Name of the IE: (NR-RRC-DEFINITIONS)

Name of the Sub\_IE: (NR-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

BEGIN

Name of the IE: (BCCH-BCH-MESSAGE)

Name of the Sub\_IE: (BCCH-BCH-Message)

message BCCH-BCH-MessageType

Name of the Sub\_IE: (BCCH-BCH-MessageType)

mib MIB,

Name of the Sub\_IE: (BCCH-BCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (BCCH-DL-SCH-MESSAGE)

Name of the Sub\_IE: (BCCH-DL-SCH-Message)

message BCCH-DL-SCH-MessageType

Name of the Sub\_IE: (BCCH-DL-SCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (BCCH-DL-SCH-MessageType)

systemInformation SystemInformation,

Name of the Sub\_IE: (BCCH-DL-SCH-MessageType)

systemInformationBlockType1 SIB1

Name of the Sub\_IE: (BCCH-DL-SCH-MessageType)

},

Name of the Sub\_IE: (BCCH-DL-SCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (DL-CCCH-MESSAGE)

Name of the Sub\_IE: (DL-CCCH-Message)

message DL-CCCH-MessageType

Name of the Sub\_IE: (DL-CCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (DL-CCCH-MessageType)

rrcReject RRCReject,

Name of the Sub\_IE: (DL-CCCH-MessageType)

rrcSetup RRCSetup,

Name of the Sub\_IE: (DL-CCCH-MessageType)

spare2 NULL,

Name of the Sub\_IE: (DL-CCCH-MessageType)

spare1 NULL

Name of the Sub\_IE: (DL-CCCH-MessageType)

},

Name of the Sub\_IE: (DL-CCCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (DL-DCCH-MESSAGE)

Name of the Sub\_IE: (DL-DCCH-Message)

message DL-DCCH-MessageType

Name of the Sub\_IE: (DL-DCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (DL-DCCH-MessageType)

rrcReconfiguration RRCReconfiguration,

Name of the Sub\_IE: (DL-DCCH-MessageType)

rrcResume RRCResume,

Name of the Sub\_IE: (DL-DCCH-MessageType)

rrcRelease RRCRelease,

Name of the Sub\_IE: (DL-DCCH-MessageType)

rrcReestablishment RRCReestablishment,

Name of the Sub\_IE: (DL-DCCH-MessageType)

securityModeCommand SecurityModeCommand,

Name of the Sub\_IE: (DL-DCCH-MessageType)

dlInformationTransfer DLInformationTransfer,

Name of the Sub\_IE: (DL-DCCH-MessageType)

ueCapabilityEnquiry UECapabilityEnquiry,

Name of the Sub\_IE: (DL-DCCH-MessageType)

counterCheck CounterCheck,

Name of the Sub\_IE: (DL-DCCH-MessageType)

mobilityFromNRCommand MobilityFromNRCommand,

Name of the Sub\_IE: (DL-DCCH-MessageType)

dlDedicatedMessageSegment-r16 DLDedicatedMessageSegment-r16,

Name of the Sub\_IE: (DL-DCCH-MessageType)

ueInformationRequest-r16 UEInformationRequest-r16,

Name of the Sub\_IE: (DL-DCCH-MessageType)

dlInformationTransferMRDC-r16 DLInformationTransferMRDC-r16,

Name of the Sub\_IE: (DL-DCCH-MessageType)

loggedMeasurementConfiguration-r16 LoggedMeasurementConfiguration-r16,

Name of the Sub\_IE: (DL-DCCH-MessageType)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (DL-DCCH-MessageType)

},

Name of the Sub\_IE: (DL-DCCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (MCCH-MESSAGE)

Name of the Sub\_IE: (MCCH-Message-r17)

message MCCH-MessageType-r17

Name of the Sub\_IE: (MCCH-MessageType-r17)

c1 CHOICE {

Name of the Sub\_IE: (MCCH-MessageType-r17)

mbsBroadcastConfiguration-r17 MBSBroadcastConfiguration-r17,

Name of the Sub\_IE: (MCCH-MessageType-r17)

spare1 NULL

Name of the Sub\_IE: (MCCH-MessageType-r17)

},

Name of the Sub\_IE: (MCCH-MessageType-r17)

messageClassExtension SEQUENCE {}

Name of the IE: (PCCH-PCH-MESSAGE)

Name of the Sub\_IE: (PCCH-Message)

message PCCH-MessageType

Name of the Sub\_IE: (PCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (PCCH-MessageType)

paging Paging,

Name of the Sub\_IE: (PCCH-MessageType)

spare1 NULL

Name of the Sub\_IE: (PCCH-MessageType)

},

Name of the Sub\_IE: (PCCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (UL-CCCH-MESSAGE)

Name of the Sub\_IE: (UL-CCCH-Message)

message UL-CCCH-MessageType

Name of the Sub\_IE: (UL-CCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (UL-CCCH-MessageType)

rrcSetupRequest RRCSetupRequest,

Name of the Sub\_IE: (UL-CCCH-MessageType)

rrcResumeRequest RRCResumeRequest,

Name of the Sub\_IE: (UL-CCCH-MessageType)

rrcReestablishmentRequest RRCReestablishmentRequest,

Name of the Sub\_IE: (UL-CCCH-MessageType)

rrcSystemInfoRequest RRCSystemInfoRequest

Name of the Sub\_IE: (UL-CCCH-MessageType)

},

Name of the Sub\_IE: (UL-CCCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (UL-CCCH1-MESSAGE)

Name of the Sub\_IE: (UL-CCCH1-Message)

message UL-CCCH1-MessageType

Name of the Sub\_IE: (UL-CCCH1-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (UL-CCCH1-MessageType)

rrcResumeRequest1 RRCResumeRequest1,

Name of the Sub\_IE: (UL-CCCH1-MessageType)

spare3 NULL,

Name of the Sub\_IE: (UL-CCCH1-MessageType)

spare2 NULL,

Name of the Sub\_IE: (UL-CCCH1-MessageType)

spare1 NULL

Name of the Sub\_IE: (UL-CCCH1-MessageType)

},

Name of the Sub\_IE: (UL-CCCH1-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (UL-DCCH-MESSAGE)

Name of the Sub\_IE: (UL-DCCH-Message)

message UL-DCCH-MessageType

Name of the Sub\_IE: (UL-DCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (UL-DCCH-MessageType)

measurementReport MeasurementReport,

Name of the Sub\_IE: (UL-DCCH-MessageType)

rrcReconfigurationComplete RRCReconfigurationComplete,

Name of the Sub\_IE: (UL-DCCH-MessageType)

rrcSetupComplete RRCSetupComplete,

Name of the Sub\_IE: (UL-DCCH-MessageType)

rrcReestablishmentComplete RRCReestablishmentComplete,

Name of the Sub\_IE: (UL-DCCH-MessageType)

rrcResumeComplete RRCResumeComplete,

Name of the Sub\_IE: (UL-DCCH-MessageType)

securityModeComplete SecurityModeComplete,

Name of the Sub\_IE: (UL-DCCH-MessageType)

securityModeFailure SecurityModeFailure,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ulInformationTransfer ULInformationTransfer,

Name of the Sub\_IE: (UL-DCCH-MessageType)

locationMeasurementIndication LocationMeasurementIndication,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ueCapabilityInformation UECapabilityInformation,

Name of the Sub\_IE: (UL-DCCH-MessageType)

counterCheckResponse CounterCheckResponse,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ueAssistanceInformation UEAssistanceInformation,

Name of the Sub\_IE: (UL-DCCH-MessageType)

failureInformation FailureInformation,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ulInformationTransferMRDC ULInformationTransferMRDC,

Name of the Sub\_IE: (UL-DCCH-MessageType)

scgFailureInformation SCGFailureInformation,

Name of the Sub\_IE: (UL-DCCH-MessageType)

scgFailureInformationEUTRA SCGFailureInformationEUTRA

Name of the Sub\_IE: (UL-DCCH-MessageType)

},

Name of the Sub\_IE: (UL-DCCH-MessageType)

messageClassExtension CHOICE {

Name of the Sub\_IE: (UL-DCCH-MessageType)

c2 CHOICE {

Name of the Sub\_IE: (UL-DCCH-MessageType)

ulDedicatedMessageSegment-r16 ULDedicatedMessageSegment-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

dedicatedSIBRequest-r16 DedicatedSIBRequest-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

mcgFailureInformation-r16 MCGFailureInformation-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ueInformationResponse-r16 UEInformationResponse-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

sidelinkUEInformationNR-r16 SidelinkUEInformationNR-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

ulInformationTransferIRAT-r16 ULInformationTransferIRAT-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

iabOtherInformation-r16 IABOtherInformation-r16,

Name of the Sub\_IE: (UL-DCCH-MessageType)

mbsInterestIndication-r17 MBSInterestIndication-r17,

Name of the Sub\_IE: (UL-DCCH-MessageType)

uePositioningAssistanceInfo-r17 UEPositioningAssistanceInfo-r17,

Name of the Sub\_IE: (UL-DCCH-MessageType)

measurementReportAppLayer-r17 MeasurementReportAppLayer-r17,

Name of the Sub\_IE: (UL-DCCH-MessageType)

spare6 NULL, spare5 NULL, spare4 NULL, spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (UL-DCCH-MessageType)

},

Name of the Sub\_IE: (UL-DCCH-MessageType)

messageClassExtensionFuture-r16 SEQUENCE {}

Name of the IE: (COUNTERCHECK)

Name of the Sub\_IE: (CounterCheck)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (CounterCheck)

criticalExtensions CHOICE {

Name of the Sub\_IE: (CounterCheck)

counterCheck CounterCheck-IEs,

Name of the Sub\_IE: (CounterCheck)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (CounterCheck-IEs)

drb-CountMSB-InfoList DRB-CountMSB-InfoList,

Name of the Sub\_IE: (CounterCheck-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CounterCheck-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (DRB-CountMSB-InfoList)

DRB-CountMSB-InfoList SEQUENCE (SIZE (1..maxDRB)) OF DRB-CountMSB-Info

Name of the Sub\_IE: (DRB-CountMSB-Info)

drb-Identity DRB-Identity,

Name of the Sub\_IE: (DRB-CountMSB-Info)

countMSB-Uplink INTEGER(0..33554431),

Name of the Sub\_IE: (DRB-CountMSB-Info)

countMSB-Downlink INTEGER(0..33554431)

Name of the IE: (COUNTERCHECKRESPONSE)

Name of the Sub\_IE: (CounterCheckResponse)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (CounterCheckResponse)

criticalExtensions CHOICE {

Name of the Sub\_IE: (CounterCheckResponse)

counterCheckResponse CounterCheckResponse-IEs,

Name of the Sub\_IE: (CounterCheckResponse)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (CounterCheckResponse-IEs)

drb-CountInfoList DRB-CountInfoList,

Name of the Sub\_IE: (CounterCheckResponse-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CounterCheckResponse-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (DRB-CountInfoList)

DRB-CountInfoList SEQUENCE (SIZE (0..maxDRB)) OF DRB-CountInfo

Name of the Sub\_IE: (DRB-CountInfo)

drb-Identity DRB-Identity,

Name of the Sub\_IE: (DRB-CountInfo)

count-Uplink INTEGER(0..4294967295),

Name of the Sub\_IE: (DRB-CountInfo)

count-Downlink INTEGER(0..4294967295)

Name of the IE: (DEDICATEDSIBREQUEST)

Name of the Sub\_IE: (DedicatedSIBRequest-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (DedicatedSIBRequest-r16)

dedicatedSIBRequest-r16 DedicatedSIBRequest-r16-IEs,

Name of the Sub\_IE: (DedicatedSIBRequest-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

onDemandSIB-RequestList-r16 SEQUENCE {

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

requestedSIB-List-r16 SEQUENCE (SIZE (1..maxOnDemandSIB-r16)) OF SIB-ReqInfo-r16 OPTIONAL,

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

requestedPosSIB-List-r16 SEQUENCE (SIZE (1..maxOnDemandPosSIB-r16)) OF PosSIB-ReqInfo-r16 OPTIONAL

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

} OPTIONAL,

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (DedicatedSIBRequest-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (SIB-ReqInfo-r16)

SIB-ReqInfo-r16 ENUMERATED { sib12, sib13, sib14, sib20-v1700, sib21-v1700, spare3, spare2, spare1 }

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

gnss-id-r16 GNSS-ID-r16 OPTIONAL,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

sbas-id-r16 SBAS-ID-r16 OPTIONAL,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType-r16 ENUMERATED { posSibType1-1, posSibType1-2, posSibType1-3, posSibType1-4, posSibType1-5, posSibType1-6,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType1-7, posSibType1-8, posSibType2-1, posSibType2-2, posSibType2-3, posSibType2-4,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType2-5, posSibType2-6, posSibType2-7, posSibType2-8, posSibType2-9, posSibType2-10,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType2-11, posSibType2-12, posSibType2-13, posSibType2-14, posSibType2-15,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType2-16, posSibType2-17, posSibType2-18, posSibType2-19, posSibType2-20,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType2-21, posSibType2-22, posSibType2-23, posSibType3-1, posSibType4-1,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType5-1, posSibType6-1, posSibType6-2, posSibType6-3,..., posSibType1-9-v1710,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType1-10-v1710, posSibType2-24-v1710, posSibType2-25-v1710,

Name of the Sub\_IE: (PosSIB-ReqInfo-r16)

posSibType6-4-v1710, posSibType6-5-v1710, posSibType6-6-v1710 }

Name of the IE: (DLDEDICATEDMESSAGESEGMENT)

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16)

dlDedicatedMessageSegment-r16 DLDedicatedMessageSegment-r16-IEs,

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16-IEs)

segmentNumber-r16 INTEGER(0..4),

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16-IEs)

rrc-MessageSegmentContainer-r16 OCTET STRING,

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16-IEs)

rrc-MessageSegmentType-r16 ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (DLDedicatedMessageSegment-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (DLINFORMATIONTRANSFER)

Name of the Sub\_IE: (DLInformationTransfer)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (DLInformationTransfer)

criticalExtensions CHOICE {

Name of the Sub\_IE: (DLInformationTransfer)

dlInformationTransfer DLInformationTransfer-IEs,

Name of the Sub\_IE: (DLInformationTransfer)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (DLInformationTransfer-IEs)

dedicatedNAS-Message DedicatedNAS-Message OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (DLInformationTransfer-IEs)

nonCriticalExtension DLInformationTransfer-v1610-IEs OPTIONAL

Name of the Sub\_IE: (DLInformationTransfer-v1610-IEs)

referenceTimeInfo-r16 ReferenceTimeInfo-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-v1610-IEs)

nonCriticalExtension DLInformationTransfer-v1700-IEs OPTIONAL

Name of the Sub\_IE: (DLInformationTransfer-v1700-IEs)

dedicatedInfoF1c-r17 DedicatedInfoF1c-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-v1700-IEs)

rxTxTimeDiff-gNB-r17 RxTxTimeDiff-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-v1700-IEs)

ta-PDC-r17 ENUMERATED {activate,deactivate} OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-v1700-IEs)

sib9Fallback-r17 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransfer-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (DLINFORMATIONTRANSFERMRDC)

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

c1 CHOICE {

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

dlInformationTransferMRDC-r16 DLInformationTransferMRDC-r16-IEs,

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

},

Name of the Sub\_IE: (DLInformationTransferMRDC-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (DLInformationTransferMRDC-r16-IEs)

dl-DCCH-MessageNR-r16 OCTET STRING OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransferMRDC-r16-IEs)

dl-DCCH-MessageEUTRA-r16 OCTET STRING OPTIONAL, -- Need N

Name of the Sub\_IE: (DLInformationTransferMRDC-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (DLInformationTransferMRDC-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (FAILUREINFORMATION)

Name of the Sub\_IE: (FailureInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (FailureInformation)

failureInformation FailureInformation-IEs,

Name of the Sub\_IE: (FailureInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (FailureInformation-IEs)

failureInfoRLC-Bearer FailureInfoRLC-Bearer OPTIONAL,

Name of the Sub\_IE: (FailureInformation-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (FailureInformation-IEs)

nonCriticalExtension FailureInformation-v1610-IEs OPTIONAL

Name of the Sub\_IE: (FailureInfoRLC-Bearer)

cellGroupId CellGroupId,

Name of the Sub\_IE: (FailureInfoRLC-Bearer)

logicalChannelIdentity LogicalChannelIdentity,

Name of the Sub\_IE: (FailureInfoRLC-Bearer)

failureType ENUMERATED {rlc-failure, spare3, spare2, spare1}

Name of the Sub\_IE: (FailureInformation-v1610-IEs)

failureInfoDAPS-r16 FailureInfoDAPS-r16 OPTIONAL,

Name of the Sub\_IE: (FailureInformation-v1610-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (FailureInfoDAPS-r16)

failureType-r16 ENUMERATED {daps-failure, spare3, spare2, spare1}

Name of the IE: (IABOTHERINFORMATION)

Name of the Sub\_IE: (IABOtherInformation-r16)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (IABOtherInformation-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (IABOtherInformation-r16)

iabOtherInformation-r16 IABOtherInformation-r16-IEs,

Name of the Sub\_IE: (IABOtherInformation-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

ip-InfoType-r16 CHOICE {

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IP-Request-r16 SEQUENCE {

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv4-AddressNumReq-r16 IAB-IP-AddressNumReq-r16 OPTIONAL,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-AddressReq-r16 CHOICE {

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-AddressNumReq-r16 IAB-IP-AddressNumReq-r16,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-AddressPrefixReq-r16 IAB-IP-AddressPrefixReq-r16,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

...

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

} OPTIONAL

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

},

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IP-Report-r16 SEQUENCE {

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv4-AddressReport-r16 IAB-IP-AddressAndTraffic-r16 OPTIONAL,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-Report-r16 CHOICE {

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-AddressReport-r16 IAB-IP-AddressAndTraffic-r16,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

iab-IPv6-PrefixReport-r16 IAB-IP-PrefixAndTraffic-r16,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

...

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

} OPTIONAL

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

},

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

...

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

},

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (IABOtherInformation-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (IAB-IP-AddressNumReq-r16)

all-Traffic-NumReq-r16 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressNumReq-r16)

f1-C-Traffic-NumReq-r16 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressNumReq-r16)

f1-U-Traffic-NumReq-r16 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressNumReq-r16)

non-F1-Traffic-NumReq-r16 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressNumReq-r16)

...

Name of the Sub\_IE: (IAB-IP-AddressPrefixReq-r16)

all-Traffic-PrefixReq-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressPrefixReq-r16)

f1-C-Traffic-PrefixReq-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressPrefixReq-r16)

f1-U-Traffic-PrefixReq-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressPrefixReq-r16)

non-F1-Traffic-PrefixReq-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressPrefixReq-r16)

...

Name of the Sub\_IE: (IAB-IP-AddressAndTraffic-r16)

all-Traffic-IAB-IP-Address-r16 SEQUENCE (SIZE(1..8)) OF IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressAndTraffic-r16)

f1-C-Traffic-IP-Address-r16 SEQUENCE (SIZE(1..8)) OF IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressAndTraffic-r16)

f1-U-Traffic-IP-Address-r16 SEQUENCE (SIZE(1..8)) OF IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-AddressAndTraffic-r16)

non-F1-Traffic-IP-Address-r16 SEQUENCE (SIZE(1..8)) OF IAB-IP-Address-r16 OPTIONAL

Name of the Sub\_IE: (IAB-IP-PrefixAndTraffic-r16)

all-Traffic-IAB-IP-Address-r16 IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-PrefixAndTraffic-r16)

f1-C-Traffic-IP-Address-r16 IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-PrefixAndTraffic-r16)

f1-U-Traffic-IP-Address-r16 IAB-IP-Address-r16 OPTIONAL,

Name of the Sub\_IE: (IAB-IP-PrefixAndTraffic-r16)

non-F1-Traffic-IP-Address-r16 IAB-IP-Address-r16 OPTIONAL

Name of the IE: (LOCATIONMEASUREMENTINDICATION)

Name of the Sub\_IE: (LocationMeasurementIndication)

criticalExtensions CHOICE {

Name of the Sub\_IE: (LocationMeasurementIndication)

locationMeasurementIndication LocationMeasurementIndication-IEs,

Name of the Sub\_IE: (LocationMeasurementIndication)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (LocationMeasurementIndication-IEs)

measurementIndication SetupRelease {LocationMeasurementInfo},

Name of the Sub\_IE: (LocationMeasurementIndication-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (LocationMeasurementIndication-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (LOGGEDMEASUREMENTCONFIGURATION)

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16)

loggedMeasurementConfiguration-r16 LoggedMeasurementConfiguration-r16-IEs,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

traceReference-r16 TraceReference-r16,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

traceRecordingSessionRef-r16 OCTET STRING (SIZE (2)),

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

tce-Id-r16 OCTET STRING (SIZE (1)),

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

absoluteTimeInfo-r16 AbsoluteTimeInfo-r16,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

areaConfiguration-r16 AreaConfiguration-r16 OPTIONAL, --Need R

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

plmn-IdentityList-r16 PLMN-IdentityList2-r16 OPTIONAL, --Need R

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

bt-NameList-r16 SetupRelease {BT-NameList-r16} OPTIONAL, --Need M

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

wlan-NameList-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, --Need M

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

sensor-NameList-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL, --Need M

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

loggingDuration-r16 LoggingDuration-r16,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

reportType CHOICE {

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

periodical LoggedPeriodicalReportConfig-r16,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

eventTriggered LoggedEventTriggerConfig-r16,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

...

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

},

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (LoggedMeasurementConfiguration-r16-IEs)

nonCriticalExtension LoggedMeasurementConfiguration-v1700-IEs OPTIONAL

Name of the Sub\_IE: (LoggedMeasurementConfiguration-v1700-IEs)

sigLoggedMeasType-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (LoggedMeasurementConfiguration-v1700-IEs)

earlyMeasIndication-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (LoggedMeasurementConfiguration-v1700-IEs)

areaConfiguration-v1700 AreaConfiguration-v1700 OPTIONAL, --Need R

Name of the Sub\_IE: (LoggedMeasurementConfiguration-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (LoggedPeriodicalReportConfig-r16)

loggingInterval-r16 LoggingInterval-r16,

Name of the Sub\_IE: (LoggedPeriodicalReportConfig-r16)

...

Name of the Sub\_IE: (LoggedEventTriggerConfig-r16)

eventType-r16 EventType-r16,

Name of the Sub\_IE: (LoggedEventTriggerConfig-r16)

loggingInterval-r16 LoggingInterval-r16,

Name of the Sub\_IE: (LoggedEventTriggerConfig-r16)

...

Name of the Sub\_IE: (EventType-r16)

outOfCoverage NULL,

Name of the Sub\_IE: (EventType-r16)

eventL1 SEQUENCE {

Name of the Sub\_IE: (EventType-r16)

l1-Threshold MeasTriggerQuantity,

Name of the Sub\_IE: (EventType-r16)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventType-r16)

timeToTrigger TimeToTrigger

Name of the Sub\_IE: (EventType-r16)

},

Name of the Sub\_IE: (EventType-r16)

...

Name of the IE: (MBSBROADCASTCONFIGURATION)

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17)

mbsBroadcastConfiguration-r17 MBSBroadcastConfiguration-r17-IEs,

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

mbs-SessionInfoList-r17 MBS-SessionInfoList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

mbs-NeighbourCellList-r17 MBS-NeighbourCellList-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

drx-ConfigPTM-List-r17 SEQUENCE (SIZE (1..maxNrofDRX-ConfigPTM-r17)) OF DRX-ConfigPTM-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

pdsch-ConfigMTCH-r17 PDSCH-ConfigBroadcast-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

mtch-SSB-MappingWindowList-r17 MTCH-SSB-MappingWindowList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MBSBroadcastConfiguration-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (MBSINTERESTINDICATION)

Name of the Sub\_IE: (MBSInterestIndication-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MBSInterestIndication-r17)

mbsInterestIndication-r17 MBSInterestIndication-r17-IEs,

Name of the Sub\_IE: (MBSInterestIndication-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MBSInterestIndication-r17-IEs)

mbs-FreqList-r17 CarrierFreqListMBS-r17 OPTIONAL,

Name of the Sub\_IE: (MBSInterestIndication-r17-IEs)

mbs-Priority-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (MBSInterestIndication-r17-IEs)

mbs-ServiceList-r17 MBS-ServiceList-r17 OPTIONAL,

Name of the Sub\_IE: (MBSInterestIndication-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MBSInterestIndication-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (MCGFAILUREINFORMATION)

Name of the Sub\_IE: (MCGFailureInformation-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MCGFailureInformation-r16)

mcgFailureInformation-r16 MCGFailureInformation-r16-IEs,

Name of the Sub\_IE: (MCGFailureInformation-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MCGFailureInformation-r16-IEs)

failureReportMCG-r16 FailureReportMCG-r16 OPTIONAL,

Name of the Sub\_IE: (MCGFailureInformation-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MCGFailureInformation-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (FailureReportMCG-r16)

failureType-r16 ENUMERATED {t310-Expiry, randomAccessProblem, rlc-MaxNumRetx,

Name of the Sub\_IE: (FailureReportMCG-r16)

t312-Expiry-r16, lbt-Failure-r16, beamFailureRecoveryFailure-r16,

Name of the Sub\_IE: (FailureReportMCG-r16)

bh-RLF-r16, spare1} OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

measResultFreqList-r16 MeasResultList2NR OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

measResultFreqListEUTRA-r16 MeasResultList2EUTRA OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

measResultSCG-r16 OCTET STRING (CONTAINING MeasResultSCG-Failure) OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

measResultSCG-EUTRA-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

measResultFreqListUTRA-FDD-r16 MeasResultList2UTRA OPTIONAL,

Name of the Sub\_IE: (FailureReportMCG-r16)

...

Name of the Sub\_IE: (MeasResultList2UTRA)

MeasResultList2UTRA SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2UTRA-FDD-r16

Name of the Sub\_IE: (MeasResult2UTRA-FDD-r16)

carrierFreq-r16 ARFCN-ValueUTRA-FDD-r16,

Name of the Sub\_IE: (MeasResult2UTRA-FDD-r16)

measResultNeighCellList-r16 MeasResultListUTRA-FDD-r16

Name of the Sub\_IE: (MeasResultList2EUTRA)

MeasResultList2EUTRA SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2EUTRA-r16

Name of the IE: (MEASUREMENTREPORT)

Name of the Sub\_IE: (MeasurementReport)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MeasurementReport)

measurementReport MeasurementReport-IEs,

Name of the Sub\_IE: (MeasurementReport)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MeasurementReport-IEs)

measResults MeasResults,

Name of the Sub\_IE: (MeasurementReport-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MeasurementReport-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (MEASUREMENTREPORTAPPLAYER)

Name of the Sub\_IE: (MeasurementReportAppLayer-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MeasurementReportAppLayer-r17)

measurementReportAppLayer-r17 MeasurementReportAppLayer-r17-IEs,

Name of the Sub\_IE: (MeasurementReportAppLayer-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MeasurementReportAppLayer-r17-IEs)

measurementReportAppLayerList-r17 MeasurementReportAppLayerList-r17,

Name of the Sub\_IE: (MeasurementReportAppLayer-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MeasurementReportAppLayer-r17-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the Sub\_IE: (MeasurementReportAppLayerList-r17)

MeasurementReportAppLayerList-r17 SEQUENCE (SIZE (1..maxNrofAppLayerMeas-r17)) OF MeasReportAppLayer-r17

Name of the Sub\_IE: (MeasReportAppLayer-r17)

measConfigAppLayerId-r17 MeasConfigAppLayerId-r17,

Name of the Sub\_IE: (MeasReportAppLayer-r17)

measReportAppLayerContainer-r17 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MeasReportAppLayer-r17)

appLayerSessionStatus-r17 ENUMERATED {started, stopped} OPTIONAL,

Name of the Sub\_IE: (MeasReportAppLayer-r17)

ran-VisibleMeasurements-r17 RAN-VisibleMeasurements-r17 OPTIONAL

Name of the Sub\_IE: (RAN-VisibleMeasurements-r17)

appLayerBufferLevelList-r17 SEQUENCE (SIZE (1..8)) OF AppLayerBufferLevel-r17 OPTIONAL,

Name of the Sub\_IE: (RAN-VisibleMeasurements-r17)

playoutDelayForMediaStartup-r17 INTEGER (0..30000) OPTIONAL,

Name of the Sub\_IE: (RAN-VisibleMeasurements-r17)

pdu-SessionIdList-r17 SEQUENCE (SIZE (1..maxNrofPDU-Sessions-r17)) OF PDU-SessionID OPTIONAL,

Name of the Sub\_IE: (RAN-VisibleMeasurements-r17)

...

Name of the IE: (MIB)

Name of the Sub\_IE: (MIB)

systemFrameNumber BIT STRING (SIZE (6)),

Name of the Sub\_IE: (MIB)

subCarrierSpacingCommon ENUMERATED {scs15or60, scs30or120},

Name of the Sub\_IE: (MIB)

ssb-SubcarrierOffset INTEGER (0..15),

Name of the Sub\_IE: (MIB)

dmrs-TypeA-Position ENUMERATED {pos2, pos3},

Name of the Sub\_IE: (MIB)

pdcch-ConfigSIB1 PDCCH-ConfigSIB1,

Name of the Sub\_IE: (MIB)

cellBarred ENUMERATED {barred, notBarred},

Name of the Sub\_IE: (MIB)

intraFreqReselection ENUMERATED {allowed, notAllowed},

Name of the Sub\_IE: (MIB)

spare BIT STRING (SIZE (1))

Name of the IE: (MOBILITYFROMNRCOMMAND)

Name of the Sub\_IE: (MobilityFromNRCommand)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (MobilityFromNRCommand)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MobilityFromNRCommand)

mobilityFromNRCommand MobilityFromNRCommand-IEs,

Name of the Sub\_IE: (MobilityFromNRCommand)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MobilityFromNRCommand-IEs)

targetRAT-Type ENUMERATED { eutra, utra-fdd-v1610, spare2, spare1, ...},

Name of the Sub\_IE: (MobilityFromNRCommand-IEs)

targetRAT-MessageContainer OCTET STRING,

Name of the Sub\_IE: (MobilityFromNRCommand-IEs)

nas-SecurityParamFromNR OCTET STRING OPTIONAL, -- Cond HO-ToEPCUTRAN

Name of the Sub\_IE: (MobilityFromNRCommand-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MobilityFromNRCommand-IEs)

nonCriticalExtension MobilityFromNRCommand-v1610-IEs OPTIONAL

Name of the Sub\_IE: (MobilityFromNRCommand-v1610-IEs)

voiceFallbackIndication-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (MobilityFromNRCommand-v1610-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (PAGING)

Name of the Sub\_IE: (Paging)

pagingRecordList PagingRecordList OPTIONAL, -- Need N

Name of the Sub\_IE: (Paging)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (Paging)

nonCriticalExtension Paging-v1700-IEs OPTIONAL

Name of the Sub\_IE: (Paging-v1700-IEs)

pagingRecordList-v1700 PagingRecordList-v1700 OPTIONAL, -- Need N

Name of the Sub\_IE: (Paging-v1700-IEs)

pagingGroupList-r17 PagingGroupList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (Paging-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (PagingRecordList)

PagingRecordList SEQUENCE (SIZE(1..maxNrofPageRec)) OF PagingRecord

Name of the Sub\_IE: (PagingRecordList-v1700)

PagingRecordList-v1700 SEQUENCE (SIZE(1..maxNrofPageRec)) OF PagingRecord-v1700

Name of the Sub\_IE: (PagingGroupList-r17)

PagingGroupList-r17 SEQUENCE (SIZE(1..maxNrofPageGroup-r17)) OF TMGI-r17

Name of the Sub\_IE: (PagingRecord)

ue-Identity PagingUE-Identity,

Name of the Sub\_IE: (PagingRecord)

accessType ENUMERATED {non3GPP} OPTIONAL, -- Need N

Name of the Sub\_IE: (PagingRecord)

...

Name of the Sub\_IE: (PagingRecord-v1700)

pagingCause-r17 ENUMERATED {voice} OPTIONAL -- Need N

Name of the Sub\_IE: (PagingUE-Identity)

ng-5G-S-TMSI NG-5G-S-TMSI,

Name of the Sub\_IE: (PagingUE-Identity)

fullI-RNTI I-RNTI-Value,

Name of the Sub\_IE: (PagingUE-Identity)

...

Name of the IE: (RRCREESTABLISHMENT)

Name of the Sub\_IE: (RRCReestablishment)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReestablishment)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReestablishment)

rrcReestablishment RRCReestablishment-IEs,

Name of the Sub\_IE: (RRCReestablishment)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReestablishment-IEs)

nextHopChainingCount NextHopChainingCount,

Name of the Sub\_IE: (RRCReestablishment-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReestablishment-IEs)

nonCriticalExtension RRCReestablishment-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCReestablishment-v1700-IEs)

sl-L2RemoteUE-Config-r17 SetupRelease {SL-L2RemoteUE-Config-r17} OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (RRCReestablishment-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCREESTABLISHMENTCOMPLETE)

Name of the Sub\_IE: (RRCReestablishmentComplete)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReestablishmentComplete)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReestablishmentComplete)

rrcReestablishmentComplete RRCReestablishmentComplete-IEs,

Name of the Sub\_IE: (RRCReestablishmentComplete)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReestablishmentComplete-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReestablishmentComplete-IEs)

nonCriticalExtension RRCReestablishmentComplete-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCReestablishmentComplete-v1610-IEs)

ue-MeasurementsAvailable-r16 UE-MeasurementsAvailable-r16 OPTIONAL,

Name of the Sub\_IE: (RRCReestablishmentComplete-v1610-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCREESTABLISHMENTREQUEST)

Name of the Sub\_IE: (RRCReestablishmentRequest)

rrcReestablishmentRequest RRCReestablishmentRequest-IEs

Name of the Sub\_IE: (RRCReestablishmentRequest-IEs)

ue-Identity ReestabUE-Identity,

Name of the Sub\_IE: (RRCReestablishmentRequest-IEs)

reestablishmentCause ReestablishmentCause,

Name of the Sub\_IE: (RRCReestablishmentRequest-IEs)

spare BIT STRING (SIZE (1))

Name of the Sub\_IE: (ReestabUE-Identity)

c-RNTI RNTI-Value,

Name of the Sub\_IE: (ReestabUE-Identity)

physCellId PhysCellId,

Name of the Sub\_IE: (ReestabUE-Identity)

shortMAC-I ShortMAC-I

Name of the Sub\_IE: (ReestablishmentCause)

ReestablishmentCause ENUMERATED {reconfigurationFailure, handoverFailure, otherFailure, spare1}

Name of the IE: (RRCRECONFIGURATION)

Name of the Sub\_IE: (RRCReconfiguration)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReconfiguration)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReconfiguration)

rrcReconfiguration RRCReconfiguration-IEs,

Name of the Sub\_IE: (RRCReconfiguration)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReconfiguration-IEs)

radioBearerConfig RadioBearerConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-IEs)

secondaryCellGroup OCTET STRING (CONTAINING CellGroupConfig) OPTIONAL, -- Cond SCG

Name of the Sub\_IE: (RRCReconfiguration-IEs)

measConfig MeasConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReconfiguration-IEs)

nonCriticalExtension RRCReconfiguration-v1530-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

masterCellGroup OCTET STRING (CONTAINING CellGroupConfig) OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

fullConfig ENUMERATED {true} OPTIONAL, -- Cond FullConfig

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

dedicatedNAS-MessageList SEQUENCE (SIZE(1..maxDRB)) OF DedicatedNAS-Message OPTIONAL, -- Cond nonHO

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

masterKeyUpdate MasterKeyUpdate OPTIONAL, -- Cond MasterKeyChange

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

dedicatedSIB1-Delivery OCTET STRING (CONTAINING SIB1) OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

dedicatedSystemInformationDelivery OCTET STRING (CONTAINING SystemInformation) OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

otherConfig OtherConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1530-IEs)

nonCriticalExtension RRCReconfiguration-v1540-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfiguration-v1540-IEs)

otherConfig-v1540 OtherConfig-v1540 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1540-IEs)

nonCriticalExtension RRCReconfiguration-v1560-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfiguration-v1560-IEs)

mrdc-SecondaryCellGroupConfig SetupRelease { MRDC-SecondaryCellGroupConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1560-IEs)

radioBearerConfig2 OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1560-IEs)

sk-Counter SK-Counter OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1560-IEs)

nonCriticalExtension RRCReconfiguration-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

otherConfig-v1610 OtherConfig-v1610 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

bap-Config-r16 SetupRelease { BAP-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

iab-IP-AddressConfigurationList-r16 IAB-IP-AddressConfigurationList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

conditionalReconfiguration-r16 ConditionalReconfiguration-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

daps-SourceRelease-r16 ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

t316-r16 SetupRelease {T316-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

needForGapsConfigNR-r16 SetupRelease {NeedForGapsConfigNR-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

onDemandSIB-Request-r16 SetupRelease { OnDemandSIB-Request-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

dedicatedPosSysInfoDelivery-r16 OCTET STRING (CONTAINING PosSystemInformation-r16-IEs) OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

sl-ConfigDedicatedNR-r16 SetupRelease {SL-ConfigDedicatedNR-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

sl-ConfigDedicatedEUTRA-Info-r16 SetupRelease {SL-ConfigDedicatedEUTRA-Info-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

targetCellSMTC-SCG-r16 SSB-MTC OPTIONAL, -- Need S

Name of the Sub\_IE: (RRCReconfiguration-v1610-IEs)

nonCriticalExtension RRCReconfiguration-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

otherConfig-v1700 OtherConfig-v1700 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

sl-L2RelayUE-Config-r17 SetupRelease { SL-L2RelayUE-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

sl-L2RemoteUE-Config-r17 SetupRelease { SL-L2RemoteUE-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

dedicatedPagingDelivery-r17 OCTET STRING (CONTAINING Paging) OPTIONAL, -- Cond PagingRelay

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

needForGapNCSG-ConfigNR-r17 SetupRelease {NeedForGapNCSG-ConfigNR-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

needForGapNCSG-ConfigEUTRA-r17 SetupRelease {NeedForGapNCSG-ConfigEUTRA-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

musim-GapConfig-r17 SetupRelease {MUSIM-GapConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

ul-GapFR2-Config-r17 SetupRelease { UL-GapFR2-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

scg-State-r17 ENUMERATED { deactivated } OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

appLayerMeasConfig-r17 AppLayerMeasConfig-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

ue-TxTEG-RequestUL-TDOA-Config-r17 SetupRelease {UE-TxTEG-RequestUL-TDOA-Config-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfiguration-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (MRDC-SecondaryCellGroupConfig)

mrdc-ReleaseAndAdd ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (MRDC-SecondaryCellGroupConfig)

mrdc-SecondaryCellGroup CHOICE {

Name of the Sub\_IE: (MRDC-SecondaryCellGroupConfig)

nr-SCG OCTET STRING (CONTAINING RRCReconfiguration),

Name of the Sub\_IE: (MRDC-SecondaryCellGroupConfig)

eutra-SCG OCTET STRING

Name of the Sub\_IE: (BAP-Config-r16)

bap-Address-r16 BIT STRING (SIZE (10)) OPTIONAL, -- Need M

Name of the Sub\_IE: (BAP-Config-r16)

defaultUL-BAP-RoutingID-r16 BAP-RoutingID-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (BAP-Config-r16)

defaultUL-BH-RLC-Channel-r16 BH-RLC-ChannelID-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (BAP-Config-r16)

flowControlFeedbackType-r16 ENUMERATED {perBH-RLC-Channel, perRoutingID, both} OPTIONAL, -- Need R

Name of the Sub\_IE: (BAP-Config-r16)

...

Name of the Sub\_IE: (MasterKeyUpdate)

keySetChangeIndicator BOOLEAN,

Name of the Sub\_IE: (MasterKeyUpdate)

nextHopChainingCount NextHopChainingCount,

Name of the Sub\_IE: (MasterKeyUpdate)

nas-Container OCTET STRING OPTIONAL, -- Cond securityNASC

Name of the Sub\_IE: (MasterKeyUpdate)

...

Name of the Sub\_IE: (OnDemandSIB-Request-r16)

onDemandSIB-RequestProhibitTimer-r16 ENUMERATED {s0, s0dot5, s1, s2, s5, s10, s20, s30}

Name of the Sub\_IE: (T316-r16)

T316-r16 ENUMERATED {ms50, ms100, ms200, ms300, ms400, ms500, ms600, ms1000, ms1500, ms2000}

Name of the Sub\_IE: (IAB-IP-AddressConfigurationList-r16)

iab-IP-AddressToAddModList-r16 SEQUENCE (SIZE(1..maxIAB-IP-Address-r16)) OF IAB-IP-AddressConfiguration-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (IAB-IP-AddressConfigurationList-r16)

iab-IP-AddressToReleaseList-r16 SEQUENCE (SIZE(1..maxIAB-IP-Address-r16)) OF IAB-IP-AddressIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (IAB-IP-AddressConfigurationList-r16)

...

Name of the Sub\_IE: (IAB-IP-AddressConfiguration-r16)

iab-IP-AddressIndex-r16 IAB-IP-AddressIndex-r16,

Name of the Sub\_IE: (IAB-IP-AddressConfiguration-r16)

iab-IP-Address-r16 IAB-IP-Address-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-IP-AddressConfiguration-r16)

iab-IP-Usage-r16 IAB-IP-Usage-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-IP-AddressConfiguration-r16)

iab-donor-DU-BAP-Address-r16 BIT STRING (SIZE(10)) OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-IP-AddressConfiguration-r16)

...

Name of the Sub\_IE: (SL-ConfigDedicatedEUTRA-Info-r16)

sl-ConfigDedicatedEUTRA-r16 OCTET STRING OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfigDedicatedEUTRA-Info-r16)

sl-TimeOffsetEUTRA-List-r16 SEQUENCE (SIZE (8)) OF SL-TimeOffsetEUTRA-r16 OPTIONAL -- Need M

Name of the Sub\_IE: (SL-TimeOffsetEUTRA-r16)

SL-TimeOffsetEUTRA-r16 ENUMERATED {ms0, ms0dot25, ms0dot5, ms0dot625, ms0dot75, ms1, ms1dot25, ms1dot5, ms1dot75,

Name of the Sub\_IE: (SL-TimeOffsetEUTRA-r16)

ms2, ms2dot5, ms3, ms4, ms5, ms6, ms8, ms10, ms20}

Name of the Sub\_IE: (UE-TxTEG-RequestUL-TDOA-Config-r17)

oneShot-r17 NULL,

Name of the Sub\_IE: (UE-TxTEG-RequestUL-TDOA-Config-r17)

periodicReporting-r17 ENUMERATED { ms160, ms320, ms1280, ms2560, ms61440, ms81920, ms368640, ms737280 }

Name of the IE: (RRCRECONFIGURATIONCOMPLETE)

Name of the Sub\_IE: (RRCReconfigurationComplete)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReconfigurationComplete)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReconfigurationComplete)

rrcReconfigurationComplete RRCReconfigurationComplete-IEs,

Name of the Sub\_IE: (RRCReconfigurationComplete)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReconfigurationComplete-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1530-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1530-IEs)

uplinkTxDirectCurrentList UplinkTxDirectCurrentList OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1530-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1560-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1560-IEs)

scg-Response CHOICE {

Name of the Sub\_IE: (RRCReconfigurationComplete-v1560-IEs)

nr-SCG-Response OCTET STRING (CONTAINING RRCReconfigurationComplete),

Name of the Sub\_IE: (RRCReconfigurationComplete-v1560-IEs)

eutra-SCG-Response OCTET STRING

Name of the Sub\_IE: (RRCReconfigurationComplete-v1560-IEs)

} OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1560-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1610-IEs)

ue-MeasurementsAvailable-r16 UE-MeasurementsAvailable-r16 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1610-IEs)

needForGapsInfoNR-r16 NeedForGapsInfoNR-r16 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1610-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1640-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1640-IEs)

uplinkTxDirectCurrentTwoCarrierList-r16 UplinkTxDirectCurrentTwoCarrierList-r16 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1640-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1700-IEs)

needForGapNCSG-InfoNR-r17 NeedForGapNCSG-InfoNR-r17 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1700-IEs)

needForGapNCSG-InfoEUTRA-r17 NeedForGapNCSG-InfoEUTRA-r17 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1700-IEs)

selectedCondRRCReconfig-r17 CondReconfigId-r16 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1700-IEs)

nonCriticalExtension RRCReconfigurationComplete-v1720-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationComplete-v1720-IEs)

uplinkTxDirectCurrentMoreCarrierList-r17 UplinkTxDirectCurrentMoreCarrierList-r17 OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationComplete-v1720-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCREJECT)

Name of the Sub\_IE: (RRCReject)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReject)

rrcReject RRCReject-IEs,

Name of the Sub\_IE: (RRCReject)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReject-IEs)

waitTime RejectWaitTime OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReject-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReject-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (RRCRELEASE)

Name of the Sub\_IE: (RRCRelease)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCRelease)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCRelease)

rrcRelease RRCRelease-IEs,

Name of the Sub\_IE: (RRCRelease)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCRelease-IEs)

redirectedCarrierInfo RedirectedCarrierInfo OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCRelease-IEs)

cellReselectionPriorities CellReselectionPriorities OPTIONAL, -- Need R

Name of the Sub\_IE: (RRCRelease-IEs)

suspendConfig SuspendConfig OPTIONAL, -- Need R

Name of the Sub\_IE: (RRCRelease-IEs)

deprioritisationReq SEQUENCE {

Name of the Sub\_IE: (RRCRelease-IEs)

deprioritisationType ENUMERATED {frequency, nr},

Name of the Sub\_IE: (RRCRelease-IEs)

deprioritisationTimer ENUMERATED {min5, min10, min15, min30}

Name of the Sub\_IE: (RRCRelease-IEs)

} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCRelease-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCRelease-IEs)

nonCriticalExtension RRCRelease-v1540-IEs OPTIONAL

Name of the Sub\_IE: (RRCRelease-v1540-IEs)

waitTime RejectWaitTime OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCRelease-v1540-IEs)

nonCriticalExtension RRCRelease-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCRelease-v1610-IEs)

voiceFallbackIndication-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCRelease-v1610-IEs)

measIdleConfig-r16 SetupRelease {MeasIdleConfigDedicated-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCRelease-v1610-IEs)

nonCriticalExtension RRCRelease-v1650-IEs OPTIONAL

Name of the Sub\_IE: (RRCRelease-v1650-IEs)

mpsPriorityIndication-r16 ENUMERATED {true} OPTIONAL, -- Cond Redirection2

Name of the Sub\_IE: (RRCRelease-v1650-IEs)

nonCriticalExtension RRCRelease-v1710-IEs OPTIONAL

Name of the Sub\_IE: (RRCRelease-v1710-IEs)

noLastCellUpdate-r17 ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (RRCRelease-v1710-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (RedirectedCarrierInfo)

nr CarrierInfoNR,

Name of the Sub\_IE: (RedirectedCarrierInfo)

eutra RedirectedCarrierInfo-EUTRA,

Name of the Sub\_IE: (RedirectedCarrierInfo)

...

