNs List* IE from “ignore” to “reject”.

# 2 Text Proposal (against latest NGAP BL CR in R3-234533)

<<<<<<<<<<<<<<<<<<<< START OF CHANGES >>>>>>>>>>>>>>>>>>>>

#### 9.2.5.1 INITIAL UE MESSAGE

This message is sent by the NG-RAN node to transfer the initial layer 3 message to the AMF over the NG interface.

Direction: NG-RAN node → AMF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| Message Type | M |  | 9.3.1.1 |  | YES | ignore |
| RAN UE NGAP ID | M |  | 9.3.3.2 |  | YES | reject |
| NAS-PDU | M |  | 9.3.3.4 |  | YES | reject |
| User Location Information | M |  | 9.3.1.16 |  | YES | reject |
| RRC Establishment Cause | M |  | 9.3.1.111 |  | YES | ignore |
| 5G-S-TMSI | O |  | 9.3.3.20 |  | YES | reject |
| AMF Set ID | O |  | 9.3.3.12 |  | YES | ignore |
| UE Context Request | O |  | ENUMERATED (requested, ...) |  | YES | ignore |
| Allowed NSSAI | O |  | 9.3.1.31 |  | YES | reject |
| Source to Target AMF Information Reroute | O |  | 9.3.3.27 |  | YES | ignore |
| Selected PLMN Identity | O |  | PLMN Identity  9.3.3.5 | Indicates the selected PLMN id for the non-3GPP access. | YES | ignore |
| IAB Node Indication | O |  | ENUMERATED (true, ...) | Indication of an IAB node | YES | reject |
| CE-mode-B Support Indicator | O |  | 9.3.1.156 |  | YES | reject |
| LTE-M Indication | O |  | 9.3.1.157 |  | YES | ignore |
| EDT Session | O |  | ENUMERATED (true, …) |  | YES | ignore |
| Authenticated Indication | O |  | ENUMERATED (true, …) | Indicates the FN-RG has been authenticated by the access network. | YES | ignore |
| NPN Access Information | O |  | 9.3.3.46 |  | YES | reject |
| RedCap Indication | O |  | 9.3.1.228 |  | YES | ignore |
| Selected NID | O |  | NID  9.3.3.42 | Indicates, together with the *Selected PLMN Identity* IE, the selected SNPN Identity for the non-3GPP access. | YES | ignore |

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

#### 9.3.1.25 Target ID

This IE identifies the target for the handover.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| CHOICE *Target ID* | M |  |  |  | - |  |
| *>NG-RAN* |  |  |  |  |  |  |
| >>Global RAN Node ID | M |  | 9.3.1.5 |  | - |  |
| >>Selected TAI | M |  | TAI  9.3.3.11 |  | - |  |
| >>Selected Target SNPN Identity | O |  | NID  9.3.3.42 | This IE together with the *PLMN Identity* IE included in the *Selected TAI* IE indicates the target SNPN. | YES | reject |
| *>E-UTRAN* |  |  |  |  |  |  |
| >>Global eNB ID | M |  | Global ng-eNB ID  9.3.1.8 |  | - |  |
| >>Selected EPS TAI | M |  | EPS TAI  9.3.3.17 |  | - |  |
| *>Target RNC-ID* |  |  |  |  | YES | reject |
| >>LAI | M |  | 9.3.3.30 |  | - |  |
| >>RNC-ID | M |  | 9.3.1.123 | This IE is ignored if the *Extended RNC-ID* IE is included in the *Target ID* IE. | - |  |
| >>Extended RNC-ID | O |  | 9.3.1.124 | The *Extended RNC-ID* IE is used if the RNC identity has a value larger than 4095. | - |  |
| *>Target Home eNB ID* |  |  |  |  | YES | reject |
| >>PLMN Identity | M |  | 9.3.3.5 |  | - |  |
| >>Home eNB ID | M |  | BIT STRING (SIZE(28)) | Equal to the *E-UTRA Cell Identity* IE contained in the *E-UTRA CGI* IE of the cell served by the eNB. | - |  |
| >>Selected EPS TAI | M |  | EPS TAI  9.3.3.17 |  | - |  |