Name of the Sub\_IE: (RedirectedCarrierInfo-EUTRA)

eutraFrequency ARFCN-ValueEUTRA,

Name of the Sub\_IE: (RedirectedCarrierInfo-EUTRA)

cnType ENUMERATED {epc,fiveGC} OPTIONAL -- Need N

Name of the Sub\_IE: (CarrierInfoNR)

carrierFreq ARFCN-ValueNR,

Name of the Sub\_IE: (CarrierInfoNR)

ssbSubcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (CarrierInfoNR)

smtc SSB-MTC OPTIONAL, -- Need S

Name of the Sub\_IE: (CarrierInfoNR)

...

Name of the Sub\_IE: (SuspendConfig)

fullI-RNTI I-RNTI-Value,

Name of the Sub\_IE: (SuspendConfig)

shortI-RNTI ShortI-RNTI-Value,

Name of the Sub\_IE: (SuspendConfig)

ran-PagingCycle PagingCycle,

Name of the Sub\_IE: (SuspendConfig)

ran-NotificationAreaInfo RAN-NotificationAreaInfo OPTIONAL, -- Need M

Name of the Sub\_IE: (SuspendConfig)

t380 PeriodicRNAU-TimerValue OPTIONAL, -- Need R

Name of the Sub\_IE: (SuspendConfig)

nextHopChainingCount NextHopChainingCount,

Name of the Sub\_IE: (SuspendConfig)

...,

Name of the Sub\_IE: (SuspendConfig)

[[

Name of the Sub\_IE: (SuspendConfig)

sl-UEIdentityRemote-r17 RNTI-Value OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (SuspendConfig)

sdt-Config-r17 SetupRelease { SDT-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SuspendConfig)

srs-PosRRC-Inactive-r17 SetupRelease { SRS-PosRRC-Inactive-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SuspendConfig)

ran-ExtendedPagingCycle-r17 ExtendedPagingCycle-r17 OPTIONAL -- Cond RANPaging

Name of the Sub\_IE: (SuspendConfig)

]],

Name of the Sub\_IE: (SuspendConfig)

[[

Name of the Sub\_IE: (SuspendConfig)

ncd-SSB-RedCapInitialBWP-SDT-r17 SetupRelease {NonCellDefiningSSB-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (SuspendConfig)

]]

Name of the Sub\_IE: (PeriodicRNAU-TimerValue)

PeriodicRNAU-TimerValue ENUMERATED { min5, min10, min20, min30, min60, min120, min360, min720}

Name of the Sub\_IE: (CellReselectionPriorities)

freqPriorityListEUTRA FreqPriorityListEUTRA OPTIONAL, -- Need M

Name of the Sub\_IE: (CellReselectionPriorities)

freqPriorityListNR FreqPriorityListNR OPTIONAL, -- Need M

Name of the Sub\_IE: (CellReselectionPriorities)

t320 ENUMERATED {min5, min10, min20, min30, min60, min120, min180, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (CellReselectionPriorities)

...,

Name of the Sub\_IE: (CellReselectionPriorities)

[[

Name of the Sub\_IE: (CellReselectionPriorities)

freqPriorityListDedicatedSlicing-r17 FreqPriorityListDedicatedSlicing-r17 OPTIONAL -- Need M

Name of the Sub\_IE: (CellReselectionPriorities)

]]

Name of the Sub\_IE: (PagingCycle)

PagingCycle ENUMERATED {rf32, rf64, rf128, rf256}

Name of the Sub\_IE: (ExtendedPagingCycle-r17)

ExtendedPagingCycle-r17 ENUMERATED {rf256, rf512, rf1024, spare1}

Name of the Sub\_IE: (FreqPriorityListEUTRA)

FreqPriorityListEUTRA SEQUENCE (SIZE (1..maxFreq)) OF FreqPriorityEUTRA

Name of the Sub\_IE: (FreqPriorityListNR)

FreqPriorityListNR SEQUENCE (SIZE (1..maxFreq)) OF FreqPriorityNR

Name of the Sub\_IE: (FreqPriorityEUTRA)

carrierFreq ARFCN-ValueEUTRA,

Name of the Sub\_IE: (FreqPriorityEUTRA)

cellReselectionPriority CellReselectionPriority,

Name of the Sub\_IE: (FreqPriorityEUTRA)

cellReselectionSubPriority CellReselectionSubPriority OPTIONAL -- Need R

Name of the Sub\_IE: (FreqPriorityNR)

carrierFreq ARFCN-ValueNR,

Name of the Sub\_IE: (FreqPriorityNR)

cellReselectionPriority CellReselectionPriority,

Name of the Sub\_IE: (FreqPriorityNR)

cellReselectionSubPriority CellReselectionSubPriority OPTIONAL -- Need R

Name of the Sub\_IE: (RAN-NotificationAreaInfo)

cellList PLMN-RAN-AreaCellList,

Name of the Sub\_IE: (RAN-NotificationAreaInfo)

ran-AreaConfigList PLMN-RAN-AreaConfigList,

Name of the Sub\_IE: (RAN-NotificationAreaInfo)

...

Name of the Sub\_IE: (PLMN-RAN-AreaCellList)

PLMN-RAN-AreaCellList SEQUENCE (SIZE (1.. maxPLMNIdentities)) OF PLMN-RAN-AreaCell

Name of the Sub\_IE: (PLMN-RAN-AreaCell)

plmn-Identity PLMN-Identity OPTIONAL, -- Need S

Name of the Sub\_IE: (PLMN-RAN-AreaCell)

ran-AreaCells SEQUENCE (SIZE (1..32)) OF CellIdentity

Name of the Sub\_IE: (PLMN-RAN-AreaConfigList)

PLMN-RAN-AreaConfigList SEQUENCE (SIZE (1..maxPLMNIdentities)) OF PLMN-RAN-AreaConfig

Name of the Sub\_IE: (PLMN-RAN-AreaConfig)

plmn-Identity PLMN-Identity OPTIONAL, -- Need S

Name of the Sub\_IE: (PLMN-RAN-AreaConfig)

ran-Area SEQUENCE (SIZE (1..16)) OF RAN-AreaConfig

Name of the Sub\_IE: (RAN-AreaConfig)

trackingAreaCode TrackingAreaCode,

Name of the Sub\_IE: (RAN-AreaConfig)

ran-AreaCodeList SEQUENCE (SIZE (1..32)) OF RAN-AreaCode OPTIONAL -- Need R

Name of the Sub\_IE: (SDT-Config-r17)

sdt-DRB-List-r17 SEQUENCE (SIZE (0..maxDRB)) OF DRB-Identity OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-Config-r17)

sdt-SRB2-Indication-r17 ENUMERATED {allowed} OPTIONAL, -- Need R

Name of the Sub\_IE: (SDT-Config-r17)

sdt-MAC-PHY-CG-Config-r17 SetupRelease {SDT-CG-Config-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-Config-r17)

sdt-DRB-ContinueROHC-r17 ENUMERATED { cell, rna } OPTIONAL -- Need S

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

-- CG-SDT specific configuration

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-ConfigLCH-RestrictionToAddModList-r17 SEQUENCE (SIZE(1..maxLC-ID)) OF CG-SDT-ConfigLCH-Restriction-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-ConfigLCH-RestrictionToReleaseList-r17 SEQUENCE (SIZE(1..maxLC-ID)) OF LogicalChannelIdentity OPTIONAL, -- Need N

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-ConfigInitialBWP-NUL-r17 SetupRelease {BWP-UplinkDedicatedSDT-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-ConfigInitialBWP-SUL-r17 SetupRelease {BWP-UplinkDedicatedSDT-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-ConfigInitialBWP-DL-r17 BWP-DownlinkDedicatedSDT-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-TimeAlignmentTimer-r17 TimeAlignmentTimer OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-RSRP-ThresholdSSB-r17 RSRP-Range OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-TA-ValidationConfig-r17 SetupRelease { CG-SDT-TA-ValidationConfig-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

cg-SDT-CS-RNTI-r17 RNTI-Value OPTIONAL, -- Need M

Name of the Sub\_IE: (SDT-MAC-PHY-CG-Config-r17)

...

Name of the Sub\_IE: (CG-SDT-TA-ValidationConfig-r17)

cg-SDT-RSRP-ChangeThreshold-r17 ENUMERATED { dB2, dB4, dB6, dB8, dB10, dB14, dB18, dB22,

Name of the Sub\_IE: (CG-SDT-TA-ValidationConfig-r17)

dB26, dB30, dB34, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (BWP-DownlinkDedicatedSDT-r17)

pdcch-Config-r17 SetupRelease { PDCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicatedSDT-r17)

pdsch-Config-r17 SetupRelease { PDSCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicatedSDT-r17)

...

Name of the Sub\_IE: (BWP-UplinkDedicatedSDT-r17)

pusch-Config-r17 SetupRelease { PUSCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicatedSDT-r17)

configuredGrantConfigToAddModList-r17 ConfiguredGrantConfigToAddModList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicatedSDT-r17)

configuredGrantConfigToReleaseList-r17 ConfiguredGrantConfigToReleaseList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicatedSDT-r17)

...

Name of the Sub\_IE: (CG-SDT-ConfigLCH-Restriction-r17)

logicalChannelIdentity-r17 LogicalChannelIdentity,

Name of the Sub\_IE: (CG-SDT-ConfigLCH-Restriction-r17)

configuredGrantType1Allowed-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (CG-SDT-ConfigLCH-Restriction-r17)

allowedCG-List-r17 SEQUENCE (SIZE (0.. maxNrofConfiguredGrantConfigMAC-1-r16)) OF ConfiguredGrantConfigIndexMAC-r16

Name of the Sub\_IE: (CG-SDT-ConfigLCH-Restriction-r17)

OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

srs-PosConfigNUL-r17 SRS-PosConfig-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

srs-PosConfigSUL-r17 SRS-PosConfig-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

bwp-NUL-r17 BWP OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

bwp-SUL-r17 BWP OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

inactivePosSRS-TimeAlignmentTimer-r17 TimeAlignmentTimer OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-PosRRC-InactiveConfig-r17)

inactivePosSRS-RSRP-ChangeThreshold-r17 RSRP-ChangeThreshold-r17 OPTIONAL -- Need M

Name of the Sub\_IE: (RSRP-ChangeThreshold-r17)

RSRP-ChangeThreshold-r17 ENUMERATED {dB4, dB6, dB8, dB10, dB14, dB18, dB22, dB26, dB30, dB34, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SRS-PosConfig-r17)

srs-PosResourceSetToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofSRS-PosResourceSets-r16)) OF SRS-PosResourceSetId-r16 OPTIONAL,-- Need N

Name of the Sub\_IE: (SRS-PosConfig-r17)

srs-PosResourceSetToAddModList-r17 SEQUENCE (SIZE(1..maxNrofSRS-PosResourceSets-r16)) OF SRS-PosResourceSet-r16 OPTIONAL,-- Need N

Name of the Sub\_IE: (SRS-PosConfig-r17)

srs-PosResourceToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofSRS-PosResources-r16)) OF SRS-PosResourceId-r16 OPTIONAL,-- Need N

Name of the Sub\_IE: (SRS-PosConfig-r17)

srs-PosResourceToAddModList-r17 SEQUENCE (SIZE(1..maxNrofSRS-PosResources-r16)) OF SRS-PosResource-r16 OPTIONAL -- Need N

Name of the IE: (RRCRESUME)

Name of the Sub\_IE: (RRCResume)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCResume)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCResume)

rrcResume RRCResume-IEs,

Name of the Sub\_IE: (RRCResume)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCResume-IEs)

radioBearerConfig RadioBearerConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-IEs)

masterCellGroup OCTET STRING (CONTAINING CellGroupConfig) OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-IEs)

measConfig MeasConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-IEs)

fullConfig ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCResume-IEs)

nonCriticalExtension RRCResume-v1560-IEs OPTIONAL

Name of the Sub\_IE: (RRCResume-v1560-IEs)

radioBearerConfig2 OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-v1560-IEs)

sk-Counter SK-Counter OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-v1560-IEs)

nonCriticalExtension RRCResume-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCResume-v1610-IEs)

idleModeMeasurementReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-v1610-IEs)

restoreMCG-SCells-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-v1610-IEs)

restoreSCG-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-v1610-IEs)

mrdc-SecondaryCellGroup-r16 CHOICE {

Name of the Sub\_IE: (RRCResume-v1610-IEs)

nr-SCG-r16 OCTET STRING (CONTAINING RRCReconfiguration),

Name of the Sub\_IE: (RRCResume-v1610-IEs)

eutra-SCG-r16 OCTET STRING

Name of the Sub\_IE: (RRCResume-v1610-IEs)

} OPTIONAL, -- Cond RestoreSCG

Name of the Sub\_IE: (RRCResume-v1610-IEs)

needForGapsConfigNR-r16 SetupRelease {NeedForGapsConfigNR-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-v1610-IEs)

nonCriticalExtension RRCResume-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCResume-v1700-IEs)

sl-ConfigDedicatedNR-r17 SetupRelease {SL-ConfigDedicatedNR-r16} OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (RRCResume-v1700-IEs)

sl-L2RemoteUE-Config-r17 SetupRelease {SL-L2RemoteUE-Config-r17} OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (RRCResume-v1700-IEs)

needForGapNCSG-ConfigNR-r17 SetupRelease {NeedForGapNCSG-ConfigNR-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-v1700-IEs)

needForGapNCSG-ConfigEUTRA-r17 SetupRelease {NeedForGapNCSG-ConfigEUTRA-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-v1700-IEs)

scg-State-r17 ENUMERATED {deactivated} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCResume-v1700-IEs)

appLayerMeasConfig-r17 AppLayerMeasConfig-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCResume-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCRESUMECOMPLETE)

Name of the Sub\_IE: (RRCResumeComplete)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCResumeComplete)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCResumeComplete)

rrcResumeComplete RRCResumeComplete-IEs,

Name of the Sub\_IE: (RRCResumeComplete)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCResumeComplete-IEs)

dedicatedNAS-Message DedicatedNAS-Message OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-IEs)

selectedPLMN-Identity INTEGER (1..maxPLMN) OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-IEs)

uplinkTxDirectCurrentList UplinkTxDirectCurrentList OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-IEs)

nonCriticalExtension RRCResumeComplete-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

idleMeasAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

measResultIdleEUTRA-r16 MeasResultIdleEUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

measResultIdleNR-r16 MeasResultIdleNR-r16 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

scg-Response-r16 CHOICE {

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

nr-SCG-Response OCTET STRING (CONTAINING RRCReconfigurationComplete),

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

eutra-SCG-Response OCTET STRING

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

} OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

ue-MeasurementsAvailable-r16 UE-MeasurementsAvailable-r16 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

mobilityHistoryAvail-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

mobilityState-r16 ENUMERATED {normal, medium, high, spare} OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

needForGapsInfoNR-r16 NeedForGapsInfoNR-r16 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1610-IEs)

nonCriticalExtension RRCResumeComplete-v1640-IEs OPTIONAL

Name of the Sub\_IE: (RRCResumeComplete-v1640-IEs)

uplinkTxDirectCurrentTwoCarrierList-r16 UplinkTxDirectCurrentTwoCarrierList-r16 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1640-IEs)

nonCriticalExtension RRCResumeComplete-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCResumeComplete-v1700-IEs)

needForGapNCSG-InfoNR-r17 NeedForGapNCSG-InfoNR-r17 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1700-IEs)

needForGapNCSG-InfoEUTRA-r17 NeedForGapNCSG-InfoEUTRA-r17 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1700-IEs)

nonCriticalExtension RRCResumeComplete-v1720-IEs OPTIONAL

Name of the Sub\_IE: (RRCResumeComplete-v1720-IEs)

uplinkTxDirectCurrentMoreCarrierList-r17 UplinkTxDirectCurrentMoreCarrierList-r17 OPTIONAL,

Name of the Sub\_IE: (RRCResumeComplete-v1720-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCRESUMEREQUEST)

Name of the Sub\_IE: (RRCResumeRequest)

rrcResumeRequest RRCResumeRequest-IEs

Name of the Sub\_IE: (RRCResumeRequest-IEs)

resumeIdentity ShortI-RNTI-Value,

Name of the Sub\_IE: (RRCResumeRequest-IEs)

resumeMAC-I BIT STRING (SIZE (16)),

Name of the Sub\_IE: (RRCResumeRequest-IEs)

resumeCause ResumeCause,

Name of the Sub\_IE: (RRCResumeRequest-IEs)

spare BIT STRING (SIZE (1))

Name of the IE: (RRCRESUMEREQUEST1)

Name of the Sub\_IE: (RRCResumeRequest1)

rrcResumeRequest1 RRCResumeRequest1-IEs

Name of the Sub\_IE: (RRCResumeRequest1-IEs)

resumeIdentity I-RNTI-Value,

Name of the Sub\_IE: (RRCResumeRequest1-IEs)

resumeMAC-I BIT STRING (SIZE (16)),

Name of the Sub\_IE: (RRCResumeRequest1-IEs)

resumeCause ResumeCause,

Name of the Sub\_IE: (RRCResumeRequest1-IEs)

spare BIT STRING (SIZE (1))

Name of the IE: (RRCSETUP)

Name of the Sub\_IE: (RRCSetup)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCSetup)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCSetup)

rrcSetup RRCSetup-IEs,

Name of the Sub\_IE: (RRCSetup)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCSetup-IEs)

radioBearerConfig RadioBearerConfig,

Name of the Sub\_IE: (RRCSetup-IEs)

masterCellGroup OCTET STRING (CONTAINING CellGroupConfig),

Name of the Sub\_IE: (RRCSetup-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCSetup-IEs)

nonCriticalExtension RRCSetup-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCSetup-v1700-IEs)

sl-ConfigDedicatedNR-r17 SL-ConfigDedicatedNR-r16 OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (RRCSetup-v1700-IEs)

sl-L2RemoteUE-Config-r17 SL-L2RemoteUE-Config-r17 OPTIONAL, -- Cond L2RemoteUE

Name of the Sub\_IE: (RRCSetup-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCSETUPCOMPLETE)

Name of the Sub\_IE: (RRCSetupComplete)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCSetupComplete)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCSetupComplete)

rrcSetupComplete RRCSetupComplete-IEs,

Name of the Sub\_IE: (RRCSetupComplete)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCSetupComplete-IEs)

selectedPLMN-Identity INTEGER (1..maxPLMN),

Name of the Sub\_IE: (RRCSetupComplete-IEs)

registeredAMF RegisteredAMF OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

guami-Type ENUMERATED {native, mapped} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

s-NSSAI-List SEQUENCE (SIZE (1..maxNrofS-NSSAI)) OF S-NSSAI OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

dedicatedNAS-Message DedicatedNAS-Message,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

ng-5G-S-TMSI-Value CHOICE {

Name of the Sub\_IE: (RRCSetupComplete-IEs)

ng-5G-S-TMSI NG-5G-S-TMSI,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

ng-5G-S-TMSI-Part2 BIT STRING (SIZE (9))

Name of the Sub\_IE: (RRCSetupComplete-IEs)

} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-IEs)

nonCriticalExtension RRCSetupComplete-v1610-IEs OPTIONAL

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

iab-NodeIndication-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

idleMeasAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

ue-MeasurementsAvailable-r16 UE-MeasurementsAvailable-r16 OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

mobilityHistoryAvail-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

mobilityState-r16 ENUMERATED {normal, medium, high, spare} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1610-IEs)

nonCriticalExtension RRCSetupComplete-v1690-IEs OPTIONAL

Name of the Sub\_IE: (RRCSetupComplete-v1690-IEs)

ul-RRC-Segmentation-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1690-IEs)

nonCriticalExtension RRCSetupComplete-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCSetupComplete-v1700-IEs)

onboardingRequest-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCSetupComplete-v1700-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the Sub\_IE: (RegisteredAMF)

plmn-Identity PLMN-Identity OPTIONAL,

Name of the Sub\_IE: (RegisteredAMF)

amf-Identifier AMF-Identifier

Name of the IE: (RRCSETUPREQUEST)

Name of the Sub\_IE: (RRCSetupRequest)

rrcSetupRequest RRCSetupRequest-IEs

Name of the Sub\_IE: (RRCSetupRequest-IEs)

ue-Identity InitialUE-Identity,

Name of the Sub\_IE: (RRCSetupRequest-IEs)

establishmentCause EstablishmentCause,

Name of the Sub\_IE: (RRCSetupRequest-IEs)

spare BIT STRING (SIZE (1))

Name of the Sub\_IE: (InitialUE-Identity)

ng-5G-S-TMSI-Part1 BIT STRING (SIZE (39)),

Name of the Sub\_IE: (InitialUE-Identity)

randomValue BIT STRING (SIZE (39))

Name of the Sub\_IE: (EstablishmentCause)

emergency, highPriorityAccess, mt-Access, mo-Signalling,

Name of the Sub\_IE: (EstablishmentCause)

mo-Data, mo-VoiceCall, mo-VideoCall, mo-SMS, mps-PriorityAccess, mcs-PriorityAccess,

Name of the Sub\_IE: (EstablishmentCause)

spare6, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (RRCSYSTEMINFOREQUEST)

Name of the Sub\_IE: (RRCSystemInfoRequest)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCSystemInfoRequest)

rrcSystemInfoRequest RRCSystemInfoRequest-IEs,

Name of the Sub\_IE: (RRCSystemInfoRequest)

criticalExtensionsFuture-r16 CHOICE {

Name of the Sub\_IE: (RRCSystemInfoRequest)

rrcPosSystemInfoRequest-r16 RRC-PosSystemInfoRequest-r16-IEs,

Name of the Sub\_IE: (RRCSystemInfoRequest)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCSystemInfoRequest-IEs)

requested-SI-List BIT STRING (SIZE (maxSI-Message)), --32bits

Name of the Sub\_IE: (RRCSystemInfoRequest-IEs)

spare BIT STRING (SIZE (12))

Name of the Sub\_IE: (RRC-PosSystemInfoRequest-r16-IEs)

requestedPosSI-List BIT STRING (SIZE (maxSI-Message)), --32bits

Name of the Sub\_IE: (RRC-PosSystemInfoRequest-r16-IEs)

spare BIT STRING (SIZE (11))

Name of the IE: (SCGFAILUREINFORMATION)

Name of the Sub\_IE: (SCGFailureInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SCGFailureInformation)

scgFailureInformation SCGFailureInformation-IEs,

Name of the Sub\_IE: (SCGFailureInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SCGFailureInformation-IEs)

failureReportSCG FailureReportSCG OPTIONAL,

Name of the Sub\_IE: (SCGFailureInformation-IEs)

nonCriticalExtension SCGFailureInformation-v1590-IEs OPTIONAL

Name of the Sub\_IE: (SCGFailureInformation-v1590-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SCGFailureInformation-v1590-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (FailureReportSCG)

failureType ENUMERATED {

Name of the Sub\_IE: (FailureReportSCG)

t310-Expiry, randomAccessProblem,

Name of the Sub\_IE: (FailureReportSCG)

rlc-MaxNumRetx,

Name of the Sub\_IE: (FailureReportSCG)

synchReconfigFailureSCG, scg-ReconfigFailure,

Name of the Sub\_IE: (FailureReportSCG)

srb3-IntegrityFailure, other-r16, spare1},

Name of the Sub\_IE: (FailureReportSCG)

measResultFreqList MeasResultFreqList OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

measResultSCG-Failure OCTET STRING (CONTAINING MeasResultSCG-Failure) OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

...,

Name of the Sub\_IE: (FailureReportSCG)

[[

Name of the Sub\_IE: (FailureReportSCG)

locationInfo-r16 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

failureType-v1610 ENUMERATED {scg-lbtFailure-r16, beamFailureRecoveryFailure-r16,

Name of the Sub\_IE: (FailureReportSCG)

t312-Expiry-r16, bh-RLF-r16, beamFailure-r17, spare3, spare2, spare1} OPTIONAL

Name of the Sub\_IE: (FailureReportSCG)

]],

Name of the Sub\_IE: (FailureReportSCG)

[[

Name of the Sub\_IE: (FailureReportSCG)

previousPSCellId-r17 SEQUENCE {

Name of the Sub\_IE: (FailureReportSCG)

physCellId-r17 PhysCellId,

Name of the Sub\_IE: (FailureReportSCG)

carrierFreq-r17 ARFCN-ValueNR

Name of the Sub\_IE: (FailureReportSCG)

} OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

failedPSCellId-r17 SEQUENCE {

Name of the Sub\_IE: (FailureReportSCG)

physCellId-r17 PhysCellId,

Name of the Sub\_IE: (FailureReportSCG)

carrierFreq-r17 ARFCN-ValueNR

Name of the Sub\_IE: (FailureReportSCG)

} OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

timeSCGFailure-r17 INTEGER (0..1023) OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG)

perRAInfoList-r17 PerRAInfoList-r16 OPTIONAL

Name of the Sub\_IE: (FailureReportSCG)

]]

Name of the Sub\_IE: (MeasResultFreqList)

MeasResultFreqList SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2NR

Name of the IE: (SCGFAILUREINFORMATIONEUTRA)

Name of the Sub\_IE: (SCGFailureInformationEUTRA)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SCGFailureInformationEUTRA)

scgFailureInformationEUTRA SCGFailureInformationEUTRA-IEs,

Name of the Sub\_IE: (SCGFailureInformationEUTRA)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SCGFailureInformationEUTRA-IEs)

failureReportSCG-EUTRA FailureReportSCG-EUTRA OPTIONAL,

Name of the Sub\_IE: (SCGFailureInformationEUTRA-IEs)

nonCriticalExtension SCGFailureInformationEUTRA-v1590-IEs OPTIONAL

Name of the Sub\_IE: (SCGFailureInformationEUTRA-v1590-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SCGFailureInformationEUTRA-v1590-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

failureType ENUMERATED {

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

t313-Expiry, randomAccessProblem,rlc-MaxNumRetx,

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

scg-ChangeFailure, spare4,

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

spare3, spare2, spare1},

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

measResultFreqListMRDC MeasResultFreqListFailMRDC OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

measResultSCG-FailureMRDC OCTET STRING OPTIONAL,

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

...,

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

[[

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

locationInfo-r16 LocationInfo-r16 OPTIONAL

Name of the Sub\_IE: (FailureReportSCG-EUTRA)

]]

Name of the Sub\_IE: (MeasResultFreqListFailMRDC)

MeasResultFreqListFailMRDC SEQUENCE (SIZE (1.. maxFreq)) OF MeasResult2EUTRA

Name of the IE: (SECURITYMODECOMMAND)

Name of the Sub\_IE: (SecurityModeCommand)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (SecurityModeCommand)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SecurityModeCommand)

securityModeCommand SecurityModeCommand-IEs,

Name of the Sub\_IE: (SecurityModeCommand)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SecurityModeCommand-IEs)

securityConfigSMC SecurityConfigSMC,

Name of the Sub\_IE: (SecurityModeCommand-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SecurityModeCommand-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the Sub\_IE: (SecurityConfigSMC)

securityAlgorithmConfig SecurityAlgorithmConfig,

Name of the Sub\_IE: (SecurityConfigSMC)

...

Name of the IE: (SECURITYMODECOMPLETE)

Name of the Sub\_IE: (SecurityModeComplete)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (SecurityModeComplete)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SecurityModeComplete)

securityModeComplete SecurityModeComplete-IEs,

Name of the Sub\_IE: (SecurityModeComplete)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SecurityModeComplete-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SecurityModeComplete-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (SECURITYMODEFAILURE)

Name of the Sub\_IE: (SecurityModeFailure)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (SecurityModeFailure)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SecurityModeFailure)

securityModeFailure SecurityModeFailure-IEs,

Name of the Sub\_IE: (SecurityModeFailure)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SecurityModeFailure-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SecurityModeFailure-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (SIB1)

Name of the Sub\_IE: (SIB1)

cellSelectionInfo SEQUENCE {

Name of the Sub\_IE: (SIB1)

q-RxLevMin Q-RxLevMin,

Name of the Sub\_IE: (SIB1)

q-RxLevMinOffset INTEGER (1..8) OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1)

q-RxLevMinSUL Q-RxLevMin OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

q-QualMin Q-QualMin OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1)

q-QualMinOffset INTEGER (1..8) OPTIONAL -- Need S

Name of the Sub\_IE: (SIB1)

} OPTIONAL, -- Cond Standalone

Name of the Sub\_IE: (SIB1)

cellAccessRelatedInfo CellAccessRelatedInfo,

Name of the Sub\_IE: (SIB1)

connEstFailureControl ConnEstFailureControl OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

si-SchedulingInfo SI-SchedulingInfo OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

servingCellConfigCommon ServingCellConfigCommonSIB OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

ims-EmergencySupport ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

eCallOverIMS-Support ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

ue-TimersAndConstants UE-TimersAndConstants OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

uac-BarringInfo SEQUENCE {

Name of the Sub\_IE: (SIB1)

uac-BarringForCommon UAC-BarringPerCatList OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1)

uac-BarringPerPLMN-List UAC-BarringPerPLMN-List OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1)

uac-BarringInfoSetList UAC-BarringInfoSetList,

Name of the Sub\_IE: (SIB1)

uac-AccessCategory1-SelectionAssistanceInfo CHOICE {

Name of the Sub\_IE: (SIB1)

plmnCommon UAC-AccessCategory1-SelectionAssistanceInfo,

Name of the Sub\_IE: (SIB1)

individualPLMNList SEQUENCE (SIZE (2..maxPLMN)) OF UAC-AccessCategory1-SelectionAssistanceInfo

Name of the Sub\_IE: (SIB1)

} OPTIONAL -- Need S

Name of the Sub\_IE: (SIB1)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

useFullResumeID ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB1)

nonCriticalExtension SIB1-v1610-IEs OPTIONAL

Name of the Sub\_IE: (SIB1-v1610-IEs)

idleModeMeasurementsEUTRA-r16 ENUMERATED{true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1610-IEs)

idleModeMeasurementsNR-r16 ENUMERATED{true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1610-IEs)

posSI-SchedulingInfo-r16 PosSI-SchedulingInfo-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1610-IEs)

nonCriticalExtension SIB1-v1630-IEs OPTIONAL

Name of the Sub\_IE: (SIB1-v1630-IEs)

uac-BarringInfo-v1630 SEQUENCE {

Name of the Sub\_IE: (SIB1-v1630-IEs)

uac-AC1-SelectAssistInfo-r16 SEQUENCE (SIZE (2..maxPLMN)) OF UAC-AC1-SelectAssistInfo-r16

Name of the Sub\_IE: (SIB1-v1630-IEs)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1630-IEs)

nonCriticalExtension SIB1-v1700-IEs OPTIONAL

Name of the Sub\_IE: (SIB1-v1700-IEs)

hsdn-Cell-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

uac-BarringInfo-v1700 SEQUENCE {

Name of the Sub\_IE: (SIB1-v1700-IEs)

uac-BarringInfoSetList-v1700 UAC-BarringInfoSetList-v1700

Name of the Sub\_IE: (SIB1-v1700-IEs)

} OPTIONAL, -- Cond MINT

Name of the Sub\_IE: (SIB1-v1700-IEs)

sdt-ConfigCommon-r17 SDT-ConfigCommonSIB-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

redCap-ConfigCommon-r17 RedCap-ConfigCommonSIB-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

featurePriorities-r17 SEQUENCE {

Name of the Sub\_IE: (SIB1-v1700-IEs)

redCapPriority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

slicingPriority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

msg3-Repetitions-Priority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

sdt-Priority-r17 FeaturePriority-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

si-SchedulingInfo-v1700 SI-SchedulingInfo-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

hyperSFN-r17 BIT STRING (SIZE (10)) OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

eDRX-AllowedIdle-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1700-IEs)

eDRX-AllowedInactive-r17 ENUMERATED {true} OPTIONAL, -- Cond EDRX-RC

Name of the Sub\_IE: (SIB1-v1700-IEs)

intraFreqReselectionRedCap-r17 ENUMERATED {allowed, notAllowed} OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1-v1700-IEs)

cellBarredNTN-r17 ENUMERATED {barred, notBarred} OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB1-v1700-IEs)

nonCriticalExtension SIB1-v1740-IEs OPTIONAL

Name of the Sub\_IE: (SIB1-v1740-IEs)

si-SchedulingInfo-v1740 SI-SchedulingInfo-v1740 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB1-v1740-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (UAC-AccessCategory1-SelectionAssistanceInfo)

UAC-AccessCategory1-SelectionAssistanceInfo ENUMERATED {a, b, c}

Name of the Sub\_IE: (UAC-AC1-SelectAssistInfo-r16)

UAC-AC1-SelectAssistInfo-r16 ENUMERATED {a, b, c, notConfigured}

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

sdt-RSRP-Threshold-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

sdt-LogicalChannelSR-DelayTimer-r17 ENUMERATED { sf20, sf40, sf64, sf128, sf512, sf1024, sf2560, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

sdt-DataVolumeThreshold-r17 ENUMERATED {byte32, byte100, byte200, byte400, byte600, byte800, byte1000, byte2000, byte4000,

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

byte8000, byte9000, byte10000, byte12000, byte24000, byte48000, byte96000},

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

t319a-r17 ENUMERATED { ms100, ms200, ms300, ms400, ms600, ms1000, ms2000,

Name of the Sub\_IE: (SDT-ConfigCommonSIB-r17)

ms3000, ms4000, spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

halfDuplexRedCapAllowed-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

cellBarredRedCap-r17 SEQUENCE {

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

cellBarredRedCap1Rx-r17 ENUMERATED {barred, notBarred},

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

cellBarredRedCap2Rx-r17 ENUMERATED {barred, notBarred}

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (RedCap-ConfigCommonSIB-r17)

...

Name of the IE: (SIDELINKUEINFORMATIONNR)

Name of the Sub\_IE: (SidelinkUEInformationNR-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SidelinkUEInformationNR-r16)

sidelinkUEInformationNR-r16 SidelinkUEInformationNR-r16-IEs,

Name of the Sub\_IE: (SidelinkUEInformationNR-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SidelinkUEInformationNR-r16-IEs)

sl-RxInterestedFreqList-r16 SL-InterestedFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-r16-IEs)

sl-TxResourceReqList-r16 SL-TxResourceReqList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-r16-IEs)

sl-FailureList-r16 SL-FailureList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-r16-IEs)

nonCriticalExtension SidelinkUEInformationNR-v1700-IEs OPTIONAL

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-TxResourceReqList-v1700 SL-TxResourceReqList-v1700 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-RxDRX-ReportList-v1700 SL-RxDRX-ReportList-v1700 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-RxInterestedGC-BC-DestList-r17 SL-RxInterestedGC-BC-DestList-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-RxInterestedFreqListDisc-r17 SL-InterestedFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-TxResourceReqListDisc-r17 SL-TxResourceReqListDisc-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-TxResourceReqListCommRelay-r17 SL-TxResourceReqListCommRelay-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

ue-Type-r17 ENUMERATED {relayUE, remoteUE} OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

sl-SourceIdentityRemoteUE-r17 SL-SourceIdentity-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkUEInformationNR-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (SL-InterestedFreqList-r16)

SL-InterestedFreqList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF INTEGER (1..maxNrofFreqSL-r16)

Name of the Sub\_IE: (SL-TxResourceReqList-r16)

SL-TxResourceReqList-r16 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-TxResourceReq-r16

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-DestinationIdentity-r16 SL-DestinationIdentity-r16,

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-CastType-r16 ENUMERATED {broadcast, groupcast, unicast, spare1},

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-RLC-ModeIndicationList-r16 SEQUENCE (SIZE (1.. maxNrofSLRB-r16)) OF SL-RLC-ModeIndication-r16 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-QoS-InfoList-r16 SEQUENCE (SIZE (1..maxNrofSL-QFIsPerDest-r16)) OF SL-QoS-Info-r16 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-TypeTxSyncList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-TypeTxSync-r16 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-TxInterestedFreqList-r16 SL-TxInterestedFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-r16)

sl-CapabilityInformationSidelink-r16 OCTET STRING OPTIONAL

Name of the Sub\_IE: (SL-TxResourceReqList-v1700)

SL-TxResourceReqList-v1700 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-TxResourceReq-v1700

Name of the Sub\_IE: (SL-RxDRX-ReportList-v1700)

SL-RxDRX-ReportList-v1700 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-RxDRX-Report-v1700

Name of the Sub\_IE: (SL-TxResourceReq-v1700)

sl-DRX-InfoFromRxList-r17 SEQUENCE (SIZE (1..maxNrofSL-RxInfoSet-r17)) OF SL-DRX-ConfigUC-SemiStatic-r17 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-v1700)

sl-DRX-Indication-r17 ENUMERATED {on, off} OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReq-v1700)

...

Name of the Sub\_IE: (SL-RxDRX-Report-v1700)

sl-DRX-ConfigFromTx-r17 SL-DRX-ConfigUC-SemiStatic-r17,

Name of the Sub\_IE: (SL-RxDRX-Report-v1700)

...}

Name of the Sub\_IE: (SL-RxInterestedGC-BC-DestList-r17)

SL-RxInterestedGC-BC-DestList-r17 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-RxInterestedGC-BC-Dest-r17

Name of the Sub\_IE: (SL-RxInterestedGC-BC-Dest-r17)

sl-RxInterestedQoS-InfoList-r17 SEQUENCE (SIZE (1..maxNrofSL-QFIsPerDest-r16)) OF SL-QoS-Info-r16,

Name of the Sub\_IE: (SL-RxInterestedGC-BC-Dest-r17)

sl-DestinationIdentity-r16 SL-DestinationIdentity-r16

Name of the Sub\_IE: (SL-TxResourceReqListDisc-r17)

SL-TxResourceReqListDisc-r17 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-TxResourceReqDisc-r17

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-DestinationIdentityDisc-r17 SL-DestinationIdentity-r16,

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-SourceIdentityRelayUE-r17 SL-SourceIdentity-r17 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-CastTypeDisc-r17 ENUMERATED {broadcast, groupcast, unicast, spare1},

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-TxInterestedFreqListDisc-r17 SL-TxInterestedFreqList-r16,

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-TypeTxSyncListDisc-r17 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-TypeTxSync-r16,

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

sl-DiscoveryType-r17 ENUMERATED {relay, non-Relay},

Name of the Sub\_IE: (SL-TxResourceReqDisc-r17)

...

Name of the Sub\_IE: (SL-TxResourceReqListCommRelay-r17)

SL-TxResourceReqListCommRelay-r17 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-TxResourceReqCommRelayInfo-r17

Name of the Sub\_IE: (SL-TxResourceReqCommRelayInfo-r17)

sl-RelayDRXConfig-r17 SL-TxResourceReq-v1700 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqCommRelayInfo-r17)

sl-TxResourceReqCommRelay-r17 SL-TxResourceReqCommRelay-r17

Name of the Sub\_IE: (SL-TxResourceReqCommRelay-r17)

sl-TxResourceReqL2U2N-Relay-r17 SL-TxResourceReqL2U2N-Relay-r17,

Name of the Sub\_IE: (SL-TxResourceReqCommRelay-r17)

sl-TxResourceReqL3U2N-Relay-r17 SL-TxResourceReq-r16

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-DestinationIdentityL2U2N-r17 SL-DestinationIdentity-r16 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-TxInterestedFreqListL2U2N-r17 SL-TxInterestedFreqList-r16,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-TypeTxSyncListL2U2N-r17 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-TypeTxSync-r16,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-LocalID-Request-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-PagingIdentityRemoteUE-r17 SL-PagingIdentityRemoteUE-r17 OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

sl-CapabilityInformationSidelink-r17 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SL-TxResourceReqL2U2N-Relay-r17)

...

Name of the Sub\_IE: (SL-TxInterestedFreqList-r16)

SL-TxInterestedFreqList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF INTEGER (1..maxNrofFreqSL-r16)

Name of the Sub\_IE: (SL-QoS-Info-r16)

sl-QoS-FlowIdentity-r16 SL-QoS-FlowIdentity-r16,

Name of the Sub\_IE: (SL-QoS-Info-r16)

sl-QoS-Profile-r16 SL-QoS-Profile-r16 OPTIONAL

Name of the Sub\_IE: (SL-RLC-ModeIndication-r16)

sl-Mode-r16 CHOICE {

Name of the Sub\_IE: (SL-RLC-ModeIndication-r16)

sl-AM-Mode-r16 NULL,

Name of the Sub\_IE: (SL-RLC-ModeIndication-r16)

sl-UM-Mode-r16 NULL

Name of the Sub\_IE: (SL-RLC-ModeIndication-r16)

},

Name of the Sub\_IE: (SL-RLC-ModeIndication-r16)

sl-QoS-InfoList-r16 SEQUENCE (SIZE (1..maxNrofSL-QFIsPerDest-r16)) OF SL-QoS-Info-r16

Name of the Sub\_IE: (SL-FailureList-r16)

SL-FailureList-r16 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-Failure-r16

Name of the Sub\_IE: (SL-Failure-r16)

sl-DestinationIdentity-r16 SL-DestinationIdentity-r16,

Name of the Sub\_IE: (SL-Failure-r16)

sl-Failure-r16 ENUMERATED {rlf,configFailure, drxReject-v1710, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (SYSTEMINFORMATION)

Name of the Sub\_IE: (SystemInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (SystemInformation)

systemInformation SystemInformation-IEs,

Name of the Sub\_IE: (SystemInformation)

criticalExtensionsFuture-r16 CHOICE {

Name of the Sub\_IE: (SystemInformation)

posSystemInformation-r16 PosSystemInformation-r16-IEs,

Name of the Sub\_IE: (SystemInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (SystemInformation-IEs)

sib-TypeAndInfo SEQUENCE (SIZE (1..maxSIB)) OF CHOICE {

Name of the Sub\_IE: (SystemInformation-IEs)

sib2 SIB2,

Name of the Sub\_IE: (SystemInformation-IEs)

sib3 SIB3,

Name of the Sub\_IE: (SystemInformation-IEs)

sib4 SIB4,

Name of the Sub\_IE: (SystemInformation-IEs)

sib5 SIB5,

Name of the Sub\_IE: (SystemInformation-IEs)

sib6 SIB6,

Name of the Sub\_IE: (SystemInformation-IEs)

sib7 SIB7,

Name of the Sub\_IE: (SystemInformation-IEs)

sib8 SIB8,

Name of the Sub\_IE: (SystemInformation-IEs)

sib9 SIB9,

Name of the Sub\_IE: (SystemInformation-IEs)

...,

Name of the Sub\_IE: (SystemInformation-IEs)

sib10-v1610 SIB10-r16,

Name of the Sub\_IE: (SystemInformation-IEs)

sib11-v1610 SIB11-r16,

Name of the Sub\_IE: (SystemInformation-IEs)

sib12-v1610 SIB12-r16,

Name of the Sub\_IE: (SystemInformation-IEs)

sib13-v1610 SIB13-r16,

Name of the Sub\_IE: (SystemInformation-IEs)

sib14-v1610 SIB14-r16,

Name of the Sub\_IE: (SystemInformation-IEs)

sib15-v1700 SIB15-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib16-v1700 SIB16-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib17-v1700 SIB17-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib18-v1700 SIB18-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib19-v1700 SIB19-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib20-v1700 SIB20-r17,

Name of the Sub\_IE: (SystemInformation-IEs)

sib21-v1700 SIB21-r17

Name of the Sub\_IE: (SystemInformation-IEs)

},

Name of the Sub\_IE: (SystemInformation-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SystemInformation-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UEASSISTANCEINFORMATION)

Name of the Sub\_IE: (UEAssistanceInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UEAssistanceInformation)

ueAssistanceInformation UEAssistanceInformation-IEs,

Name of the Sub\_IE: (UEAssistanceInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UEAssistanceInformation-IEs)

delayBudgetReport DelayBudgetReport OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-IEs)

nonCriticalExtension UEAssistanceInformation-v1540-IEs OPTIONAL

Name of the Sub\_IE: (DelayBudgetReport)

type1 ENUMERATED {

Name of the Sub\_IE: (DelayBudgetReport)

msMinus1280, msMinus640, msMinus320, msMinus160,msMinus80, msMinus60, msMinus40,

Name of the Sub\_IE: (DelayBudgetReport)

msMinus20, ms0, ms20,ms40, ms60, ms80, ms160, ms320, ms640, ms1280},

Name of the Sub\_IE: (DelayBudgetReport)

...

Name of the Sub\_IE: (UEAssistanceInformation-v1540-IEs)

overheatingAssistance OverheatingAssistance OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1540-IEs)

nonCriticalExtension UEAssistanceInformation-v1610-IEs OPTIONAL

Name of the Sub\_IE: (OverheatingAssistance)

reducedMaxCCs ReducedMaxCCs-r16 OPTIONAL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMaxBW-FR1 ReducedMaxBW-FRx-r16 OPTIONAL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMaxBW-FR2 ReducedMaxBW-FRx-r16 OPTIONAL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMaxMIMO-LayersFR1 SEQUENCE {

Name of the Sub\_IE: (OverheatingAssistance)

reducedMIMO-LayersFR1-DL MIMO-LayersDL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMIMO-LayersFR1-UL MIMO-LayersUL

Name of the Sub\_IE: (OverheatingAssistance)

} OPTIONAL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMaxMIMO-LayersFR2 SEQUENCE {

Name of the Sub\_IE: (OverheatingAssistance)

reducedMIMO-LayersFR2-DL MIMO-LayersDL,

Name of the Sub\_IE: (OverheatingAssistance)

reducedMIMO-LayersFR2-UL MIMO-LayersUL

Name of the Sub\_IE: (OverheatingAssistance)

} OPTIONAL

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedMaxBW-FR2-2-r17 SEQUENCE {

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedBW-FR2-2-DL-r17 ReducedAggregatedBandwidth-r17,

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedBW-FR2-2-UL-r17 ReducedAggregatedBandwidth-r17

Name of the Sub\_IE: (OverheatingAssistance-r17)

} OPTIONAL,

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedMaxMIMO-LayersFR2-2 SEQUENCE {

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedMIMO-LayersFR2-2-DL MIMO-LayersDL,

Name of the Sub\_IE: (OverheatingAssistance-r17)

reducedMIMO-LayersFR2-2-UL MIMO-LayersUL

Name of the Sub\_IE: (OverheatingAssistance-r17)

} OPTIONAL

Name of the Sub\_IE: (ReducedAggregatedBandwidth)

ReducedAggregatedBandwidth ENUMERATED {mhz0, mhz10, mhz20, mhz30, mhz40, mhz50, mhz60, mhz80, mhz100, mhz200, mhz300, mhz400}

Name of the Sub\_IE: (ReducedAggregatedBandwidth-r17)

ReducedAggregatedBandwidth-r17 ENUMERATED {mhz0, mhz100, mhz200, mhz400, mhz800, mhz1200, mhz1600, mhz2000}

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

idc-Assistance-r16 IDC-Assistance-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

drx-Preference-r16 DRX-Preference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

maxBW-Preference-r16 MaxBW-Preference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

maxCC-Preference-r16 MaxCC-Preference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

maxMIMO-LayerPreference-r16 MaxMIMO-LayerPreference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

minSchedulingOffsetPreference-r16 MinSchedulingOffsetPreference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

releasePreference-r16 ReleasePreference-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

sl-UE-AssistanceInformationNR-r16 SL-UE-AssistanceInformationNR-r16 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

referenceTimeInfoPreference-r16 BOOLEAN OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1610-IEs)

nonCriticalExtension UEAssistanceInformation-v1700-IEs OPTIONAL

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

ul-GapFR2-Preference-r17 UL-GapFR2-Preference-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

musim-Assistance-r17 MUSIM-Assistance-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

overheatingAssistance-r17 OverheatingAssistance-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

maxBW-PreferenceFR2-2-r17 MaxBW-PreferenceFR2-2-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

maxMIMO-LayerPreferenceFR2-2-r17 MaxMIMO-LayerPreferenceFR2-2-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

minSchedulingOffsetPreferenceExt-r17 MinSchedulingOffsetPreferenceExt-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

rlm-MeasRelaxationState-r17 BOOLEAN OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

bfd-MeasRelaxationState-r17 BIT STRING (SIZE (1..maxNrofServingCells)) OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

nonSDT-DataIndication-r17 SEQUENCE {

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

resumeCause-r17 ResumeCause OPTIONAL

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

} OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

scg-DeactivationPreference-r17 ENUMERATED { scgDeactivationPreferred, noPreference } OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

uplinkData-r17 ENUMERATED { true } OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

rrm-MeasRelaxationFulfilment-r17 BOOLEAN OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

propagationDelayDifference-r17 PropagationDelayDifference-r17 OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformation-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (IDC-Assistance-r16)

affectedCarrierFreqList-r16 AffectedCarrierFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (IDC-Assistance-r16)

affectedCarrierFreqCombList-r16 AffectedCarrierFreqCombList-r16 OPTIONAL,

Name of the Sub\_IE: (IDC-Assistance-r16)

...

Name of the Sub\_IE: (AffectedCarrierFreqList-r16)

AffectedCarrierFreqList-r16 SEQUENCE (SIZE (1.. maxFreqIDC-r16)) OF AffectedCarrierFreq-r16

Name of the Sub\_IE: (AffectedCarrierFreq-r16)

carrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (AffectedCarrierFreq-r16)

interferenceDirection-r16 ENUMERATED {nr, other, both, spare}

Name of the Sub\_IE: (AffectedCarrierFreqCombList-r16)

AffectedCarrierFreqCombList-r16 SEQUENCE (SIZE (1..maxCombIDC-r16)) OF AffectedCarrierFreqComb-r16

Name of the Sub\_IE: (AffectedCarrierFreqComb-r16)

affectedCarrierFreqComb-r16 SEQUENCE (SIZE (2..maxNrofServingCells)) OF ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (AffectedCarrierFreqComb-r16)

victimSystemType-r16 VictimSystemType-r16

Name of the Sub\_IE: (VictimSystemType-r16)

gps-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

glonass-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

bds-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

galileo-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

navIC-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

wlan-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

bluetooth-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType-r16)

...

Name of the Sub\_IE: (DRX-Preference-r16)

preferredDRX-InactivityTimer-r16 ENUMERATED {

Name of the Sub\_IE: (DRX-Preference-r16)

ms0, ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60, ms80,

Name of the Sub\_IE: (DRX-Preference-r16)

ms100, ms200, ms300, ms500, ms750, ms1280, ms1920, ms2560, spare9, spare8,

Name of the Sub\_IE: (DRX-Preference-r16)

spare7, spare6, spare5, spare4, spare3, spare2, spare1} OPTIONAL,

Name of the Sub\_IE: (DRX-Preference-r16)

preferredDRX-LongCycle-r16 ENUMERATED {

Name of the Sub\_IE: (DRX-Preference-r16)

ms10, ms20, ms32, ms40, ms60, ms64, ms70, ms80, ms128, ms160, ms256, ms320, ms512,

Name of the Sub\_IE: (DRX-Preference-r16)

ms640, ms1024, ms1280, ms2048, ms2560, ms5120, ms10240, spare12, spare11, spare10,

Name of the Sub\_IE: (DRX-Preference-r16)

spare9, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 } OPTIONAL,

Name of the Sub\_IE: (DRX-Preference-r16)

preferredDRX-ShortCycle-r16 ENUMERATED {

Name of the Sub\_IE: (DRX-Preference-r16)

ms2, ms3, ms4, ms5, ms6, ms7, ms8, ms10, ms14, ms16, ms20, ms30, ms32,

Name of the Sub\_IE: (DRX-Preference-r16)

ms35, ms40, ms64, ms80, ms128, ms160, ms256, ms320, ms512, ms640, spare9,

Name of the Sub\_IE: (DRX-Preference-r16)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 } OPTIONAL,

Name of the Sub\_IE: (DRX-Preference-r16)

preferredDRX-ShortCycleTimer-r16 INTEGER (1..16) OPTIONAL

Name of the Sub\_IE: (MaxBW-Preference-r16)

reducedMaxBW-FR1-r16 ReducedMaxBW-FRx-r16 OPTIONAL,

Name of the Sub\_IE: (MaxBW-Preference-r16)

reducedMaxBW-FR2-r16 ReducedMaxBW-FRx-r16 OPTIONAL

Name of the Sub\_IE: (MaxBW-PreferenceFR2-2-r17)

reducedMaxBW-FR2-2-r17 SEQUENCE {

Name of the Sub\_IE: (MaxBW-PreferenceFR2-2-r17)

reducedBW-FR2-2-DL-r17 ReducedAggregatedBandwidth-r17 OPTIONAL,

Name of the Sub\_IE: (MaxBW-PreferenceFR2-2-r17)

reducedBW-FR2-2-UL-r17 ReducedAggregatedBandwidth-r17 OPTIONAL

Name of the Sub\_IE: (MaxBW-PreferenceFR2-2-r17)

} OPTIONAL

Name of the Sub\_IE: (MaxCC-Preference-r16)

reducedMaxCCs-r16 ReducedMaxCCs-r16 OPTIONAL

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMaxMIMO-LayersFR1-r16 SEQUENCE {

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMIMO-LayersFR1-DL-r16 INTEGER (1..8),

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMIMO-LayersFR1-UL-r16 INTEGER (1..4)

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

} OPTIONAL,

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMaxMIMO-LayersFR2-r16 SEQUENCE {

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMIMO-LayersFR2-DL-r16 INTEGER (1..8),

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

reducedMIMO-LayersFR2-UL-r16 INTEGER (1..4)

Name of the Sub\_IE: (MaxMIMO-LayerPreference-r16)

} OPTIONAL

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceFR2-2-r17)

reducedMaxMIMO-LayersFR2-2-r17 SEQUENCE {

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceFR2-2-r17)

reducedMIMO-LayersFR2-2-DL-r17 INTEGER (1..8),

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceFR2-2-r17)

reducedMIMO-LayersFR2-2-UL-r17 INTEGER (1..4)

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceFR2-2-r17)

} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK0-r16 SEQUENCE {

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK0-SCS-15kHz-r16 ENUMERATED {sl1, sl2, sl4, sl6} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK0-SCS-30kHz-r16 ENUMERATED {sl1, sl2, sl4, sl6} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK0-SCS-60kHz-r16 ENUMERATED {sl2, sl4, sl8, sl12} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK0-SCS-120kHz-r16 ENUMERATED {sl2, sl4, sl8, sl12} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK2-r16 SEQUENCE {

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK2-SCS-15kHz-r16 ENUMERATED {sl1, sl2, sl4, sl6} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK2-SCS-30kHz-r16 ENUMERATED {sl1, sl2, sl4, sl6} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK2-SCS-60kHz-r16 ENUMERATED {sl2, sl4, sl8, sl12} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

preferredK2-SCS-120kHz-r16 ENUMERATED {sl2, sl4, sl8, sl12} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreference-r16)

} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK0-r17 SEQUENCE {

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK0-SCS-480kHz-r17 ENUMERATED {sl8, sl16, sl32, sl48} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK0-SCS-960kHz-r17 ENUMERATED {sl8, sl16, sl32, sl48} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK2-r17 SEQUENCE {

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK2-SCS-480kHz-r17 ENUMERATED {sl8, sl16, sl32, sl48} OPTIONAL,

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

preferredK2-SCS-960kHz-r17 ENUMERATED {sl8, sl16, sl32, sl48} OPTIONAL

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceExt-r17)

} OPTIONAL

Name of the Sub\_IE: (MUSIM-Assistance-r17)

musim-PreferredRRC-State-r17 ENUMERATED {idle, inactive, outOfConnected} OPTIONAL,

Name of the Sub\_IE: (MUSIM-Assistance-r17)

musim-GapPreferenceList-r17 MUSIM-GapPreferenceList-r17 OPTIONAL

Name of the Sub\_IE: (MUSIM-GapPreferenceList-r17)

MUSIM-GapPreferenceList-r17 SEQUENCE (SIZE (1..4)) OF MUSIM-GapInfo-r17

Name of the Sub\_IE: (ReleasePreference-r16)

preferredRRC-State-r16 ENUMERATED {idle, inactive, connected, outOfConnected}

Name of the Sub\_IE: (ReducedMaxBW-FRx-r16)

reducedBW-DL-r16 ReducedAggregatedBandwidth,

Name of the Sub\_IE: (ReducedMaxBW-FRx-r16)

reducedBW-UL-r16 ReducedAggregatedBandwidth

Name of the Sub\_IE: (ReducedMaxCCs-r16)

reducedCCsDL-r16 INTEGER (0..31),

Name of the Sub\_IE: (ReducedMaxCCs-r16)

reducedCCsUL-r16 INTEGER (0..31)

Name of the Sub\_IE: (SL-UE-AssistanceInformationNR-r16)

SL-UE-AssistanceInformationNR-r16 SEQUENCE (SIZE (1..maxNrofTrafficPattern-r16)) OF SL-TrafficPatternInfo-r16

Name of the Sub\_IE: (SL-TrafficPatternInfo-r16)

trafficPeriodicity-r16 ENUMERATED {ms20, ms50, ms100, ms200, ms300, ms400, ms500, ms600, ms700, ms800, ms900, ms1000},

Name of the Sub\_IE: (SL-TrafficPatternInfo-r16)

timingOffset-r16 INTEGER (0..10239),

Name of the Sub\_IE: (SL-TrafficPatternInfo-r16)

messageSize-r16 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (SL-TrafficPatternInfo-r16)

sl-QoS-FlowIdentity-r16 SL-QoS-FlowIdentity-r16

Name of the Sub\_IE: (UL-GapFR2-Preference-r17)

ul-GapFR2-PatternPreference-r17 INTEGER (0..3) OPTIONAL

Name of the Sub\_IE: (PropagationDelayDifference-r17)

PropagationDelayDifference-r17 SEQUENCE (SIZE (1..4)) OF INTEGER (-270..270)

Name of the IE: (UECAPABILITYENQUIRY)

Name of the Sub\_IE: (UECapabilityEnquiry)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (UECapabilityEnquiry)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UECapabilityEnquiry)

ueCapabilityEnquiry UECapabilityEnquiry-IEs,

Name of the Sub\_IE: (UECapabilityEnquiry)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UECapabilityEnquiry-IEs)

ue-CapabilityRAT-RequestList UE-CapabilityRAT-RequestList,

Name of the Sub\_IE: (UECapabilityEnquiry-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UECapabilityEnquiry-IEs)

ue-CapabilityEnquiryExt OCTET STRING (CONTAINING UECapabilityEnquiry-v1560-IEs) OPTIONAL -- Need N

Name of the Sub\_IE: (UECapabilityEnquiry-v1560-IEs)

capabilityRequestFilterCommon UE-CapabilityRequestFilterCommon OPTIONAL, -- Need N

Name of the Sub\_IE: (UECapabilityEnquiry-v1560-IEs)

nonCriticalExtension UECapabilityEnquiry-v1610-IEs OPTIONAL

Name of the Sub\_IE: (UECapabilityEnquiry-v1610-IEs)

rrc-SegAllowed-r16 ENUMERATED {enabled} OPTIONAL, -- Need N

Name of the Sub\_IE: (UECapabilityEnquiry-v1610-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UECAPABILITYINFORMATION)

Name of the Sub\_IE: (UECapabilityInformation)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (UECapabilityInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UECapabilityInformation)

ueCapabilityInformation UECapabilityInformation-IEs,

Name of the Sub\_IE: (UECapabilityInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UECapabilityInformation-IEs)

ue-CapabilityRAT-ContainerList UE-CapabilityRAT-ContainerList OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformation-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformation-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (UEINFORMATIONREQUEST)

Name of the Sub\_IE: (UEInformationRequest-r16)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (UEInformationRequest-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UEInformationRequest-r16)

ueInformationRequest-r16 UEInformationRequest-r16-IEs,

Name of the Sub\_IE: (UEInformationRequest-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

idleModeMeasurementReq-r16 ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

logMeasReportReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

connEstFailReportReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

ra-ReportReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

rlf-ReportReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

mobilityHistoryReportReq-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEInformationRequest-r16-IEs)

nonCriticalExtension UEInformationRequest-v1700-IEs OPTIONAL

Name of the Sub\_IE: (UEInformationRequest-v1700-IEs)

successHO-ReportReq-r17 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-v1700-IEs)

coarseLocationRequest-r17 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UEInformationRequest-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UEINFORMATIONRESPONSE)

Name of the Sub\_IE: (UEInformationResponse-r16)

rrc-TransactionIdentifier RRC-TransactionIdentifier,

Name of the Sub\_IE: (UEInformationResponse-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UEInformationResponse-r16)

ueInformationResponse-r16 UEInformationResponse-r16-IEs,

Name of the Sub\_IE: (UEInformationResponse-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

measResultIdleEUTRA-r16 MeasResultIdleEUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

measResultIdleNR-r16 MeasResultIdleNR-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

logMeasReport-r16 LogMeasReport-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

connEstFailReport-r16 ConnEstFailReport-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

ra-ReportList-r16 RA-ReportList-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

rlf-Report-r16 RLF-Report-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

mobilityHistoryReport-r16 MobilityHistoryReport-r16 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-r16-IEs)

nonCriticalExtension UEInformationResponse-v1700-IEs OPTIONAL

Name of the Sub\_IE: (UEInformationResponse-v1700-IEs)

successHO-Report-r17 SuccessHO-Report-r17 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-v1700-IEs)

connEstFailReportList-r17 ConnEstFailReportList-r17 OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-v1700-IEs)

coarseLocationInfo-r17 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEInformationResponse-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (LogMeasReport-r16)

absoluteTimeStamp-r16 AbsoluteTimeInfo-r16,

Name of the Sub\_IE: (LogMeasReport-r16)

traceReference-r16 TraceReference-r16,

Name of the Sub\_IE: (LogMeasReport-r16)

traceRecordingSessionRef-r16 OCTET STRING (SIZE (2)),

Name of the Sub\_IE: (LogMeasReport-r16)

tce-Id-r16 OCTET STRING (SIZE (1)),

Name of the Sub\_IE: (LogMeasReport-r16)

logMeasInfoList-r16 LogMeasInfoList-r16,

Name of the Sub\_IE: (LogMeasReport-r16)

logMeasAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (LogMeasReport-r16)

logMeasAvailableBT-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (LogMeasReport-r16)

logMeasAvailableWLAN-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (LogMeasReport-r16)

...

Name of the Sub\_IE: (LogMeasInfoList-r16)

LogMeasInfoList-r16 SEQUENCE (SIZE (1..maxLogMeasReport-r16)) OF LogMeasInfo-r16

Name of the Sub\_IE: (LogMeasInfo-r16)

locationInfo-r16 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasInfo-r16)

relativeTimeStamp-r16 INTEGER (0..7200),

Name of the Sub\_IE: (LogMeasInfo-r16)

servCellIdentity-r16 CGI-Info-Logging-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasInfo-r16)

measResultServingCell-r16 MeasResultServingCell-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasInfo-r16)

measResultNeighCells-r16 SEQUENCE {

Name of the Sub\_IE: (LogMeasInfo-r16)

measResultNeighCellListNR MeasResultListLogging2NR-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasInfo-r16)

measResultNeighCellListEUTRA MeasResultList2EUTRA-r16 OPTIONAL

Name of the Sub\_IE: (LogMeasInfo-r16)

},

Name of the Sub\_IE: (LogMeasInfo-r16)

anyCellSelectionDetected-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (LogMeasInfo-r16)

...,

Name of the Sub\_IE: (LogMeasInfo-r16)

[[

Name of the Sub\_IE: (LogMeasInfo-r16)

inDeviceCoexDetected-r17 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (LogMeasInfo-r16)

]]

Name of the Sub\_IE: (ConnEstFailReport-r16)

measResultFailedCell-r16 MeasResultFailedCell-r16,

Name of the Sub\_IE: (ConnEstFailReport-r16)

locationInfo-r16 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (ConnEstFailReport-r16)

measResultNeighCells-r16 SEQUENCE {

Name of the Sub\_IE: (ConnEstFailReport-r16)

measResultNeighCellListNR MeasResultList2NR-r16 OPTIONAL,

Name of the Sub\_IE: (ConnEstFailReport-r16)

measResultNeighCellListEUTRA MeasResultList2EUTRA-r16 OPTIONAL

Name of the Sub\_IE: (ConnEstFailReport-r16)

},

Name of the Sub\_IE: (ConnEstFailReport-r16)

numberOfConnFail-r16 INTEGER (1..8),

Name of the Sub\_IE: (ConnEstFailReport-r16)

perRAInfoList-r16 PerRAInfoList-r16,

Name of the Sub\_IE: (ConnEstFailReport-r16)

timeSinceFailure-r16 TimeSinceFailure-r16,

Name of the Sub\_IE: (ConnEstFailReport-r16)

...

Name of the Sub\_IE: (ConnEstFailReportList-r17)

ConnEstFailReportList-r17 SEQUENCE (SIZE (1..maxCEFReport-r17)) OF ConnEstFailReport-r16

Name of the Sub\_IE: (MeasResultServingCell-r16)

resultsSSB-Cell MeasQuantityResults,

Name of the Sub\_IE: (MeasResultServingCell-r16)

resultsSSB SEQUENCE{

Name of the Sub\_IE: (MeasResultServingCell-r16)

best-ssb-Index SSB-Index,

Name of the Sub\_IE: (MeasResultServingCell-r16)

best-ssb-Results MeasQuantityResults,

Name of the Sub\_IE: (MeasResultServingCell-r16)

numberOfGoodSSB INTEGER (1..maxNrofSSBs-r16)

Name of the Sub\_IE: (MeasResultServingCell-r16)

} OPTIONAL

Name of the Sub\_IE: (MeasResultFailedCell-r16)

cgi-Info CGI-Info-Logging-r16,

Name of the Sub\_IE: (MeasResultFailedCell-r16)

measResult-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultFailedCell-r16)

cellResults-r16 SEQUENCE{

Name of the Sub\_IE: (MeasResultFailedCell-r16)

resultsSSB-Cell-r16 MeasQuantityResults

Name of the Sub\_IE: (MeasResultFailedCell-r16)

},

Name of the Sub\_IE: (MeasResultFailedCell-r16)

rsIndexResults-r16 SEQUENCE{

Name of the Sub\_IE: (MeasResultFailedCell-r16)

resultsSSB-Indexes-r16 ResultsPerSSB-IndexList

Name of the Sub\_IE: (RA-ReportList-r16)

RA-ReportList-r16 SEQUENCE (SIZE (1..maxRAReport-r16)) OF RA-Report-r16

Name of the Sub\_IE: (RA-Report-r16)

cellId-r16 CHOICE {

Name of the Sub\_IE: (RA-Report-r16)

cellGlobalId-r16 CGI-Info-Logging-r16,

Name of the Sub\_IE: (RA-Report-r16)

pci-arfcn-r16 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (RA-Report-r16)

},

Name of the Sub\_IE: (RA-Report-r16)

ra-InformationCommon-r16 RA-InformationCommon-r16 OPTIONAL,

Name of the Sub\_IE: (RA-Report-r16)

raPurpose-r16 ENUMERATED {accessRelated, beamFailureRecovery, reconfigurationWithSync, ulUnSynchronized,

Name of the Sub\_IE: (RA-Report-r16)

schedulingRequestFailure, noPUCCHResourceAvailable, requestForOtherSI,

Name of the Sub\_IE: (RA-Report-r16)

msg3RequestForOtherSI-r17, spare8, spare7, spare6, spare5, spare4, spare3,

Name of the Sub\_IE: (RA-Report-r16)

spare2, spare1},

Name of the Sub\_IE: (RA-Report-r16)

...,

Name of the Sub\_IE: (RA-Report-r16)

[[

Name of the Sub\_IE: (RA-Report-r16)

spCellID-r17 CGI-Info-Logging-r16 OPTIONAL

Name of the Sub\_IE: (RA-Report-r16)

]]

Name of the Sub\_IE: (RA-InformationCommon-r16)

absoluteFrequencyPointA-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (RA-InformationCommon-r16)

locationAndBandwidth-r16 INTEGER (0..37949),

Name of the Sub\_IE: (RA-InformationCommon-r16)

subcarrierSpacing-r16 SubcarrierSpacing,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-FrequencyStart-r16 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-FrequencyStartCFRA-r16 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-SubcarrierSpacing-r16 SubcarrierSpacing OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-SubcarrierSpacingCFRA-r16 SubcarrierSpacing OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-FDM-r16 ENUMERATED {one, two, four, eight} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-FDMCFRA-r16 ENUMERATED {one, two, four, eight} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

perRAInfoList-r16 PerRAInfoList-r16,

Name of the Sub\_IE: (RA-InformationCommon-r16)

...,

Name of the Sub\_IE: (RA-InformationCommon-r16)

[[

Name of the Sub\_IE: (RA-InformationCommon-r16)

perRAInfoList-v1660 PerRAInfoList-v1660 OPTIONAL

Name of the Sub\_IE: (RA-InformationCommon-r16)

]],

Name of the Sub\_IE: (RA-InformationCommon-r16)

[[

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-SCS-From-prach-ConfigurationIndex-r16 ENUMERATED {kHz1dot25, kHz5, spare2, spare1} OPTIONAL

Name of the Sub\_IE: (RA-InformationCommon-r16)

]],

Name of the Sub\_IE: (RA-InformationCommon-r16)

[[

Name of the Sub\_IE: (RA-InformationCommon-r16)

msg1-SCS-From-prach-ConfigurationIndexCFRA-r16 ENUMERATED {kHz1dot25, kHz5, spare2, spare1} OPTIONAL

Name of the Sub\_IE: (RA-InformationCommon-r16)

]],

Name of the Sub\_IE: (RA-InformationCommon-r16)

[[

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-RO-FrequencyStart-r17 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-RO-FrequencyStartCFRA-r17 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-SubcarrierSpacing-r17 SubcarrierSpacing OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-RO-FDM-r17 ENUMERATED {one, two, four, eight} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-RO-FDMCFRA-r17 ENUMERATED {one, two, four, eight} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-SCS-From-prach-ConfigurationIndex-r17 ENUMERATED {kHz1dot25, kHz5, spare2, spare1} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-TransMax-r17 ENUMERATED {n1, n2, n4, n6, n8, n10, n20, n50, n100, n200} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-MCS-r17 INTEGER (0..15) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

nrofPRBs-PerMsgA-PO-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-PUSCH-TimeDomainAllocation-r17 INTEGER (1..maxNrofUL-Allocations) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

frequencyStartMsgA-PUSCH-r17 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

nrofMsgA-PO-FDM-r17 ENUMERATED {one, two, four, eight} OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

dlPathlossRSRP-r17 RSRP-Range OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

intendedSIBs-r17 SEQUENCE (SIZE (1..maxSIB)) OF SIB-Type-r17 OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

ssbsForSI-Acquisition-r17 SEQUENCE (SIZE (1..maxNrofSSBs-r16)) OF SSB-Index OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

msgA-PUSCH-PayloadSize-r17 BIT STRING (SIZE (5)) OPTIONAL,

Name of the Sub\_IE: (RA-InformationCommon-r16)

onDemandSISuccess-r17 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (RA-InformationCommon-r16)

]]

Name of the Sub\_IE: (PerRAInfoList-r16)

PerRAInfoList-r16 SEQUENCE (SIZE (1..200)) OF PerRAInfo-r16

Name of the Sub\_IE: (PerRAInfoList-v1660)

PerRAInfoList-v1660 SEQUENCE (SIZE (1..200)) OF PerRACSI-RSInfo-v1660

Name of the Sub\_IE: (PerRAInfo-r16)

perRASSBInfoList-r16 PerRASSBInfo-r16,

Name of the Sub\_IE: (PerRAInfo-r16)

perRACSI-RSInfoList-r16 PerRACSI-RSInfo-r16

Name of the Sub\_IE: (PerRASSBInfo-r16)

ssb-Index-r16 SSB-Index,

Name of the Sub\_IE: (PerRASSBInfo-r16)

numberOfPreamblesSentOnSSB-r16 INTEGER (1..200),

Name of the Sub\_IE: (PerRASSBInfo-r16)

perRAAttemptInfoList-r16 PerRAAttemptInfoList-r16

Name of the Sub\_IE: (PerRACSI-RSInfo-r16)

csi-RS-Index-r16 CSI-RS-Index,

Name of the Sub\_IE: (PerRACSI-RSInfo-r16)

numberOfPreamblesSentOnCSI-RS-r16 INTEGER (1..200)

Name of the Sub\_IE: (PerRACSI-RSInfo-v1660)

csi-RS-Index-v1660 INTEGER (1..96) OPTIONAL

Name of the Sub\_IE: (PerRAAttemptInfoList-r16)

PerRAAttemptInfoList-r16 SEQUENCE (SIZE (1..200)) OF PerRAAttemptInfo-r16

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

contentionDetected-r16 BOOLEAN OPTIONAL,

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

dlRSRPAboveThreshold-r16 BOOLEAN OPTIONAL,

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

...,

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

[[

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

fallbackToFourStepRA-r17 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (PerRAAttemptInfo-r16)

]]

Name of the Sub\_IE: (SIB-Type-r17)

SIB-Type-r17 ENUMERATED {sibType2, sibType3, sibType4, sibType5, sibType9, sibType10-v1610, sibType11-v1610, sibType12-v1610,

Name of the Sub\_IE: (SIB-Type-r17)

sibType13-v1610, sibType14-v1610, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (RLF-Report-r16)

nr-RLF-Report-r16 SEQUENCE {

Name of the Sub\_IE: (RLF-Report-r16)

measResultLastServCell-r16 MeasResultRLFNR-r16,

Name of the Sub\_IE: (RLF-Report-r16)

measResultNeighCells-r16 SEQUENCE {

Name of the Sub\_IE: (RLF-Report-r16)

measResultListNR-r16 MeasResultList2NR-r16 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

measResultListEUTRA-r16 MeasResultList2EUTRA-r16 OPTIONAL

Name of the Sub\_IE: (RLF-Report-r16)

} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

c-RNTI-r16 RNTI-Value,

Name of the Sub\_IE: (RLF-Report-r16)

previousPCellId-r16 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

nrPreviousCell-r16 CGI-Info-Logging-r16,

Name of the Sub\_IE: (RLF-Report-r16)

eutraPreviousCell-r16 CGI-InfoEUTRALogging

Name of the Sub\_IE: (RLF-Report-r16)

} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

failedPCellId-r16 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

nrFailedPCellId-r16 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

cellGlobalId-r16 CGI-Info-Logging-r16,

Name of the Sub\_IE: (RLF-Report-r16)

pci-arfcn-r16 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (RLF-Report-r16)

},

Name of the Sub\_IE: (RLF-Report-r16)

eutraFailedPCellId-r16 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

cellGlobalId-r16 CGI-InfoEUTRALogging,

Name of the Sub\_IE: (RLF-Report-r16)

pci-arfcn-r16 PCI-ARFCN-EUTRA-r16

Name of the Sub\_IE: (RLF-Report-r16)

},

Name of the Sub\_IE: (RLF-Report-r16)

reconnectCellId-r16 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

nrReconnectCellId-r16 CGI-Info-Logging-r16,

Name of the Sub\_IE: (RLF-Report-r16)

eutraReconnectCellId-r16 CGI-InfoEUTRALogging

Name of the Sub\_IE: (RLF-Report-r16)

} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

timeUntilReconnection-r16 TimeUntilReconnection-r16 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

reestablishmentCellId-r16 CGI-Info-Logging-r16 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

timeConnFailure-r16 INTEGER (0..1023) OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

timeSinceFailure-r16 TimeSinceFailure-r16,

Name of the Sub\_IE: (RLF-Report-r16)

connectionFailureType-r16 ENUMERATED {rlf, hof},

Name of the Sub\_IE: (RLF-Report-r16)

rlf-Cause-r16 ENUMERATED {t310-Expiry, randomAccessProblem, rlc-MaxNumRetx,

Name of the Sub\_IE: (RLF-Report-r16)

beamFailureRecoveryFailure, lbtFailure-r16,

Name of the Sub\_IE: (RLF-Report-r16)

bh-rlfRecoveryFailure, t312-expiry-r17, spare1},

Name of the Sub\_IE: (RLF-Report-r16)

locationInfo-r16 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

noSuitableCellFound-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

ra-InformationCommon-r16 RA-InformationCommon-r16 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

...,

Name of the Sub\_IE: (RLF-Report-r16)

[[

Name of the Sub\_IE: (RLF-Report-r16)

csi-rsRLMConfigBitmap-v1650 BIT STRING (SIZE (96)) OPTIONAL

Name of the Sub\_IE: (RLF-Report-r16)

]],

Name of the Sub\_IE: (RLF-Report-r16)

[[

Name of the Sub\_IE: (RLF-Report-r16)

lastHO-Type-r17 ENUMERATED {cho, daps, spare2, spare1} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

timeConnSourceDAPS-Failure-r17 TimeConnSourceDAPS-Failure-r17 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

timeSinceCHO-Reconfig-r17 TimeSinceCHO-Reconfig-r17 OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

choCellId-r17 CHOICE {

Name of the Sub\_IE: (RLF-Report-r16)

cellGlobalId-r17 CGI-Info-Logging-r16,

Name of the Sub\_IE: (RLF-Report-r16)

pci-arfcn-r17 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (RLF-Report-r16)

} OPTIONAL,

Name of the Sub\_IE: (RLF-Report-r16)

choCandidateCellList-r17 ChoCandidateCellList-r17 OPTIONAL

Name of the Sub\_IE: (RLF-Report-r16)

]]

Name of the Sub\_IE: (RLF-Report-r16)

},

Name of the Sub\_IE: (RLF-Report-r16)

eutra-RLF-Report-r16 SEQUENCE {

Name of the Sub\_IE: (RLF-Report-r16)

failedPCellId-EUTRA CGI-InfoEUTRALogging,

Name of the Sub\_IE: (RLF-Report-r16)

measResult-RLF-Report-EUTRA-r16 OCTET STRING,

Name of the Sub\_IE: (RLF-Report-r16)

...,

Name of the Sub\_IE: (RLF-Report-r16)

[[

Name of the Sub\_IE: (RLF-Report-r16)

measResult-RLF-Report-EUTRA-v1690 OCTET STRING OPTIONAL

Name of the Sub\_IE: (RLF-Report-r16)

]]

Name of the Sub\_IE: (SuccessHO-Report-r17)

sourceCellInfo-r17 SEQUENCE {

Name of the Sub\_IE: (SuccessHO-Report-r17)

sourcePCellId-r17 CGI-Info-Logging-r16,

Name of the Sub\_IE: (SuccessHO-Report-r17)

sourceCellMeas-r17 MeasResultSuccessHONR-r17 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

rlf-InSourceDAPS-r17 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (SuccessHO-Report-r17)

},

Name of the Sub\_IE: (SuccessHO-Report-r17)

targetCellInfo-r17 SEQUENCE {

Name of the Sub\_IE: (SuccessHO-Report-r17)

targetPCellId-r17 CGI-Info-Logging-r16,

Name of the Sub\_IE: (SuccessHO-Report-r17)

targetCellMeas-r17 MeasResultSuccessHONR-r17 OPTIONAL

Name of the Sub\_IE: (SuccessHO-Report-r17)

},

Name of the Sub\_IE: (SuccessHO-Report-r17)

measResultNeighCells-r17 SEQUENCE {

Name of the Sub\_IE: (SuccessHO-Report-r17)

measResultListNR-r17 MeasResultList2NR-r16 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

measResultListEUTRA-r17 MeasResultList2EUTRA-r16 OPTIONAL

Name of the Sub\_IE: (SuccessHO-Report-r17)

} OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

locationInfo-r17 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

timeSinceCHO-Reconfig-r17 TimeSinceCHO-Reconfig-r17 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

shr-Cause-r17 SHR-Cause-r17 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

ra-InformationCommon-r17 RA-InformationCommon-r16 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

upInterruptionTimeAtHO-r17 UPInterruptionTimeAtHO-r17 OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

c-RNTI-r17 RNTI-Value OPTIONAL,

Name of the Sub\_IE: (SuccessHO-Report-r17)

...

Name of the Sub\_IE: (MeasResultList2NR-r16)

MeasResultList2NR-r16 SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2NR-r16

Name of the Sub\_IE: (MeasResultList2EUTRA-r16)

MeasResultList2EUTRA-r16 SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2EUTRA-r16

Name of the Sub\_IE: (MeasResult2NR-r16)

ssbFrequency-r16 ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR-r16)

refFreqCSI-RS-r16 ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR-r16)

measResultList-r16 MeasResultListNR

Name of the Sub\_IE: (MeasResultListLogging2NR-r16)

MeasResultListLogging2NR-r16 SEQUENCE (SIZE (1..maxFreq)) OF MeasResultLogging2NR-r16

Name of the Sub\_IE: (MeasResultLogging2NR-r16)

carrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (MeasResultLogging2NR-r16)

measResultListLoggingNR-r16 MeasResultListLoggingNR-r16

Name of the Sub\_IE: (MeasResultListLoggingNR-r16)

MeasResultListLoggingNR-r16 SEQUENCE (SIZE (1..maxCellReport)) OF MeasResultLoggingNR-r16

Name of the Sub\_IE: (MeasResultLoggingNR-r16)

physCellId-r16 PhysCellId,

Name of the Sub\_IE: (MeasResultLoggingNR-r16)

resultsSSB-Cell-r16 MeasQuantityResults,

Name of the Sub\_IE: (MeasResultLoggingNR-r16)

numberOfGoodSSB-r16 INTEGER (1..maxNrofSSBs-r16) OPTIONAL

Name of the Sub\_IE: (MeasResult2EUTRA-r16)

carrierFreq-r16 ARFCN-ValueEUTRA,

Name of the Sub\_IE: (MeasResult2EUTRA-r16)

measResultList-r16 MeasResultListEUTRA

Name of the Sub\_IE: (MeasResultRLFNR-r16)

measResult-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultRLFNR-r16)

cellResults-r16 SEQUENCE{

Name of the Sub\_IE: (MeasResultRLFNR-r16)

resultsSSB-Cell-r16 MeasQuantityResults OPTIONAL,

Name of the Sub\_IE: (MeasResultRLFNR-r16)

resultsCSI-RS-Cell-r16 MeasQuantityResults OPTIONAL

Name of the Sub\_IE: (MeasResultRLFNR-r16)

},

Name of the Sub\_IE: (MeasResultRLFNR-r16)

rsIndexResults-r16 SEQUENCE{

Name of the Sub\_IE: (MeasResultRLFNR-r16)

resultsSSB-Indexes-r16 ResultsPerSSB-IndexList OPTIONAL,

Name of the Sub\_IE: (MeasResultRLFNR-r16)

ssbRLMConfigBitmap-r16 BIT STRING (SIZE (64)) OPTIONAL,

Name of the Sub\_IE: (MeasResultRLFNR-r16)

resultsCSI-RS-Indexes-r16 ResultsPerCSI-RS-IndexList OPTIONAL,

Name of the Sub\_IE: (MeasResultRLFNR-r16)

csi-rsRLMConfigBitmap-r16 BIT STRING (SIZE (96)) OPTIONAL

Name of the Sub\_IE: (MeasResultRLFNR-r16)

} OPTIONAL

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

measResult-r17 SEQUENCE {

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

cellResults-r17 SEQUENCE{

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

resultsSSB-Cell-r17 MeasQuantityResults OPTIONAL,

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

resultsCSI-RS-Cell-r17 MeasQuantityResults OPTIONAL

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

},

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

rsIndexResults-r17 SEQUENCE{

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

resultsSSB-Indexes-r17 ResultsPerSSB-IndexList OPTIONAL,

Name of the Sub\_IE: (MeasResultSuccessHONR-r17)

resultsCSI-RS-Indexes-r17 ResultsPerCSI-RS-IndexList OPTIONAL

Name of the Sub\_IE: (ChoCandidateCellList-r17)

ChoCandidateCellList-r17 SEQUENCE (SIZE (1..maxNrofCondCells-r16)) OF ChoCandidateCell-r17

Name of the Sub\_IE: (ChoCandidateCell-r17)

cellGlobalId-r17 CGI-Info-Logging-r16,

Name of the Sub\_IE: (ChoCandidateCell-r17)

pci-arfcn-r17 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (SHR-Cause-r17)

t304-cause-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SHR-Cause-r17)

t310-cause-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SHR-Cause-r17)

t312-cause-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SHR-Cause-r17)

sourceDAPS-Failure-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SHR-Cause-r17)

...

Name of the IE: (UEPOSITIONINGASSISTANCEINFO)

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17)

uePositioningAssistanceInfo-r17 UEPositioningAssistanceInfo-r17-IEs,

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17-IEs)

ue-TxTEG-AssociationList-r17 UE-TxTEG-AssociationList-r17 OPTIONAL,

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEPositioningAssistanceInfo-r17-IEs)

nonCriticalExtension UEPositioningAssistanceInfo-v1720-IEs OPTIONAL

Name of the Sub\_IE: (UEPositioningAssistanceInfo-v1720-IEs)

ue-TxTEG-TimingErrorMarginValue-r17 ENUMERATED {tc0, tc2, tc4, tc6, tc8, tc12, tc16, tc20, tc24, tc32, tc40, tc48, tc56,

Name of the Sub\_IE: (UEPositioningAssistanceInfo-v1720-IEs)

tc64, tc72, tc80} OPTIONAL,

Name of the Sub\_IE: (UEPositioningAssistanceInfo-v1720-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (UE-TxTEG-AssociationList-r17)

UE-TxTEG-AssociationList-r17 SEQUENCE (SIZE (1..maxNrOfTxTEGReport-r17)) OF UE-TxTEG-Association-r17

Name of the Sub\_IE: (UE-TxTEG-Association-r17)

ue-TxTEG-ID-r17 INTEGER (0..maxNrOfTxTEG-ID-1-r17),

Name of the Sub\_IE: (UE-TxTEG-Association-r17)

nr-TimeStamp-r17 NR-TimeStamp-r17,

Name of the Sub\_IE: (UE-TxTEG-Association-r17)

associatedSRS-PosResourceIdList-r17 SEQUENCE (SIZE(1..maxNrofSRS-PosResources-r16)) OF SRS-PosResourceId-r16,

Name of the Sub\_IE: (UE-TxTEG-Association-r17)

servCellId-r17 ServCellIndex OPTIONAL

Name of the Sub\_IE: (NR-TimeStamp-r17)

nr-SFN-r17 INTEGER (0..1023),

Name of the Sub\_IE: (NR-TimeStamp-r17)

nr-Slot-r17 CHOICE {

Name of the Sub\_IE: (NR-TimeStamp-r17)

scs15-r17 INTEGER (0..9),

Name of the Sub\_IE: (NR-TimeStamp-r17)

scs30-r17 INTEGER (0..19),

Name of the Sub\_IE: (NR-TimeStamp-r17)

scs60-r17 INTEGER (0..39),

Name of the Sub\_IE: (NR-TimeStamp-r17)

scs120-r17 INTEGER (0..79)

Name of the Sub\_IE: (NR-TimeStamp-r17)

},

Name of the Sub\_IE: (NR-TimeStamp-r17)

...

Name of the IE: (ULDEDICATEDMESSAGESEGMENT)

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16)

ulDedicatedMessageSegment-r16 ULDedicatedMessageSegment-r16-IEs,

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16-IEs)

segmentNumber-r16 INTEGER (0..15),

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16-IEs)

rrc-MessageSegmentContainer-r16 OCTET STRING,

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16-IEs)

rrc-MessageSegmentType-r16 ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULDedicatedMessageSegment-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (ULINFORMATIONTRANSFER)

Name of the Sub\_IE: (ULInformationTransfer)

criticalExtensions CHOICE {

Name of the Sub\_IE: (ULInformationTransfer)

ulInformationTransfer ULInformationTransfer-IEs,

Name of the Sub\_IE: (ULInformationTransfer)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (ULInformationTransfer-IEs)

dedicatedNAS-Message DedicatedNAS-Message OPTIONAL,

Name of the Sub\_IE: (ULInformationTransfer-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransfer-IEs)

nonCriticalExtension ULInformationTransfer-v1700-IEs OPTIONAL

Name of the Sub\_IE: (ULInformationTransfer-v1700-IEs)

dedicatedInfoF1c-r17 DedicatedInfoF1c-r17 OPTIONAL,

Name of the Sub\_IE: (ULInformationTransfer-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (ULINFORMATIONTRANSFERIRAT)

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

criticalExtensions CHOICE {

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

c1 CHOICE {

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

ulInformationTransferIRAT-r16 ULInformationTransferIRAT-r16-IEs,

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

},

Name of the Sub\_IE: (ULInformationTransferIRAT-r16)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (ULInformationTransferIRAT-r16-IEs)

ul-DCCH-MessageEUTRA-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransferIRAT-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransferIRAT-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (ULINFORMATIONTRANSFERMRDC)

Name of the Sub\_IE: (ULInformationTransferMRDC)

criticalExtensions CHOICE {

Name of the Sub\_IE: (ULInformationTransferMRDC)

c1 CHOICE {

Name of the Sub\_IE: (ULInformationTransferMRDC)

ulInformationTransferMRDC ULInformationTransferMRDC-IEs,

Name of the Sub\_IE: (ULInformationTransferMRDC)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (ULInformationTransferMRDC)

},

Name of the Sub\_IE: (ULInformationTransferMRDC)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (ULInformationTransferMRDC-IEs)

ul-DCCH-MessageNR OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransferMRDC-IEs)

ul-DCCH-MessageEUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransferMRDC-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (ULInformationTransferMRDC-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (SETUPRELEASE)

Name of the Sub\_IE: (SetupRelease { ElementTypeParam })

release NULL,

Name of the Sub\_IE: (SetupRelease { ElementTypeParam })

setup ElementTypeParam

Name of the IE: (SIB2)

Name of the Sub\_IE: (SIB2)

cellReselectionInfoCommon SEQUENCE {

Name of the Sub\_IE: (SIB2)

nrofSS-BlocksToAverage INTEGER (2..maxNrofSS-BlocksToAverage) OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

absThreshSS-BlocksConsolidation ThresholdNR OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

rangeToBestCell RangeToBestCell OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

q-Hyst ENUMERATED {

Name of the Sub\_IE: (SIB2)

dB0, dB1, dB2, dB3, dB4, dB5, dB6, dB8, dB10,

Name of the Sub\_IE: (SIB2)

dB12, dB14, dB16, dB18, dB20, dB22, dB24},

Name of the Sub\_IE: (SIB2)

speedStateReselectionPars SEQUENCE {

Name of the Sub\_IE: (SIB2)

mobilityStateParameters MobilityStateParameters,

Name of the Sub\_IE: (SIB2)

q-HystSF SEQUENCE {

Name of the Sub\_IE: (SIB2)

sf-Medium ENUMERATED {dB-6, dB-4, dB-2, dB0},

Name of the Sub\_IE: (SIB2)

sf-High ENUMERATED {dB-6, dB-4, dB-2, dB0}

Name of the Sub\_IE: (SIB2)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

...