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

#### 9.3.1.184 NPN Mobility Information

This IE indicates the access restrictions related to an NPN.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| CHOICE *NPN Mobility Information* | M |  |  |  | - |  |
| *>SNPN Mobility Information* |  |  |  |  | - |  |
| >>Serving NID | M |  | NID  9.3.3.42 |  | - |  |
| **>>Equivalent SNPNs List** |  | *0..1* |  |  | YES | reject |
| **>>>Equivalent SNPNs Item** |  | *1..<maxnoofESNPNs>* |  | Allowed SNPNs in addition to Serving SNPN.  This list corresponds to the list of "equivalent SNPNs" as defined in TS 24.501 [26].  This list is part of the roaming restriction information. Roaming restrictions apply to SNPNs other than the Serving SNPN and Equivalent SNPNs. | - |  |
| >>>>PLMN Identity | M |  | 9.3.3.5 |  | - |  |
| >>>>NID | M |  | 9.3.3.42 |  | - |  |
| *>PNI-NPN Mobility Information* |  |  |  |  | - |  |
| >>Allowed PNI-NPN List | M |  | 9.3.3.45 |  | - |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofESNPNs | Maximum no. of equivalent SNPNs. Value is 15. |

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

### 9.4.4 PDU Definitions

-- ASN1START

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

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-- PDU definitions for NGAP.

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

NGAP-PDU-Contents {

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

ngran-Access (22) modules (3) ngap (1) version1 (1) ngap-PDU-Contents (1) }

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

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

--

-- IE parameter types from other modules.