Name of the Sub\_IE: (SIB2)

},

Name of the Sub\_IE: (SIB2)

cellReselectionServingFreqInfo SEQUENCE {

Name of the Sub\_IE: (SIB2)

s-NonIntraSearchP ReselectionThreshold OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

s-NonIntraSearchQ ReselectionThresholdQ OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

threshServingLowP ReselectionThreshold,

Name of the Sub\_IE: (SIB2)

threshServingLowQ ReselectionThresholdQ OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

cellReselectionPriority CellReselectionPriority,

Name of the Sub\_IE: (SIB2)

cellReselectionSubPriority CellReselectionSubPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

...

Name of the Sub\_IE: (SIB2)

},

Name of the Sub\_IE: (SIB2)

intraFreqCellReselectionInfo SEQUENCE {

Name of the Sub\_IE: (SIB2)

q-RxLevMin Q-RxLevMin,

Name of the Sub\_IE: (SIB2)

q-RxLevMinSUL Q-RxLevMin OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

q-QualMin Q-QualMin OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

s-IntraSearchP ReselectionThreshold,

Name of the Sub\_IE: (SIB2)

s-IntraSearchQ ReselectionThresholdQ OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

t-ReselectionNR T-Reselection,

Name of the Sub\_IE: (SIB2)

frequencyBandList MultiFrequencyBandListNR-SIB OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

frequencyBandListSUL MultiFrequencyBandListNR-SIB OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

p-Max P-Max OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

smtc SSB-MTC OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

ss-RSSI-Measurement SS-RSSI-Measurement OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

ssb-ToMeasure SSB-ToMeasure OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB2)

deriveSSB-IndexFromCell BOOLEAN,

Name of the Sub\_IE: (SIB2)

...,

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

t-ReselectionNR-SF SpeedStateScaleFactors OPTIONAL -- Need N

Name of the Sub\_IE: (SIB2)

]],

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

smtc2-LP-r16 SSB-MTC2-LP-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

ssb-PositionQCL-Common-r16 SSB-PositionQCL-Relation-r16 OPTIONAL -- Cond SharedSpectrum

Name of the Sub\_IE: (SIB2)

]],

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

ssb-PositionQCL-Common-r17 SSB-PositionQCL-Relation-r17 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (SIB2)

]],

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

smtc4list-r17 SSB-MTC4List-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

]]

Name of the Sub\_IE: (SIB2)

},

Name of the Sub\_IE: (SIB2)

...,

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

relaxedMeasurement-r16 SEQUENCE {

Name of the Sub\_IE: (SIB2)

lowMobilityEvaluation-r16 SEQUENCE {

Name of the Sub\_IE: (SIB2)

s-SearchDeltaP-r16 ENUMERATED {

Name of the Sub\_IE: (SIB2)

dB3, dB6, dB9, dB12, dB15,

Name of the Sub\_IE: (SIB2)

spare3, spare2, spare1},

Name of the Sub\_IE: (SIB2)

t-SearchDeltaP-r16 ENUMERATED {

Name of the Sub\_IE: (SIB2)

s5, s10, s20, s30, s60, s120, s180,

Name of the Sub\_IE: (SIB2)

s240, s300, spare7, spare6, spare5,

Name of the Sub\_IE: (SIB2)

spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SIB2)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

cellEdgeEvaluation-r16 SEQUENCE {

Name of the Sub\_IE: (SIB2)

s-SearchThresholdP-r16 ReselectionThreshold,

Name of the Sub\_IE: (SIB2)

s-SearchThresholdQ-r16 ReselectionThresholdQ OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

combineRelaxedMeasCondition-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

highPriorityMeasRelax-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

]],

Name of the Sub\_IE: (SIB2)

[[

Name of the Sub\_IE: (SIB2)

cellEquivalentSize-r17 INTEGER(2..16) OPTIONAL, -- Cond HSDN

Name of the Sub\_IE: (SIB2)

relaxedMeasurement-r17 SEQUENCE {

Name of the Sub\_IE: (SIB2)

stationaryMobilityEvaluation-r17 SEQUENCE {

Name of the Sub\_IE: (SIB2)

s-SearchDeltaP-Stationary-r17 ENUMERATED {dB2, dB3, dB6, dB9, dB12, dB15, spare2, spare1},

Name of the Sub\_IE: (SIB2)

t-SearchDeltaP-Stationary-r17 ENUMERATED {s5, s10, s20, s30, s60, s120, s180, s240, s300, spare7, spare6, spare5,

Name of the Sub\_IE: (SIB2)

spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SIB2)

},

Name of the Sub\_IE: (SIB2)

cellEdgeEvaluationWhileStationary-r17 SEQUENCE {

Name of the Sub\_IE: (SIB2)

s-SearchThresholdP2-r17 ReselectionThreshold,

Name of the Sub\_IE: (SIB2)

s-SearchThresholdQ2-r17 ReselectionThresholdQ OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB2)

combineRelaxedMeasCondition2-r17 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB2)

]]

Name of the IE: (SIB3)

Name of the Sub\_IE: (SIB3)

intraFreqNeighCellList IntraFreqNeighCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB3)

intraFreqExcludedCellList IntraFreqExcludedCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB3)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB3)

...,

Name of the Sub\_IE: (SIB3)

[[

Name of the Sub\_IE: (SIB3)

intraFreqNeighCellList-v1610 IntraFreqNeighCellList-v1610 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB3)

intraFreqAllowedCellList-r16 IntraFreqAllowedCellList-r16 OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (SIB3)

intraFreqCAG-CellList-r16 SEQUENCE (SIZE (1..maxPLMN)) OF IntraFreqCAG-CellListPerPLMN-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB3)

]],

Name of the Sub\_IE: (SIB3)

[[

Name of the Sub\_IE: (SIB3)

intraFreqNeighHSDN-CellList-r17 IntraFreqNeighHSDN-CellList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB3)

intraFreqNeighCellList-v1710 IntraFreqNeighCellList-v1710 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB3)

]],

Name of the Sub\_IE: (SIB3)

[[

Name of the Sub\_IE: (SIB3)

channelAccessMode2-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB3)

]]

Name of the Sub\_IE: (IntraFreqNeighCellList)

IntraFreqNeighCellList SEQUENCE (SIZE (1..maxCellIntra)) OF IntraFreqNeighCellInfo

Name of the Sub\_IE: (IntraFreqNeighCellList-v1610)

IntraFreqNeighCellList-v1610 SEQUENCE (SIZE (1..maxCellIntra)) OF IntraFreqNeighCellInfo-v1610

Name of the Sub\_IE: (IntraFreqNeighCellList-v1710)

IntraFreqNeighCellList-v1710 SEQUENCE (SIZE (1..maxCellIntra)) OF IntraFreqNeighCellInfo-v1710

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

physCellId PhysCellId,

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

q-OffsetCell Q-OffsetRange,

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

q-RxLevMinOffsetCell INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

q-RxLevMinOffsetCellSUL INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

q-QualMinOffsetCell INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (IntraFreqNeighCellInfo)

...

Name of the Sub\_IE: (IntraFreqNeighCellInfo-v1610)

ssb-PositionQCL-r16 SSB-PositionQCL-Relation-r16 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (IntraFreqNeighCellInfo-v1710)

ssb-PositionQCL-r17 SSB-PositionQCL-Relation-r17 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (IntraFreqExcludedCellList)

IntraFreqExcludedCellList SEQUENCE (SIZE (1..maxCellExcluded)) OF PCI-Range

Name of the Sub\_IE: (IntraFreqAllowedCellList-r16)

IntraFreqAllowedCellList-r16 SEQUENCE (SIZE (1..maxCellAllowed)) OF PCI-Range

Name of the Sub\_IE: (IntraFreqCAG-CellListPerPLMN-r16)

plmn-IdentityIndex-r16 INTEGER (1..maxPLMN),

Name of the Sub\_IE: (IntraFreqCAG-CellListPerPLMN-r16)

cag-CellList-r16 SEQUENCE (SIZE (1..maxCAG-Cell-r16)) OF PCI-Range

Name of the Sub\_IE: (IntraFreqNeighHSDN-CellList-r17)

IntraFreqNeighHSDN-CellList-r17 SEQUENCE (SIZE (1..maxCellIntra)) OF PCI-Range

Name of the IE: (SIB4)

Name of the Sub\_IE: (SIB4)

interFreqCarrierFreqList InterFreqCarrierFreqList,

Name of the Sub\_IE: (SIB4)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB4)

...,

Name of the Sub\_IE: (SIB4)

[[

Name of the Sub\_IE: (SIB4)

interFreqCarrierFreqList-v1610 InterFreqCarrierFreqList-v1610 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB4)

]],

Name of the Sub\_IE: (SIB4)

[[

Name of the Sub\_IE: (SIB4)

interFreqCarrierFreqList-v1700 InterFreqCarrierFreqList-v1700 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB4)

]],

Name of the Sub\_IE: (SIB4)

[[

Name of the Sub\_IE: (SIB4)

interFreqCarrierFreqList-v1720 InterFreqCarrierFreqList-v1720 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB4)

]],

Name of the Sub\_IE: (SIB4)

[[

Name of the Sub\_IE: (SIB4)

interFreqCarrierFreqList-v1730 InterFreqCarrierFreqList-v1730 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB4)

]]

Name of the Sub\_IE: (InterFreqCarrierFreqList)

InterFreqCarrierFreqList SEQUENCE (SIZE (1..maxFreq)) OF InterFreqCarrierFreqInfo

Name of the Sub\_IE: (InterFreqCarrierFreqList-v1610)

InterFreqCarrierFreqList-v1610 SEQUENCE (SIZE (1..maxFreq)) OF InterFreqCarrierFreqInfo-v1610

Name of the Sub\_IE: (InterFreqCarrierFreqList-v1700)

InterFreqCarrierFreqList-v1700 SEQUENCE (SIZE (1..maxFreq)) OF InterFreqCarrierFreqInfo-v1700

Name of the Sub\_IE: (InterFreqCarrierFreqList-v1720)

InterFreqCarrierFreqList-v1720 SEQUENCE (SIZE (1..maxFreq)) OF InterFreqCarrierFreqInfo-v1720

Name of the Sub\_IE: (InterFreqCarrierFreqList-v1730)

InterFreqCarrierFreqList-v1730 SEQUENCE (SIZE (1..maxFreq)) OF InterFreqCarrierFreqInfo-v1730

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

dl-CarrierFreq ARFCN-ValueNR,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

frequencyBandList MultiFrequencyBandListNR-SIB OPTIONAL, -- Cond Mandatory

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

frequencyBandListSUL MultiFrequencyBandListNR-SIB OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

nrofSS-BlocksToAverage INTEGER (2..maxNrofSS-BlocksToAverage) OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

absThreshSS-BlocksConsolidation ThresholdNR OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

smtc SSB-MTC OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

ssbSubcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

ssb-ToMeasure SSB-ToMeasure OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

deriveSSB-IndexFromCell BOOLEAN,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

ss-RSSI-Measurement SS-RSSI-Measurement OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

q-RxLevMin Q-RxLevMin,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

q-RxLevMinSUL Q-RxLevMin OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

q-QualMin Q-QualMin OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

p-Max P-Max OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

t-ReselectionNR T-Reselection,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

t-ReselectionNR-SF SpeedStateScaleFactors OPTIONAL, -- Need S

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

threshX-HighP ReselectionThreshold,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

threshX-LowP ReselectionThreshold,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

threshX-Q SEQUENCE {

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

threshX-HighQ ReselectionThresholdQ,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

threshX-LowQ ReselectionThresholdQ

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

} OPTIONAL, -- Cond RSRQ

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

cellReselectionPriority CellReselectionPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

cellReselectionSubPriority CellReselectionSubPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

q-OffsetFreq Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

interFreqNeighCellList InterFreqNeighCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

interFreqExcludedCellList InterFreqExcludedCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo)

...

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1610)

interFreqNeighCellList-v1610 InterFreqNeighCellList-v1610 OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1610)

smtc2-LP-r16 SSB-MTC2-LP-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1610)

interFreqAllowedCellList-r16 InterFreqAllowedCellList-r16 OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1610)

ssb-PositionQCL-Common-r16 SSB-PositionQCL-Relation-r16 OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1610)

interFreqCAG-CellList-r16 SEQUENCE (SIZE (1..maxPLMN)) OF InterFreqCAG-CellListPerPLMN-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1700)

interFreqNeighHSDN-CellList-r17 InterFreqNeighHSDN-CellList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1700)

highSpeedMeasInterFreq-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1700)

redCapAccessAllowed-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1700)

ssb-PositionQCL-Common-r17 SSB-PositionQCL-Relation-r17 OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1700)

interFreqNeighCellList-v1710 InterFreqNeighCellList-v1710 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1720)

smtc4list-r17 SSB-MTC4List-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (InterFreqCarrierFreqInfo-v1730)

channelAccessMode2-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (InterFreqNeighHSDN-CellList-r17)

InterFreqNeighHSDN-CellList-r17 SEQUENCE (SIZE (1..maxCellInter)) OF PCI-Range

Name of the Sub\_IE: (InterFreqNeighCellList)

InterFreqNeighCellList SEQUENCE (SIZE (1..maxCellInter)) OF InterFreqNeighCellInfo

Name of the Sub\_IE: (InterFreqNeighCellList-v1610)

InterFreqNeighCellList-v1610 SEQUENCE (SIZE (1..maxCellInter)) OF InterFreqNeighCellInfo-v1610

Name of the Sub\_IE: (InterFreqNeighCellList-v1710)

InterFreqNeighCellList-v1710 SEQUENCE (SIZE (1..maxCellInter)) OF InterFreqNeighCellInfo-v1710

Name of the Sub\_IE: (InterFreqNeighCellInfo)

physCellId PhysCellId,

Name of the Sub\_IE: (InterFreqNeighCellInfo)

q-OffsetCell Q-OffsetRange,

Name of the Sub\_IE: (InterFreqNeighCellInfo)

q-RxLevMinOffsetCell INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqNeighCellInfo)

q-RxLevMinOffsetCellSUL INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqNeighCellInfo)

q-QualMinOffsetCell INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (InterFreqNeighCellInfo)

...

Name of the Sub\_IE: (InterFreqNeighCellInfo-v1610)

ssb-PositionQCL-r16 SSB-PositionQCL-Relation-r16 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (InterFreqNeighCellInfo-v1710)

ssb-PositionQCL-r17 SSB-PositionQCL-Relation-r17 OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (InterFreqExcludedCellList)

InterFreqExcludedCellList SEQUENCE (SIZE (1..maxCellExcluded)) OF PCI-Range

Name of the Sub\_IE: (InterFreqAllowedCellList-r16)

InterFreqAllowedCellList-r16 SEQUENCE (SIZE (1..maxCellAllowed)) OF PCI-Range

Name of the Sub\_IE: (InterFreqCAG-CellListPerPLMN-r16)

plmn-IdentityIndex-r16 INTEGER (1..maxPLMN),

Name of the Sub\_IE: (InterFreqCAG-CellListPerPLMN-r16)

cag-CellList-r16 SEQUENCE (SIZE (1..maxCAG-Cell-r16)) OF PCI-Range

Name of the IE: (SIB5)

Name of the Sub\_IE: (SIB5)

carrierFreqListEUTRA CarrierFreqListEUTRA OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB5)

t-ReselectionEUTRA T-Reselection,

Name of the Sub\_IE: (SIB5)

t-ReselectionEUTRA-SF SpeedStateScaleFactors OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB5)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB5)

...,

Name of the Sub\_IE: (SIB5)

[[

Name of the Sub\_IE: (SIB5)

carrierFreqListEUTRA-v1610 CarrierFreqListEUTRA-v1610 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB5)

]],

Name of the Sub\_IE: (SIB5)

[[

Name of the Sub\_IE: (SIB5)

carrierFreqListEUTRA-v1700 CarrierFreqListEUTRA-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB5)

idleModeMeasVoiceFallback-r17 ENUMERATED{true} OPTIONAL -- Need R

Name of the Sub\_IE: (SIB5)

]]

Name of the Sub\_IE: (CarrierFreqListEUTRA)

CarrierFreqListEUTRA SEQUENCE (SIZE (1..maxEUTRA-Carrier)) OF CarrierFreqEUTRA

Name of the Sub\_IE: (CarrierFreqListEUTRA-v1610)

CarrierFreqListEUTRA-v1610 SEQUENCE (SIZE (1..maxEUTRA-Carrier)) OF CarrierFreqEUTRA-v1610

Name of the Sub\_IE: (CarrierFreqListEUTRA-v1700)

CarrierFreqListEUTRA-v1700 SEQUENCE (SIZE (1..maxEUTRA-Carrier)) OF CarrierFreqEUTRA-v1700

Name of the Sub\_IE: (CarrierFreqEUTRA)

carrierFreq ARFCN-ValueEUTRA,

Name of the Sub\_IE: (CarrierFreqEUTRA)

eutra-multiBandInfoList EUTRA-MultiBandInfoList OPTIONAL, -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA)

eutra-FreqNeighCellList EUTRA-FreqNeighCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA)

eutra-ExcludedCellList EUTRA-FreqExcludedCellList OPTIONAL, -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA)

allowedMeasBandwidth EUTRA-AllowedMeasBandwidth,

Name of the Sub\_IE: (CarrierFreqEUTRA)

presenceAntennaPort1 EUTRA-PresenceAntennaPort1,

Name of the Sub\_IE: (CarrierFreqEUTRA)

cellReselectionPriority CellReselectionPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA)

cellReselectionSubPriority CellReselectionSubPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA)

threshX-High ReselectionThreshold,

Name of the Sub\_IE: (CarrierFreqEUTRA)

threshX-Low ReselectionThreshold,

Name of the Sub\_IE: (CarrierFreqEUTRA)

q-RxLevMin INTEGER (-70..-22),

Name of the Sub\_IE: (CarrierFreqEUTRA)

q-QualMin INTEGER (-34..-3),

Name of the Sub\_IE: (CarrierFreqEUTRA)

p-MaxEUTRA INTEGER (-30..33),

Name of the Sub\_IE: (CarrierFreqEUTRA)

threshX-Q SEQUENCE {

Name of the Sub\_IE: (CarrierFreqEUTRA)

threshX-HighQ ReselectionThresholdQ,

Name of the Sub\_IE: (CarrierFreqEUTRA)

threshX-LowQ ReselectionThresholdQ

Name of the Sub\_IE: (CarrierFreqEUTRA)

} OPTIONAL -- Cond RSRQ

Name of the Sub\_IE: (CarrierFreqEUTRA-v1610)

highSpeedEUTRACarrier-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (CarrierFreqEUTRA-v1700)

eutra-FreqNeighHSDN-CellList-r17 EUTRA-FreqNeighHSDN-CellList-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (EUTRA-FreqNeighHSDN-CellList-r17)

EUTRA-FreqNeighHSDN-CellList-r17 SEQUENCE (SIZE (1..maxCellEUTRA)) OF EUTRA-PhysCellIdRange

Name of the Sub\_IE: (EUTRA-FreqExcludedCellList)

EUTRA-FreqExcludedCellList SEQUENCE (SIZE (1..maxEUTRA-CellExcluded)) OF EUTRA-PhysCellIdRange

Name of the Sub\_IE: (EUTRA-FreqNeighCellList)

EUTRA-FreqNeighCellList SEQUENCE (SIZE (1..maxCellEUTRA)) OF EUTRA-FreqNeighCellInfo

Name of the Sub\_IE: (EUTRA-FreqNeighCellInfo)

physCellId EUTRA-PhysCellId,

Name of the Sub\_IE: (EUTRA-FreqNeighCellInfo)

dummy EUTRA-Q-OffsetRange,

Name of the Sub\_IE: (EUTRA-FreqNeighCellInfo)

q-RxLevMinOffsetCell INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (EUTRA-FreqNeighCellInfo)

q-QualMinOffsetCell INTEGER (1..8) OPTIONAL -- Need R

Name of the IE: (SIB6)

Name of the Sub\_IE: (SIB6)

messageIdentifier BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB6)

serialNumber BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB6)

warningType OCTET STRING (SIZE (2)),

Name of the Sub\_IE: (SIB6)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB6)

...

Name of the IE: (SIB7)

Name of the Sub\_IE: (SIB7)

messageIdentifier BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB7)

serialNumber BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB7)

warningMessageSegmentType ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (SIB7)

warningMessageSegmentNumber INTEGER (0..63),

Name of the Sub\_IE: (SIB7)

warningMessageSegment OCTET STRING,

Name of the Sub\_IE: (SIB7)

dataCodingScheme OCTET STRING (SIZE (1)) OPTIONAL, -- Cond Segment1

Name of the Sub\_IE: (SIB7)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB7)

...

Name of the IE: (SIB8)

Name of the Sub\_IE: (SIB8)

messageIdentifier BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB8)

serialNumber BIT STRING (SIZE (16)),

Name of the Sub\_IE: (SIB8)

warningMessageSegmentType ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (SIB8)

warningMessageSegmentNumber INTEGER (0..63),

Name of the Sub\_IE: (SIB8)

warningMessageSegment OCTET STRING,

Name of the Sub\_IE: (SIB8)

dataCodingScheme OCTET STRING (SIZE (1)) OPTIONAL, -- Cond Segment1

Name of the Sub\_IE: (SIB8)

warningAreaCoordinatesSegment OCTET STRING OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB8)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB8)

...

Name of the IE: (SIB9)

Name of the Sub\_IE: (SIB9)

timeInfo SEQUENCE {

Name of the Sub\_IE: (SIB9)

timeInfoUTC INTEGER (0..549755813887),

Name of the Sub\_IE: (SIB9)

dayLightSavingTime BIT STRING (SIZE (2)) OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB9)

leapSeconds INTEGER (-127..128) OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB9)

localTimeOffset INTEGER (-63..64) OPTIONAL -- Need R

Name of the Sub\_IE: (SIB9)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB9)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB9)

...,

Name of the Sub\_IE: (SIB9)

[[

Name of the Sub\_IE: (SIB9)

referenceTimeInfo-r16 ReferenceTimeInfo-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB9)

]]

Name of the IE: (SIB10)

Name of the Sub\_IE: (SIB10-r16)

hrnn-List-r16 HRNN-List-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB10-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB10-r16)

...

Name of the Sub\_IE: (HRNN-List-r16)

HRNN-List-r16 SEQUENCE (SIZE (1..maxNPN-r16)) OF HRNN-r16

Name of the Sub\_IE: (HRNN-r16)

hrnn-r16 OCTET STRING (SIZE(1.. maxHRNN-Len-r16)) OPTIONAL -- Need R

Name of the IE: (SIB11)

Name of the Sub\_IE: (SIB11-r16)

measIdleConfigSIB-r16 MeasIdleConfigSIB-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB11-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB11-r16)

...

Name of the IE: (SIB12)

Name of the Sub\_IE: (SIB12-r16)

segmentNumber-r16 INTEGER (0..63),

Name of the Sub\_IE: (SIB12-r16)

segmentType-r16 ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (SIB12-r16)

segmentContainer-r16 OCTET STRING

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-ConfigCommonNR-r16 SL-ConfigCommonNR-r16,

Name of the Sub\_IE: (SIB12-IEs-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB12-IEs-r16)

...,

Name of the Sub\_IE: (SIB12-IEs-r16)

[[

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-DRX-ConfigCommonGC-BC-r17 SL-DRX-ConfigGC-BC-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-DiscConfigCommon-r17 SL-DiscConfigCommon-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-L2U2N-Relay-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-NonRelayDiscovery-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-L3U2N-RelayDiscovery-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

sl-TimersAndConstantsRemoteUE-r17 UE-TimersAndConstantsRemoteUE-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB12-IEs-r16)

]]

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-FreqInfoList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-FreqConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-UE-SelectedConfig-r16 SL-UE-SelectedConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-NR-AnchorCarrierFreqList-r16 SL-NR-AnchorCarrierFreqList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-EUTRA-AnchorCarrierFreqList-r16 SL-EUTRA-AnchorCarrierFreqList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-RadioBearerConfigList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SL-RadioBearerConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-RLC-BearerConfigList-r16 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-BearerConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-MeasConfigCommon-r16 SL-MeasConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-CSI-Acquisition-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-OffsetDFN-r16 INTEGER (1..1000) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

t400-r16 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-MaxNumConsecutiveDTX-r16 ENUMERATED {n1, n2, n3, n4, n6, n8, n16, n32} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfigCommonNR-r16)

sl-SSB-PriorityNR-r16 INTEGER (1..8) OPTIONAL -- Need R

Name of the Sub\_IE: (SL-NR-AnchorCarrierFreqList-r16)

SL-NR-AnchorCarrierFreqList-r16 SEQUENCE (SIZE (1..maxFreqSL-NR-r16)) OF ARFCN-ValueNR

Name of the Sub\_IE: (SL-EUTRA-AnchorCarrierFreqList-r16)

SL-EUTRA-AnchorCarrierFreqList-r16 SEQUENCE (SIZE (1..maxFreqSL-EUTRA-r16)) OF ARFCN-ValueEUTRA

Name of the Sub\_IE: (SL-DiscConfigCommon-r17)

sl-RelayUE-ConfigCommon-r17 SL-RelayUE-Config-r17,

Name of the Sub\_IE: (SL-DiscConfigCommon-r17)

sl-RemoteUE-ConfigCommon-r17 SL-RemoteUE-Config-r17

Name of the IE: (SIB13)

Name of the Sub\_IE: (SIB13-r16)

sl-V2X-ConfigCommon-r16 OCTET STRING,

Name of the Sub\_IE: (SIB13-r16)

dummy OCTET STRING,

Name of the Sub\_IE: (SIB13-r16)

tdd-Config-r16 OCTET STRING,

Name of the Sub\_IE: (SIB13-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB13-r16)

...

Name of the IE: (SIB14)

Name of the Sub\_IE: (SIB14-r16)

sl-V2X-ConfigCommonExt-r16 OCTET STRING,

Name of the Sub\_IE: (SIB14-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB14-r16)

...

Name of the IE: (SIB15)

Name of the Sub\_IE: (SIB15-r17)

commonPLMNsWithDisasterCondition-r17 SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB15-r17)

applicableDisasterInfoList-r17 SEQUENCE (SIZE (1..maxPLMN)) OF ApplicableDisasterInfo-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB15-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB15-r17)

...

Name of the Sub\_IE: (ApplicableDisasterInfo-r17)

noDisasterRoaming-r17 NULL,

Name of the Sub\_IE: (ApplicableDisasterInfo-r17)

disasterRelatedIndication-r17 NULL,

Name of the Sub\_IE: (ApplicableDisasterInfo-r17)

commonPLMNs-r17 NULL,

Name of the Sub\_IE: (ApplicableDisasterInfo-r17)

dedicatedPLMNs-r17 SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity

Name of the IE: (SIB16)

Name of the Sub\_IE: (SIB16-r17)

freqPriorityListSlicing-r17 FreqPriorityListSlicing-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB16-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB16-r17)

...

Name of the IE: (SIB17)

Name of the Sub\_IE: (SIB17-r17)

segmentNumber-r17 INTEGER (0..63),

Name of the Sub\_IE: (SIB17-r17)

segmentType-r17 ENUMERATED {notLastSegment, lastSegment},

Name of the Sub\_IE: (SIB17-r17)

segmentContainer-r17 OCTET STRING

Name of the Sub\_IE: (SIB17-IEs-r17)

trs-ResourceSetConfig-r17 SEQUENCE (SIZE (1..maxNrofTRS-ResourceSets-r17)) OF TRS-ResourceSet-r17,

Name of the Sub\_IE: (SIB17-IEs-r17)

validityDuration-r17 ENUMERATED {t1, t2, t4, t8, t16, t32, t64, t128, t256, t512, infinity, spare5, spare4, spare3, spare2,

Name of the Sub\_IE: (SIB17-IEs-r17)

spare1} OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB17-IEs-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB17-IEs-r17)

...

Name of the Sub\_IE: (TRS-ResourceSet-r17)

powerControlOffsetSS-r17 ENUMERATED {db-3, db0, db3, db6},

Name of the Sub\_IE: (TRS-ResourceSet-r17)

scramblingID-Info-r17 CHOICE {

Name of the Sub\_IE: (TRS-ResourceSet-r17)

scramblingIDforCommon-r17 ScramblingId,

Name of the Sub\_IE: (TRS-ResourceSet-r17)

scramblingIDperResourceListWith2-r17 SEQUENCE (SIZE (2)) OF ScramblingId,

Name of the Sub\_IE: (TRS-ResourceSet-r17)

scramblingIDperResourceListWith4-r17 SEQUENCE (SIZE (4)) OF ScramblingId,

Name of the Sub\_IE: (TRS-ResourceSet-r17)

...

Name of the Sub\_IE: (TRS-ResourceSet-r17)

},

Name of the Sub\_IE: (TRS-ResourceSet-r17)

firstOFDMSymbolInTimeDomain-r17 INTEGER (0..9),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

startingRB-r17 INTEGER (0..maxNrofPhysicalResourceBlocks-1),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

nrofRBs-r17 INTEGER (24..maxNrofPhysicalResourceBlocksPlus1),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

ssb-Index-r17 SSB-Index,

Name of the Sub\_IE: (TRS-ResourceSet-r17)

periodicityAndOffset-r17 CHOICE {

Name of the Sub\_IE: (TRS-ResourceSet-r17)

slots10 INTEGER (0..9),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

slots20 INTEGER (0..19),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

slots40 INTEGER (0..39),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

slots80 INTEGER (0..79)

Name of the Sub\_IE: (TRS-ResourceSet-r17)

},

Name of the Sub\_IE: (TRS-ResourceSet-r17)

frequencyDomainAllocation-r17 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

indBitID-r17 INTEGER (0..5),

Name of the Sub\_IE: (TRS-ResourceSet-r17)

nrofResources-r17 ENUMERATED {n2, n4}

Name of the IE: (SIB18)

Name of the Sub\_IE: (SIB18-r17)

gin-ElementList-r17 SEQUENCE (SIZE (1..maxGIN-r17)) OF GIN-Element-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB18-r17)

gins-PerSNPN-List-r17 SEQUENCE (SIZE (1..maxNPN-r16)) OF GINs-PerSNPN-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB18-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB18-r17)

...

Name of the Sub\_IE: (GIN-Element-r17)

plmn-Identity-r17 PLMN-Identity,

Name of the Sub\_IE: (GIN-Element-r17)

nid-List-r17 SEQUENCE (SIZE (1..maxGIN-r17)) OF NID-r16

Name of the Sub\_IE: (GINs-PerSNPN-r17)

supportedGINs-r17 BIT STRING (SIZE (1..maxGIN-r17)) OPTIONAL -- Need R

Name of the IE: (SIB19)

Name of the Sub\_IE: (SIB19-r17)

ntn-Config-r17 NTN-Config-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB19-r17)

t-Service-r17 INTEGER (0..549755813887) OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB19-r17)

referenceLocation-r17 ReferenceLocation-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB19-r17)

distanceThresh-r17 INTEGER(0..65525) OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB19-r17)

ntn-NeighCellConfigList-r17 NTN-NeighCellConfigList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB19-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB19-r17)

...,

Name of the Sub\_IE: (SIB19-r17)

[[

Name of the Sub\_IE: (SIB19-r17)

ntn-NeighCellConfigListExt-v1720 NTN-NeighCellConfigList-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB19-r17)

]]

Name of the Sub\_IE: (NTN-NeighCellConfigList-r17)

NTN-NeighCellConfigList-r17 SEQUENCE (SIZE(1..maxCellNTN-r17)) OF NTN-NeighCellConfig-r17

Name of the Sub\_IE: (NTN-NeighCellConfig-r17)

ntn-Config-r17 NTN-Config-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-NeighCellConfig-r17)

carrierFreq-r17 ARFCN-ValueNR OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-NeighCellConfig-r17)

physCellId-r17 PhysCellId OPTIONAL -- Need R

Name of the IE: (SIB20)

Name of the Sub\_IE: (SIB20-r17)

mcch-Config-r17 MCCH-Config-r17,

Name of the Sub\_IE: (SIB20-r17)

cfr-ConfigMCCH-MTCH-r17 CFR-ConfigMCCH-MTCH-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (SIB20-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB20-r17)

...

Name of the Sub\_IE: (MCCH-Config-r17)

mcch-RepetitionPeriodAndOffset-r17 MCCH-RepetitionPeriodAndOffset-r17,

Name of the Sub\_IE: (MCCH-Config-r17)

mcch-WindowStartSlot-r17 INTEGER (0..79),

Name of the Sub\_IE: (MCCH-Config-r17)

mcch-WindowDuration-r17 ENUMERATED {sl2, sl4, sl8, sl10, sl20, sl40,sl80, sl160} OPTIONAL, -- Need S

Name of the Sub\_IE: (MCCH-Config-r17)

mcch-ModificationPeriod-r17 ENUMERATED {rf2, rf4, rf8, rf16, rf32, rf64, rf128, rf256,

Name of the Sub\_IE: (MCCH-Config-r17)

rf512, rf1024, r2048, rf4096, rf8192, rf16384, rf32768, rf65536}

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf1-r17 INTEGER(0),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf2-r17 INTEGER(0..1),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf4-r17 INTEGER(0..3),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf8-r17 INTEGER(0..7),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf16-r17 INTEGER(0..15),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf32-r17 INTEGER(0..31),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf64-r17 INTEGER(0..63),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf128-r17 INTEGER(0..127),

Name of the Sub\_IE: (MCCH-RepetitionPeriodAndOffset-r17)

rf256-r17 INTEGER(0..255)

Name of the IE: (SIB21)

Name of the Sub\_IE: (SIB21-r17)

mbs-FSAI-IntraFreq-r17 MBS-FSAI-List-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB21-r17)

mbs-FSAI-InterFreqList-r17 MBS-FSAI-InterFreqList-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB21-r17)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIB21-r17)

...

Name of the Sub\_IE: (MBS-FSAI-List-r17)

MBS-FSAI-List-r17 SEQUENCE (SIZE (1..maxFSAI-MBS-r17)) OF MBS-FSAI-r17

Name of the Sub\_IE: (MBS-FSAI-InterFreqList-r17)

MBS-FSAI-InterFreqList-r17 SEQUENCE (SIZE (1..maxFreq)) OF MBS-FSAI-InterFreq-r17

Name of the Sub\_IE: (MBS-FSAI-InterFreq-r17)

dl-CarrierFreq-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (MBS-FSAI-InterFreq-r17)

mbs-FSAI-List-r17 MBS-FSAI-List-r17

Name of the IE: (POSSYSTEMINFORMATION-R16-IES)

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSIB-TypeAndInfo-r16 SEQUENCE (SIZE (1..maxSIB)) OF CHOICE {

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-2-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-3-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-4-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-5-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-6-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-7-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-8-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-2-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-3-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-4-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-5-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-6-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-7-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-8-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-9-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-10-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-11-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-12-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-13-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-14-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-15-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-16-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-17-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-18-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-19-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-20-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-21-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-22-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-23-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib3-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib4-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib5-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-1-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-2-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-3-r16 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

... ,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-9-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib1-10-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-24-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib2-25-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-4-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-5-v1700 SIBpos-r16,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

posSib6-6-v1700 SIBpos-r16

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

},

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (PosSystemInformation-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (POSSI-SCHEDULINGINFO)

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

posSchedulingInfoList-r16 SEQUENCE (SIZE (1..maxSI-Message)) OF PosSchedulingInfo-r16,

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

posSI-RequestConfig-r16 SI-RequestConfig OPTIONAL, -- Cond MSG-1

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

posSI-RequestConfigSUL-r16 SI-RequestConfig OPTIONAL, -- Cond SUL-MSG-1

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

...,

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

[[

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

posSI-RequestConfigRedCap-r17 SI-RequestConfig OPTIONAL -- Cond REDCAP-MSG-1

Name of the Sub\_IE: (PosSI-SchedulingInfo-r16)

]]

Name of the Sub\_IE: (PosSchedulingInfo-r16)

offsetToSI-Used-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PosSchedulingInfo-r16)

posSI-Periodicity-r16 ENUMERATED {rf8, rf16, rf32, rf64, rf128, rf256, rf512},

Name of the Sub\_IE: (PosSchedulingInfo-r16)

posSI-BroadcastStatus-r16 ENUMERATED {broadcasting, notBroadcasting},

Name of the Sub\_IE: (PosSchedulingInfo-r16)

posSIB-MappingInfo-r16 PosSIB-MappingInfo-r16,

Name of the Sub\_IE: (PosSchedulingInfo-r16)

...

Name of the Sub\_IE: (PosSIB-MappingInfo-r16)

PosSIB-MappingInfo-r16 SEQUENCE (SIZE (1..maxSIB)) OF PosSIB-Type-r16

Name of the Sub\_IE: (PosSIB-Type-r16)

encrypted-r16 ENUMERATED { true } OPTIONAL, -- Need R

Name of the Sub\_IE: (PosSIB-Type-r16)

gnss-id-r16 GNSS-ID-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (PosSIB-Type-r16)

sbas-id-r16 SBAS-ID-r16 OPTIONAL, -- Cond GNSS-ID-SBAS

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType-r16 ENUMERATED { posSibType1-1, posSibType1-2, posSibType1-3, posSibType1-4, posSibType1-5, posSibType1-6,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType1-7, posSibType1-8, posSibType2-1, posSibType2-2, posSibType2-3, posSibType2-4,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType2-5, posSibType2-6, posSibType2-7, posSibType2-8, posSibType2-9, posSibType2-10,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType2-11, posSibType2-12, posSibType2-13, posSibType2-14, posSibType2-15,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType2-16, posSibType2-17, posSibType2-18, posSibType2-19, posSibType2-20,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType2-21, posSibType2-22, posSibType2-23, posSibType3-1, posSibType4-1,

Name of the Sub\_IE: (PosSIB-Type-r16)

posSibType5-1,posSibType6-1, posSibType6-2, posSibType6-3,... },

Name of the Sub\_IE: (PosSIB-Type-r16)

areaScope-r16 ENUMERATED {true} OPTIONAL -- Need S

Name of the Sub\_IE: (GNSS-ID-r16)

gnss-id-r16 ENUMERATED{gps, sbas, qzss, galileo, glonass, bds, ...},

Name of the Sub\_IE: (GNSS-ID-r16)

...

Name of the Sub\_IE: (SBAS-ID-r16)

sbas-id-r16 ENUMERATED { waas, egnos, msas, gagan, ...},

Name of the Sub\_IE: (SBAS-ID-r16)

...

Name of the IE: (SIPOS)

Name of the Sub\_IE: (SIBpos-r16)

assistanceDataSIB-Element-r16 OCTET STRING,

Name of the Sub\_IE: (SIBpos-r16)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SIBpos-r16)

...

Name of the IE: (ADDITIONALSPECTRUMEMISSION)

Name of the IE: (ALPHA)

Name of the Sub\_IE: (Alpha)

Alpha ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1}

Name of the IE: (AMF-IDENTIFIER)

Name of the IE: (ARFCN-VALUEEUTRA)

Name of the IE: (ARFCN-VALUENR)

Name of the IE: (ARFCN-ValueUTRA-FDD)

Name of the IE: (AVAILABILITYCOMBINATIONSPERCELL)

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

availabilityCombinationsPerCellIndex-r16 AvailabilityCombinationsPerCellIndex-r16,

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

iab-DU-CellIdentity-r16 CellIdentity,

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

positionInDCI-AI-r16 INTEGER(0..maxAI-DCI-PayloadSize-1-r16) OPTIONAL, -- Need M

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

availabilityCombinations-r16 SEQUENCE (SIZE (1..maxNrofAvailabilityCombinationsPerSet-r16)) OF AvailabilityCombination-r16,

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

...,

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

[[

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

availabilityCombinationsRB-Groups-r17 SEQUENCE (SIZE (1..maxNrofAvailabilityCombinationsPerSet-r16)) OF AvailabilityCombinationRB-Groups-r17 OPTIONAL -- Need M

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

]],

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

[[

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

positionInDCI-AI-RBGroups-v1720 INTEGER(0..maxAI-DCI-PayloadSize-1-r16) OPTIONAL -- Need M

Name of the Sub\_IE: (AvailabilityCombinationsPerCell-r16)

]]

Name of the Sub\_IE: (AvailabilityCombination-r16)

availabilityCombinationId-r16 AvailabilityCombinationId-r16,

Name of the Sub\_IE: (AvailabilityCombination-r16)

resourceAvailability-r16 SEQUENCE (SIZE (1..maxNrofResourceAvailabilityPerCombination-r16)) OF INTEGER (0..7)

Name of the Sub\_IE: (AvailabilityCombinationRB-Groups-r17)

availabilityCombinationId-r17 AvailabilityCombinationId-r16,

Name of the Sub\_IE: (AvailabilityCombinationRB-Groups-r17)

rb-SetGroups-r17 SEQUENCE (SIZE (1..maxNrofRB-SetGroups-r17)) OF RB-SetGroup-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (AvailabilityCombinationRB-Groups-r17)

resourceAvailability-r17 SEQUENCE (SIZE (1..maxNrofResourceAvailabilityPerCombination-r16)) OF INTEGER (0..7) OPTIONAL -- Need R

Name of the Sub\_IE: (RB-SetGroup-r17)

resourceAvailability-r17 SEQUENCE (SIZE (1..maxNrofResourceAvailabilityPerCombination-r16)) OF INTEGER (0..7) OPTIONAL, -- Need R

Name of the Sub\_IE: (RB-SetGroup-r17)

rb-Sets-r17 SEQUENCE (SIZE (1..maxNrofRB-Sets-r17)) OF INTEGER (0..7) OPTIONAL -- Need R

Name of the IE: (AVAILABILITYINDICATOR)

Name of the Sub\_IE: (AvailabilityIndicator-r16)

ai-RNTI-r16 AI-RNTI-r16,

Name of the Sub\_IE: (AvailabilityIndicator-r16)

dci-PayloadSizeAI-r16 INTEGER (1..maxAI-DCI-PayloadSize-r16),

Name of the Sub\_IE: (AvailabilityIndicator-r16)

availableCombToAddModList-r16 SEQUENCE (SIZE(1..maxNrofDUCells-r16)) OF AvailabilityCombinationsPerCell-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (AvailabilityIndicator-r16)

availableCombToReleaseList-r16 SEQUENCE (SIZE(1..maxNrofDUCells-r16)) OF AvailabilityCombinationsPerCellIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (AvailabilityIndicator-r16)

...

Name of the IE: (BAPROUTINGID)

Name of the Sub\_IE: (BAP-RoutingID-r16)

bap-Address-r16 BIT STRING (SIZE (10)),

Name of the Sub\_IE: (BAP-RoutingID-r16)

bap-PathId-r16 BIT STRING (SIZE (10))

Name of the IE: (BEAMFAILURERECOVERYCONFIG)

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

rootSequenceIndex-BFR INTEGER (0..137) OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

rach-ConfigBFR RACH-ConfigGeneric OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

rsrp-ThresholdSSB RSRP-Range OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

candidateBeamRSList SEQUENCE (SIZE(1..maxNrofCandidateBeams)) OF PRACH-ResourceDedicatedBFR OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

ssb-perRACH-Occasion ENUMERATED {oneEighth, oneFourth, oneHalf, one, two,

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

four, eight, sixteen} OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

ra-ssb-OccasionMaskIndex INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

recoverySearchSpaceId SearchSpaceId OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

ra-Prioritization RA-Prioritization OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

beamFailureRecoveryTimer ENUMERATED {ms10, ms20, ms40, ms60, ms80, ms100, ms150, ms200} OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

...,

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

[[

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

msg1-SubcarrierSpacing SubcarrierSpacing OPTIONAL -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

]],

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

[[

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

ra-PrioritizationTwoStep-r16 RA-Prioritization OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

candidateBeamRSListExt-v1610 SetupRelease{ CandidateBeamRSListExt-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

]],

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

[[

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

spCell-BFR-CBRA-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (BeamFailureRecoveryConfig)

]]

Name of the Sub\_IE: (PRACH-ResourceDedicatedBFR)

ssb BFR-SSB-Resource,

Name of the Sub\_IE: (PRACH-ResourceDedicatedBFR)

csi-RS BFR-CSIRS-Resource

Name of the Sub\_IE: (BFR-SSB-Resource)

ssb SSB-Index,

Name of the Sub\_IE: (BFR-SSB-Resource)

ra-PreambleIndex INTEGER (0..63),

Name of the Sub\_IE: (BFR-SSB-Resource)

...

Name of the Sub\_IE: (BFR-CSIRS-Resource)

csi-RS NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (BFR-CSIRS-Resource)

ra-OccasionList SEQUENCE (SIZE(1..maxRA-OccasionsPerCSIRS)) OF INTEGER (0..maxRA-Occasions-1) OPTIONAL, -- Need R

Name of the Sub\_IE: (BFR-CSIRS-Resource)

ra-PreambleIndex INTEGER (0..63) OPTIONAL, -- Need R

Name of the Sub\_IE: (BFR-CSIRS-Resource)

...

Name of the Sub\_IE: (CandidateBeamRSListExt-r16)

CandidateBeamRSListExt-r16 SEQUENCE (SIZE(1.. maxNrofCandidateBeamsExt-r16)) OF PRACH-ResourceDedicatedBFR

Name of the IE: (BEAMFAILURERECOVERYRSCONFIG)

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

rsrp-ThresholdBFR-r16 RSRP-Range OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

candidateBeamRS-List-r16 SEQUENCE (SIZE(1..maxNrofCandidateBeams-r16)) OF CandidateBeamRS-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

...,

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

[[

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

candidateBeamRS-List2-r17 SEQUENCE (SIZE(1..maxNrofCandidateBeams-r16)) OF CandidateBeamRS-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (BeamFailureRecoveryRSConfig-r16)

]]

Name of the IE: (BETAOFFSETS)

Name of the Sub\_IE: (BetaOffsets)

betaOffsetACK-Index1 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetACK-Index2 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetACK-Index3 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetCSI-Part1-Index1 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetCSI-Part1-Index2 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetCSI-Part2-Index1 INTEGER(0..31) OPTIONAL, -- Need S

Name of the Sub\_IE: (BetaOffsets)

betaOffsetCSI-Part2-Index2 INTEGER(0..31) OPTIONAL -- Need S

Name of the IE: (BETAOFFSETSCROSSPRI)

Name of the Sub\_IE: (BetaOffsetsCrossPri-r17)

BetaOffsetsCrossPri-r17 SEQUENCE (SIZE(3)) OF INTEGER(0..31)

Name of the IE: (BHLOGICALCHANNELIDENTITY)

Name of the Sub\_IE: (BH-LogicalChannelIdentity-r16)

bh-LogicalChannelIdentity-r16 LogicalChannelIdentity,

Name of the Sub\_IE: (BH-LogicalChannelIdentity-r16)

bh-LogicalChannelIdentityExt-r16 BH-LogicalChannelIdentity-Ext-r16

Name of the IE: (BHLOGICALCHANNELIDENTITYEXT)

Name of the IE: (BHRLCCHANNELCONFIG)

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

bh-LogicalChannelIdentity-r16 BH-LogicalChannelIdentity-r16 OPTIONAL, -- Cond LCH-SetupOnly

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

bh-RLC-ChannelID-r16 BH-RLC-ChannelID-r16,

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

reestablishRLC-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

rlc-Config-r16 RLC-Config OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

mac-LogicalChannelConfig-r16 LogicalChannelConfig OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (BH-RLC-ChannelConfig-r16)

...

Name of the IE: (BHRLCCHANNELID)

Name of the IE: (BSR-CONFIG)

Name of the Sub\_IE: (BSR-Config)

periodicBSR-Timer ENUMERATED { sf1, sf5, sf10, sf16, sf20, sf32, sf40, sf64,

Name of the Sub\_IE: (BSR-Config)

sf80, sf128, sf160, sf320, sf640, sf1280, sf2560, infinity },

Name of the Sub\_IE: (BSR-Config)

retxBSR-Timer ENUMERATED { sf10, sf20, sf40, sf80, sf160, sf320, sf640, sf1280, sf2560,

Name of the Sub\_IE: (BSR-Config)

sf5120, sf10240, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (BSR-Config)

logicalChannelSR-DelayTimer ENUMERATED { sf20, sf40, sf64, sf128, sf512, sf1024, sf2560, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (BSR-Config)

...

Name of the IE: (BWP)

Name of the Sub\_IE: (BWP)

locationAndBandwidth INTEGER (0..37949),

Name of the Sub\_IE: (BWP)

subcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (BWP)

cyclicPrefix ENUMERATED { extended } OPTIONAL -- Need R

Name of the IE: (BWP-DOWNLINK)

Name of the Sub\_IE: (BWP-Downlink)

bwp-Id BWP-Id,

Name of the Sub\_IE: (BWP-Downlink)

bwp-Common BWP-DownlinkCommon OPTIONAL, -- Cond SetupOtherBWP

Name of the Sub\_IE: (BWP-Downlink)

bwp-Dedicated BWP-DownlinkDedicated OPTIONAL, -- Cond SetupOtherBWP

Name of the Sub\_IE: (BWP-Downlink)

...

Name of the IE: (BWP-DOWNLINKCOMMON)

Name of the Sub\_IE: (BWP-DownlinkCommon)

genericParameters BWP,

Name of the Sub\_IE: (BWP-DownlinkCommon)

pdcch-ConfigCommon SetupRelease { PDCCH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkCommon)

pdsch-ConfigCommon SetupRelease { PDSCH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkCommon)

...

Name of the IE: (BWP-DOWNLINKDEDICATED)

Name of the Sub\_IE: (BWP-DownlinkDedicated)

pdcch-Config SetupRelease { PDCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

pdsch-Config SetupRelease { PDSCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sps-Config SetupRelease { SPS-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

radioLinkMonitoringConfig SetupRelease { RadioLinkMonitoringConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

...,

Name of the Sub\_IE: (BWP-DownlinkDedicated)

[[

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sps-ConfigToAddModList-r16 SPS-ConfigToAddModList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sps-ConfigToReleaseList-r16 SPS-ConfigToReleaseList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sps-ConfigDeactivationStateList-r16 SPS-ConfigDeactivationStateList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-DownlinkDedicated)

beamFailureRecoverySCellConfig-r16 SetupRelease {BeamFailureRecoveryRSConfig-r16} OPTIONAL, -- Cond SCellOnly

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sl-PDCCH-Config-r16 SetupRelease { PDCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

sl-V2X-PDCCH-Config-r16 SetupRelease { PDCCH-Config } OPTIONAL -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

]],

Name of the Sub\_IE: (BWP-DownlinkDedicated)

[[

Name of the Sub\_IE: (BWP-DownlinkDedicated)

preConfGapStatus-r17 BIT STRING (SIZE (maxNrofGapId-r17)) OPTIONAL, -- Cond PreConfigMG

Name of the Sub\_IE: (BWP-DownlinkDedicated)

beamFailureRecoverySpCellConfig-r17 SetupRelease { BeamFailureRecoveryRSConfig-r16} OPTIONAL, -- Cond SpCellOnly

Name of the Sub\_IE: (BWP-DownlinkDedicated)

harq-FeedbackEnablingforSPSactive-r17 BOOLEAN OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-DownlinkDedicated)

cfr-ConfigMulticast-r17 SetupRelease { CFR-ConfigMulticast-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-DownlinkDedicated)

dl-PPW-PreConfigToAddModList-r17 DL-PPW-PreConfigToAddModList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-DownlinkDedicated)

dl-PPW-PreConfigToReleaseList-r17 DL-PPW-PreConfigToReleaseList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-DownlinkDedicated)

nonCellDefiningSSB-r17 NonCellDefiningSSB-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-DownlinkDedicated)

servingCellMO-r17 MeasObjectId OPTIONAL -- Cond MeasObject-NCD-SSB

Name of the Sub\_IE: (BWP-DownlinkDedicated)

]]

Name of the Sub\_IE: (SPS-ConfigToAddModList-r16)

SPS-ConfigToAddModList-r16 SEQUENCE (SIZE (1..maxNrofSPS-Config-r16)) OF SPS-Config

Name of the Sub\_IE: (SPS-ConfigToReleaseList-r16)

SPS-ConfigToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSPS-Config-r16)) OF SPS-ConfigIndex-r16

Name of the Sub\_IE: (SPS-ConfigDeactivationState-r16)

SPS-ConfigDeactivationState-r16 SEQUENCE (SIZE (1..maxNrofSPS-Config-r16)) OF SPS-ConfigIndex-r16

Name of the Sub\_IE: (SPS-ConfigDeactivationStateList-r16)

SPS-ConfigDeactivationStateList-r16 SEQUENCE (SIZE (1..maxNrofSPS-DeactivationState)) OF SPS-ConfigDeactivationState-r16

Name of the Sub\_IE: (DL-PPW-PreConfigToAddModList-r17)

DL-PPW-PreConfigToAddModList-r17 SEQUENCE (SIZE (1..maxNrofPPW-Config-r17)) OF DL-PPW-PreConfig-r17

Name of the Sub\_IE: (DL-PPW-PreConfigToReleaseList-r17)

DL-PPW-PreConfigToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofPPW-Config-r17)) OF DL-PPW-ID-r17

Name of the IE: (BWP-ID)

Name of the IE: (BWP-UPLINK)

Name of the Sub\_IE: (BWP-Uplink)

bwp-Id BWP-Id,

Name of the Sub\_IE: (BWP-Uplink)

bwp-Common BWP-UplinkCommon OPTIONAL, -- Cond SetupOtherBWP

Name of the Sub\_IE: (BWP-Uplink)

bwp-Dedicated BWP-UplinkDedicated OPTIONAL, -- Cond SetupOtherBWP

Name of the Sub\_IE: (BWP-Uplink)

...

Name of the IE: (BWP-UPLINKCOMMON)

Name of the Sub\_IE: (BWP-UplinkCommon)

genericParameters BWP,

Name of the Sub\_IE: (BWP-UplinkCommon)

rach-ConfigCommon SetupRelease { RACH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkCommon)

pusch-ConfigCommon SetupRelease { PUSCH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkCommon)

pucch-ConfigCommon SetupRelease { PUCCH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkCommon)

...,

Name of the Sub\_IE: (BWP-UplinkCommon)

[[

Name of the Sub\_IE: (BWP-UplinkCommon)

rach-ConfigCommonIAB-r16 SetupRelease { RACH-ConfigCommon } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkCommon)

useInterlacePUCCH-PUSCH-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkCommon)

msgA-ConfigCommon-r16 SetupRelease { MsgA-ConfigCommon-r16 } OPTIONAL -- Cond SpCellOnly2

Name of the Sub\_IE: (BWP-UplinkCommon)

]],

Name of the Sub\_IE: (BWP-UplinkCommon)

[[

Name of the Sub\_IE: (BWP-UplinkCommon)

enableRA-PrioritizationForSlicing-r17 BOOLEAN OPTIONAL, -- Cond RA-PrioSliceAI

Name of the Sub\_IE: (BWP-UplinkCommon)

additionalRACH-ConfigList-r17 SetupRelease { AdditionalRACH-ConfigList-r17 } OPTIONAL, -- Cond SpCellOnly2

Name of the Sub\_IE: (BWP-UplinkCommon)

rsrp-ThresholdMsg3-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkCommon)

numberOfMsg3-RepetitionsList-r17 SEQUENCE (SIZE (4)) OF NumberOfMsg3-Repetitions-r17 OPTIONAL, -- Cond Msg3Rep

Name of the Sub\_IE: (BWP-UplinkCommon)

mcs-Msg3-Repetitions-r17 SEQUENCE (SIZE (8)) OF INTEGER (0..31) OPTIONAL -- Cond Msg3Rep

Name of the Sub\_IE: (BWP-UplinkCommon)

]]

Name of the Sub\_IE: (AdditionalRACH-ConfigList-r17)

AdditionalRACH-ConfigList-r17 SEQUENCE (SIZE(1..maxAdditionalRACH-r17)) OF AdditionalRACH-Config-r17

Name of the Sub\_IE: (AdditionalRACH-Config-r17)

rach-ConfigCommon-r17 RACH-ConfigCommon OPTIONAL, -- Need R

Name of the Sub\_IE: (AdditionalRACH-Config-r17)

msgA-ConfigCommon-r17 MsgA-ConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (AdditionalRACH-Config-r17)

...

Name of the Sub\_IE: (NumberOfMsg3-Repetitions-r17)

NumberOfMsg3-Repetitions-r17 ENUMERATED {n1, n2, n3, n4, n7, n8, n12, n16}

Name of the IE: (BWP-UPLINKDEDICATED)

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-Config SetupRelease { PUCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

pusch-Config SetupRelease { PUSCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

configuredGrantConfig SetupRelease { ConfiguredGrantConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

srs-Config SetupRelease { SRS-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

beamFailureRecoveryConfig SetupRelease { BeamFailureRecoveryConfig } OPTIONAL, -- Cond SpCellOnly

Name of the Sub\_IE: (BWP-UplinkDedicated)

...,

Name of the Sub\_IE: (BWP-UplinkDedicated)

[[

Name of the Sub\_IE: (BWP-UplinkDedicated)

sl-PUCCH-Config-r16 SetupRelease { PUCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

cp-ExtensionC2-r16 INTEGER (1..28) OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkDedicated)

cp-ExtensionC3-r16 INTEGER (1..28) OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkDedicated)

useInterlacePUCCH-PUSCH-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-ConfigurationList-r16 SetupRelease { PUCCH-ConfigurationList-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

lbt-FailureRecoveryConfig-r16 SetupRelease { LBT-FailureRecoveryConfig-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

configuredGrantConfigToAddModList-r16 ConfiguredGrantConfigToAddModList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

configuredGrantConfigToReleaseList-r16 ConfiguredGrantConfigToReleaseList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

configuredGrantConfigType2DeactivationStateList-r16 ConfiguredGrantConfigType2DeactivationStateList-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (BWP-UplinkDedicated)

]],

Name of the Sub\_IE: (BWP-UplinkDedicated)

[[

Name of the Sub\_IE: (BWP-UplinkDedicated)

ul-TCI-StateList-r17 CHOICE {

Name of the Sub\_IE: (BWP-UplinkDedicated)

explicitlist SEQUENCE {

Name of the Sub\_IE: (BWP-UplinkDedicated)

ul-TCI-ToAddModList-r17 SEQUENCE (SIZE (1..maxUL-TCI-r17)) OF TCI-UL-State-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

ul-TCI-ToReleaseList-r17 SEQUENCE (SIZE (1..maxUL-TCI-r17)) OF TCI-UL-StateId-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

},

Name of the Sub\_IE: (BWP-UplinkDedicated)

unifiedTCI-StateRef-r17 ServingCellAndBWP-Id-r17

Name of the Sub\_IE: (BWP-UplinkDedicated)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (BWP-UplinkDedicated)

ul-powerControl-r17 Uplink-powerControlId-r17 OPTIONAL, -- Cond NoTCI-PC

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-ConfigurationListMulticast1-r17 SetupRelease { PUCCH-ConfigurationList-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-ConfigurationListMulticast2-r17 SetupRelease { PUCCH-ConfigurationList-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

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Name of the Sub\_IE: (BWP-UplinkDedicated)

[[

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-ConfigMulticast1-r17 SetupRelease { PUCCH-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

pucch-ConfigMulticast2-r17 SetupRelease { PUCCH-Config } OPTIONAL -- Need M

Name of the Sub\_IE: (BWP-UplinkDedicated)

]],

Name of the Sub\_IE: (BWP-UplinkDedicated)

[[

Name of the Sub\_IE: (BWP-UplinkDedicated)

pathlossReferenceRSToAddModList-r17 SEQUENCE (SIZE (1..maxNrofPathlossReferenceRSs-r17)) OF PathlossReferenceRS-r17

Name of the Sub\_IE: (BWP-UplinkDedicated)

OPTIONAL, -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

pathlossReferenceRSToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofPathlossReferenceRSs-r17)) OF PathlossReferenceRS-Id-r17

Name of the Sub\_IE: (BWP-UplinkDedicated)

OPTIONAL -- Need N

Name of the Sub\_IE: (BWP-UplinkDedicated)

]]

Name of the Sub\_IE: (ConfiguredGrantConfigToAddModList-r16)

ConfiguredGrantConfigToAddModList-r16 SEQUENCE (SIZE (1..maxNrofConfiguredGrantConfig-r16)) OF ConfiguredGrantConfig

Name of the Sub\_IE: (ConfiguredGrantConfigToReleaseList-r16)

ConfiguredGrantConfigToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofConfiguredGrantConfig-r16)) OF ConfiguredGrantConfigIndex-r16

Name of the Sub\_IE: (ConfiguredGrantConfigType2DeactivationState-r16)

ConfiguredGrantConfigType2DeactivationState-r16 SEQUENCE (SIZE (1..maxNrofConfiguredGrantConfig-r16)) OF ConfiguredGrantConfigIndex-r16

Name of the Sub\_IE: (ConfiguredGrantConfigType2DeactivationStateList-r16)

SEQUENCE (SIZE (1..maxNrofCG-Type2DeactivationState)) OF ConfiguredGrantConfigType2DeactivationState-r16

Name of the IE: (CANDIDATEBEAMRS)

Name of the Sub\_IE: (CandidateBeamRS-r16)

candidateBeamConfig-r16 CHOICE {

Name of the Sub\_IE: (CandidateBeamRS-r16)

ssb-r16 SSB-Index,

Name of the Sub\_IE: (CandidateBeamRS-r16)

csi-RS-r16 NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (CandidateBeamRS-r16)

},

Name of the Sub\_IE: (CandidateBeamRS-r16)

servingCellId ServCellIndex OPTIONAL -- Need R

Name of the IE: (CELLACCESSRELATEDINFO)

Name of the Sub\_IE: (CellAccessRelatedInfo)

plmn-IdentityInfoList PLMN-IdentityInfoList,

Name of the Sub\_IE: (CellAccessRelatedInfo)

cellReservedForOtherUse ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (CellAccessRelatedInfo)

...,

Name of the Sub\_IE: (CellAccessRelatedInfo)

[[

Name of the Sub\_IE: (CellAccessRelatedInfo)

cellReservedForFutureUse-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (CellAccessRelatedInfo)

npn-IdentityInfoList-r16 NPN-IdentityInfoList-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (CellAccessRelatedInfo)

]],

Name of the Sub\_IE: (CellAccessRelatedInfo)

[[

Name of the Sub\_IE: (CellAccessRelatedInfo)

snpn-AccessInfoList-r17 SEQUENCE (SIZE (1..maxNPN-r16)) OF SNPN-AccessInfo-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (CellAccessRelatedInfo)

]]

Name of the Sub\_IE: (SNPN-AccessInfo-r17)

extCH-Supported-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SNPN-AccessInfo-r17)

extCH-WithoutConfigAllowed-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SNPN-AccessInfo-r17)

onboardingEnabled-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SNPN-AccessInfo-r17)

imsEmergencySupportForSNPN-r17 ENUMERATED {true} OPTIONAL -- Need R

Name of the IE: (CELLACCESSRELATEDINFOEUTRA-5GC)

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-5GC)

plmn-IdentityList-eutra-5gc PLMN-IdentityList-EUTRA-5GC,

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-5GC)

trackingAreaCode-eutra-5gc TrackingAreaCode,

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-5GC)

ranac-5gc RAN-AreaCode OPTIONAL,

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-5GC)

cellIdentity-eutra-5gc CellIdentity-EUTRA-5GC

Name of the Sub\_IE: (PLMN-IdentityList-EUTRA-5GC)

PLMN-IdentityList-EUTRA-5GC SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity-EUTRA-5GC

Name of the Sub\_IE: (PLMN-Identity-EUTRA-5GC)

plmn-Identity-EUTRA-5GC PLMN-Identity,

Name of the Sub\_IE: (PLMN-Identity-EUTRA-5GC)

plmn-index INTEGER (1..maxPLMN)

Name of the Sub\_IE: (CellIdentity-EUTRA-5GC)

cellIdentity-EUTRA BIT STRING (SIZE (28)),

Name of the Sub\_IE: (CellIdentity-EUTRA-5GC)

cellId-index INTEGER (1..maxPLMN)

Name of the IE: (CELLACCESSRELATEDINFOEUTRA-EPC)

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-EPC)

plmn-IdentityList-eutra-epc PLMN-IdentityList-EUTRA-EPC,

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-EPC)

trackingAreaCode-eutra-epc BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CellAccessRelatedInfo-EUTRA-EPC)

cellIdentity-eutra-epc BIT STRING (SIZE (28))

Name of the Sub\_IE: (PLMN-IdentityList-EUTRA-EPC)

PLMN-IdentityList-EUTRA-EPC SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity

Name of the IE: (CELLGROUPCONFIG)

Name of the Sub\_IE: ()

-- Configuration of one Cell-Group:

Name of the Sub\_IE: (CellGroupConfig)

cellGroupId CellGroupId,

Name of the Sub\_IE: (CellGroupConfig)

rlc-BearerToAddModList SEQUENCE (SIZE(1..maxLC-ID)) OF RLC-BearerConfig OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

rlc-BearerToReleaseList SEQUENCE (SIZE(1..maxLC-ID)) OF LogicalChannelIdentity OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

mac-CellGroupConfig MAC-CellGroupConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

physicalCellGroupConfig PhysicalCellGroupConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

spCellConfig SpCellConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

sCellToAddModList SEQUENCE (SIZE (1..maxNrofSCells)) OF SCellConfig OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

sCellToReleaseList SEQUENCE (SIZE (1..maxNrofSCells)) OF SCellIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

...,

Name of the Sub\_IE: (CellGroupConfig)

[[

Name of the Sub\_IE: (CellGroupConfig)

reportUplinkTxDirectCurrent ENUMERATED {true} OPTIONAL -- Cond BWP-Reconfig

Name of the Sub\_IE: (CellGroupConfig)

]],

Name of the Sub\_IE: (CellGroupConfig)

[[

Name of the Sub\_IE: (CellGroupConfig)

bap-Address-r16 BIT STRING (SIZE (10)) OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

bh-RLC-ChannelToAddModList-r16 SEQUENCE (SIZE(1..maxBH-RLC-ChannelID-r16)) OF BH-RLC-ChannelConfig-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

bh-RLC-ChannelToReleaseList-r16 SEQUENCE (SIZE(1..maxBH-RLC-ChannelID-r16)) OF BH-RLC-ChannelID-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

f1c-TransferPath-r16 ENUMERATED {lte, nr, both} OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

simultaneousTCI-UpdateList1-r16 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousTCI-UpdateList2-r16 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousSpatial-UpdatedList1-r16 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousSpatial-UpdatedList2-r16 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

uplinkTxSwitchingOption-r16 ENUMERATED {switchedUL, dualUL} OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

uplinkTxSwitchingPowerBoosting-r16 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (CellGroupConfig)

]],

Name of the Sub\_IE: (CellGroupConfig)

[[

Name of the Sub\_IE: (CellGroupConfig)

reportUplinkTxDirectCurrentTwoCarrier-r16 ENUMERATED {true} OPTIONAL -- Need N

Name of the Sub\_IE: (CellGroupConfig)

]],

Name of the Sub\_IE: (CellGroupConfig)

[[

Name of the Sub\_IE: (CellGroupConfig)

f1c-TransferPathNRDC-r17 ENUMERATED {mcg, scg, both} OPTIONAL, -- Need M

Name of the Sub\_IE: (CellGroupConfig)

uplinkTxSwitching-2T-Mode-r17 ENUMERATED {enabled} OPTIONAL, -- Cond 2Tx

Name of the Sub\_IE: (CellGroupConfig)

uplinkTxSwitching-DualUL-TxState-r17 ENUMERATED {oneT, twoT} OPTIONAL, -- Cond 2Tx

Name of the Sub\_IE: (CellGroupConfig)

uu-RelayRLC-ChannelToAddModList-r17 SEQUENCE (SIZE(1..maxUu-RelayRLC-ChannelID-r17)) OF Uu-RelayRLC-ChannelConfig-r17

Name of the Sub\_IE: (CellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

uu-RelayRLC-ChannelToReleaseList-r17 SEQUENCE (SIZE(1..maxUu-RelayRLC-ChannelID-r17)) OF Uu-RelayRLC-ChannelID-r17

Name of the Sub\_IE: (CellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

simultaneousU-TCI-UpdateList1-r17 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousU-TCI-UpdateList2-r17 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousU-TCI-UpdateList3-r17 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

simultaneousU-TCI-UpdateList4-r17 SEQUENCE (SIZE (1..maxNrofServingCellsTCI-r16)) OF ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (CellGroupConfig)

rlc-BearerToReleaseListExt-r17 SEQUENCE (SIZE(1..maxLC-ID)) OF LogicalChannelIdentityExt-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

iab-ResourceConfigToAddModList-r17 SEQUENCE (SIZE(1..maxNrofIABResourceConfig-r17)) OF IAB-ResourceConfig-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (CellGroupConfig)

iab-ResourceConfigToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofIABResourceConfig-r17)) OF IAB-ResourceConfigID-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (CellGroupConfig)

]],

Name of the Sub\_IE: (CellGroupConfig)

[[

Name of the Sub\_IE: (CellGroupConfig)

reportUplinkTxDirectCurrentMoreCarrier-r17 ReportUplinkTxDirectCurrentMoreCarrier-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (CellGroupConfig)

]]

Name of the Sub\_IE: (CellGroupConfig)

-- Serving cell specific MAC and PHY parameters for a SpCell:

Name of the Sub\_IE: (SpCellConfig)

servCellIndex ServCellIndex OPTIONAL, -- Cond SCG

Name of the Sub\_IE: (SpCellConfig)

reconfigurationWithSync ReconfigurationWithSync OPTIONAL, -- Cond ReconfWithSync

Name of the Sub\_IE: (SpCellConfig)

rlf-TimersAndConstants SetupRelease { RLF-TimersAndConstants } OPTIONAL, -- Need M

Name of the Sub\_IE: (SpCellConfig)

rlmInSyncOutOfSyncThreshold ENUMERATED {n1} OPTIONAL, -- Need S

Name of the Sub\_IE: (SpCellConfig)

spCellConfigDedicated ServingCellConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (SpCellConfig)

...,

Name of the Sub\_IE: (SpCellConfig)

[[

Name of the Sub\_IE: (SpCellConfig)

lowMobilityEvaluationConnected-r17 SEQUENCE {

Name of the Sub\_IE: (SpCellConfig)

s-SearchDeltaP-Connected-r17 ENUMERATED {dB3, dB6, dB9, dB12, dB15, spare3, spare2, spare1},

Name of the Sub\_IE: (SpCellConfig)

t-SearchDeltaP-Connected-r17 ENUMERATED {s5, s10, s20, s30, s60, s120, s180, s240, s300, spare7, spare6, spare5,

Name of the Sub\_IE: (SpCellConfig)

spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SpCellConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SpCellConfig)

goodServingCellEvaluationRLM-r17 GoodServingCellEvaluation-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SpCellConfig)

goodServingCellEvaluationBFD-r17 GoodServingCellEvaluation-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SpCellConfig)

deactivatedSCG-Config-r17 SetupRelease { DeactivatedSCG-Config-r17 } OPTIONAL -- Cond SCG-Opt

Name of the Sub\_IE: (SpCellConfig)

]]

Name of the Sub\_IE: (ReconfigurationWithSync)

spCellConfigCommon ServingCellConfigCommon OPTIONAL, -- Need M

Name of the Sub\_IE: (ReconfigurationWithSync)

newUE-Identity RNTI-Value,

Name of the Sub\_IE: (ReconfigurationWithSync)

t304 ENUMERATED {ms50, ms100, ms150, ms200, ms500, ms1000, ms2000, ms10000},

Name of the Sub\_IE: (ReconfigurationWithSync)

rach-ConfigDedicated CHOICE {

Name of the Sub\_IE: (ReconfigurationWithSync)

uplink RACH-ConfigDedicated,

Name of the Sub\_IE: (ReconfigurationWithSync)

supplementaryUplink RACH-ConfigDedicated

Name of the Sub\_IE: (ReconfigurationWithSync)

} OPTIONAL, -- Need N

Name of the Sub\_IE: (ReconfigurationWithSync)

...,

Name of the Sub\_IE: (ReconfigurationWithSync)

[[

Name of the Sub\_IE: (ReconfigurationWithSync)

smtc SSB-MTC OPTIONAL -- Need S

Name of the Sub\_IE: (ReconfigurationWithSync)

]],

Name of the Sub\_IE: (ReconfigurationWithSync)

[[

Name of the Sub\_IE: (ReconfigurationWithSync)

daps-UplinkPowerConfig-r16 DAPS-UplinkPowerConfig-r16 OPTIONAL -- Need N

Name of the Sub\_IE: (ReconfigurationWithSync)

]],

Name of the Sub\_IE: (ReconfigurationWithSync)

[[

Name of the Sub\_IE: (ReconfigurationWithSync)

sl-PathSwitchConfig-r17 SL-PathSwitchConfig-r17 OPTIONAL -- Cond DirectToIndirect-PathSwitch

Name of the Sub\_IE: (ReconfigurationWithSync)

]]

Name of the Sub\_IE: (DAPS-UplinkPowerConfig-r16)

p-DAPS-Source-r16 P-Max,

Name of the Sub\_IE: (DAPS-UplinkPowerConfig-r16)

p-DAPS-Target-r16 P-Max,

Name of the Sub\_IE: (DAPS-UplinkPowerConfig-r16)

uplinkPowerSharingDAPS-Mode-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic }

Name of the Sub\_IE: (SCellConfig)

sCellIndex SCellIndex,

Name of the Sub\_IE: (SCellConfig)

sCellConfigCommon ServingCellConfigCommon OPTIONAL, -- Cond SCellAdd

Name of the Sub\_IE: (SCellConfig)

sCellConfigDedicated ServingCellConfig OPTIONAL, -- Cond SCellAddMod

Name of the Sub\_IE: (SCellConfig)

...,

Name of the Sub\_IE: (SCellConfig)

[[

Name of the Sub\_IE: (SCellConfig)

smtc SSB-MTC OPTIONAL -- Need S

Name of the Sub\_IE: (SCellConfig)

]],

Name of the Sub\_IE: (SCellConfig)

[[

Name of the Sub\_IE: (SCellConfig)

sCellState-r16 ENUMERATED {activated} OPTIONAL, -- Cond SCellAddSync

Name of the Sub\_IE: (SCellConfig)

secondaryDRX-GroupConfig-r16 ENUMERATED {true} OPTIONAL -- Cond DRX-Config2

Name of the Sub\_IE: (SCellConfig)

]],

Name of the Sub\_IE: (SCellConfig)

[[

Name of the Sub\_IE: (SCellConfig)

preConfGapStatus-r17 BIT STRING (SIZE (maxNrofGapId-r17)) OPTIONAL, -- Cond PreConfigMG

Name of the Sub\_IE: (SCellConfig)

goodServingCellEvaluationBFD-r17 GoodServingCellEvaluation-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SCellConfig)

sCellSIB20-r17 SetupRelease { SCellSIB20-r17 } OPTIONAL -- Need M

Name of the Sub\_IE: (SCellConfig)

]]

Name of the Sub\_IE: (DeactivatedSCG-Config-r17)

bfd-and-RLM-r17 BOOLEAN,

Name of the Sub\_IE: (DeactivatedSCG-Config-r17)

...

Name of the Sub\_IE: (GoodServingCellEvaluation-r17)

offset-r17 ENUMERATED {db2, db4, db6, db8} OPTIONAL -- Need S

Name of the Sub\_IE: (SL-PathSwitchConfig-r17)

targetRelayUE-Identity-r17 SL-SourceIdentity-r17,

Name of the Sub\_IE: (SL-PathSwitchConfig-r17)

t420-r17 ENUMERATED {ms50, ms100, ms150, ms200, ms500, ms1000, ms2000, ms10000},

Name of the Sub\_IE: (SL-PathSwitchConfig-r17)

...

Name of the Sub\_IE: (IAB-ResourceConfig-r17)

iab-ResourceConfigID-r17 IAB-ResourceConfigID-r17,

Name of the Sub\_IE: (IAB-ResourceConfig-r17)

slotList-r17 SEQUENCE (SIZE (1..5120)) OF INTEGER (0..5119) OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-ResourceConfig-r17)

periodicitySlotList-r17 ENUMERATED {ms0p5, ms0p625, ms1, ms1p25, ms2, ms2p5, ms5, ms10, ms20, ms40, ms80, ms160} OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-ResourceConfig-r17)

slotListSubcarrierSpacing-r17 SubcarrierSpacing OPTIONAL, -- Need M

Name of the Sub\_IE: (IAB-ResourceConfig-r17)

...

Name of the Sub\_IE: (ReportUplinkTxDirectCurrentMoreCarrier-r17)

ReportUplinkTxDirectCurrentMoreCarrier-r17 SEQUENCE (SIZE(1.. maxSimultaneousBands)) OF IntraBandCC-CombinationReqList-r17

Name of the Sub\_IE: (IntraBandCC-CombinationReqList-r17)

servCellIndexList-r17 SEQUENCE (SIZE(1.. maxNrofServingCells)) OF ServCellIndex,

Name of the Sub\_IE: (IntraBandCC-CombinationReqList-r17)

cc-CombinationList-r17 SEQUENCE (SIZE(1.. maxNrofReqComDC-Location-r17)) OF IntraBandCC-Combination-r17

Name of the Sub\_IE: (IntraBandCC-Combination-r17)

IntraBandCC-Combination-r17 SEQUENCE (SIZE(1.. maxNrofServingCells)) OF CC-State-r17

Name of the Sub\_IE: (CC-State-r17)

dlCarrier-r17 CarrierState-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (CC-State-r17)

ulCarrier-r17 CarrierState-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (CarrierState-r17)

deActivated-r17 NULL,

Name of the Sub\_IE: (CarrierState-r17)

activeBWP-r17 INTEGER (0..maxNrofBWPs)

Name of the IE: (CELLGROUPID)

Name of the IE: (CELLIDENTITY)

Name of the IE: (CELLRESELECTIONPRIORITY)

Name of the IE: (CELLRESELECTIONSUBPRIORITY)

Name of the Sub\_IE: (CellReselectionSubPriority)

CellReselectionSubPriority ENUMERATED {oDot2, oDot4, oDot6, oDot8}

Name of the IE: (CFR-CONFIGMULTICAST)

Name of the Sub\_IE: (CFR-ConfigMulticast-r17)

locationAndBandwidthMulticast-r17 INTEGER (0..37949) OPTIONAL, -- Need S

Name of the Sub\_IE: (CFR-ConfigMulticast-r17)

pdcch-ConfigMulticast-r17 PDCCH-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (CFR-ConfigMulticast-r17)

pdsch-ConfigMulticast-r17 PDSCH-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (CFR-ConfigMulticast-r17)

sps-ConfigMulticastToAddModList-r17 SPS-ConfigMulticastToAddModList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (CFR-ConfigMulticast-r17)

sps-ConfigMulticastToReleaseList-r17 SPS-ConfigMulticastToReleaseList-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (SPS-ConfigMulticastToAddModList-r17)

SPS-ConfigMulticastToAddModList-r17 SEQUENCE (SIZE (1..8)) OF SPS-Config

Name of the Sub\_IE: (SPS-ConfigMulticastToReleaseList-r17)

SPS-ConfigMulticastToReleaseList-r17 SEQUENCE (SIZE (1..8)) OF SPS-ConfigIndex-r16

Name of the IE: (CGI-INFOEUTRA)

Name of the Sub\_IE: (CGI-InfoEUTRA)

cgi-info-EPC SEQUENCE {

Name of the Sub\_IE: (CGI-InfoEUTRA)

cgi-info-EPC-legacy CellAccessRelatedInfo-EUTRA-EPC,

Name of the Sub\_IE: (CGI-InfoEUTRA)

cgi-info-EPC-list SEQUENCE (SIZE (1..maxPLMN)) OF CellAccessRelatedInfo-EUTRA-EPC OPTIONAL

Name of the Sub\_IE: (CGI-InfoEUTRA)

} OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRA)

cgi-info-5GC SEQUENCE (SIZE (1..maxPLMN)) OF CellAccessRelatedInfo-EUTRA-5GC OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRA)

freqBandIndicator FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (CGI-InfoEUTRA)

multiBandInfoList MultiBandInfoListEUTRA OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRA)

freqBandIndicatorPriority ENUMERATED {true} OPTIONAL

Name of the IE: (CGI-INFOEUTRALOGGING)

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

plmn-Identity-eutra-5gc PLMN-Identity OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

trackingAreaCode-eutra-5gc TrackingAreaCode OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

cellIdentity-eutra-5gc BIT STRING (SIZE (28)) OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

plmn-Identity-eutra-epc PLMN-Identity OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

trackingAreaCode-eutra-epc BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (CGI-InfoEUTRALogging)

cellIdentity-eutra-epc BIT STRING (SIZE (28)) OPTIONAL

Name of the IE: (CGI-INFO-NR)

Name of the Sub\_IE: (CGI-InfoNR)

plmn-IdentityInfoList PLMN-IdentityInfoList OPTIONAL,

Name of the Sub\_IE: (CGI-InfoNR)

frequencyBandList MultiFrequencyBandListNR OPTIONAL,

Name of the Sub\_IE: (CGI-InfoNR)

noSIB1 SEQUENCE {

Name of the Sub\_IE: (CGI-InfoNR)

ssb-SubcarrierOffset INTEGER (0..15),

Name of the Sub\_IE: (CGI-InfoNR)

pdcch-ConfigSIB1 PDCCH-ConfigSIB1

Name of the Sub\_IE: (CGI-InfoNR)

} OPTIONAL,

Name of the Sub\_IE: (CGI-InfoNR)

...,

Name of the Sub\_IE: (CGI-InfoNR)

[[

Name of the Sub\_IE: (CGI-InfoNR)

npn-IdentityInfoList-r16 NPN-IdentityInfoList-r16 OPTIONAL

Name of the Sub\_IE: (CGI-InfoNR)

]],

Name of the Sub\_IE: (CGI-InfoNR)

[[

Name of the Sub\_IE: (CGI-InfoNR)

cellReservedForOtherUse-r16 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (CGI-InfoNR)

]]

Name of the IE: (CGI-INFO-LOGGING)

Name of the Sub\_IE: (CGI-Info-Logging-r16)

plmn-Identity-r16 PLMN-Identity,

Name of the Sub\_IE: (CGI-Info-Logging-r16)

cellIdentity-r16 CellIdentity,

Name of the Sub\_IE: (CGI-Info-Logging-r16)

trackingAreaCode-r16 TrackingAreaCode OPTIONAL

Name of the IE: (CLI-RSSI-RANGE)

Name of the IE: (CODEBOOKCONFIG)

Name of the Sub\_IE: (CodebookConfig)

codebookType CHOICE {

Name of the Sub\_IE: (CodebookConfig)

type1 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

subType CHOICE {

Name of the Sub\_IE: (CodebookConfig)

typeI-SinglePanel SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

nrOfAntennaPorts CHOICE {

Name of the Sub\_IE: (CodebookConfig)

two SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

twoTX-CodebookSubsetRestriction BIT STRING (SIZE (6))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

moreThanTwo SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

n1-n2 CHOICE {

Name of the Sub\_IE: (CodebookConfig)

two-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CodebookConfig)

two-two-TypeI-SinglePanel-Restriction BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig)

four-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig)

three-two-TypeI-SinglePanel-Restriction BIT STRING (SIZE (96)),

Name of the Sub\_IE: (CodebookConfig)

six-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (24)),

Name of the Sub\_IE: (CodebookConfig)

four-two-TypeI-SinglePanel-Restriction BIT STRING (SIZE (128)),

Name of the Sub\_IE: (CodebookConfig)

eight-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig)

four-three-TypeI-SinglePanel-Restriction BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig)

six-two-TypeI-SinglePanel-Restriction BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig)

twelve-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (48)),

Name of the Sub\_IE: (CodebookConfig)

four-four-TypeI-SinglePanel-Restriction BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig)

eight-two-TypeI-SinglePanel-Restriction BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig)

sixteen-one-TypeI-SinglePanel-Restriction BIT STRING (SIZE (64))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

typeI-SinglePanel-codebookSubsetRestriction-i2 BIT STRING (SIZE (16)) OPTIONAL -- Need R

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

typeI-SinglePanel-ri-Restriction BIT STRING (SIZE (8))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

typeI-MultiPanel SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

ng-n1-n2 CHOICE {

Name of the Sub\_IE: (CodebookConfig)

two-two-one-TypeI-MultiPanel-Restriction BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CodebookConfig)

two-four-one-TypeI-MultiPanel-Restriction BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig)

four-two-one-TypeI-MultiPanel-Restriction BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CodebookConfig)

two-two-two-TypeI-MultiPanel-Restriction BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig)

two-eight-one-TypeI-MultiPanel-Restriction BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig)

four-four-one-TypeI-MultiPanel-Restriction BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig)

two-four-two-TypeI-MultiPanel-Restriction BIT STRING (SIZE (128)),

Name of the Sub\_IE: (CodebookConfig)

four-two-two-TypeI-MultiPanel-Restriction BIT STRING (SIZE (64))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

ri-Restriction BIT STRING (SIZE (4))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

codebookMode INTEGER (1..2)

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

type2 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

subType CHOICE {

Name of the Sub\_IE: (CodebookConfig)

typeII SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

n1-n2-codebookSubsetRestriction CHOICE {

Name of the Sub\_IE: (CodebookConfig)

two-one BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig)

two-two BIT STRING (SIZE (43)),

Name of the Sub\_IE: (CodebookConfig)

four-one BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig)

three-two BIT STRING (SIZE (59)),

Name of the Sub\_IE: (CodebookConfig)

six-one BIT STRING (SIZE (48)),

Name of the Sub\_IE: (CodebookConfig)

four-two BIT STRING (SIZE (75)),

Name of the Sub\_IE: (CodebookConfig)

eight-one BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig)

four-three BIT STRING (SIZE (107)),

Name of the Sub\_IE: (CodebookConfig)

six-two BIT STRING (SIZE (107)),

Name of the Sub\_IE: (CodebookConfig)

twelve-one BIT STRING (SIZE (96)),

Name of the Sub\_IE: (CodebookConfig)

four-four BIT STRING (SIZE (139)),

Name of the Sub\_IE: (CodebookConfig)

eight-two BIT STRING (SIZE (139)),

Name of the Sub\_IE: (CodebookConfig)

sixteen-one BIT STRING (SIZE (128))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

typeII-RI-Restriction BIT STRING (SIZE (2))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

typeII-PortSelection SEQUENCE {

Name of the Sub\_IE: (CodebookConfig)

portSelectionSamplingSize ENUMERATED {n1, n2, n3, n4} OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig)

typeII-PortSelectionRI-Restriction BIT STRING (SIZE (2))

Name of the Sub\_IE: (CodebookConfig)

},

Name of the Sub\_IE: (CodebookConfig)

phaseAlphabetSize ENUMERATED {n4, n8},

Name of the Sub\_IE: (CodebookConfig)

subbandAmplitude BOOLEAN,

Name of the Sub\_IE: (CodebookConfig)

numberOfBeams ENUMERATED {two, three, four}

Name of the Sub\_IE: (CodebookConfig-r16)

codebookType CHOICE {

Name of the Sub\_IE: (CodebookConfig-r16)

type2 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r16)

subType CHOICE {

Name of the Sub\_IE: (CodebookConfig-r16)

typeII-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r16)

n1-n2-codebookSubsetRestriction-r16 CHOICE {

Name of the Sub\_IE: (CodebookConfig-r16)

two-one BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig-r16)

two-two BIT STRING (SIZE (43)),

Name of the Sub\_IE: (CodebookConfig-r16)

four-one BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig-r16)

three-two BIT STRING (SIZE (59)),

Name of the Sub\_IE: (CodebookConfig-r16)

six-one BIT STRING (SIZE (48)),

Name of the Sub\_IE: (CodebookConfig-r16)

four-two BIT STRING (SIZE (75)),

Name of the Sub\_IE: (CodebookConfig-r16)

eight-one BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig-r16)

four-three BIT STRING (SIZE (107)),

Name of the Sub\_IE: (CodebookConfig-r16)

six-two BIT STRING (SIZE (107)),

Name of the Sub\_IE: (CodebookConfig-r16)

twelve-one BIT STRING (SIZE (96)),

Name of the Sub\_IE: (CodebookConfig-r16)

four-four BIT STRING (SIZE (139)),

Name of the Sub\_IE: (CodebookConfig-r16)

eight-two BIT STRING (SIZE (139)),

Name of the Sub\_IE: (CodebookConfig-r16)

sixteen-one BIT STRING (SIZE (128))

Name of the Sub\_IE: (CodebookConfig-r16)

},

Name of the Sub\_IE: (CodebookConfig-r16)

typeII-RI-Restriction-r16 BIT STRING (SIZE(4))

Name of the Sub\_IE: (CodebookConfig-r16)

},

Name of the Sub\_IE: (CodebookConfig-r16)

typeII-PortSelection-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r16)

portSelectionSamplingSize-r16 ENUMERATED {n1, n2, n3, n4},

Name of the Sub\_IE: (CodebookConfig-r16)

typeII-PortSelectionRI-Restriction-r16 BIT STRING (SIZE (4))

Name of the Sub\_IE: (CodebookConfig-r16)

},

Name of the Sub\_IE: (CodebookConfig-r16)

numberOfPMI-SubbandsPerCQI-Subband-r16 INTEGER (1..2),

Name of the Sub\_IE: (CodebookConfig-r16)

paramCombination-r16 INTEGER (1..8)

Name of the Sub\_IE: (CodebookConfig-r17)

codebookType CHOICE {

Name of the Sub\_IE: (CodebookConfig-r17)

type1 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

typeI-SinglePanel-Group1-r17 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

nrOfAntennaPorts CHOICE {

Name of the Sub\_IE: (CodebookConfig-r17)

two SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

twoTX-CodebookSubsetRestriction1-r17 BIT STRING (SIZE (6))

Name of the Sub\_IE: (CodebookConfig-r17)

},

Name of the Sub\_IE: (CodebookConfig-r17)

moreThanTwo SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

n1-n2 CHOICE {

Name of the Sub\_IE: (CodebookConfig-r17)

two-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CodebookConfig-r17)

two-two-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig-r17)

three-two-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (96)),

Name of the Sub\_IE: (CodebookConfig-r17)

six-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (24)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-two-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (128)),

Name of the Sub\_IE: (CodebookConfig-r17)

eight-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-three-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig-r17)

six-two-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig-r17)

twelve-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (48)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-four-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig-r17)

eight-two-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig-r17)

sixteen-one-TypeI-SinglePanel-Restriction1-r17 BIT STRING (SIZE (64))

Name of the Sub\_IE: (CodebookConfig-r17)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

typeI-SinglePanel-Group2-r17 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

nrOfAntennaPorts CHOICE {

Name of the Sub\_IE: (CodebookConfig-r17)

two SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

twoTX-CodebookSubsetRestriction2-r17 BIT STRING (SIZE (6))

Name of the Sub\_IE: (CodebookConfig-r17)

},

Name of the Sub\_IE: (CodebookConfig-r17)

moreThanTwo SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

n1-n2 CHOICE {

Name of the Sub\_IE: (CodebookConfig-r17)

two-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CodebookConfig-r17)

two-two-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (64)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (16)),

Name of the Sub\_IE: (CodebookConfig-r17)

three-two-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (96)),

Name of the Sub\_IE: (CodebookConfig-r17)

six-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (24)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-two-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (128)),

Name of the Sub\_IE: (CodebookConfig-r17)

eight-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-three-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig-r17)

six-two-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (192)),

Name of the Sub\_IE: (CodebookConfig-r17)

twelve-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (48)),

Name of the Sub\_IE: (CodebookConfig-r17)

four-four-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig-r17)

eight-two-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (256)),

Name of the Sub\_IE: (CodebookConfig-r17)

sixteen-one-TypeI-SinglePanel-Restriction2-r17 BIT STRING (SIZE (64))

Name of the Sub\_IE: (CodebookConfig-r17)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

typeI-SinglePanel-ri-RestrictionSTRP-r17 BIT STRING (SIZE (8)) OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

typeI-SinglePanel-ri-RestrictionSDM-r17 BIT STRING (SIZE (4)) OPTIONAL -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

},

Name of the Sub\_IE: (CodebookConfig-r17)

type2 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

typeII-PortSelection-r17 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-r17)

paramCombination-r17 INTEGER (1..8),

Name of the Sub\_IE: (CodebookConfig-r17)

valueOfN-r17 ENUMERATED {n2, n4} OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

numberOfPMI-SubbandsPerCQI-Subband-r17 INTEGER(1..2) OPTIONAL, -- Need R

Name of the Sub\_IE: (CodebookConfig-r17)

typeII-PortSelectionRI-Restriction-r17 BIT STRING (SIZE (4))

Name of the Sub\_IE: (CodebookConfig-v1730)

codebookType CHOICE {

Name of the Sub\_IE: (CodebookConfig-v1730)

type1 SEQUENCE {

Name of the Sub\_IE: (CodebookConfig-v1730)

codebookMode INTEGER (1..2) OPTIONAL -- Need R

Name of the IE: (COMMONLOCATIONINFO)

Name of the Sub\_IE: (CommonLocationInfo-r16)

gnss-TOD-msec-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CommonLocationInfo-r16)

locationTimestamp-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CommonLocationInfo-r16)

locationCoordinate-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CommonLocationInfo-r16)

locationError-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CommonLocationInfo-r16)

locationSource-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CommonLocationInfo-r16)

velocityEstimate-r16 OCTET STRING OPTIONAL

Name of the IE: (CONDRECONFIGID)

Name of the IE: (CONDRECONFIGTOADDMODLIST)

Name of the Sub\_IE: (CondReconfigToAddModList-r16)

CondReconfigToAddModList-r16 SEQUENCE (SIZE (1.. maxNrofCondCells-r16)) OF CondReconfigToAddMod-r16

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

condReconfigId-r16 CondReconfigId-r16,

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

condExecutionCond-r16 SEQUENCE (SIZE (1..2)) OF MeasId OPTIONAL, -- Need M

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

condRRCReconfig-r16 OCTET STRING (CONTAINING RRCReconfiguration) OPTIONAL, -- Cond condReconfigAdd

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

...,

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

[[

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

condExecutionCondSCG-r17 OCTET STRING (CONTAINING CondReconfigExecCondSCG-r17) OPTIONAL -- Need M

Name of the Sub\_IE: (CondReconfigToAddMod-r16)

]]

Name of the Sub\_IE: (CondReconfigExecCondSCG-r17)

CondReconfigExecCondSCG-r17 SEQUENCE (SIZE (1..2)) OF MeasId

Name of the IE: (CONDITIONALRECONFIGURATION)

Name of the Sub\_IE: (ConditionalReconfiguration-r16)

attemptCondReconfig-r16 ENUMERATED {true} OPTIONAL, -- Cond CHO

Name of the Sub\_IE: (ConditionalReconfiguration-r16)

condReconfigToRemoveList-r16 CondReconfigToRemoveList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (ConditionalReconfiguration-r16)

condReconfigToAddModList-r16 CondReconfigToAddModList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (ConditionalReconfiguration-r16)

...