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

IMPORTS

AllowedNSSAI,

AMFName,

AMFSetID,

AMF-TNLAssociationSetupList,

AMF-TNLAssociationToAddList,

AMF-TNLAssociationToRemoveList,

AMF-TNLAssociationToUpdateList,

AMF-UE-NGAP-ID,

AssistanceDataForPaging,

AuthenticatedIndication,

BroadcastCancelledAreaList,

BroadcastCompletedAreaList,

CancelAllWarningMessages,

Cause,

CellIDListForRestart,

CEmodeBrestricted,

CEmodeBSupport-Indicator,

CNAssistedRANTuning,

ConcurrentWarningMessageInd,

CoreNetworkAssistanceInformationForInactive,

CPTransportLayerInformation,

CriticalityDiagnostics,

DataCodingScheme,

DL-CP-SecurityInformation,

DirectForwardingPathAvailability,

EarlyStatusTransfer-TransparentContainer,

EDT-Session,

EmergencyAreaIDListForRestart,

EmergencyFallbackIndicator,

EN-DCSONConfigurationTransfer,

EndIndication,

Enhanced-CoverageRestriction,

EUTRA-CGI,

EUTRA-PagingeDRXInformation,

Extended-AMFName,

Extended-ConnectedTime,

Extended-RANNodeName,

FiveG-ProSeAuthorized,

FiveG-ProSePC5QoSParameters,

FiveG-S-TMSI,

GlobalRANNodeID,

GUAMI,

HandoverFlag,

HandoverType,

IAB-Authorized,

IAB-Supported,

IABNodeIndication,

IMSVoiceSupportIndicator,

IndexToRFSP,

InfoOnRecommendedCellsAndRANNodesForPaging,

IntersystemSONConfigurationTransfer,

LAI,

LTEM-Indication,

LocationReportingRequestType,

LTEUESidelinkAggregateMaximumBitrate,

LTEV2XServicesAuthorized,

MaskedIMEISV,

MBS-AreaSessionID,

MBS-ServiceArea,

MBS-SessionID,

MBS-DistributionReleaseRequestTransfer,

MBS-DistributionSetupRequestTransfer,

MBS-DistributionSetupResponseTransfer,

MBS-DistributionSetupUnsuccessfulTransfer,

MBSSessionReleaseResponseTransfer,

MBSSessionSetupOrModFailureTransfer,

MBSSessionSetupOrModRequestTransfer,

MBSSessionSetupOrModResponseTransfer,

MessageIdentifier,

MDTPLMNList,

MDTPLMNModificationList,

MobilityRestrictionList,

MulticastSessionActivationRequestTransfer,

MulticastSessionDeactivationRequestTransfer,

MulticastSessionUpdateRequestTransfer,

MulticastGroupPagingAreaList,

NAS-PDU,

NASSecurityParametersFromNGRAN,

NB-IoT-DefaultPagingDRX,

NB-IoT-PagingDRX,

NB-IoT-Paging-eDRXInfo,

NB-IoT-UEPriority,

NewSecurityContextInd,

NGRAN-CGI,

NGRAN-TNLAssociationToRemoveList,

NGRANTraceID,

NID,

NotifySourceNGRANNode,

NPN-AccessInformation,

NR-CGI,

NR-PagingeDRXInformation,

NRPPa-PDU,

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

id-WarningAreaCoordinates,

id-WarningAreaList,

id-WarningMessageContents,

id-WarningSecurityInfo,

id-WarningType,

id-WUS-Assistance-Information,

id-RIMInformationTransfer,

id-SelectedNID,

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

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

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-- INITIAL UE MESSAGE

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

InitialUEMessage ::= SEQUENCE {

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

...

}

InitialUEMessage-IEs NGAP-PROTOCOL-IES ::= {

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

{ ID id-NAS-PDU CRITICALITY reject TYPE NAS-PDU PRESENCE mandatory }|

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

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

{ ID id-FiveG-S-TMSI CRITICALITY reject TYPE FiveG-S-TMSI PRESENCE optional }|

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

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

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

{ ID id-SourceToTarget-AMFInformationReroute CRITICALITY ignore TYPE SourceToTarget-AMFInformationReroute PRESENCE optional }|

{ ID id-SelectedPLMNIdentity CRITICALITY ignore TYPE PLMNIdentity PRESENCE optional }|

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

{ ID id-CEmodeBSupport-Indicator CRITICALITY reject TYPE CEmodeBSupport-Indicator PRESENCE optional }|

{ ID id-LTEM-Indication CRITICALITY ignore TYPE LTEM-Indication PRESENCE optional }|

{ ID id-EDT-Session CRITICALITY ignore TYPE EDT-Session PRESENCE optional }|

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

{ ID id-NPN-AccessInformation CRITICALITY reject TYPE NPN-AccessInformation PRESENCE optional }|

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

{ ID id-SelectedNID CRITICALITY ignore TYPE NID PRESENCE optional },

...