Name of the Sub\_IE: (CondReconfigToRemoveList-r16)

CondReconfigToRemoveList-r16 SEQUENCE (SIZE (1.. maxNrofCondCells-r16)) OF CondReconfigId-r16

Name of the IE: (CONFIGUREDGRANTCONFIG)

Name of the Sub\_IE: (ConfiguredGrantConfig)

frequencyHopping ENUMERATED {intraSlot, interSlot} OPTIONAL, -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-DMRS-Configuration DMRS-UplinkConfig,

Name of the Sub\_IE: (ConfiguredGrantConfig)

mcs-Table ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

mcs-TableTransformPrecoder ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

uci-OnPUSCH SetupRelease { CG-UCI-OnPUSCH } OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

resourceAllocation ENUMERATED { resourceAllocationType0, resourceAllocationType1, dynamicSwitch },

Name of the Sub\_IE: (ConfiguredGrantConfig)

rbg-Size ENUMERATED {config2} OPTIONAL, -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

powerControlLoopToUse ENUMERATED {n0, n1},

Name of the Sub\_IE: (ConfiguredGrantConfig)

p0-PUSCH-Alpha P0-PUSCH-AlphaSetId,

Name of the Sub\_IE: (ConfiguredGrantConfig)

transformPrecoder ENUMERATED {enabled, disabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

nrofHARQ-Processes INTEGER(1..16),

Name of the Sub\_IE: (ConfiguredGrantConfig)

repK ENUMERATED {n1, n2, n4, n8},

Name of the Sub\_IE: (ConfiguredGrantConfig)

repK-RV ENUMERATED {s1-0231, s2-0303, s3-0000} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

periodicity ENUMERATED {

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym2, sym7, sym1x14, sym2x14, sym4x14, sym5x14, sym8x14, sym10x14, sym16x14, sym20x14,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym32x14, sym40x14, sym64x14, sym80x14, sym128x14, sym160x14, sym256x14, sym320x14, sym512x14,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym640x14, sym1024x14, sym1280x14, sym2560x14, sym5120x14,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym6, sym1x12, sym2x12, sym4x12, sym5x12, sym8x12, sym10x12, sym16x12, sym20x12, sym32x12,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym40x12, sym64x12, sym80x12, sym128x12, sym160x12, sym256x12, sym320x12, sym512x12, sym640x12,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym1280x12, sym2560x12

Name of the Sub\_IE: (ConfiguredGrantConfig)

},

Name of the Sub\_IE: (ConfiguredGrantConfig)

configuredGrantTimer INTEGER (1..64) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

rrc-ConfiguredUplinkGrant SEQUENCE {

Name of the Sub\_IE: (ConfiguredGrantConfig)

timeDomainOffset INTEGER (0..5119),

Name of the Sub\_IE: (ConfiguredGrantConfig)

timeDomainAllocation INTEGER (0..15),

Name of the Sub\_IE: (ConfiguredGrantConfig)

frequencyDomainAllocation BIT STRING (SIZE(18)),

Name of the Sub\_IE: (ConfiguredGrantConfig)

antennaPort INTEGER (0..31),

Name of the Sub\_IE: (ConfiguredGrantConfig)

dmrs-SeqInitialization INTEGER (0..1) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

precodingAndNumberOfLayers INTEGER (0..63),

Name of the Sub\_IE: (ConfiguredGrantConfig)

srs-ResourceIndicator INTEGER (0..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

mcsAndTBS INTEGER (0..31),

Name of the Sub\_IE: (ConfiguredGrantConfig)

frequencyHoppingOffset INTEGER (1.. maxNrofPhysicalResourceBlocks-1) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

pathlossReferenceIndex INTEGER (0..maxNrofPUSCH-PathlossReferenceRSs-1),

Name of the Sub\_IE: (ConfiguredGrantConfig)

...,

Name of the Sub\_IE: (ConfiguredGrantConfig)

[[

Name of the Sub\_IE: (ConfiguredGrantConfig)

pusch-RepTypeIndicator-r16 ENUMERATED {pusch-RepTypeA,pusch-RepTypeB} OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

frequencyHoppingPUSCH-RepTypeB-r16 ENUMERATED {interRepetition, interSlot} OPTIONAL, -- Cond RepTypeB

Name of the Sub\_IE: (ConfiguredGrantConfig)

timeReferenceSFN-r16 ENUMERATED {sfn512} OPTIONAL -- Need S

Name of the Sub\_IE: (ConfiguredGrantConfig)

]],

Name of the Sub\_IE: (ConfiguredGrantConfig)

[[

Name of the Sub\_IE: (ConfiguredGrantConfig)

pathlossReferenceIndex2-r17 INTEGER (0..maxNrofPUSCH-PathlossReferenceRSs-1) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

srs-ResourceIndicator2-r17 INTEGER (0..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

precodingAndNumberOfLayers2-r17 INTEGER (0..63) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

timeDomainAllocation-v1710 INTEGER (16..63) OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

timeDomainOffset-r17 INTEGER (0..40959) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-SDT-Configuration-r17 CG-SDT-Configuration-r17 OPTIONAL -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

]]

Name of the Sub\_IE: (ConfiguredGrantConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

...,

Name of the Sub\_IE: (ConfiguredGrantConfig)

[[

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-RetransmissionTimer-r16 INTEGER (1..64) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-minDFI-Delay-r16 ENUMERATED

Name of the Sub\_IE: (ConfiguredGrantConfig)

{sym7, sym1x14, sym2x14, sym3x14, sym4x14, sym5x14, sym6x14, sym7x14, sym8x14,

Name of the Sub\_IE: (ConfiguredGrantConfig)

sym9x14, sym10x14, sym11x14, sym12x14, sym13x14, sym14x14,sym15x14, sym16x14

Name of the Sub\_IE: (ConfiguredGrantConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-nrofPUSCH-InSlot-r16 INTEGER (1..7) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-nrofSlots-r16 INTEGER (1..40) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-StartingOffsets-r16 CG-StartingOffsets-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-UCI-Multiplexing-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-COT-SharingOffset-r16 INTEGER (1..39) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

betaOffsetCG-UCI-r16 INTEGER (0..31) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-COT-SharingList-r16 SEQUENCE (SIZE (1..1709)) OF CG-COT-Sharing-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

harq-ProcID-Offset-r16 INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

harq-ProcID-Offset2-r16 INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

configuredGrantConfigIndex-r16 ConfiguredGrantConfigIndex-r16 OPTIONAL, -- Cond CG-List

Name of the Sub\_IE: (ConfiguredGrantConfig)

configuredGrantConfigIndexMAC-r16 ConfiguredGrantConfigIndexMAC-r16 OPTIONAL, -- Cond CG-IndexMAC

Name of the Sub\_IE: (ConfiguredGrantConfig)

periodicityExt-r16 INTEGER (1..5120) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

startingFromRV0-r16 ENUMERATED {on, off} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

phy-PriorityIndex-r16 ENUMERATED {p0, p1} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

autonomousTx-r16 ENUMERATED {enabled} OPTIONAL -- Cond LCH-BasedPrioritization

Name of the Sub\_IE: (ConfiguredGrantConfig)

]],

Name of the Sub\_IE: (ConfiguredGrantConfig)

[[

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-betaOffsetsCrossPri0-r17 SetupRelease { BetaOffsetsCrossPriSelCG-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-betaOffsetsCrossPri1-r17 SetupRelease { BetaOffsetsCrossPriSelCG-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

mappingPattern-r17 ENUMERATED {cyclicMapping, sequentialMapping} OPTIONAL, -- Cond SRSsets

Name of the Sub\_IE: (ConfiguredGrantConfig)

sequenceOffsetForRV-r17 INTEGER (0..3) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

p0-PUSCH-Alpha2-r17 P0-PUSCH-AlphaSetId OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

powerControlLoopToUse2-r17 ENUMERATED {n0, n1} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-COT-SharingList-r17 SEQUENCE (SIZE (1..50722)) OF CG-COT-Sharing-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

periodicityExt-r17 INTEGER (1..40960) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

repK-v1710 ENUMERATED {n12, n16, n24, n32} OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

nrofHARQ-Processes-v1700 INTEGER(17..32) OPTIONAL, -- Need M

Name of the Sub\_IE: (ConfiguredGrantConfig)

harq-ProcID-Offset2-v1700 INTEGER (16..31) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

configuredGrantTimer-v1700 INTEGER(33..288) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-minDFI-Delay-v1710 INTEGER (238..3584) OPTIONAL -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

]],

Name of the Sub\_IE: (ConfiguredGrantConfig)

[[

Name of the Sub\_IE: (ConfiguredGrantConfig)

harq-ProcID-Offset-v1730 INTEGER (16..31) OPTIONAL, -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

cg-nrofSlots-r17 INTEGER (1..320) OPTIONAL -- Need R

Name of the Sub\_IE: (ConfiguredGrantConfig)

]]

Name of the Sub\_IE: (CG-UCI-OnPUSCH)

dynamic SEQUENCE (SIZE (1..4)) OF BetaOffsets,

Name of the Sub\_IE: (CG-UCI-OnPUSCH)

semiStatic BetaOffsets

Name of the Sub\_IE: (CG-COT-Sharing-r16)

noCOT-Sharing-r16 NULL,

Name of the Sub\_IE: (CG-COT-Sharing-r16)

cot-Sharing-r16 SEQUENCE {

Name of the Sub\_IE: (CG-COT-Sharing-r16)

duration-r16 INTEGER (1..39),

Name of the Sub\_IE: (CG-COT-Sharing-r16)

offset-r16 INTEGER (1..39),

Name of the Sub\_IE: (CG-COT-Sharing-r16)

channelAccessPriority-r16 INTEGER (1..4)

Name of the Sub\_IE: (CG-COT-Sharing-r17)

noCOT-Sharing-r17 NULL,

Name of the Sub\_IE: (CG-COT-Sharing-r17)

cot-Sharing-r17 SEQUENCE {

Name of the Sub\_IE: (CG-COT-Sharing-r17)

duration-r17 INTEGER (1..319),

Name of the Sub\_IE: (CG-COT-Sharing-r17)

offset-r17 INTEGER (1..319)

Name of the Sub\_IE: (CG-StartingOffsets-r16)

cg-StartingFullBW-InsideCOT-r16 SEQUENCE (SIZE (1..7)) OF INTEGER (0..6) OPTIONAL, -- Need R

Name of the Sub\_IE: (CG-StartingOffsets-r16)

cg-StartingFullBW-OutsideCOT-r16 SEQUENCE (SIZE (1..7)) OF INTEGER (0..6) OPTIONAL, -- Need R

Name of the Sub\_IE: (CG-StartingOffsets-r16)

cg-StartingPartialBW-InsideCOT-r16 INTEGER (0..6) OPTIONAL, -- Need R

Name of the Sub\_IE: (CG-StartingOffsets-r16)

cg-StartingPartialBW-OutsideCOT-r16 INTEGER (0..6) OPTIONAL -- Need R

Name of the Sub\_IE: (BetaOffsetsCrossPriSelCG-r17)

dynamic-r17 SEQUENCE (SIZE (1..4)) OF BetaOffsetsCrossPri-r17,

Name of the Sub\_IE: (BetaOffsetsCrossPriSelCG-r17)

semiStatic-r17 BetaOffsetsCrossPri-r17

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

cg-SDT-RetransmissionTimer INTEGER (1..64) OPTIONAL, -- Need R

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-SSB-Subset-r17 CHOICE {

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

shortBitmap-r17 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

mediumBitmap-r17 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

longBitmap-r17 BIT STRING (SIZE (64))

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-SSB-PerCG-PUSCH-r17 ENUMERATED {oneEighth, oneFourth, half, one, two, four, eight, sixteen} OPTIONAL, -- Need M

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-P0-PUSCH-r17 INTEGER (-16..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-Alpha-r17 ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need M

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-DMRS-Ports-r17 CHOICE {

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

dmrsType1-r17 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

dmrsType2-r17 BIT STRING (SIZE (12))

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (CG-SDT-Configuration-r17)

sdt-NrofDMRS-Sequences-r17 INTEGER (1..2) OPTIONAL -- Need M

Name of the IE: (CONFIGUREDGRANTCONFIGINDEX)

Name of the IE: (CONFIGUREDGRANTCONFIGINDEXMAC)

Name of the IE: (CONNESTFAILURECONTROL)

Name of the Sub\_IE: (ConnEstFailureControl)

connEstFailCount ENUMERATED {n1, n2, n3, n4},

Name of the Sub\_IE: (ConnEstFailureControl)

connEstFailOffsetValidity ENUMERATED {s30, s60, s120, s240, s300, s420, s600, s900},

Name of the Sub\_IE: (ConnEstFailureControl)

connEstFailOffset INTEGER (0..15) OPTIONAL -- Need S

Name of the IE: (CONTROLRESOURCESET)

Name of the Sub\_IE: (ControlResourceSet)

controlResourceSetId ControlResourceSetId,

Name of the Sub\_IE: (ControlResourceSet)

frequencyDomainResources BIT STRING (SIZE (45)),

Name of the Sub\_IE: (ControlResourceSet)

duration INTEGER (1..maxCoReSetDuration),

Name of the Sub\_IE: (ControlResourceSet)

cce-REG-MappingType CHOICE {

Name of the Sub\_IE: (ControlResourceSet)

interleaved SEQUENCE {

Name of the Sub\_IE: (ControlResourceSet)

reg-BundleSize ENUMERATED {n2, n3, n6},

Name of the Sub\_IE: (ControlResourceSet)

interleaverSize ENUMERATED {n2, n3, n6},

Name of the Sub\_IE: (ControlResourceSet)

shiftIndex INTEGER(0..maxNrofPhysicalResourceBlocks-1) OPTIONAL -- Need S

Name of the Sub\_IE: (ControlResourceSet)

},

Name of the Sub\_IE: (ControlResourceSet)

nonInterleaved NULL

Name of the Sub\_IE: (ControlResourceSet)

},

Name of the Sub\_IE: (ControlResourceSet)

precoderGranularity ENUMERATED {sameAsREG-bundle, allContiguousRBs},

Name of the Sub\_IE: (ControlResourceSet)

tci-StatesPDCCH-ToAddList SEQUENCE(SIZE (1..maxNrofTCI-StatesPDCCH)) OF TCI-StateId OPTIONAL, -- Cond NotSIB-initialBWP

Name of the Sub\_IE: (ControlResourceSet)

tci-StatesPDCCH-ToReleaseList SEQUENCE(SIZE (1..maxNrofTCI-StatesPDCCH)) OF TCI-StateId OPTIONAL, -- Cond NotSIB-initialBWP

Name of the Sub\_IE: (ControlResourceSet)

tci-PresentInDCI ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (ControlResourceSet)

pdcch-DMRS-ScramblingID INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (ControlResourceSet)

...,

Name of the Sub\_IE: (ControlResourceSet)

[[

Name of the Sub\_IE: (ControlResourceSet)

rb-Offset-r16 INTEGER (0..5) OPTIONAL, -- Need S

Name of the Sub\_IE: (ControlResourceSet)

tci-PresentDCI-1-2-r16 INTEGER (1..3) OPTIONAL, -- Need S

Name of the Sub\_IE: (ControlResourceSet)

coresetPoolIndex-r16 INTEGER (0..1) OPTIONAL, -- Need S

Name of the Sub\_IE: (ControlResourceSet)

controlResourceSetId-v1610 ControlResourceSetId-v1610 OPTIONAL -- Need S

Name of the Sub\_IE: (ControlResourceSet)

]],

Name of the Sub\_IE: (ControlResourceSet)

[[

Name of the Sub\_IE: (ControlResourceSet)

followUnifiedTCI-State-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (ControlResourceSet)

]]

Name of the IE: (CONTROLRESOURCESETID)

Name of the IE: (CONTROLRESOURCESETZERO)

Name of the IE: (CROSSCARRIERSCHEDULINGCONFIG)

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

schedulingCellInfo CHOICE {

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

own SEQUENCE { -- Cross carrier scheduling: scheduling cell

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

cif-Presence BOOLEAN

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

},

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

other SEQUENCE { -- Cross carrier scheduling: scheduled cell

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

schedulingCellId ServCellIndex,

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

cif-InSchedulingCell INTEGER (1..7)

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

},

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

...,

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

[[

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

carrierIndicatorSize-r16 SEQUENCE {

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

carrierIndicatorSizeDCI-1-2-r16 INTEGER (0..3),

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

carrierIndicatorSizeDCI-0-2-r16 INTEGER (0..3)

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

} OPTIONAL, -- Cond CIF-PRESENCE

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

enableDefaultBeamForCCS-r16 ENUMERATED {enabled} OPTIONAL -- Need S

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

]],

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

[[

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

ccs-BlindDetectionSplit-r17 ENUMERATED {oneSeventh, threeFourteenth, twoSeventh, threeSeventh,

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

oneHalf, fourSeventh, fiveSeventh, spare1} OPTIONAL -- Need R

Name of the Sub\_IE: (CrossCarrierSchedulingConfig)

]]

Name of the IE: (CSI-APERIODICTRIGGERSTATELIST)

Name of the Sub\_IE: (CSI-AperiodicTriggerStateList)

CSI-AperiodicTriggerStateList SEQUENCE (SIZE (1..maxNrOfCSI-AperiodicTriggers)) OF CSI-AperiodicTriggerState

Name of the Sub\_IE: (CSI-AperiodicTriggerState)

associatedReportConfigInfoList SEQUENCE (SIZE(1..maxNrofReportConfigPerAperiodicTrigger)) OF CSI-AssociatedReportConfigInfo,

Name of the Sub\_IE: (CSI-AperiodicTriggerState)

...,

Name of the Sub\_IE: (CSI-AperiodicTriggerState)

[[

Name of the Sub\_IE: (CSI-AperiodicTriggerState)

ap-CSI-MultiplexingMode-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-AperiodicTriggerState)

]]

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

reportConfigId CSI-ReportConfigId,

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

resourcesForChannel CHOICE {

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

nzp-CSI-RS SEQUENCE {

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

resourceSet INTEGER (1..maxNrofNZP-CSI-RS-ResourceSetsPerConfig),

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

qcl-info SEQUENCE (SIZE(1..maxNrofAP-CSI-RS-ResourcesPerSet)) OF TCI-StateId

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

OPTIONAL -- Cond Aperiodic

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

},

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

csi-SSB-ResourceSet INTEGER (1..maxNrofCSI-SSB-ResourceSetsPerConfig)

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

},

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

csi-IM-ResourcesForInterference INTEGER(1..maxNrofCSI-IM-ResourceSetsPerConfig) OPTIONAL, -- Cond CSI-IM-ForInterference

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

nzp-CSI-RS-ResourcesForInterference INTEGER (1..maxNrofNZP-CSI-RS-ResourceSetsPerConfig) OPTIONAL, -- Cond NZP-CSI-RS-ForInterference

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

...,

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

[[

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

resourcesForChannel2-r17 CHOICE {

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

nzp-CSI-RS2-r17 SEQUENCE {

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

resourceSet2-r17 INTEGER (1..maxNrofNZP-CSI-RS-ResourceSetsPerConfig),

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

qcl-info2-r17 SEQUENCE (SIZE(1..maxNrofAP-CSI-RS-ResourcesPerSet)) OF TCI-StateId

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

OPTIONAL -- Cond Aperiodic

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

},

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

csi-SSB-ResourceSet2-r17 INTEGER (1..maxNrofCSI-SSB-ResourceSetsPerConfigExt)

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

} OPTIONAL, -- Cond NoUnifiedTCI

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

csi-SSB-ResourceSetExt INTEGER (1..maxNrofCSI-SSB-ResourceSetsPerConfigExt) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-AssociatedReportConfigInfo)

]]

Name of the IE: (CSI-FREQUENCYOCCUPATION)

Name of the Sub\_IE: (CSI-FrequencyOccupation)

startingRB INTEGER (0..maxNrofPhysicalResourceBlocks-1),

Name of the Sub\_IE: (CSI-FrequencyOccupation)

nrofRBs INTEGER (24..maxNrofPhysicalResourceBlocksPlus1),

Name of the Sub\_IE: (CSI-FrequencyOccupation)

...

Name of the IE: (CSI-IM-RESOURCE)

Name of the Sub\_IE: (CSI-IM-Resource)

csi-IM-ResourceId CSI-IM-ResourceId,

Name of the Sub\_IE: (CSI-IM-Resource)

csi-IM-ResourceElementPattern CHOICE {

Name of the Sub\_IE: (CSI-IM-Resource)

pattern0 SEQUENCE {

Name of the Sub\_IE: (CSI-IM-Resource)

subcarrierLocation-p0 ENUMERATED { s0, s2, s4, s6, s8, s10 },

Name of the Sub\_IE: (CSI-IM-Resource)

symbolLocation-p0 INTEGER (0..12)

Name of the Sub\_IE: (CSI-IM-Resource)

},

Name of the Sub\_IE: (CSI-IM-Resource)

pattern1 SEQUENCE {

Name of the Sub\_IE: (CSI-IM-Resource)

subcarrierLocation-p1 ENUMERATED { s0, s4, s8 },

Name of the Sub\_IE: (CSI-IM-Resource)

symbolLocation-p1 INTEGER (0..13)

Name of the Sub\_IE: (CSI-IM-Resource)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (CSI-IM-Resource)

freqBand CSI-FrequencyOccupation OPTIONAL, -- Need M

Name of the Sub\_IE: (CSI-IM-Resource)

periodicityAndOffset CSI-ResourcePeriodicityAndOffset OPTIONAL, -- Cond PeriodicOrSemiPersistent

Name of the Sub\_IE: (CSI-IM-Resource)

...

Name of the IE: (CSI-IM-RESOURCEID)

Name of the IE: (CSI-IM-RESOURCESET)

Name of the Sub\_IE: (CSI-IM-ResourceSet)

csi-IM-ResourceSetId CSI-IM-ResourceSetId,

Name of the Sub\_IE: (CSI-IM-ResourceSet)

csi-IM-Resources SEQUENCE (SIZE(1..maxNrofCSI-IM-ResourcesPerSet)) OF CSI-IM-ResourceId,

Name of the Sub\_IE: (CSI-IM-ResourceSet)

...

Name of the IE: (CSI-IM-RESOURCESETID)

Name of the IE: (CSI-MEASCONFIG)

Name of the Sub\_IE: (CSI-MeasConfig)

nzp-CSI-RS-ResourceToAddModList SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-Resources)) OF NZP-CSI-RS-Resource OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

nzp-CSI-RS-ResourceToReleaseList SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-Resources)) OF NZP-CSI-RS-ResourceId OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

nzp-CSI-RS-ResourceSetToAddModList SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-ResourceSets)) OF NZP-CSI-RS-ResourceSet

Name of the Sub\_IE: (CSI-MeasConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

nzp-CSI-RS-ResourceSetToReleaseList SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-ResourceSets)) OF NZP-CSI-RS-ResourceSetId

Name of the Sub\_IE: (CSI-MeasConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-IM-ResourceToAddModList SEQUENCE (SIZE (1..maxNrofCSI-IM-Resources)) OF CSI-IM-Resource OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-IM-ResourceToReleaseList SEQUENCE (SIZE (1..maxNrofCSI-IM-Resources)) OF CSI-IM-ResourceId OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-IM-ResourceSetToAddModList SEQUENCE (SIZE (1..maxNrofCSI-IM-ResourceSets)) OF CSI-IM-ResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-IM-ResourceSetToReleaseList SEQUENCE (SIZE (1..maxNrofCSI-IM-ResourceSets)) OF CSI-IM-ResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-SSB-ResourceSetToAddModList SEQUENCE (SIZE (1..maxNrofCSI-SSB-ResourceSets)) OF CSI-SSB-ResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-SSB-ResourceSetToReleaseList SEQUENCE (SIZE (1..maxNrofCSI-SSB-ResourceSets)) OF CSI-SSB-ResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-ResourceConfigToAddModList SEQUENCE (SIZE (1..maxNrofCSI-ResourceConfigurations)) OF CSI-ResourceConfig

Name of the Sub\_IE: (CSI-MeasConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-ResourceConfigToReleaseList SEQUENCE (SIZE (1..maxNrofCSI-ResourceConfigurations)) OF CSI-ResourceConfigId

Name of the Sub\_IE: (CSI-MeasConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-ReportConfigToAddModList SEQUENCE (SIZE (1..maxNrofCSI-ReportConfigurations)) OF CSI-ReportConfig OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

csi-ReportConfigToReleaseList SEQUENCE (SIZE (1..maxNrofCSI-ReportConfigurations)) OF CSI-ReportConfigId

Name of the Sub\_IE: (CSI-MeasConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

reportTriggerSize INTEGER (0..6) OPTIONAL, -- Need M

Name of the Sub\_IE: (CSI-MeasConfig)

aperiodicTriggerStateList SetupRelease { CSI-AperiodicTriggerStateList } OPTIONAL, -- Need M

Name of the Sub\_IE: (CSI-MeasConfig)

semiPersistentOnPUSCH-TriggerStateList SetupRelease { CSI-SemiPersistentOnPUSCH-TriggerStateList } OPTIONAL, -- Need M

Name of the Sub\_IE: (CSI-MeasConfig)

...,

Name of the Sub\_IE: (CSI-MeasConfig)

[[

Name of the Sub\_IE: (CSI-MeasConfig)

reportTriggerSizeDCI-0-2-r16 INTEGER (0..6) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-MeasConfig)

]],

Name of the Sub\_IE: (CSI-MeasConfig)

[[

Name of the Sub\_IE: (CSI-MeasConfig)

sCellActivationRS-ConfigToAddModList-r17 SEQUENCE (SIZE (1..maxNrofSCellActRS-r17)) OF SCellActivationRS-Config-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

sCellActivationRS-ConfigToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofSCellActRS-r17)) OF SCellActivationRS-ConfigId-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (CSI-MeasConfig)

]]

Name of the IE: (CSI-REPORTCONFIG)

Name of the Sub\_IE: (CSI-ReportConfig)

reportConfigId CSI-ReportConfigId,

Name of the Sub\_IE: (CSI-ReportConfig)

carrier ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (CSI-ReportConfig)

resourcesForChannelMeasurement CSI-ResourceConfigId,

Name of the Sub\_IE: (CSI-ReportConfig)

csi-IM-ResourcesForInterference CSI-ResourceConfigId OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

nzp-CSI-RS-ResourcesForInterference CSI-ResourceConfigId OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportConfigType CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

periodic SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotConfig CSI-ReportPeriodicityAndOffset,

Name of the Sub\_IE: (CSI-ReportConfig)

pucch-CSI-ResourceList SEQUENCE (SIZE (1..maxNrofBWPs)) OF PUCCH-CSI-Resource

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

semiPersistentOnPUCCH SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotConfig CSI-ReportPeriodicityAndOffset,

Name of the Sub\_IE: (CSI-ReportConfig)

pucch-CSI-ResourceList SEQUENCE (SIZE (1..maxNrofBWPs)) OF PUCCH-CSI-Resource

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

semiPersistentOnPUSCH SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotConfig ENUMERATED {sl5, sl10, sl20, sl40, sl80, sl160, sl320},

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetList SEQUENCE (SIZE (1.. maxNrofUL-Allocations)) OF INTEGER(0..32),

Name of the Sub\_IE: (CSI-ReportConfig)

p0alpha P0-PUSCH-AlphaSetId

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

aperiodic SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetList SEQUENCE (SIZE (1..maxNrofUL-Allocations)) OF INTEGER(0..32)

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

reportQuantity CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

none NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RI-PMI-CQI NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RI-i1 NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RI-i1-CQI SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

pdsch-BundleSizeForCSI ENUMERATED {n2, n4} OPTIONAL -- Need S

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RI-CQI NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RSRP NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

ssb-Index-RSRP NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RI-LI-PMI-CQI NULL

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

reportFreqConfiguration SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

cqi-FormatIndicator ENUMERATED { widebandCQI, subbandCQI } OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

pmi-FormatIndicator ENUMERATED { widebandPMI, subbandPMI } OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

csi-ReportingBand CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

subbands3 BIT STRING(SIZE(3)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands4 BIT STRING(SIZE(4)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands5 BIT STRING(SIZE(5)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands6 BIT STRING(SIZE(6)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands7 BIT STRING(SIZE(7)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands8 BIT STRING(SIZE(8)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands9 BIT STRING(SIZE(9)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands10 BIT STRING(SIZE(10)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands11 BIT STRING(SIZE(11)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands12 BIT STRING(SIZE(12)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands13 BIT STRING(SIZE(13)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands14 BIT STRING(SIZE(14)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands15 BIT STRING(SIZE(15)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands16 BIT STRING(SIZE(16)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands17 BIT STRING(SIZE(17)),

Name of the Sub\_IE: (CSI-ReportConfig)

subbands18 BIT STRING(SIZE(18)),

Name of the Sub\_IE: (CSI-ReportConfig)

...,

Name of the Sub\_IE: (CSI-ReportConfig)

subbands19-v1530 BIT STRING(SIZE(19))

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL -- Need S

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

timeRestrictionForChannelMeasurements ENUMERATED {configured, notConfigured},

Name of the Sub\_IE: (CSI-ReportConfig)

timeRestrictionForInterferenceMeasurements ENUMERATED {configured, notConfigured},

Name of the Sub\_IE: (CSI-ReportConfig)

codebookConfig CodebookConfig OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

dummy ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

groupBasedBeamReporting CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

enabled NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

disabled SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

nrofReportedRS ENUMERATED {n1, n2, n3, n4} OPTIONAL -- Need S

Name of the Sub\_IE: (CSI-ReportConfig)

},

Name of the Sub\_IE: (CSI-ReportConfig)

cqi-Table ENUMERATED {table1, table2, table3, table4-r17} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

subbandSize ENUMERATED {value1, value2},

Name of the Sub\_IE: (CSI-ReportConfig)

non-PMI-PortIndication SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-ResourcesPerConfig)) OF PortIndexFor8Ranks OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

...,

Name of the Sub\_IE: (CSI-ReportConfig)

[[

Name of the Sub\_IE: (CSI-ReportConfig)

semiPersistentOnPUSCH-v1530 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotConfig-v1530 ENUMERATED {sl4, sl8, sl16}

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

]],

Name of the Sub\_IE: (CSI-ReportConfig)

[[

Name of the Sub\_IE: (CSI-ReportConfig)

semiPersistentOnPUSCH-v1610 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-2-r16 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..32) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-1-r16 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..32) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

aperiodic-v1610 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-2-r16 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..32) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-1-r16 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..32) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportQuantity-r16 CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

cri-SINR-r16 NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

ssb-Index-SINR-r16 NULL

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

codebookConfig-r16 CodebookConfig-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

]],

Name of the Sub\_IE: (CSI-ReportConfig)

[[

Name of the Sub\_IE: (CSI-ReportConfig)

cqi-BitsPerSubband-r17 ENUMERATED {bits4} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

groupBasedBeamReporting-v1710 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

nrofReportedGroups-r17 ENUMERATED {n1, n2, n3, n4}

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

codebookConfig-r17 CodebookConfig-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

sharedCMR-r17 ENUMERATED {enable} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

csi-ReportMode-r17 ENUMERATED {mode1, mode2} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

numberOfSingleTRP-CSI-Mode1-r17 ENUMERATED {n0, n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportQuantity-r17 CHOICE {

Name of the Sub\_IE: (CSI-ReportConfig)

cri-RSRP-Index-r17 NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

ssb-Index-RSRP-Index-r17 NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

cri-SINR-Index-r17 NULL,

Name of the Sub\_IE: (CSI-ReportConfig)

ssb-Index-SINR-Index-r17 NULL

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

]],

Name of the Sub\_IE: (CSI-ReportConfig)

[[

Name of the Sub\_IE: (CSI-ReportConfig)

semiPersistentOnPUSCH-v1720 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetList-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-2-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-1-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

aperiodic-v1720 SEQUENCE {

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetList-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-2-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

reportSlotOffsetListDCI-0-1-r17 SEQUENCE (SIZE (1.. maxNrofUL-Allocations-r16)) OF INTEGER(0..128) OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

]],

Name of the Sub\_IE: (CSI-ReportConfig)

[[

Name of the Sub\_IE: (CSI-ReportConfig)

codebookConfig-v1730 CodebookConfig-v1730 OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ReportConfig)

]]

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots4 INTEGER(0..3),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots5 INTEGER(0..4),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots8 INTEGER(0..7),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots10 INTEGER(0..9),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots16 INTEGER(0..15),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots20 INTEGER(0..19),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots40 INTEGER(0..39),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots80 INTEGER(0..79),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots160 INTEGER(0..159),

Name of the Sub\_IE: (CSI-ReportPeriodicityAndOffset)

slots320 INTEGER(0..319)

Name of the Sub\_IE: (PUCCH-CSI-Resource)

uplinkBandwidthPartId BWP-Id,

Name of the Sub\_IE: (PUCCH-CSI-Resource)

pucch-Resource PUCCH-ResourceId

Name of the Sub\_IE: (PortIndexFor8Ranks)

portIndex8 SEQUENCE{

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank1-8 PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank2-8 SEQUENCE(SIZE(2)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank3-8 SEQUENCE(SIZE(3)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank4-8 SEQUENCE(SIZE(4)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank5-8 SEQUENCE(SIZE(5)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank6-8 SEQUENCE(SIZE(6)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank7-8 SEQUENCE(SIZE(7)) OF PortIndex8 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank8-8 SEQUENCE(SIZE(8)) OF PortIndex8 OPTIONAL -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

},

Name of the Sub\_IE: (PortIndexFor8Ranks)

portIndex4 SEQUENCE{

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank1-4 PortIndex4 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank2-4 SEQUENCE(SIZE(2)) OF PortIndex4 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank3-4 SEQUENCE(SIZE(3)) OF PortIndex4 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank4-4 SEQUENCE(SIZE(4)) OF PortIndex4 OPTIONAL -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

},

Name of the Sub\_IE: (PortIndexFor8Ranks)

portIndex2 SEQUENCE{

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank1-2 PortIndex2 OPTIONAL, -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

rank2-2 SEQUENCE(SIZE(2)) OF PortIndex2 OPTIONAL -- Need R

Name of the Sub\_IE: (PortIndexFor8Ranks)

},

Name of the Sub\_IE: (PortIndexFor8Ranks)

portIndex1 NULL

Name of the IE: (CSI-REPORTCONFIGID)

Name of the IE: (CSI-RESOURCECONFIG)

Name of the Sub\_IE: (CSI-ResourceConfig)

csi-ResourceConfigId CSI-ResourceConfigId,

Name of the Sub\_IE: (CSI-ResourceConfig)

csi-RS-ResourceSetList CHOICE {

Name of the Sub\_IE: (CSI-ResourceConfig)

nzp-CSI-RS-SSB SEQUENCE {

Name of the Sub\_IE: (CSI-ResourceConfig)

nzp-CSI-RS-ResourceSetList SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-ResourceSetsPerConfig)) OF NZP-CSI-RS-ResourceSetId

Name of the Sub\_IE: (CSI-ResourceConfig)

OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-ResourceConfig)

csi-SSB-ResourceSetList SEQUENCE (SIZE (1..maxNrofCSI-SSB-ResourceSetsPerConfig)) OF CSI-SSB-ResourceSetId OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ResourceConfig)

},

Name of the Sub\_IE: (CSI-ResourceConfig)

csi-IM-ResourceSetList SEQUENCE (SIZE (1..maxNrofCSI-IM-ResourceSetsPerConfig)) OF CSI-IM-ResourceSetId

Name of the Sub\_IE: (CSI-ResourceConfig)

},

Name of the Sub\_IE: (CSI-ResourceConfig)

bwp-Id BWP-Id,

Name of the Sub\_IE: (CSI-ResourceConfig)

resourceType ENUMERATED { aperiodic, semiPersistent, periodic },

Name of the Sub\_IE: (CSI-ResourceConfig)

...,

Name of the Sub\_IE: (CSI-ResourceConfig)

[[

Name of the Sub\_IE: (CSI-ResourceConfig)

csi-SSB-ResourceSetListExt-r17 CSI-SSB-ResourceSetId OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-ResourceConfig)

]]

Name of the IE: (CSI-RESOURCECONFIGID)

Name of the IE: (CSI-RESOURCEPERIODICITYANDOFFSET)

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots4 INTEGER (0..3),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots5 INTEGER (0..4),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots8 INTEGER (0..7),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots10 INTEGER (0..9),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots16 INTEGER (0..15),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots20 INTEGER (0..19),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots32 INTEGER (0..31),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots40 INTEGER (0..39),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots64 INTEGER (0..63),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots80 INTEGER (0..79),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots160 INTEGER (0..159),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots320 INTEGER (0..319),

Name of the Sub\_IE: (CSI-ResourcePeriodicityAndOffset)

slots640 INTEGER (0..639)

Name of the IE: (CSI-RS-RESOURCECONFIGMOBILITY)

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

subcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

csi-RS-CellList-Mobility SEQUENCE (SIZE (1..maxNrofCSI-RS-CellsRRM)) OF CSI-RS-CellMobility,

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

...,

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

[[

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

refServCellIndex ServCellIndex OPTIONAL -- Need S

Name of the Sub\_IE: (CSI-RS-ResourceConfigMobility)

]]

Name of the Sub\_IE: (CSI-RS-CellMobility)

cellId PhysCellId,

Name of the Sub\_IE: (CSI-RS-CellMobility)

csi-rs-MeasurementBW SEQUENCE {

Name of the Sub\_IE: (CSI-RS-CellMobility)

nrofPRBs ENUMERATED { size24, size48, size96, size192, size264},

Name of the Sub\_IE: (CSI-RS-CellMobility)

startPRB INTEGER(0..2169)

Name of the Sub\_IE: (CSI-RS-CellMobility)

},

Name of the Sub\_IE: (CSI-RS-CellMobility)

density ENUMERATED {d1,d3} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-RS-CellMobility)

csi-rs-ResourceList-Mobility SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesRRM)) OF CSI-RS-Resource-Mobility

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

csi-RS-Index CSI-RS-Index,

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

slotConfig CHOICE {

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms4 INTEGER (0..31),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms5 INTEGER (0..39),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms10 INTEGER (0..79),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms20 INTEGER (0..159),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms40 INTEGER (0..319)

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

},

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

associatedSSB SEQUENCE {

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ssb-Index SSB-Index,

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

isQuasiColocated BOOLEAN

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

frequencyDomainAllocation CHOICE {

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

row1 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

row2 BIT STRING (SIZE (12))

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

},

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

firstOFDMSymbolInTimeDomain INTEGER (0..13),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

sequenceGenerationConfig INTEGER (0..1023),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

...,

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

[[

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

slotConfig-r17 CHOICE {

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms4 INTEGER (0..255),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms5 INTEGER (0..319),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms10 INTEGER (0..639),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms20 INTEGER (0..1279),

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

ms40 INTEGER (0..2559)

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-RS-Resource-Mobility)

]]

Name of the IE: (CSI-RS-RESOURCEMAPPING)

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

frequencyDomainAllocation CHOICE {

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

row1 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

row2 BIT STRING (SIZE (12)),

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

row4 BIT STRING (SIZE (3)),

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

other BIT STRING (SIZE (6))

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

},

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

nrofPorts ENUMERATED {p1,p2,p4,p8,p12,p16,p24,p32},

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

firstOFDMSymbolInTimeDomain INTEGER (0..13),

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

firstOFDMSymbolInTimeDomain2 INTEGER (2..12) OPTIONAL, -- Need R

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

cdm-Type ENUMERATED {noCDM, fd-CDM2, cdm4-FD2-TD2, cdm8-FD2-TD4},

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

density CHOICE {

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

dot5 ENUMERATED {evenPRBs, oddPRBs},

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

one NULL,

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

three NULL,

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

spare NULL

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

},

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

freqBand CSI-FrequencyOccupation,

Name of the Sub\_IE: (CSI-RS-ResourceMapping)

...