}

<<<<<<<<<<<<<<<<<<<< NEXT OF CHANGES >>>>>>>>>>>>>>>>>>>>

### 9.4.5 Information Element Definitions

-- ASN1START

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

--

-- Information Element Definitions

--

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

NGAP-IEs {

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

ngran-Access (22) modules (3) ngap (1) version1 (1) ngap-IEs (2) }

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

IMPORTS

id-AdditionalDLForwardingUPTNLInformation,

id-AdditionalULForwardingUPTNLInformation,

id-AdditionalDLQosFlowPerTNLInformation,

id-AdditionalDLUPTNLInformationForHOList,

id-AdditionalNGU-UP-TNLInformation,

id-AdditionalRedundantDL-NGU-UP-TNLInformation,

id-AdditionalRedundantDLQosFlowPerTNLInformation,

id-AdditionalRedundantNGU-UP-TNLInformation,

id-AdditionalRedundantUL-NGU-UP-TNLInformation,

id-AdditionalUL-NGU-UP-TNLInformation,

id-AlternativeQoSParaSetList,

id-BurstArrivalTimeDownlink,

id-Cause,

id-CNPacketDelayBudgetDL,

id-CNPacketDelayBudgetUL,

id-CNTypeRestrictionsForEquivalent,

id-CNTypeRestrictionsForServing,

id-CommonNetworkInstance,

id-ConfiguredTACIndication,

id-CurrentQoSParaSetIndex,

id-DAPSRequestInfo,

id-DAPSResponseInfoList,

id-DataForwardingNotPossible,

id-DataForwardingResponseERABList,

id-DirectForwardingPathAvailability,

id-DL-NGU-UP-TNLInformation,

id-EndpointIPAddressAndPort,

id-EnergySavingIndication,

id-ExtendedPacketDelayBudget,

id-ExtendedRATRestrictionInformation,

id-ExtendedReportIntervalMDT,

id-ExtendedSliceSupportList,

id-ExtendedTAISliceSupportList,

id-ExtendedUEIdentityIndexValue,

id-EUTRA-PagingeDRXInformation,

id-EquivalentSNPNsList,

id-GlobalCable-ID,

id-GlobalRANNodeID,

id-GlobalTNGF-ID,

id-GlobalTWIF-ID,

id-GlobalW-AGF-ID,

id-GUAMIType,

id-IncludeBeamMeasurementsIndication,

id-IntersystemSONInformationRequest,

id-IntersystemSONInformationReply,

id-IntersystemResourceStatusUpdate,

id-LastEUTRAN-PLMNIdentity,

id-LastVisitedPSCellList,

id-LocationReportingAdditionalInfo,

id-M4ReportAmount,

id-M5ReportAmount,

id-M6ReportAmount,

id-ExcessPacketDelayThresholdConfiguration,

id-M7ReportAmount,

id-MaximumIntegrityProtectedDataRate-DL,

id-MBS-AreaSessionID,

id-MBS-QoSFlowsToBeSetupList,

id-MBS-QoSFlowsToBeSetupModList,

id-MBS-QoSFlowToReleaseList,

id-MBS-ServiceArea,

id-MBS-SessionFSAIDList,

id-MBS-SessionID,

id-MBS-ActiveSessionInformation-SourcetoTargetList,

id-MBS-ActiveSessionInformation-TargettoSourceList,

id-MBS-SessionTNLInfo5GC,

id-MBS-SupportIndicator,

id-MBSSessionFailedtoSetupList,

id-MBSSessionFailedtoSetuporModifyList,

id-MBSSessionSetupResponseList,

id-MBSSessionSetuporModifyResponseList,

id-MBSSessionToReleaseList,

id-MBSSessionSetupRequestList,

id-MBSSessionSetuporModifyRequestList,

id-MDTConfiguration,

id-MicoAllPLMN,

id-NetworkInstance,

id-NGAPIESupportInformationRequestList,

id-NGAPIESupportInformationResponseList,

id-NID,

id-NR-CGI,

id-NRNTNTAIInformation,

id-NPN-MobilityInformation,

id-NPN-PagingAssistanceInformation,

id-NPN-Support,

id-NR-PagingeDRXInformation,

id-OldAssociatedQosFlowList-ULendmarkerexpected,

id-OnboardingSupport,

id-PagingAssisDataforCEcapabUE,

id-PagingCauseIndicationForVoiceService,

id-PDUSessionAggregateMaximumBitRate,

id-PduSessionExpectedUEActivityBehaviour,

id-PDUSessionPairID,

id-PDUSessionResourceFailedToSetupListCxtFail,

id-PDUSessionResourceReleaseResponseTransfer,

id-PDUSessionType,

id-PEIPSassistanceInformation,

id-PSCellInformation,

id-QMCConfigInfo,

id-QosFlowAddOrModifyRequestList,

id-QosFlowFailedToSetupList,

id-QosFlowFeedbackList,

id-QosFlowParametersList,

id-QosFlowSetupRequestList,

id-QosFlowToReleaseList,

id-QosMonitoringRequest,

id-QosMonitoringReportingFrequency,

id-SuccessfulHandoverReportList,

id-UEContextReferenceAtSource,

id-RAT-Information,

id-RedundantCommonNetworkInstance,

id-RedundantDL-NGU-TNLInformationReused,

id-RedundantDL-NGU-UP-TNLInformation,

id-RedundantDLQosFlowPerTNLInformation,

id-RedundantPDUSessionInformation,

id-RedundantQosFlowIndicator,

id-RedundantUL-NGU-UP-TNLInformation,

id-SCTP-TLAs,

id-SecondaryRATUsageInformation,

id-SecurityIndication,

id-SecurityResult,

id-SgNB-UE-X2AP-ID,

id-S-NSSAI,

id-SONInformationReport,

id-SourceNodeID,

id-SourceNodeTNLAddrInfo,

id-SourceTNLAddrInfo,

id-SurvivalTime,

id-Selected-Target-SNPN-Identity,

id-TNLAssociationTransportLayerAddressNGRAN,

id-TAINSAGSupportList,

id-TargetHomeENB-ID,

id-TargetRNC-ID,

id-TraceCollectionEntityURI,

id-TSCTrafficCharacteristics,

id-UEHistoryInformationFromTheUE,

id-UERadioCapabilityForPaging,

id-UERadioCapabilityForPagingOfNB-IoT,

id-UL-NGU-UP-TNLInformation,

id-UL-NGU-UP-TNLModifyList,

id-ULForwarding,

id-ULForwardingUP-TNLInformation,

id-UsedRSNInformation,

id-UserLocationInformationTNGF,

id-UserLocationInformationTWIF,

id-UserLocationInformationW-AGF,

id-EarlyMeasurement,

id-BeamMeasurementsReportConfiguration,

id-TAI,

id-HFCNode-ID-new,

id-GlobalCable-ID-new,

maxnoofAllowedAreas,

maxnoofAllowedCAGsperPLMN,

maxnoofAllowedS-NSSAIs,

maxnoofBluetoothName,

maxnoofBPLMNs,

maxnoofCAGSperCell,

maxnoofCandidateCells,

maxnoofCellIDforMDT,

maxnoofCellIDforQMC,

maxnoofCellIDforWarning,

maxnoofCellinAoI,

maxnoofCellinEAI,

maxnoofCellsforMBS,

maxnoofCellsingNB,

maxnoofCellsinngeNB,

maxnoofCellsinNGRANNode,

maxnoofCellinTAI,

maxnoofCellsinUEHistoryInfo,

maxnoofCellsUEMovingTrajectory,

maxnoofDRBs,

maxnoofEmergencyAreaID,

maxnoofEAIforRestart,

maxnoofEPLMNs,

maxnoofEPLMNsPlusOne,

maxnoofE-RABs,

maxnoofErrors,

maxnoofExtSliceItems,

maxnoofESNPNs,

maxnoofForbTACs,

maxnoofFreqforMDT,

maxnoofMBSFSAs,

maxnoofMBSQoSFlows,

maxnoofMBSServiceAreaInformation,

maxnoofMBSAreaSessionIDs,

maxnoofMBSSessions,

maxnoofMBSSessionsofUE,

maxnoofMDTPLMNs,

maxnoofMRBs,

maxnoofMultiConnectivity,

maxnoofMultiConnectivityMinusOne,

maxnoofNeighPCIforMDT,

maxnoofNGAPIESupportInfo,

maxnoofNGConnectionsToReset,

maxNRARFCN,

maxnoofNRCellBands,