Name of the IE: (CSI-SEMIPERSISTENTONPUSCHTRIGGERSTATELIST)

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerStateList)

CSI-SemiPersistentOnPUSCH-TriggerStateList SEQUENCE (SIZE (1..maxNrOfSemiPersistentPUSCH-Triggers)) OF CSI-SemiPersistentOnPUSCH-TriggerState

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerState)

associatedReportConfigInfo CSI-ReportConfigId,

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerState)

...,

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerState)

[[

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerState)

sp-CSI-MultiplexingMode-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-SemiPersistentOnPUSCH-TriggerState)

]]

Name of the IE: (CSI-SSB-RESOURCESET)

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

csi-SSB-ResourceSetId CSI-SSB-ResourceSetId,

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

csi-SSB-ResourceList SEQUENCE (SIZE(1..maxNrofCSI-SSB-ResourcePerSet)) OF SSB-Index,

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

...,

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

[[

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

servingAdditionalPCIList-r17 SEQUENCE (SIZE(1..maxNrofCSI-SSB-ResourcePerSet)) OF ServingAdditionalPCIIndex-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (CSI-SSB-ResourceSet)

]]

Name of the IE: (CSI-SSB-RESOURCESETID)

Name of the IE: (DEDICATED-NAS-MESSAGE)

Name of the IE: (DL-PPW-PRECONFIG)

Name of the Sub\_IE: (DL-PPW-PreConfig-r17)

dl-PPW-ID-r17 DL-PPW-ID-r17,

Name of the Sub\_IE: (DL-PPW-PreConfig-r17)

dl-PPW-PeriodicityAndStartSlot-r17 DL-PPW-PeriodicityAndStartSlot-r17,

Name of the Sub\_IE: (DL-PPW-PreConfig-r17)

length-r17 INTEGER (1..160),

Name of the Sub\_IE: (DL-PPW-PreConfig-r17)

type-r17 ENUMERATED {type1A, type1B, type2} OPTIONAL, -- Cond MultiType

Name of the Sub\_IE: (DL-PPW-PreConfig-r17)

priority-r17 ENUMERATED {st1, st2, st3} OPTIONAL -- Cond MultiState

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

scs15 CHOICE {

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n4 INTEGER (0..3),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n5 INTEGER (0..4),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n8 INTEGER (0..7),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10 INTEGER (0..9),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n16 INTEGER (0..15),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20 INTEGER (0..19),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n32 INTEGER (0..31),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40 INTEGER (0..39),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n64 INTEGER (0..63),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n80 INTEGER (0..79),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n160 INTEGER (0..159),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n320 INTEGER (0..319),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n640 INTEGER (0..639),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n1280 INTEGER (0..1279),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n2560 INTEGER (0..2559),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n5120 INTEGER (0..5119),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10240 INTEGER (0..10239),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

...

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

},

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

scs30 CHOICE {

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n8 INTEGER (0..7),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10 INTEGER (0..9),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n16 INTEGER (0..15),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20 INTEGER (0..19),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n32 INTEGER (0..31),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40 INTEGER (0..39),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n64 INTEGER (0..63),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n80 INTEGER (0..79),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n128 INTEGER (0..127),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n160 INTEGER (0..159),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n320 INTEGER (0..319),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n640 INTEGER (0..639),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n1280 INTEGER (0..1279),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n2560 INTEGER (0..2559),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n5120 INTEGER (0..5119),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10240 INTEGER (0..10239),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20480 INTEGER (0..20479),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

...

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

},

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

scs60 CHOICE {

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n16 INTEGER (0..15),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20 INTEGER (0..19),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n32 INTEGER (0..31),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40 INTEGER (0..39),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n64 INTEGER (0..63),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n80 INTEGER (0..79),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n128 INTEGER (0..127),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n160 INTEGER (0..159),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n256 INTEGER (0..255),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n320 INTEGER (0..319),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n640 INTEGER (0..639),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n1280 INTEGER (0..1279),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n2560 INTEGER (0..2559),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n5120 INTEGER (0..5119),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10240 INTEGER (0..10239),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20480 INTEGER (0..20479),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40960 INTEGER (0..40959),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

...

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

},

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

scs120 CHOICE {

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n32 INTEGER (0..31),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40 INTEGER (0..39),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n64 INTEGER (0..63),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n80 INTEGER (0..79),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n128 INTEGER (0..127),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n160 INTEGER (0..159),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n256 INTEGER (0..255),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n320 INTEGER (0..319),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n512 INTEGER (0..511),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n640 INTEGER (0..639),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n1280 INTEGER (0..1279),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n2560 INTEGER (0..2559),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n5120 INTEGER (0..5119),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n10240 INTEGER (0..10239),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n20480 INTEGER (0..20479),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n40960 INTEGER (0..40959),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

n81920 INTEGER (0..81919),

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

...

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

},

Name of the Sub\_IE: (DL-PPW-PeriodicityAndStartSlot-r17)

...

Name of the IE: (DMRS-BUNDLINGPUCCH-CONFIG)

Name of the Sub\_IE: (DMRS-BundlingPUCCH-Config-r17)

pucch-DMRS-Bundling-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-BundlingPUCCH-Config-r17)

pucch-TimeDomainWindowLength-r17 INTEGER (2..8) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-BundlingPUCCH-Config-r17)

pucch-WindowRestart-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-BundlingPUCCH-Config-r17)

pucch-FrequencyHoppingInterval-r17 ENUMERATED {s2, s4, s5, s10} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-BundlingPUCCH-Config-r17)

...

Name of the IE: (DMRS-BUNDLINGPUSCH-CONFIG)

Name of the Sub\_IE: (DMRS-BundlingPUSCH-Config-r17)

pusch-DMRS-Bundling-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-BundlingPUSCH-Config-r17)

pusch-TimeDomainWindowLength-r17 INTEGER (2..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-BundlingPUSCH-Config-r17)

pusch-WindowRestart-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-BundlingPUSCH-Config-r17)

pusch-FrequencyHoppingInterval-r17 ENUMERATED {s2, s4, s5, s6, s8, s10, s12, s14, s16, s20} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-BundlingPUSCH-Config-r17)

...

Name of the IE: (DMRS-DOWNLINKCONFIG)

Name of the Sub\_IE: (DMRS-DownlinkConfig)

dmrs-Type ENUMERATED {type2} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-DownlinkConfig)

dmrs-AdditionalPosition ENUMERATED {pos0, pos1, pos3} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-DownlinkConfig)

maxLength ENUMERATED {len2} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-DownlinkConfig)

scramblingID0 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-DownlinkConfig)

scramblingID1 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-DownlinkConfig)

phaseTrackingRS SetupRelease { PTRS-DownlinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (DMRS-DownlinkConfig)

...,

Name of the Sub\_IE: (DMRS-DownlinkConfig)

[[

Name of the Sub\_IE: (DMRS-DownlinkConfig)

dmrs-Downlink-r16 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (DMRS-DownlinkConfig)

]]

Name of the IE: (DMRS-UPLINKCONFIG)

Name of the Sub\_IE: (DMRS-UplinkConfig)

dmrs-Type ENUMERATED {type2} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

dmrs-AdditionalPosition ENUMERATED {pos0, pos1, pos3} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

phaseTrackingRS SetupRelease { PTRS-UplinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (DMRS-UplinkConfig)

maxLength ENUMERATED {len2} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

transformPrecodingDisabled SEQUENCE {

Name of the Sub\_IE: (DMRS-UplinkConfig)

scramblingID0 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

scramblingID1 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

...,

Name of the Sub\_IE: (DMRS-UplinkConfig)

[[

Name of the Sub\_IE: (DMRS-UplinkConfig)

dmrs-Uplink-r16 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (DMRS-UplinkConfig)

]]

Name of the Sub\_IE: (DMRS-UplinkConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-UplinkConfig)

transformPrecodingEnabled SEQUENCE {

Name of the Sub\_IE: (DMRS-UplinkConfig)

nPUSCH-Identity INTEGER(0..1007) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

sequenceGroupHopping ENUMERATED {disabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

sequenceHopping ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkConfig)

...,

Name of the Sub\_IE: (DMRS-UplinkConfig)

[[

Name of the Sub\_IE: (DMRS-UplinkConfig)

dmrs-UplinkTransformPrecoding-r16 SetupRelease {DMRS-UplinkTransformPrecoding-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (DMRS-UplinkConfig)

]]

Name of the Sub\_IE: (DMRS-UplinkConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (DMRS-UplinkConfig)

...

Name of the Sub\_IE: (DMRS-UplinkTransformPrecoding-r16)

pi2BPSK-ScramblingID0 INTEGER(0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (DMRS-UplinkTransformPrecoding-r16)

pi2BPSK-ScramblingID1 INTEGER(0..65535) OPTIONAL -- Need S

Name of the IE: (DOWNLINKCONFIGCOMMON)

Name of the Sub\_IE: (DownlinkConfigCommon)

frequencyInfoDL FrequencyInfoDL OPTIONAL, -- Cond InterFreqHOAndServCellAdd

Name of the Sub\_IE: (DownlinkConfigCommon)

initialDownlinkBWP BWP-DownlinkCommon OPTIONAL, -- Cond ServCellAdd

Name of the Sub\_IE: (DownlinkConfigCommon)

...,

Name of the Sub\_IE: (DownlinkConfigCommon)

[[

Name of the Sub\_IE: (DownlinkConfigCommon)

initialDownlinkBWP-RedCap-r17 BWP-DownlinkCommon OPTIONAL -- Need R

Name of the Sub\_IE: (DownlinkConfigCommon)

]]

Name of the IE: (DOWNLINKCONFIGCOMMONSIB)

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

frequencyInfoDL FrequencyInfoDL-SIB,

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

initialDownlinkBWP BWP-DownlinkCommon,

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

bcch-Config BCCH-Config,

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

pcch-Config PCCH-Config,

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

...,

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

[[

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

pei-Config-r17 PEI-Config-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

initialDownlinkBWP-RedCap-r17 BWP-DownlinkCommon OPTIONAL -- Need R

Name of the Sub\_IE: (DownlinkConfigCommonSIB)

]]

Name of the Sub\_IE: (BCCH-Config)

modificationPeriodCoeff ENUMERATED {n2, n4, n8, n16},

Name of the Sub\_IE: (BCCH-Config)

...

Name of the Sub\_IE: (PCCH-Config)

defaultPagingCycle PagingCycle,

Name of the Sub\_IE: (PCCH-Config)

nAndPagingFrameOffset CHOICE {

Name of the Sub\_IE: (PCCH-Config)

oneT NULL,

Name of the Sub\_IE: (PCCH-Config)

halfT INTEGER (0..1),

Name of the Sub\_IE: (PCCH-Config)

quarterT INTEGER (0..3),

Name of the Sub\_IE: (PCCH-Config)

oneEighthT INTEGER (0..7),

Name of the Sub\_IE: (PCCH-Config)

oneSixteenthT INTEGER (0..15)

Name of the Sub\_IE: (PCCH-Config)

},

Name of the Sub\_IE: (PCCH-Config)

ns ENUMERATED {four, two, one},

Name of the Sub\_IE: (PCCH-Config)

firstPDCCH-MonitoringOccasionOfPO CHOICE {

Name of the Sub\_IE: (PCCH-Config)

sCS15KHZoneT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..139),

Name of the Sub\_IE: (PCCH-Config)

sCS30KHZoneT-SCS15KHZhalfT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..279),

Name of the Sub\_IE: (PCCH-Config)

sCS60KHZoneT-SCS30KHZhalfT-SCS15KHZquarterT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..559),

Name of the Sub\_IE: (PCCH-Config)

sCS120KHZoneT-SCS60KHZhalfT-SCS30KHZquarterT-SCS15KHZoneEighthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..1119),

Name of the Sub\_IE: (PCCH-Config)

sCS120KHZhalfT-SCS60KHZquarterT-SCS30KHZoneEighthT-SCS15KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..2239),

Name of the Sub\_IE: (PCCH-Config)

sCS480KHZoneT-SCS120KHZquarterT-SCS60KHZoneEighthT-SCS30KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..4479),

Name of the Sub\_IE: (PCCH-Config)

sCS480KHZhalfT-SCS120KHZoneEighthT-SCS60KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..8959),

Name of the Sub\_IE: (PCCH-Config)

sCS480KHZquarterT-SCS120KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..17919)

Name of the Sub\_IE: (PCCH-Config)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PCCH-Config)

...,

Name of the Sub\_IE: (PCCH-Config)

[[

Name of the Sub\_IE: (PCCH-Config)

nrofPDCCH-MonitoringOccasionPerSSB-InPO-r16 INTEGER (2..4) OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (PCCH-Config)

]],

Name of the Sub\_IE: (PCCH-Config)

[[

Name of the Sub\_IE: (PCCH-Config)

ranPagingInIdlePO-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PCCH-Config)

firstPDCCH-MonitoringOccasionOfPO-v1710 CHOICE {

Name of the Sub\_IE: (PCCH-Config)

sCS480KHZoneEighthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..35839),

Name of the Sub\_IE: (PCCH-Config)

sCS480KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..71679)

Name of the Sub\_IE: (PCCH-Config)

} OPTIONAL -- Need R

Name of the Sub\_IE: (PCCH-Config)

]]

Name of the Sub\_IE: (PEI-Config-r17)

po-NumPerPEI-r17 ENUMERATED {po1, po2, po4, po8},

Name of the Sub\_IE: (PEI-Config-r17)

payloadSizeDCI-2-7-r17 INTEGER (1..maxDCI-2-7-Size-r17),

Name of the Sub\_IE: (PEI-Config-r17)

pei-FrameOffset-r17 INTEGER (0..16),

Name of the Sub\_IE: (PEI-Config-r17)

subgroupConfig-r17 SubgroupConfig-r17,

Name of the Sub\_IE: (PEI-Config-r17)

lastUsedCellOnly-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PEI-Config-r17)

...

Name of the Sub\_IE: (SubgroupConfig-r17)

subgroupsNumPerPO-r17 INTEGER (1.. maxNrofPagingSubgroups-r17),

Name of the Sub\_IE: (SubgroupConfig-r17)

subgroupsNumForUEID-r17 INTEGER (1.. maxNrofPagingSubgroups-r17) OPTIONAL, -- Need S

Name of the Sub\_IE: (SubgroupConfig-r17)

...

Name of the IE: (DOWNLINKPREEMPTION)

Name of the Sub\_IE: (DownlinkPreemption)

int-RNTI RNTI-Value,

Name of the Sub\_IE: (DownlinkPreemption)

timeFrequencySet ENUMERATED {set0, set1},

Name of the Sub\_IE: (DownlinkPreemption)

dci-PayloadSize INTEGER (0..maxINT-DCI-PayloadSize),

Name of the Sub\_IE: (DownlinkPreemption)

int-ConfigurationPerServingCell SEQUENCE (SIZE (1..maxNrofServingCells)) OF INT-ConfigurationPerServingCell,

Name of the Sub\_IE: (DownlinkPreemption)

...

Name of the Sub\_IE: (INT-ConfigurationPerServingCell)

servingCellId ServCellIndex,

Name of the Sub\_IE: (INT-ConfigurationPerServingCell)

positionInDCI INTEGER (0..maxINT-DCI-PayloadSize-1)

Name of the IE: (DRB-IDENTITY)

Name of the IE: (DRX-CONFIG)

Name of the Sub\_IE: (DRX-Config)

drx-onDurationTimer CHOICE {

Name of the Sub\_IE: (DRX-Config)

subMilliSeconds INTEGER (1..31),

Name of the Sub\_IE: (DRX-Config)

milliSeconds ENUMERATED {

Name of the Sub\_IE: (DRX-Config)

ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60,

Name of the Sub\_IE: (DRX-Config)

ms80, ms100, ms200, ms300, ms400, ms500, ms600, ms800, ms1000, ms1200,

Name of the Sub\_IE: (DRX-Config)

ms1600, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 }

Name of the Sub\_IE: (DRX-Config)

},

Name of the Sub\_IE: (DRX-Config)

drx-InactivityTimer ENUMERATED {

Name of the Sub\_IE: (DRX-Config)

ms0, ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60, ms80,

Name of the Sub\_IE: (DRX-Config)

ms100, ms200, ms300, ms500, ms750, ms1280, ms1920, ms2560, spare9, spare8,

Name of the Sub\_IE: (DRX-Config)

spare7, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (DRX-Config)

drx-HARQ-RTT-TimerDL INTEGER (0..56),

Name of the Sub\_IE: (DRX-Config)

drx-HARQ-RTT-TimerUL INTEGER (0..56),

Name of the Sub\_IE: (DRX-Config)

drx-RetransmissionTimerDL ENUMERATED {

Name of the Sub\_IE: (DRX-Config)

sl0, sl1, sl2, sl4, sl6, sl8, sl16, sl24, sl33, sl40, sl64, sl80, sl96, sl112, sl128,

Name of the Sub\_IE: (DRX-Config)

sl160, sl320, spare15, spare14, spare13, spare12, spare11, spare10, spare9,

Name of the Sub\_IE: (DRX-Config)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (DRX-Config)

drx-RetransmissionTimerUL ENUMERATED {

Name of the Sub\_IE: (DRX-Config)

sl0, sl1, sl2, sl4, sl6, sl8, sl16, sl24, sl33, sl40, sl64, sl80, sl96, sl112, sl128,

Name of the Sub\_IE: (DRX-Config)

sl160, sl320, spare15, spare14, spare13, spare12, spare11, spare10, spare9,

Name of the Sub\_IE: (DRX-Config)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 },

Name of the Sub\_IE: (DRX-Config)

drx-LongCycleStartOffset CHOICE {

Name of the Sub\_IE: (DRX-Config)

ms10 INTEGER(0..9),

Name of the Sub\_IE: (DRX-Config)

ms20 INTEGER(0..19),

Name of the Sub\_IE: (DRX-Config)

ms32 INTEGER(0..31),

Name of the Sub\_IE: (DRX-Config)

ms40 INTEGER(0..39),

Name of the Sub\_IE: (DRX-Config)

ms60 INTEGER(0..59),

Name of the Sub\_IE: (DRX-Config)

ms64 INTEGER(0..63),

Name of the Sub\_IE: (DRX-Config)

ms70 INTEGER(0..69),

Name of the Sub\_IE: (DRX-Config)

ms80 INTEGER(0..79),

Name of the Sub\_IE: (DRX-Config)

ms128 INTEGER(0..127),

Name of the Sub\_IE: (DRX-Config)

ms160 INTEGER(0..159),

Name of the Sub\_IE: (DRX-Config)

ms256 INTEGER(0..255),

Name of the Sub\_IE: (DRX-Config)

ms320 INTEGER(0..319),

Name of the Sub\_IE: (DRX-Config)

ms512 INTEGER(0..511),

Name of the Sub\_IE: (DRX-Config)

ms640 INTEGER(0..639),

Name of the Sub\_IE: (DRX-Config)

ms1024 INTEGER(0..1023),

Name of the Sub\_IE: (DRX-Config)

ms1280 INTEGER(0..1279),

Name of the Sub\_IE: (DRX-Config)

ms2048 INTEGER(0..2047),

Name of the Sub\_IE: (DRX-Config)

ms2560 INTEGER(0..2559),

Name of the Sub\_IE: (DRX-Config)

ms5120 INTEGER(0..5119),

Name of the Sub\_IE: (DRX-Config)

ms10240 INTEGER(0..10239)

Name of the Sub\_IE: (DRX-Config)

},

Name of the Sub\_IE: (DRX-Config)

shortDRX SEQUENCE {

Name of the Sub\_IE: (DRX-Config)

drx-ShortCycle ENUMERATED {

Name of the Sub\_IE: (DRX-Config)

ms2, ms3, ms4, ms5, ms6, ms7, ms8, ms10, ms14, ms16, ms20, ms30, ms32,

Name of the Sub\_IE: (DRX-Config)

ms35, ms40, ms64, ms80, ms128, ms160, ms256, ms320, ms512, ms640, spare9,

Name of the Sub\_IE: (DRX-Config)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 },

Name of the Sub\_IE: (DRX-Config)

drx-ShortCycleTimer INTEGER (1..16)

Name of the Sub\_IE: (DRX-Config)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (DRX-Config)

drx-SlotOffset INTEGER (0..31)

Name of the Sub\_IE: (DRX-ConfigExt-v1700)

drx-HARQ-RTT-TimerDL-r17 INTEGER (0..448),

Name of the Sub\_IE: (DRX-ConfigExt-v1700)

drx-HARQ-RTT-TimerUL-r17 INTEGER (0..448)

Name of the IE: (DRX-CONFIGSECONDARYGROUP)

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

drx-onDurationTimer-r16 CHOICE {

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

subMilliSeconds INTEGER (1..31),

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

milliSeconds ENUMERATED {

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60,

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

ms80, ms100, ms200, ms300, ms400, ms500, ms600, ms800, ms1000, ms1200,

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

ms1600, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 }

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

},

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

drx-InactivityTimer-r16 ENUMERATED {

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

ms0, ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60, ms80,

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

ms100, ms200, ms300, ms500, ms750, ms1280, ms1920, ms2560, spare9, spare8,

Name of the Sub\_IE: (DRX-ConfigSecondaryGroup-r16)

spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (DRX-CONFIGSL)

Name of the Sub\_IE: (DRX-ConfigSL-r17)

drx-HARQ-RTT-TimerSL-r17 INTEGER (0..56),

Name of the Sub\_IE: (DRX-ConfigSL-r17)

drx-RetransmissionTimerSL-r17 ENUMERATED {sl0, sl1, sl2, sl4, sl6, sl8, sl16, sl24, sl33, sl40, sl64, sl80, sl96, sl112, sl128,

Name of the Sub\_IE: (DRX-ConfigSL-r17)

sl160, sl320, spare15, spare14, spare13, spare12, spare11, spare10, spare9, spare8,

Name of the Sub\_IE: (DRX-ConfigSL-r17)

spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (EPHEMERISINFO)

Name of the Sub\_IE: (EphemerisInfo-r17)

positionVelocity-r17 PositionVelocity-r17,

Name of the Sub\_IE: (EphemerisInfo-r17)

orbital-r17 Orbital-r17

Name of the Sub\_IE: (PositionVelocity-r17)

positionX-r17 PositionStateVector-r17,

Name of the Sub\_IE: (PositionVelocity-r17)

positionY-r17 PositionStateVector-r17,

Name of the Sub\_IE: (PositionVelocity-r17)

positionZ-r17 PositionStateVector-r17,

Name of the Sub\_IE: (PositionVelocity-r17)

velocityVX-r17 VelocityStateVector-r17,

Name of the Sub\_IE: (PositionVelocity-r17)

velocityVY-r17 VelocityStateVector-r17,

Name of the Sub\_IE: (PositionVelocity-r17)

velocityVZ-r17 VelocityStateVector-r17

Name of the Sub\_IE: (Orbital-r17)

semiMajorAxis-r17 INTEGER (0..8589934591),

Name of the Sub\_IE: (Orbital-r17)

eccentricity-r17 INTEGER (0..1048575),

Name of the Sub\_IE: (Orbital-r17)

periapsis-r17 INTEGER (0..268435455),

Name of the Sub\_IE: (Orbital-r17)

longitude-r17 INTEGER (0..268435455),

Name of the Sub\_IE: (Orbital-r17)

inclination-r17 INTEGER (-67108864..67108863),

Name of the Sub\_IE: (Orbital-r17)

meanAnomaly-r17 INTEGER (0..268435455)

Name of the IE: (FEATURECOMBINATION)

Name of the Sub\_IE: (FeatureCombination-r17)

redCap-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

smallData-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

nsag-r17 NSAG-List-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

msg3-Repetitions-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

spare4 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

spare3 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

spare2 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombination-r17)

spare1 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (NSAG-List-r17)

NSAG-List-r17 SEQUENCE (SIZE (1.. maxSliceInfo-r17)) OF NSAG-ID-r17

Name of the IE: (FEATURECOMBINATIONPREAMBLES)

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

featureCombination-r17 FeatureCombination-r17,

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

startPreambleForThisPartition-r17 INTEGER (0..63),

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

numberOfPreamblesPerSSB-ForThisPartition-r17 INTEGER (1..64),

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

ssb-SharedRO-MaskIndex-r17 INTEGER (1..15) OPTIONAL, -- Need S

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

groupBconfigured-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

ra-SizeGroupA-r17 ENUMERATED {b56, b144, b208, b256, b282, b480, b640,

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

b800, b1000, b72, spare6, spare5,spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

messagePowerOffsetGroupB-r17 ENUMERATED { minusinfinity, dB0, dB5, dB8, dB10, dB12, dB15, dB18},

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

numberOfRA-PreamblesGroupA-r17 INTEGER (1..64)

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

separateMsgA-PUSCH-Config-r17 MsgA-PUSCH-Config-r16 OPTIONAL, -- Cond MsgAConfigCommon

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

msgA-RSRP-Threshold-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

rsrp-ThresholdSSB-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

deltaPreamble-r17 INTEGER (-1..6) OPTIONAL, -- Need R

Name of the Sub\_IE: (FeatureCombinationPreambles-r17)

...

Name of the IE: (FILTERCOEFFICIENT)

Name of the Sub\_IE: (FilterCoefficient)

FilterCoefficient ENUMERATED { fc0, fc1, fc2, fc3, fc4, fc5, fc6, fc7, fc8, fc9, fc11, fc13, fc15, fc17, fc19, spare1, ...}

Name of the IE: (FREQBANDINDICATORNR)

Name of the IE: (FREQPRIORITYLISTDEDICATEDSLICING)

Name of the Sub\_IE: (FreqPriorityListDedicatedSlicing-r17)

FreqPriorityListDedicatedSlicing-r17 SEQUENCE (SIZE (1.. maxFreq)) OF FreqPriorityDedicatedSlicing-r17

Name of the Sub\_IE: (FreqPriorityDedicatedSlicing-r17)

dl-ExplicitCarrierFreq-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (FreqPriorityDedicatedSlicing-r17)

sliceInfoListDedicated-r17 SliceInfoListDedicated-r17 OPTIONAL -- Cond Mandatory

Name of the Sub\_IE: (SliceInfoListDedicated-r17)

SliceInfoListDedicated-r17 SEQUENCE (SIZE (1..maxSliceInfo-r17)) OF SliceInfoDedicated-r17

Name of the Sub\_IE: (SliceInfoDedicated-r17)

nsag-IdentityInfo-r17 NSAG-IdentityInfo-r17,

Name of the Sub\_IE: (SliceInfoDedicated-r17)

nsag-CellReselectionPriority-r17 CellReselectionPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (SliceInfoDedicated-r17)

nsag-CellReselectionSubPriority-r17 CellReselectionSubPriority OPTIONAL -- Need R

Name of the IE: (FREQPRIORITYLISTSLICING)

Name of the Sub\_IE: (FreqPriorityListSlicing-r17)

FreqPriorityListSlicing-r17 SEQUENCE (SIZE (1..maxFreqPlus1)) OF FreqPrioritySlicing-r17

Name of the Sub\_IE: (FreqPrioritySlicing-r17)

dl-ImplicitCarrierFreq-r17 INTEGER (0..maxFreq),

Name of the Sub\_IE: (FreqPrioritySlicing-r17)

sliceInfoList-r17 SliceInfoList-r17 OPTIONAL -- Cond Mandatory

Name of the Sub\_IE: (SliceInfoList-r17)

SliceInfoList-r17 SEQUENCE (SIZE (1..maxSliceInfo-r17)) OF SliceInfo-r17

Name of the Sub\_IE: (SliceInfo-r17)

nsag-IdentityInfo-r17 NSAG-IdentityInfo-r17,

Name of the Sub\_IE: (SliceInfo-r17)

nsag-CellReselectionPriority-r17 CellReselectionPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (SliceInfo-r17)

nsag-CellReselectionSubPriority-r17 CellReselectionSubPriority OPTIONAL, -- Need R

Name of the Sub\_IE: (SliceInfo-r17)

sliceCellListNR-r17 CHOICE {

Name of the Sub\_IE: (SliceInfo-r17)

sliceAllowedCellListNR-r17 SliceCellListNR-r17,

Name of the Sub\_IE: (SliceInfo-r17)

sliceExcludedCellListNR-r17 SliceCellListNR-r17

Name of the Sub\_IE: (SliceInfo-r17)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SliceCellListNR-r17)

SliceCellListNR-r17 SEQUENCE (SIZE (1..maxCellSlice-r17)) OF PCI-Range

Name of the IE: (FREQUENCYINFODL)

Name of the Sub\_IE: (FrequencyInfoDL)

absoluteFrequencySSB ARFCN-ValueNR OPTIONAL, -- Cond SpCellAdd

Name of the Sub\_IE: (FrequencyInfoDL)

frequencyBandList MultiFrequencyBandListNR,

Name of the Sub\_IE: (FrequencyInfoDL)

absoluteFrequencyPointA ARFCN-ValueNR,

Name of the Sub\_IE: (FrequencyInfoDL)

scs-SpecificCarrierList SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier,

Name of the Sub\_IE: (FrequencyInfoDL)

...

Name of the IE: (FREQUENCYINFODL-SIB)

Name of the Sub\_IE: (FrequencyInfoDL-SIB)

frequencyBandList MultiFrequencyBandListNR-SIB,

Name of the Sub\_IE: (FrequencyInfoDL-SIB)

offsetToPointA INTEGER (0..2199),

Name of the Sub\_IE: (FrequencyInfoDL-SIB)

scs-SpecificCarrierList SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier

Name of the IE: (FREQUENCYINFOUL)

Name of the Sub\_IE: (FrequencyInfoUL)

frequencyBandList MultiFrequencyBandListNR OPTIONAL, -- Cond FDD-OrSUL

Name of the Sub\_IE: (FrequencyInfoUL)

absoluteFrequencyPointA ARFCN-ValueNR OPTIONAL, -- Cond FDD-OrSUL

Name of the Sub\_IE: (FrequencyInfoUL)

scs-SpecificCarrierList SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier,

Name of the Sub\_IE: (FrequencyInfoUL)

additionalSpectrumEmission AdditionalSpectrumEmission OPTIONAL, -- Need S

Name of the Sub\_IE: (FrequencyInfoUL)

p-Max P-Max OPTIONAL, -- Need S

Name of the Sub\_IE: (FrequencyInfoUL)

frequencyShift7p5khz ENUMERATED {true} OPTIONAL, -- Cond FDD-TDD-OrSUL-Optional

Name of the Sub\_IE: (FrequencyInfoUL)

...

Name of the IE: (FREQUENCYINFOUL-SIB)

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

frequencyBandList MultiFrequencyBandListNR-SIB OPTIONAL, -- Cond FDD-OrSUL

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

absoluteFrequencyPointA ARFCN-ValueNR OPTIONAL, -- Cond FDD-OrSUL

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

scs-SpecificCarrierList SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier,

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

p-Max P-Max OPTIONAL, -- Need S

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

frequencyShift7p5khz ENUMERATED {true} OPTIONAL, -- Cond FDD-TDD-OrSUL-Optional

Name of the Sub\_IE: (FrequencyInfoUL-SIB)

...

Name of the IE: (GAPPRIORITY)

Name of the IE: (HIGHSPEEDCONFIG)

Name of the Sub\_IE: (HighSpeedConfig-r16)

highSpeedMeasFlag-r16 ENUMERATED {true} OPTIONAL, -- Cond SpCellOnly

Name of the Sub\_IE: (HighSpeedConfig-r16)

highSpeedDemodFlag-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (HighSpeedConfig-r16)

...

Name of the Sub\_IE: (HighSpeedConfig-v1700)

highSpeedMeasCA-Scell-r17 ENUMERATED {true} OPTIONAL, -- Cond SCellOnly

Name of the Sub\_IE: (HighSpeedConfig-v1700)

highSpeedMeasInterFreq-r17 ENUMERATED {true} OPTIONAL, -- Cond SpCellOnly2

Name of the Sub\_IE: (HighSpeedConfig-v1700)

highSpeedDemodCA-Scell-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (HighSpeedConfig-v1700)

...

Name of the Sub\_IE: (HighSpeedConfigFR2-r17)

highSpeedMeasFlagFR2-r17 ENUMERATED {set1, set2} OPTIONAL, -- Need R

Name of the Sub\_IE: (HighSpeedConfigFR2-r17)

highSpeedDeploymentTypeFR2-r17 ENUMERATED {unidirectional, bidirectional} OPTIONAL, -- Need R

Name of the Sub\_IE: (HighSpeedConfigFR2-r17)

highSpeedLargeOneStepUL-TimingFR2-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (HighSpeedConfigFR2-r17)

...

Name of the IE: (HYSTERESIS)

Name of the IE: (HYSTERESISLOCATION)

Name of the IE: (INVALIDSYMBOLPATTERN)

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

symbols-r16 CHOICE {

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

oneSlot BIT STRING (SIZE (14)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

twoSlots BIT STRING (SIZE (28))

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

},

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

periodicityAndPattern-r16 CHOICE {

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n2 BIT STRING (SIZE (2)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n4 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n5 BIT STRING (SIZE (5)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n8 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n10 BIT STRING (SIZE (10)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n20 BIT STRING (SIZE (20)),

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

n40 BIT STRING (SIZE (40))

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (InvalidSymbolPattern-r16)

...

Name of the IE: (I-RNTI-VALUE)

Name of the IE: (LBT-FAILURERECOVERYCONFIG)

Name of the Sub\_IE: (LBT-FailureRecoveryConfig-r16)

lbt-FailureInstanceMaxCount-r16 ENUMERATED {n4, n8, n16, n32, n64, n128},

Name of the Sub\_IE: (LBT-FailureRecoveryConfig-r16)

lbt-FailureDetectionTimer-r16 ENUMERATED {ms10, ms20, ms40, ms80, ms160, ms320},

Name of the Sub\_IE: (LBT-FailureRecoveryConfig-r16)

...

Name of the IE: (LOCATIONINFO)

Name of the Sub\_IE: (LocationInfo-r16)

commonLocationInfo-r16 CommonLocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (LocationInfo-r16)

bt-LocationInfo-r16 LogMeasResultListBT-r16 OPTIONAL,

Name of the Sub\_IE: (LocationInfo-r16)

wlan-LocationInfo-r16 LogMeasResultListWLAN-r16 OPTIONAL,

Name of the Sub\_IE: (LocationInfo-r16)

sensor-LocationInfo-r16 Sensor-LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (LocationInfo-r16)

...

Name of the IE: (LOCATIONMEASUREMENTINFO)

Name of the Sub\_IE: (LocationMeasurementInfo)

eutra-RSTD EUTRA-RSTD-InfoList,

Name of the Sub\_IE: (LocationMeasurementInfo)

...,

Name of the Sub\_IE: (LocationMeasurementInfo)

eutra-FineTimingDetection NULL,

Name of the Sub\_IE: (LocationMeasurementInfo)

nr-PRS-Measurement-r16 NR-PRS-MeasurementInfoList-r16

Name of the Sub\_IE: (EUTRA-RSTD-InfoList)

EUTRA-RSTD-InfoList SEQUENCE (SIZE (1..maxInterRAT-RSTD-Freq)) OF EUTRA-RSTD-Info

Name of the Sub\_IE: (EUTRA-RSTD-Info)

carrierFreq ARFCN-ValueEUTRA,

Name of the Sub\_IE: (EUTRA-RSTD-Info)

measPRS-Offset INTEGER (0..39),

Name of the Sub\_IE: (EUTRA-RSTD-Info)

...

Name of the Sub\_IE: (NR-PRS-MeasurementInfoList-r16)

NR-PRS-MeasurementInfoList-r16 SEQUENCE (SIZE (1..maxFreqLayers)) OF NR-PRS-MeasurementInfo-r16

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

dl-PRS-PointA-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

nr-MeasPRS-RepetitionAndOffset-r16 CHOICE {

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

ms20-r16 INTEGER (0..19),

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

ms40-r16 INTEGER (0..39),

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

ms80-r16 INTEGER (0..79),

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

ms160-r16 INTEGER (0..159),

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

...

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

},

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

nr-MeasPRS-length-r16 ENUMERATED {ms1dot5, ms3, ms3dot5, ms4, ms5dot5, ms6, ms10, ms20},

Name of the Sub\_IE: (NR-PRS-MeasurementInfo-r16)

...

Name of the IE: (LOGICALCHANNELCONFIG)

Name of the Sub\_IE: (LogicalChannelConfig)

ul-SpecificParameters SEQUENCE {

Name of the Sub\_IE: (LogicalChannelConfig)

priority INTEGER (1..16),

Name of the Sub\_IE: (LogicalChannelConfig)

prioritisedBitRate ENUMERATED {kBps0, kBps8, kBps16, kBps32, kBps64, kBps128, kBps256, kBps512,

Name of the Sub\_IE: (LogicalChannelConfig)

kBps1024, kBps2048, kBps4096, kBps8192, kBps16384, kBps32768, kBps65536, infinity},

Name of the Sub\_IE: (LogicalChannelConfig)

bucketSizeDuration ENUMERATED {ms5, ms10, ms20, ms50, ms100, ms150, ms300, ms500, ms1000,

Name of the Sub\_IE: (LogicalChannelConfig)

spare7, spare6, spare5, spare4, spare3,spare2, spare1},

Name of the Sub\_IE: (LogicalChannelConfig)

allowedServingCells SEQUENCE (SIZE (1..maxNrofServingCells-1)) OF ServCellIndex

Name of the Sub\_IE: (LogicalChannelConfig)

OPTIONAL, -- Cond PDCP-CADuplication

Name of the Sub\_IE: (LogicalChannelConfig)

allowedSCS-List SEQUENCE (SIZE (1..maxSCSs)) OF SubcarrierSpacing OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

maxPUSCH-Duration ENUMERATED {ms0p02, ms0p04, ms0p0625, ms0p125, ms0p25, ms0p5, ms0p01-v1700, spare1}

Name of the Sub\_IE: (LogicalChannelConfig)

OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

configuredGrantType1Allowed ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

logicalChannelGroup INTEGER (0..maxLCG-ID) OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

schedulingRequestID SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

logicalChannelSR-Mask BOOLEAN,

Name of the Sub\_IE: (LogicalChannelConfig)

logicalChannelSR-DelayTimerApplied BOOLEAN,

Name of the Sub\_IE: (LogicalChannelConfig)

...,

Name of the Sub\_IE: (LogicalChannelConfig)

bitRateQueryProhibitTimer ENUMERATED {s0, s0dot4, s0dot8, s1dot6, s3, s6, s12, s30} OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

[[

Name of the Sub\_IE: (LogicalChannelConfig)

allowedCG-List-r16 SEQUENCE (SIZE (0.. maxNrofConfiguredGrantConfigMAC-1-r16)) OF ConfiguredGrantConfigIndexMAC-r16

Name of the Sub\_IE: (LogicalChannelConfig)

OPTIONAL, -- Need S

Name of the Sub\_IE: (LogicalChannelConfig)

allowedPHY-PriorityIndex-r16 ENUMERATED {p0, p1} OPTIONAL -- Need S

Name of the Sub\_IE: (LogicalChannelConfig)

]],

Name of the Sub\_IE: (LogicalChannelConfig)

[[

Name of the Sub\_IE: (LogicalChannelConfig)

logicalChannelGroupIAB-Ext-r17 INTEGER (0..maxLCG-ID-IAB-r17) OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

allowedHARQ-mode-r17 ENUMERATED {harqModeA, harqModeB} OPTIONAL -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

]]

Name of the Sub\_IE: (LogicalChannelConfig)

} OPTIONAL, -- Cond UL

Name of the Sub\_IE: (LogicalChannelConfig)

...,

Name of the Sub\_IE: (LogicalChannelConfig)

[[

Name of the Sub\_IE: (LogicalChannelConfig)

channelAccessPriority-r16 INTEGER (1..4) OPTIONAL, -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

bitRateMultiplier-r16 ENUMERATED {x40, x70, x100, x200} OPTIONAL -- Need R

Name of the Sub\_IE: (LogicalChannelConfig)

]]

Name of the IE: (LOGICALCHANNELIDENTITY)

Name of the IE: (LTE-NEIGHCELLSCRS-ASSISTINFOLIST)

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfoList-r17)

LTE-NeighCellsCRS-AssistInfoList-r17 SEQUENCE (SIZE (1..maxNrofCRS-IM-InterfCell-r17)) OF LTE-NeighCellsCRS-AssistInfo-r17

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighCarrierBandwidthDL-r17 ENUMERATED {n6, n15, n25, n50, n75, n100, spare2, spare1} OPTIONAL, -- Cond CRS-IM

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighCarrierFreqDL-r17 INTEGER (0..16383) OPTIONAL, -- Need S

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighCellId-r17 EUTRA-PhysCellId OPTIONAL, -- Need S

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighCRS-muting-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighMBSFN-SubframeConfigList-r17 EUTRA-MBSFN-SubframeConfigList OPTIONAL, -- Need S

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighNrofCRS-Ports-r17 ENUMERATED {n1, n2, n4} OPTIONAL, -- Need S

Name of the Sub\_IE: (LTE-NeighCellsCRS-AssistInfo-r17)

neighV-Shift-r17 ENUMERATED {n0, n1, n2, n3, n4, n5} OPTIONAL -- Cond NotCellID

Name of the IE: (MAC-CELLGROUPCONFIG)

Name of the Sub\_IE: (MAC-CellGroupConfig)

drx-Config SetupRelease { DRX-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestConfig SchedulingRequestConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

bsr-Config BSR-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

tag-Config TAG-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

phr-Config SetupRelease { PHR-Config } OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

skipUplinkTxDynamic BOOLEAN,

Name of the Sub\_IE: (MAC-CellGroupConfig)

...,

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

csi-Mask BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

dataInactivityTimer SetupRelease { DataInactivityTimer } OPTIONAL -- Cond MCG-Only

Name of the Sub\_IE: (MAC-CellGroupConfig)

]],

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

usePreBSR-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestID-LBT-SCell-r16 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

lch-BasedPrioritization-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestID-BFR-SCell-r16 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

drx-ConfigSecondaryGroup-r16 SetupRelease { DRX-ConfigSecondaryGroup-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

]],

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

enhancedSkipUplinkTxDynamic-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

enhancedSkipUplinkTxConfigured-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

]],

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

intraCG-Prioritization-r17 ENUMERATED {enabled} OPTIONAL, -- Cond LCH-PrioWithReTxTimer

Name of the Sub\_IE: (MAC-CellGroupConfig)

drx-ConfigSL-r17 SetupRelease { DRX-ConfigSL-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

drx-ConfigExt-v1700 SetupRelease { DRX-ConfigExt-v1700 } OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestID-BFR-r17 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestID-BFR2-r17 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestConfig-v1700 SchedulingRequestConfig-v1700 OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

tar-Config-r17 SetupRelease { TAR-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

g-RNTI-ConfigToAddModList-r17 SEQUENCE (SIZE (1..maxG-RNTI-r17)) OF MBS-RNTI-SpecificConfig-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MAC-CellGroupConfig)

g-RNTI-ConfigToReleaseList-r17 SEQUENCE (SIZE (1..maxG-RNTI-r17)) OF MBS-RNTI-SpecificConfigId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MAC-CellGroupConfig)

g-CS-RNTI-ConfigToAddModList-r17 SEQUENCE (SIZE (1..maxG-CS-RNTI-r17)) OF MBS-RNTI-SpecificConfig-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MAC-CellGroupConfig)

g-CS-RNTI-ConfigToReleaseList-r17 SEQUENCE (SIZE (1..maxG-CS-RNTI-r17)) OF MBS-RNTI-SpecificConfigId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MAC-CellGroupConfig)

allowCSI-SRS-Tx-MulticastDRX-Active-r17 BOOLEAN OPTIONAL -- Need M

Name of the Sub\_IE: (MAC-CellGroupConfig)

]],

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

schedulingRequestID-PosMG-Request-r17 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

drx-LastTransmissionUL-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

]],

Name of the Sub\_IE: (MAC-CellGroupConfig)

[[

Name of the Sub\_IE: (MAC-CellGroupConfig)

posMG-Request-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (MAC-CellGroupConfig)

]]

Name of the Sub\_IE: (DataInactivityTimer)

DataInactivityTimer ENUMERATED {s1, s2, s3, s5, s7, s10, s15, s20, s40, s50, s60, s80, s100, s120, s150, s180}

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

mbs-RNTI-SpecificConfigId-r17 MBS-RNTI-SpecificConfigId-r17,

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

groupCommon-RNTI-r17 CHOICE {

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

g-RNTI RNTI-Value,

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

g-CS-RNTI RNTI-Value

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

},

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

drx-ConfigPTM-r17 SetupRelease { DRX-ConfigPTM-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

harq-FeedbackEnablerMulticast-r17 ENUMERATED {dci-enabler, enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

harq-FeedbackOptionMulticast-r17 ENUMERATED {ack-nack, nack-only} OPTIONAL, -- Cond HARQFeedback

Name of the Sub\_IE: (MBS-RNTI-SpecificConfig-r17)

pdsch-AggregationFactor-r17 ENUMERATED {n2, n4, n8} OPTIONAL -- Cond G-RNTI

Name of the IE: (MEASCONFIG)

Name of the Sub\_IE: (MeasConfig)

measObjectToRemoveList MeasObjectToRemoveList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

measObjectToAddModList MeasObjectToAddModList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

reportConfigToRemoveList ReportConfigToRemoveList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

reportConfigToAddModList ReportConfigToAddModList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

measIdToRemoveList MeasIdToRemoveList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

measIdToAddModList MeasIdToAddModList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfig)

s-MeasureConfig CHOICE {

Name of the Sub\_IE: (MeasConfig)

ssb-RSRP RSRP-Range,

Name of the Sub\_IE: (MeasConfig)

csi-RSRP RSRP-Range

Name of the Sub\_IE: (MeasConfig)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfig)

quantityConfig QuantityConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfig)

measGapConfig MeasGapConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfig)

measGapSharingConfig MeasGapSharingConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfig)

...,

Name of the Sub\_IE: (MeasConfig)

[[

Name of the Sub\_IE: (MeasConfig)

interFrequencyConfig-NoGap-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (MeasConfig)

]]

Name of the Sub\_IE: (MeasObjectToRemoveList)

MeasObjectToRemoveList SEQUENCE (SIZE (1..maxNrofObjectId)) OF MeasObjectId

Name of the Sub\_IE: (MeasIdToRemoveList)

MeasIdToRemoveList SEQUENCE (SIZE (1..maxNrofMeasId)) OF MeasId

Name of the Sub\_IE: (ReportConfigToRemoveList)

ReportConfigToRemoveList SEQUENCE (SIZE (1..maxReportConfigId)) OF ReportConfigId

Name of the IE: (MEASGAPCONFIG)

Name of the Sub\_IE: (MeasGapConfig)

gapFR2 SetupRelease { GapConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasGapConfig)

...,

Name of the Sub\_IE: (MeasGapConfig)

[[

Name of the Sub\_IE: (MeasGapConfig)

gapFR1 SetupRelease { GapConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasGapConfig)

gapUE SetupRelease { GapConfig } OPTIONAL -- Need M

Name of the Sub\_IE: (MeasGapConfig)

]],

Name of the Sub\_IE: (MeasGapConfig)

[[

Name of the Sub\_IE: (MeasGapConfig)

gapToAddModList-r17 SEQUENCE (SIZE (1..maxNrofGapId-r17)) OF GapConfig-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasGapConfig)

gapToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofGapId-r17)) OF MeasGapId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasGapConfig)

posMeasGapPreConfigToAddModList-r17 PosMeasGapPreConfigToAddModList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasGapConfig)

posMeasGapPreConfigToReleaseList-r17 PosMeasGapPreConfigToReleaseList-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (MeasGapConfig)

]]

Name of the Sub\_IE: (GapConfig)

gapOffset INTEGER (0..159),

Name of the Sub\_IE: (GapConfig)

mgl ENUMERATED {ms1dot5, ms3, ms3dot5, ms4, ms5dot5, ms6},

Name of the Sub\_IE: (GapConfig)

mgrp ENUMERATED {ms20, ms40, ms80, ms160},

Name of the Sub\_IE: (GapConfig)

mgta ENUMERATED {ms0, ms0dot25, ms0dot5},

Name of the Sub\_IE: (GapConfig)

...,

Name of the Sub\_IE: (GapConfig)

[[

Name of the Sub\_IE: (GapConfig)

refServCellIndicator ENUMERATED {pCell, pSCell, mcg-FR2} OPTIONAL -- Cond NEDCorNRDC

Name of the Sub\_IE: (GapConfig)

]],

Name of the Sub\_IE: (GapConfig)

[[

Name of the Sub\_IE: (GapConfig)

refFR2ServCellAsyncCA-r16 ServCellIndex OPTIONAL, -- Cond AsyncCA

Name of the Sub\_IE: (GapConfig)

mgl-r16 ENUMERATED {ms10, ms20} OPTIONAL -- Cond PRS

Name of the Sub\_IE: (GapConfig)

]]

Name of the Sub\_IE: (GapConfig-r17)

measGapId-r17 MeasGapId-r17,

Name of the Sub\_IE: (GapConfig-r17)

gapType-r17 ENUMERATED {perUE, perFR1, perFR2},

Name of the Sub\_IE: (GapConfig-r17)

gapOffset-r17 INTEGER (0..159),

Name of the Sub\_IE: (GapConfig-r17)

mgl-r17 ENUMERATED {ms1, ms1dot5, ms2, ms3, ms3dot5, ms4, ms5, ms5dot5, ms6, ms10, ms20},

Name of the Sub\_IE: (GapConfig-r17)

mgrp-r17 ENUMERATED {ms20, ms40, ms80, ms160},

Name of the Sub\_IE: (GapConfig-r17)

mgta-r17 ENUMERATED {ms0, ms0dot25, ms0dot5, ms0dot75},

Name of the Sub\_IE: (GapConfig-r17)

refServCellIndicator-r17 ENUMERATED {pCell, pSCell, mcg-FR2} OPTIONAL, -- Cond NEDCorNRDC

Name of the Sub\_IE: (GapConfig-r17)

refFR2-ServCellAsyncCA-r17 ServCellIndex OPTIONAL, -- Cond AsyncCA

Name of the Sub\_IE: (GapConfig-r17)

preConfigInd-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (GapConfig-r17)

ncsgInd-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (GapConfig-r17)

gapAssociationPRS-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (GapConfig-r17)

gapSharing-r17 MeasGapSharingScheme OPTIONAL, -- Need R

Name of the Sub\_IE: (GapConfig-r17)

gapPriority-r17 GapPriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (GapConfig-r17)

...