maxnoofNSAGs,

maxnoofPagingAreas,

maxnoofPC5QoSFlows,

maxnoofPDUSessions,

maxnoofPLMNs,

maxnoofPLMNforQMC,

maxnoofQosFlows,

maxnoofQosParaSets,

maxnoofRANNodeinAoI,

maxnoofRecommendedCells,

maxnoofRecommendedRANNodes,

maxnoofAoI,

maxnoofPSCellsPerPrimaryCellinUEHistoryInfo,

maxnoofReportedCells,

maxnoofSensorName,

maxnoofServedGUAMIs,

maxnoofSliceItems,

maxnoofSNSSAIforQMC,

maxnoofSuccessfulHOReports,

maxnoofTACs,

maxnoofTACsinNTN,

maxnoofTAforMDT,

maxnoofTAforQMC,

maxnoofTAIforInactive,

maxnoofTAIforMBS,

maxnoofTAIforPaging,

maxnoofTAIforRestart,

maxnoofTAIforWarning,

maxnoofTAIinAoI,

maxnoofTargetS-NSSAIs,

maxnoofTimePeriods,

maxnoofTNLAssociations,

maxnoofUEAppLayerMeas,

maxnoofUEsforPaging,

maxnoofWLANName,

maxnoofXnExtTLAs,

maxnoofXnGTP-TLAs,

maxnoofXnTLAs,

maxnoofThresholdsForExcessPacketDelay

<<< Skip unchanged>>>

-- E

<<< Skip unchanged>>>

EquivalentSNPNsList ::= SEQUENCE (SIZE(1..maxnoofESNPNs)) of EquivalentSNPNsItem

EquivalentSNPNsItem ::= SEQUENCE {

plmnIdentity PLMNIdentity,

nID NID,

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

...

}

EquivalentSNPNsItem-ExtIEs NGAP-PROTOCOL-EXTENSION ::={

...

}

-- S

<<< Skip unchanged>>>

SNPN-MobilityInformation ::= SEQUENCE {

serving-NID NID,

iE-Extensions ProtocolExtensionContainer { {SNPN-MobilityInformation-ExtIEs} } OPTIONAL,

...

}

SNPN-MobilityInformation-ExtIEs NGAP-PROTOCOL-EXTENSION ::= {

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

...

}

<<< Skip unchanged>>>

-- T

<<< Skip unchanged>>>

TargetRANNodeID ::= SEQUENCE {

globalRANNodeID GlobalRANNodeID,

selectedTAI TAI,

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

...

}

TargetRANNodeID-ExtIEs NGAP-PROTOCOL-EXTENSION ::= {

{ID id-Selected-Target-SNPN-Identity CRITICALITY reject EXTENSION NID PRESENCE optional },

...

}

<<< Skip unchanged>>>

### 9.4.7 Constant Definitions

-- ASN1START

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

--

-- Constant definitions

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

<<< Skip unchanged>>>

maxNRARFCN INTEGER ::= 3279165

maxnoofCellIDforQMC INTEGER ::= 32

maxnoofPLMNforQMC INTEGER ::= 16

maxnoofUEAppLayerMeas INTEGER ::= 16

maxnoofSNSSAIforQMC INTEGER ::= 16

maxnoofTAforQMC INTEGER ::= 8

maxnoofThresholdsForExcessPacketDelay INTEGER ::= 255

maxnoofESNPNs INTEGER ::= 15

<<< Skip unchanged>>>

id-MBS-SessionFSAIDList ProtocolIE-ID ::= 357

id-MBSSessionReleaseResponseTransfer ProtocolIE-ID ::= 358

id-ManagementBasedMDTPLMNModificationList ProtocolIE-ID ::= 359

id-EarlyMeasurement ProtocolIE-ID ::= 360

id-BeamMeasurementsReportConfiguration ProtocolIE-ID ::= 361

id-HFCNode-ID-new ProtocolIE-ID ::= 362

id-GlobalCable-ID-new ProtocolIE-ID ::= 363

id-TargetHomeENB-ID ProtocolIE-ID ::= 364

id-Selected-Target-SNPN-Identity ProtocolIE-ID ::= XXX

id-EquivalentSNPNsList ProtocolIE-ID ::= YYY

id-SelectedNID ProtocolIE-ID ::= ZZZ

END

-- ASN1STOP

<<<<<<<<<<<<<<<<<<<< END OF CHANGES >>>>>>>>>>>>>>>>>>>>