Name of the Sub\_IE: (PosMeasGapPreConfigToAddModList-r17)

PosMeasGapPreConfigToAddModList-r17 SEQUENCE (SIZE (1..maxNrofPreConfigPosGapId-r17)) OF PosGapConfig-r17

Name of the Sub\_IE: (PosMeasGapPreConfigToReleaseList-r17)

PosMeasGapPreConfigToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofPreConfigPosGapId-r17)) OF MeasPosPreConfigGapId-r17

Name of the Sub\_IE: (PosGapConfig-r17)

measPosPreConfigGapId-r17 MeasPosPreConfigGapId-r17,

Name of the Sub\_IE: (PosGapConfig-r17)

gapOffset-r17 INTEGER (0..159),

Name of the Sub\_IE: (PosGapConfig-r17)

mgl-r17 ENUMERATED {ms1dot5, ms3, ms3dot5, ms4, ms5dot5, ms6, ms10, ms20},

Name of the Sub\_IE: (PosGapConfig-r17)

mgrp-r17 ENUMERATED {ms20, ms40, ms80, ms160},

Name of the Sub\_IE: (PosGapConfig-r17)

mgta-r17 ENUMERATED {ms0, ms0dot25, ms0dot5},

Name of the Sub\_IE: (PosGapConfig-r17)

gapType-r17 ENUMERATED {perUE, perFR1, perFR2},

Name of the Sub\_IE: (PosGapConfig-r17)

...

Name of the IE: (MEASGAPID)

Name of the IE: (MEASGAPSHARINGCONFIG)

Name of the Sub\_IE: (MeasGapSharingConfig)

gapSharingFR2 SetupRelease { MeasGapSharingScheme } OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasGapSharingConfig)

...,

Name of the Sub\_IE: (MeasGapSharingConfig)

[[

Name of the Sub\_IE: (MeasGapSharingConfig)

gapSharingFR1 SetupRelease { MeasGapSharingScheme } OPTIONAL, --Need M

Name of the Sub\_IE: (MeasGapSharingConfig)

gapSharingUE SetupRelease { MeasGapSharingScheme } OPTIONAL --Need M

Name of the Sub\_IE: (MeasGapSharingConfig)

]]

Name of the Sub\_IE: (MeasGapSharingScheme)

MeasGapSharingScheme ENUMERATED {scheme00, scheme01, scheme10, scheme11}

Name of the IE: (MEASID)

Name of the IE: (MEASIDLECONFIG)

Name of the Sub\_IE: (MeasIdleConfigSIB-r16)

measIdleCarrierListNR-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierNR-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleConfigSIB-r16)

measIdleCarrierListEUTRA-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierEUTRA-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleConfigSIB-r16)

...

Name of the Sub\_IE: (MeasIdleConfigDedicated-r16)

measIdleCarrierListNR-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierNR-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasIdleConfigDedicated-r16)

measIdleCarrierListEUTRA-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierEUTRA-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasIdleConfigDedicated-r16)

measIdleDuration-r16 ENUMERATED{sec10, sec30, sec60, sec120, sec180, sec240, sec300, spare},

Name of the Sub\_IE: (MeasIdleConfigDedicated-r16)

validityAreaList-r16 ValidityAreaList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasIdleConfigDedicated-r16)

...

Name of the Sub\_IE: (ValidityAreaList-r16)

ValidityAreaList-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF ValidityArea-r16

Name of the Sub\_IE: (ValidityArea-r16)

carrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (ValidityArea-r16)

validityCellList-r16 ValidityCellList OPTIONAL -- Need N

Name of the Sub\_IE: (ValidityCellList)

ValidityCellList SEQUENCE (SIZE (1.. maxCellMeasIdle-r16)) OF PCI-Range

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

carrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

ssbSubcarrierSpacing-r16 SubcarrierSpacing,

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

frequencyBandList MultiFrequencyBandListNR OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

measCellListNR-r16 CellListNR-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

reportQuantities-r16 ENUMERATED {rsrp, rsrq, both},

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

qualityThreshold-r16 SEQUENCE {

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

idleRSRP-Threshold-NR-r16 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

idleRSRQ-Threshold-NR-r16 RSRQ-Range OPTIONAL -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

ssb-MeasConfig-r16 SEQUENCE {

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

nrofSS-BlocksToAverage-r16 INTEGER (2..maxNrofSS-BlocksToAverage) OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

absThreshSS-BlocksConsolidation-r16 ThresholdNR OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

smtc-r16 SSB-MTC OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

ssb-ToMeasure-r16 SSB-ToMeasure OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

deriveSSB-IndexFromCell-r16 BOOLEAN,

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

ss-RSSI-Measurement-r16 SS-RSSI-Measurement OPTIONAL -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

beamMeasConfigIdle-r16 BeamMeasConfigIdle-NR-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierNR-r16)

...

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

carrierFreqEUTRA-r16 ARFCN-ValueEUTRA,

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

allowedMeasBandwidth-r16 EUTRA-AllowedMeasBandwidth,

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

measCellListEUTRA-r16 CellListEUTRA-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

reportQuantitiesEUTRA-r16 ENUMERATED {rsrp, rsrq, both},

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

qualityThresholdEUTRA-r16 SEQUENCE {

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

idleRSRP-Threshold-EUTRA-r16 RSRP-RangeEUTRA OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

idleRSRQ-Threshold-EUTRA-r16 RSRQ-RangeEUTRA-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (MeasIdleCarrierEUTRA-r16)

...

Name of the Sub\_IE: (CellListNR-r16)

CellListNR-r16 SEQUENCE (SIZE (1..maxCellMeasIdle-r16)) OF PCI-Range

Name of the Sub\_IE: (CellListEUTRA-r16)

CellListEUTRA-r16 SEQUENCE (SIZE (1..maxCellMeasIdle-r16)) OF EUTRA-PhysCellIdRange

Name of the Sub\_IE: (BeamMeasConfigIdle-NR-r16)

reportQuantityRS-Indexes-r16 ENUMERATED {rsrp, rsrq, both},

Name of the Sub\_IE: (BeamMeasConfigIdle-NR-r16)

maxNrofRS-IndexesToReport-r16 INTEGER (1.. maxNrofIndexesToReport),

Name of the Sub\_IE: (BeamMeasConfigIdle-NR-r16)

includeBeamMeasurements-r16 BOOLEAN

Name of the IE: (MEASIDTOADDMODLIST)

Name of the Sub\_IE: (MeasIdToAddModList)

MeasIdToAddModList SEQUENCE (SIZE (1..maxNrofMeasId)) OF MeasIdToAddMod

Name of the Sub\_IE: (MeasIdToAddMod)

measId MeasId,

Name of the Sub\_IE: (MeasIdToAddMod)

measObjectId MeasObjectId,

Name of the Sub\_IE: (MeasIdToAddMod)

reportConfigId ReportConfigId

Name of the IE: (MEASOBJECTCLI)

Name of the Sub\_IE: (MeasObjectCLI-r16)

cli-ResourceConfig-r16 CLI-ResourceConfig-r16,

Name of the Sub\_IE: (MeasObjectCLI-r16)

...

Name of the Sub\_IE: (CLI-ResourceConfig-r16)

srs-ResourceConfig-r16 SetupRelease { SRS-ResourceListConfigCLI-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (CLI-ResourceConfig-r16)

rssi-ResourceConfig-r16 SetupRelease { RSSI-ResourceListConfigCLI-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (SRS-ResourceListConfigCLI-r16)

SRS-ResourceListConfigCLI-r16 SEQUENCE (SIZE (1.. maxNrofCLI-SRS-Resources-r16)) OF SRS-ResourceConfigCLI-r16

Name of the Sub\_IE: (RSSI-ResourceListConfigCLI-r16)

RSSI-ResourceListConfigCLI-r16 SEQUENCE (SIZE (1.. maxNrofCLI-RSSI-Resources-r16)) OF RSSI-ResourceConfigCLI-r16

Name of the Sub\_IE: (SRS-ResourceConfigCLI-r16)

srs-Resource-r16 SRS-Resource,

Name of the Sub\_IE: (SRS-ResourceConfigCLI-r16)

srs-SCS-r16 SubcarrierSpacing,

Name of the Sub\_IE: (SRS-ResourceConfigCLI-r16)

refServCellIndex-r16 ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-ResourceConfigCLI-r16)

refBWP-r16 BWP-Id,

Name of the Sub\_IE: (SRS-ResourceConfigCLI-r16)

...

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

rssi-ResourceId-r16 RSSI-ResourceId-r16,

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

rssi-SCS-r16 SubcarrierSpacing,

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

startPRB-r16 INTEGER (0..2169),

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

nrofPRBs-r16 INTEGER (4..maxNrofPhysicalResourceBlocksPlus1),

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

startPosition-r16 INTEGER (0..13),

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

nrofSymbols-r16 INTEGER (1..14),

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

rssi-PeriodicityAndOffset-r16 RSSI-PeriodicityAndOffset-r16,

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

refServCellIndex-r16 ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (RSSI-ResourceConfigCLI-r16)

...

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl10 INTEGER(0..9),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl20 INTEGER(0..19),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl40 INTEGER(0..39),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl80 INTEGER(0..79),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl160 INTEGER(0..159),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

sl320 INTEGER(0..319),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

s1640 INTEGER(0..639),

Name of the Sub\_IE: (RSSI-PeriodicityAndOffset-r16)

...

Name of the IE: (MEASOBJECTEUTRA)

Name of the Sub\_IE: (MeasObjectEUTRA)

carrierFreq ARFCN-ValueEUTRA,

Name of the Sub\_IE: (MeasObjectEUTRA)

allowedMeasBandwidth EUTRA-AllowedMeasBandwidth,

Name of the Sub\_IE: (MeasObjectEUTRA)

cellsToRemoveListEUTRAN EUTRA-CellIndexList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectEUTRA)

cellsToAddModListEUTRAN SEQUENCE (SIZE (1..maxCellMeasEUTRA)) OF EUTRA-Cell OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectEUTRA)

excludedCellsToRemoveListEUTRAN EUTRA-CellIndexList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectEUTRA)

excludedCellsToAddModListEUTRAN SEQUENCE (SIZE (1..maxCellMeasEUTRA)) OF EUTRA-ExcludedCell OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectEUTRA)

eutra-PresenceAntennaPort1 EUTRA-PresenceAntennaPort1,

Name of the Sub\_IE: (MeasObjectEUTRA)

eutra-Q-OffsetRange EUTRA-Q-OffsetRange OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectEUTRA)

widebandRSRQ-Meas BOOLEAN,

Name of the Sub\_IE: (MeasObjectEUTRA)

...,

Name of the Sub\_IE: (MeasObjectEUTRA)

[[

Name of the Sub\_IE: (MeasObjectEUTRA)

associatedMeasGap-r17 MeasGapId-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (MeasObjectEUTRA)

]]

Name of the Sub\_IE: (EUTRA-CellIndexList)

EUTRA-CellIndexList SEQUENCE (SIZE (1..maxCellMeasEUTRA)) OF EUTRA-CellIndex

Name of the Sub\_IE: (EUTRA-Cell)

cellIndexEUTRA EUTRA-CellIndex,

Name of the Sub\_IE: (EUTRA-Cell)

physCellId EUTRA-PhysCellId,

Name of the Sub\_IE: (EUTRA-Cell)

cellIndividualOffset EUTRA-Q-OffsetRange

Name of the Sub\_IE: (EUTRA-ExcludedCell)

cellIndexEUTRA EUTRA-CellIndex,

Name of the Sub\_IE: (EUTRA-ExcludedCell)

physCellIdRange EUTRA-PhysCellIdRange

Name of the IE: (MEASOBJECTID)

Name of the IE: (MEASOBJECTNR)

Name of the Sub\_IE: (MeasObjectNR)

ssbFrequency ARFCN-ValueNR OPTIONAL, -- Cond SSBorAssociatedSSB

Name of the Sub\_IE: (MeasObjectNR)

ssbSubcarrierSpacing SubcarrierSpacing OPTIONAL, -- Cond SSBorAssociatedSSB

Name of the Sub\_IE: (MeasObjectNR)

smtc1 SSB-MTC OPTIONAL, -- Cond SSBorAssociatedSSB

Name of the Sub\_IE: (MeasObjectNR)

smtc2 SSB-MTC2 OPTIONAL, -- Cond IntraFreqConnected

Name of the Sub\_IE: (MeasObjectNR)

refFreqCSI-RS ARFCN-ValueNR OPTIONAL, -- Cond CSI-RS

Name of the Sub\_IE: (MeasObjectNR)

referenceSignalConfig ReferenceSignalConfig,

Name of the Sub\_IE: (MeasObjectNR)

absThreshSS-BlocksConsolidation ThresholdNR OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

absThreshCSI-RS-Consolidation ThresholdNR OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

nrofSS-BlocksToAverage INTEGER (2..maxNrofSS-BlocksToAverage) OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

nrofCSI-RS-ResourcesToAverage INTEGER (2..maxNrofCSI-RS-ResourcesToAverage) OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

quantityConfigIndex INTEGER (1..maxNrofQuantityConfig),

Name of the Sub\_IE: (MeasObjectNR)

offsetMO Q-OffsetRangeList,

Name of the Sub\_IE: (MeasObjectNR)

cellsToRemoveList PCI-List OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

cellsToAddModList CellsToAddModList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

excludedCellsToRemoveList PCI-RangeIndexList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

excludedCellsToAddModList SEQUENCE (SIZE (1..maxNrofPCI-Ranges)) OF PCI-RangeElement OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

allowedCellsToRemoveList PCI-RangeIndexList OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

allowedCellsToAddModList SEQUENCE (SIZE (1..maxNrofPCI-Ranges)) OF PCI-RangeElement OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR)

...,

Name of the Sub\_IE: (MeasObjectNR)

[[

Name of the Sub\_IE: (MeasObjectNR)

freqBandIndicatorNR FreqBandIndicatorNR OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

measCycleSCell ENUMERATED {sf160, sf256, sf320, sf512, sf640, sf1024, sf1280} OPTIONAL -- Need R

Name of the Sub\_IE: (MeasObjectNR)

]],

Name of the Sub\_IE: (MeasObjectNR)

[[

Name of the Sub\_IE: (MeasObjectNR)

smtc3list-r16 SSB-MTC3List-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

rmtc-Config-r16 SetupRelease {RMTC-Config-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasObjectNR)

t312-r16 SetupRelease { T312-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (MeasObjectNR)

]],

Name of the Sub\_IE: (MeasObjectNR)

[[

Name of the Sub\_IE: (MeasObjectNR)

associatedMeasGapSSB-r17 MeasGapId-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

associatedMeasGapCSIRS-r17 MeasGapId-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

smtc4list-r17 SSB-MTC4List-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectNR)

measCyclePSCell-r17 ENUMERATED {ms160, ms256, ms320, ms512, ms640, ms1024, ms1280, spare1}

Name of the Sub\_IE: (MeasObjectNR)

OPTIONAL, -- Cond SCG

Name of the Sub\_IE: (MeasObjectNR)

cellsToAddModListExt-v1710 CellsToAddModListExt-v1710 OPTIONAL -- Need N

Name of the Sub\_IE: (MeasObjectNR)

]],

Name of the Sub\_IE: (MeasObjectNR)

[[

Name of the Sub\_IE: (MeasObjectNR)

associatedMeasGapSSB2-v1720 MeasGapId-r17 OPTIONAL, -- Cond AssociatedGapSSB

Name of the Sub\_IE: (MeasObjectNR)

associatedMeasGapCSIRS2-v1720 MeasGapId-r17 OPTIONAL -- Cond AssociatedGapCSIRS

Name of the Sub\_IE: (MeasObjectNR)

]]

Name of the Sub\_IE: (SSB-MTC3List-r16)

SSB-MTC3List-r16 SEQUENCE (SIZE(1..4)) OF SSB-MTC3-r16

Name of the Sub\_IE: (SSB-MTC4List-r17)

SSB-MTC4List-r17 SEQUENCE (SIZE(1..3)) OF SSB-MTC4-r17

Name of the Sub\_IE: (T312-r16)

T312-r16 ENUMERATED { ms0, ms50, ms100, ms200, ms300, ms400, ms500, ms1000}

Name of the Sub\_IE: (ReferenceSignalConfig)

ssb-ConfigMobility SSB-ConfigMobility OPTIONAL, -- Need M

Name of the Sub\_IE: (ReferenceSignalConfig)

csi-rs-ResourceConfigMobility SetupRelease { CSI-RS-ResourceConfigMobility } OPTIONAL -- Need M

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-ToMeasure SetupRelease { SSB-ToMeasure } OPTIONAL, -- Need M

Name of the Sub\_IE: (SSB-ConfigMobility)

deriveSSB-IndexFromCell BOOLEAN,

Name of the Sub\_IE: (SSB-ConfigMobility)

ss-RSSI-Measurement SS-RSSI-Measurement OPTIONAL, -- Need M

Name of the Sub\_IE: (SSB-ConfigMobility)

...,

Name of the Sub\_IE: (SSB-ConfigMobility)

[[

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-PositionQCL-Common-r16 SSB-PositionQCL-Relation-r16 OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-PositionQCL-CellsToAddModList-r16 SSB-PositionQCL-CellsToAddModList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-PositionQCL-CellsToRemoveList-r16 PCI-List OPTIONAL -- Need N

Name of the Sub\_IE: (SSB-ConfigMobility)

]],

Name of the Sub\_IE: (SSB-ConfigMobility)

[[

Name of the Sub\_IE: (SSB-ConfigMobility)

deriveSSB-IndexFromCellInter-r17 ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-PositionQCL-Common-r17 SSB-PositionQCL-Relation-r17 OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (SSB-ConfigMobility)

ssb-PositionQCL-Cells-r17 SetupRelease {SSB-PositionQCL-CellList-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (SSB-ConfigMobility)

]],

Name of the Sub\_IE: (SSB-ConfigMobility)

[[

Name of the Sub\_IE: (SSB-ConfigMobility)

cca-CellsToAddModList-r17 PCI-List OPTIONAL, -- Need N

Name of the Sub\_IE: (SSB-ConfigMobility)

cca-CellsToRemoveList-r17 PCI-List OPTIONAL -- Need N

Name of the Sub\_IE: (SSB-ConfigMobility)

]]

Name of the Sub\_IE: (Q-OffsetRangeList)

rsrpOffsetSSB Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (Q-OffsetRangeList)

rsrqOffsetSSB Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (Q-OffsetRangeList)

sinrOffsetSSB Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (Q-OffsetRangeList)

rsrpOffsetCSI-RS Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (Q-OffsetRangeList)

rsrqOffsetCSI-RS Q-OffsetRange DEFAULT dB0,

Name of the Sub\_IE: (Q-OffsetRangeList)

sinrOffsetCSI-RS Q-OffsetRange DEFAULT dB0

Name of the Sub\_IE: (ThresholdNR)

thresholdRSRP RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (ThresholdNR)

thresholdRSRQ RSRQ-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (ThresholdNR)

thresholdSINR SINR-Range OPTIONAL -- Need R

Name of the Sub\_IE: (CellsToAddModList)

CellsToAddModList SEQUENCE (SIZE (1..maxNrofCellMeas)) OF CellsToAddMod

Name of the Sub\_IE: (CellsToAddModListExt-v1710)

CellsToAddModListExt-v1710 SEQUENCE (SIZE (1..maxNrofCellMeas)) OF CellsToAddModExt-v1710

Name of the Sub\_IE: (CellsToAddMod)

physCellId PhysCellId,

Name of the Sub\_IE: (CellsToAddMod)

cellIndividualOffset Q-OffsetRangeList

Name of the Sub\_IE: (CellsToAddModExt-v1710)

ntn-PolarizationDL-r17 ENUMERATED {rhcp,lhcp,linear} OPTIONAL, -- Need R

Name of the Sub\_IE: (CellsToAddModExt-v1710)

ntn-PolarizationUL-r17 ENUMERATED {rhcp,lhcp,linear} OPTIONAL -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

rmtc-Periodicity-r16 ENUMERATED {ms40, ms80, ms160, ms320, ms640},

Name of the Sub\_IE: (RMTC-Config-r16)

rmtc-SubframeOffset-r16 INTEGER(0..639) OPTIONAL, -- Need M

Name of the Sub\_IE: (RMTC-Config-r16)

measDurationSymbols-r16 ENUMERATED {sym1, sym14or12, sym28or24, sym42or36, sym70or60},

Name of the Sub\_IE: (RMTC-Config-r16)

rmtc-Frequency-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (RMTC-Config-r16)

ref-SCS-CP-r16 ENUMERATED {kHz15, kHz30, kHz60-NCP, kHz60-ECP},

Name of the Sub\_IE: (RMTC-Config-r16)

...,

Name of the Sub\_IE: (RMTC-Config-r16)

[[

Name of the Sub\_IE: (RMTC-Config-r16)

rmtc-Bandwidth-r17 ENUMERATED {mhz100, mhz400, mhz800, mhz1600, mhz2000} OPTIONAL, -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

measDurationSymbols-v1700 ENUMERATED {sym140, sym560, sym1120} OPTIONAL, -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

ref-SCS-CP-v1700 ENUMERATED {kHz120, kHz480, kHz960} OPTIONAL, -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

tci-StateInfo-r17 SEQUENCE {

Name of the Sub\_IE: (RMTC-Config-r16)

tci-StateId-r17 TCI-StateId,

Name of the Sub\_IE: (RMTC-Config-r16)

ref-ServCellId-r17 ServCellIndex OPTIONAL -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

} OPTIONAL -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

]],

Name of the Sub\_IE: (RMTC-Config-r16)

[[

Name of the Sub\_IE: (RMTC-Config-r16)

ref-BWPId-r17 BWP-Id OPTIONAL -- Need R

Name of the Sub\_IE: (RMTC-Config-r16)

]]

Name of the Sub\_IE: (SSB-PositionQCL-CellsToAddModList-r16)

SSB-PositionQCL-CellsToAddModList-r16 SEQUENCE (SIZE (1..maxNrofCellMeas)) OF SSB-PositionQCL-CellsToAddMod-r16

Name of the Sub\_IE: (SSB-PositionQCL-CellsToAddMod-r16)

physCellId-r16 PhysCellId,

Name of the Sub\_IE: (SSB-PositionQCL-CellsToAddMod-r16)

ssb-PositionQCL-r16 SSB-PositionQCL-Relation-r16

Name of the Sub\_IE: (SSB-PositionQCL-CellList-r17)

SSB-PositionQCL-CellList-r17 SEQUENCE (SIZE (1..maxNrofCellMeas)) OF SSB-PositionQCL-Cell-r17

Name of the Sub\_IE: (SSB-PositionQCL-Cell-r17)

physCellId-r17 PhysCellId,

Name of the Sub\_IE: (SSB-PositionQCL-Cell-r17)

ssb-PositionQCL-r17 SSB-PositionQCL-Relation-r17

Name of the IE: (MEASOBJECTNR-SL)

Name of the Sub\_IE: (MeasObjectNR-SL-r16)

tx-PoolMeasToRemoveList-r16 Tx-PoolMeasList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectNR-SL-r16)

tx-PoolMeasToAddModList-r16 Tx-PoolMeasList-r16 OPTIONAL -- Need N

Name of the Sub\_IE: (Tx-PoolMeasList-r16)

Tx-PoolMeasList-r16 SEQUENCE (SIZE (1..maxNrofSL-PoolToMeasureNR-r16)) OF SL-ResourcePoolID-r16

Name of the IE: (MEASOBJECTRXTXDIFF)

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

dl-Ref-r17 CHOICE {

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

prs-Ref-r17 NULL,

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

csi-RS-Ref-r17 NULL,

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

...

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectRxTxDiff-r17)

...

Name of the IE: (MEASOBJECTTOADDMODLIST)

Name of the Sub\_IE: (MeasObjectToAddModList)

MeasObjectToAddModList SEQUENCE (SIZE (1..maxNrofObjectId)) OF MeasObjectToAddMod

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectId MeasObjectId,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObject CHOICE {

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectNR MeasObjectNR,

Name of the Sub\_IE: (MeasObjectToAddMod)

...,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectEUTRA MeasObjectEUTRA,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectUTRA-FDD-r16 MeasObjectUTRA-FDD-r16,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectNR-SL-r16 MeasObjectNR-SL-r16,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectCLI-r16 MeasObjectCLI-r16,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectRxTxDiff-r17 MeasObjectRxTxDiff-r17,

Name of the Sub\_IE: (MeasObjectToAddMod)

measObjectRelay-r17 SL-MeasObject-r16

Name of the IE: (MEASOBJECTUTRA-FDD)

Name of the Sub\_IE: (MeasObjectUTRA-FDD-r16)

carrierFreq-r16 ARFCN-ValueUTRA-FDD-r16,

Name of the Sub\_IE: (MeasObjectUTRA-FDD-r16)

utra-FDD-Q-OffsetRange-r16 UTRA-FDD-Q-OffsetRange-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (MeasObjectUTRA-FDD-r16)

cellsToRemoveList-r16 UTRA-FDD-CellIndexList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectUTRA-FDD-r16)

cellsToAddModList-r16 CellsToAddModListUTRA-FDD-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasObjectUTRA-FDD-r16)

...

Name of the Sub\_IE: (CellsToAddModListUTRA-FDD-r16)

CellsToAddModListUTRA-FDD-r16 SEQUENCE (SIZE (1..maxCellMeasUTRA-FDD-r16)) OF CellsToAddModUTRA-FDD-r16

Name of the Sub\_IE: (CellsToAddModUTRA-FDD-r16)

cellIndexUTRA-FDD-r16 UTRA-FDD-CellIndex-r16,

Name of the Sub\_IE: (CellsToAddModUTRA-FDD-r16)

physCellId-r16 PhysCellIdUTRA-FDD-r16

Name of the Sub\_IE: (UTRA-FDD-CellIndexList-r16)

UTRA-FDD-CellIndexList-r16 SEQUENCE (SIZE (1..maxCellMeasUTRA-FDD-r16)) OF UTRA-FDD-CellIndex-r16

Name of the IE: (MEASRESULTCELLLISTSFTD-NR)

Name of the Sub\_IE: (MeasResultCellListSFTD-NR)

MeasResultCellListSFTD-NR SEQUENCE (SIZE (1..maxCellSFTD)) OF MeasResultCellSFTD-NR

Name of the Sub\_IE: (MeasResultCellSFTD-NR)

physCellId PhysCellId,

Name of the Sub\_IE: (MeasResultCellSFTD-NR)

sfn-OffsetResult INTEGER (0..1023),

Name of the Sub\_IE: (MeasResultCellSFTD-NR)

frameBoundaryOffsetResult INTEGER (-30720..30719),

Name of the Sub\_IE: (MeasResultCellSFTD-NR)

rsrp-Result RSRP-Range OPTIONAL

Name of the IE: (MEASRESULTCELLLISTSFTD-EUTRA)

Name of the Sub\_IE: (MeasResultCellListSFTD-EUTRA)

MeasResultCellListSFTD-EUTRA SEQUENCE (SIZE (1..maxCellSFTD)) OF MeasResultSFTD-EUTRA

Name of the Sub\_IE: (MeasResultSFTD-EUTRA)

eutra-PhysCellId EUTRA-PhysCellId,

Name of the Sub\_IE: (MeasResultSFTD-EUTRA)

sfn-OffsetResult INTEGER (0..1023),

Name of the Sub\_IE: (MeasResultSFTD-EUTRA)

frameBoundaryOffsetResult INTEGER (-30720..30719),

Name of the Sub\_IE: (MeasResultSFTD-EUTRA)

rsrp-Result RSRP-Range OPTIONAL

Name of the IE: (MEASRESULTS)

Name of the Sub\_IE: (MeasResults)

measId MeasId,

Name of the Sub\_IE: (MeasResults)

measResultServingMOList MeasResultServMOList,

Name of the Sub\_IE: (MeasResults)

measResultNeighCells CHOICE {

Name of the Sub\_IE: (MeasResults)

measResultListNR MeasResultListNR,

Name of the Sub\_IE: (MeasResults)

...,

Name of the Sub\_IE: (MeasResults)

measResultListEUTRA MeasResultListEUTRA,

Name of the Sub\_IE: (MeasResults)

measResultListUTRA-FDD-r16 MeasResultListUTRA-FDD-r16,

Name of the Sub\_IE: (MeasResults)

sl-MeasResultsCandRelay-r17 OCTET STRING -- Contains PC5 SL-MeasResultListRelay-r17

Name of the Sub\_IE: (MeasResults)

} OPTIONAL,

Name of the Sub\_IE: (MeasResults)

...,

Name of the Sub\_IE: (MeasResults)

[[

Name of the Sub\_IE: (MeasResults)

measResultServFreqListEUTRA-SCG MeasResultServFreqListEUTRA-SCG OPTIONAL,

Name of the Sub\_IE: (MeasResults)

measResultServFreqListNR-SCG MeasResultServFreqListNR-SCG OPTIONAL,

Name of the Sub\_IE: (MeasResults)

measResultSFTD-EUTRA MeasResultSFTD-EUTRA OPTIONAL,

Name of the Sub\_IE: (MeasResults)

measResultSFTD-NR MeasResultCellSFTD-NR OPTIONAL

Name of the Sub\_IE: (MeasResults)

]],

Name of the Sub\_IE: (MeasResults)

[[

Name of the Sub\_IE: (MeasResults)

measResultCellListSFTD-NR MeasResultCellListSFTD-NR OPTIONAL

Name of the Sub\_IE: (MeasResults)

]],

Name of the Sub\_IE: (MeasResults)

[[

Name of the Sub\_IE: (MeasResults)

measResultForRSSI-r16 MeasResultForRSSI-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

locationInfo-r16 LocationInfo-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

ul-PDCP-DelayValueResultList-r16 UL-PDCP-DelayValueResultList-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

measResultsSL-r16 MeasResultsSL-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

measResultCLI-r16 MeasResultCLI-r16 OPTIONAL

Name of the Sub\_IE: (MeasResults)

]],

Name of the Sub\_IE: (MeasResults)

[[

Name of the Sub\_IE: (MeasResults)

measResultRxTxTimeDiff-r17 MeasResultRxTxTimeDiff-r17 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

sl-MeasResultServingRelay-r17 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MeasResults)

-- Contains PC5 SL-MeasResultRelay-r17

Name of the Sub\_IE: (MeasResults)

ul-PDCP-ExcessDelayResultList-r17 UL-PDCP-ExcessDelayResultList-r17 OPTIONAL,

Name of the Sub\_IE: (MeasResults)

coarseLocationInfo-r17 OCTET STRING OPTIONAL

Name of the Sub\_IE: (MeasResults)

]]

Name of the Sub\_IE: (MeasResultServMOList)

MeasResultServMOList SEQUENCE (SIZE (1..maxNrofServingCells)) OF MeasResultServMO

Name of the Sub\_IE: (MeasResultServMO)

servCellId ServCellIndex,

Name of the Sub\_IE: (MeasResultServMO)

measResultServingCell MeasResultNR,

Name of the Sub\_IE: (MeasResultServMO)

measResultBestNeighCell MeasResultNR OPTIONAL,

Name of the Sub\_IE: (MeasResultServMO)

...

Name of the Sub\_IE: (MeasResultListNR)

MeasResultListNR SEQUENCE (SIZE (1..maxCellReport)) OF MeasResultNR

Name of the Sub\_IE: (MeasResultNR)

physCellId PhysCellId OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

measResult SEQUENCE {

Name of the Sub\_IE: (MeasResultNR)

cellResults SEQUENCE{

Name of the Sub\_IE: (MeasResultNR)

resultsSSB-Cell MeasQuantityResults OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

resultsCSI-RS-Cell MeasQuantityResults OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

},

Name of the Sub\_IE: (MeasResultNR)

rsIndexResults SEQUENCE{

Name of the Sub\_IE: (MeasResultNR)

resultsSSB-Indexes ResultsPerSSB-IndexList OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

resultsCSI-RS-Indexes ResultsPerCSI-RS-IndexList OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

} OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

},

Name of the Sub\_IE: (MeasResultNR)

...,

Name of the Sub\_IE: (MeasResultNR)

[[

Name of the Sub\_IE: (MeasResultNR)

cgi-Info CGI-InfoNR OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

]] ,

Name of the Sub\_IE: (MeasResultNR)

[[

Name of the Sub\_IE: (MeasResultNR)

choCandidate-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

choConfig-r17 SEQUENCE (SIZE (1..2)) OF CondTriggerConfig-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

triggeredEvent-r17 SEQUENCE {

Name of the Sub\_IE: (MeasResultNR)

timeBetweenEvents-r17 TimeBetweenEvent-r17 OPTIONAL,

Name of the Sub\_IE: (MeasResultNR)

firstTriggeredEvent ENUMERATED {condFirstEvent, condSecondEvent} OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

} OPTIONAL

Name of the Sub\_IE: (MeasResultNR)

]]

Name of the Sub\_IE: (MeasResultListEUTRA)

MeasResultListEUTRA SEQUENCE (SIZE (1..maxCellReport)) OF MeasResultEUTRA

Name of the Sub\_IE: (MeasResultEUTRA)

eutra-PhysCellId PhysCellId,

Name of the Sub\_IE: (MeasResultEUTRA)

measResult MeasQuantityResultsEUTRA,

Name of the Sub\_IE: (MeasResultEUTRA)

cgi-Info CGI-InfoEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasResultEUTRA)

...

Name of the Sub\_IE: (MultiBandInfoListEUTRA)

MultiBandInfoListEUTRA SEQUENCE (SIZE (1..maxMultiBands)) OF FreqBandIndicatorEUTRA

Name of the Sub\_IE: (MeasQuantityResults)

rsrp RSRP-Range OPTIONAL,

Name of the Sub\_IE: (MeasQuantityResults)

rsrq RSRQ-Range OPTIONAL,

Name of the Sub\_IE: (MeasQuantityResults)

sinr SINR-Range OPTIONAL

Name of the Sub\_IE: (MeasQuantityResultsEUTRA)

rsrp RSRP-RangeEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasQuantityResultsEUTRA)

rsrq RSRQ-RangeEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasQuantityResultsEUTRA)

sinr SINR-RangeEUTRA OPTIONAL

Name of the Sub\_IE: (ResultsPerSSB-IndexList)

ResultsPerSSB-IndexList SEQUENCE (SIZE (1..maxNrofIndexesToReport2)) OF ResultsPerSSB-Index

Name of the Sub\_IE: (ResultsPerSSB-Index)

ssb-Index SSB-Index,

Name of the Sub\_IE: (ResultsPerSSB-Index)

ssb-Results MeasQuantityResults OPTIONAL

Name of the Sub\_IE: (ResultsPerCSI-RS-IndexList)

ResultsPerCSI-RS-IndexList SEQUENCE (SIZE (1..maxNrofIndexesToReport2)) OF ResultsPerCSI-RS-Index

Name of the Sub\_IE: (ResultsPerCSI-RS-Index)

csi-RS-Index CSI-RS-Index,

Name of the Sub\_IE: (ResultsPerCSI-RS-Index)

csi-RS-Results MeasQuantityResults OPTIONAL

Name of the Sub\_IE: (MeasResultServFreqListEUTRA-SCG)

MeasResultServFreqListEUTRA-SCG SEQUENCE (SIZE (1..maxNrofServingCellsEUTRA)) OF MeasResult2EUTRA

Name of the Sub\_IE: (MeasResultServFreqListNR-SCG)

MeasResultServFreqListNR-SCG SEQUENCE (SIZE (1..maxNrofServingCells)) OF MeasResult2NR

Name of the Sub\_IE: (MeasResultListUTRA-FDD-r16)

MeasResultListUTRA-FDD-r16 SEQUENCE (SIZE (1..maxCellReport)) OF MeasResultUTRA-FDD-r16

Name of the Sub\_IE: (MeasResultUTRA-FDD-r16)

physCellId-r16 PhysCellIdUTRA-FDD-r16,

Name of the Sub\_IE: (MeasResultUTRA-FDD-r16)

measResult-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultUTRA-FDD-r16)

utra-FDD-RSCP-r16 INTEGER (-5..91) OPTIONAL,

Name of the Sub\_IE: (MeasResultUTRA-FDD-r16)

utra-FDD-EcN0-r16 INTEGER (0..49) OPTIONAL

Name of the Sub\_IE: (MeasResultForRSSI-r16)

rssi-Result-r16 RSSI-Range-r16,

Name of the Sub\_IE: (MeasResultForRSSI-r16)

channelOccupancy-r16 INTEGER (0..100)

Name of the Sub\_IE: (MeasResultCLI-r16)

measResultListSRS-RSRP-r16 MeasResultListSRS-RSRP-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResultCLI-r16)

measResultListCLI-RSSI-r16 MeasResultListCLI-RSSI-r16 OPTIONAL

Name of the Sub\_IE: (MeasResultListSRS-RSRP-r16)

MeasResultListSRS-RSRP-r16 SEQUENCE (SIZE (1.. maxCLI-Report-r16)) OF MeasResultSRS-RSRP-r16

Name of the Sub\_IE: (MeasResultSRS-RSRP-r16)

srs-ResourceId-r16 SRS-ResourceId,

Name of the Sub\_IE: (MeasResultSRS-RSRP-r16)

srs-RSRP-Result-r16 SRS-RSRP-Range-r16

Name of the Sub\_IE: (MeasResultListCLI-RSSI-r16)

MeasResultListCLI-RSSI-r16 SEQUENCE (SIZE (1.. maxCLI-Report-r16)) OF MeasResultCLI-RSSI-r16

Name of the Sub\_IE: (MeasResultCLI-RSSI-r16)

rssi-ResourceId-r16 RSSI-ResourceId-r16,

Name of the Sub\_IE: (MeasResultCLI-RSSI-r16)

cli-RSSI-Result-r16 CLI-RSSI-Range-r16

Name of the Sub\_IE: (UL-PDCP-DelayValueResultList-r16)

UL-PDCP-DelayValueResultList-r16 SEQUENCE (SIZE (1..maxDRB)) OF UL-PDCP-DelayValueResult-r16

Name of the Sub\_IE: (UL-PDCP-DelayValueResult-r16)

drb-Id-r16 DRB-Identity,

Name of the Sub\_IE: (UL-PDCP-DelayValueResult-r16)

averageDelay-r16 INTEGER (0..10000),

Name of the Sub\_IE: (UL-PDCP-DelayValueResult-r16)

...

Name of the Sub\_IE: (UL-PDCP-ExcessDelayResultList-r17)

UL-PDCP-ExcessDelayResultList-r17 SEQUENCE (SIZE (1..maxDRB)) OF UL-PDCP-ExcessDelayResult-r17

Name of the Sub\_IE: (UL-PDCP-ExcessDelayResult-r17)

drb-Id-r17 DRB-Identity,

Name of the Sub\_IE: (UL-PDCP-ExcessDelayResult-r17)

excessDelay-r17 INTEGER (0..31),

Name of the Sub\_IE: (UL-PDCP-ExcessDelayResult-r17)

...

Name of the IE: (MEASRESULT2EUTRA)

Name of the Sub\_IE: (MeasResult2EUTRA)

carrierFreq ARFCN-ValueEUTRA,

Name of the Sub\_IE: (MeasResult2EUTRA)

measResultServingCell MeasResultEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasResult2EUTRA)

measResultBestNeighCell MeasResultEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasResult2EUTRA)

...

Name of the IE: (MEASRESULT2NR)

Name of the Sub\_IE: (MeasResult2NR)

ssbFrequency ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR)

refFreqCSI-RS ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR)

measResultServingCell MeasResultNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR)

measResultNeighCellListNR MeasResultListNR OPTIONAL,

Name of the Sub\_IE: (MeasResult2NR)

...

Name of the IE: (MEASRESULTIDLEEUTRA)

Name of the Sub\_IE: (MeasResultIdleEUTRA-r16)

measResultsPerCarrierListIdleEUTRA-r16 SEQUENCE (SIZE (1.. maxFreqIdle-r16)) OF MeasResultsPerCarrierIdleEUTRA-r16,

Name of the Sub\_IE: (MeasResultIdleEUTRA-r16)

...

Name of the Sub\_IE: (MeasResultsPerCarrierIdleEUTRA-r16)

carrierFreqEUTRA-r16 ARFCN-ValueEUTRA,

Name of the Sub\_IE: (MeasResultsPerCarrierIdleEUTRA-r16)

measResultsPerCellListIdleEUTRA-r16 SEQUENCE (SIZE (1..maxCellMeasIdle-r16)) OF MeasResultsPerCellIdleEUTRA-r16,

Name of the Sub\_IE: (MeasResultsPerCarrierIdleEUTRA-r16)

...

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

eutra-PhysCellId-r16 EUTRA-PhysCellId,

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

measIdleResultEUTRA-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

rsrp-ResultEUTRA-r16 RSRP-RangeEUTRA OPTIONAL,

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

rsrq-ResultEUTRA-r16 RSRQ-RangeEUTRA-r16 OPTIONAL

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

},

Name of the Sub\_IE: (MeasResultsPerCellIdleEUTRA-r16)

...

Name of the IE: (MEASRESULTIDLENR)

Name of the Sub\_IE: (MeasResultIdleNR-r16)

measResultServingCell-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultIdleNR-r16)

rsrp-Result-r16 RSRP-Range OPTIONAL,

Name of the Sub\_IE: (MeasResultIdleNR-r16)

rsrq-Result-r16 RSRQ-Range OPTIONAL,

Name of the Sub\_IE: (MeasResultIdleNR-r16)

resultsSSB-Indexes-r16 ResultsPerSSB-IndexList-r16 OPTIONAL

Name of the Sub\_IE: (MeasResultIdleNR-r16)

},

Name of the Sub\_IE: (MeasResultIdleNR-r16)

measResultsPerCarrierListIdleNR-r16 SEQUENCE (SIZE (1.. maxFreqIdle-r16)) OF MeasResultsPerCarrierIdleNR-r16 OPTIONAL,

Name of the Sub\_IE: (MeasResultIdleNR-r16)

...

Name of the Sub\_IE: (MeasResultsPerCarrierIdleNR-r16)

carrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (MeasResultsPerCarrierIdleNR-r16)

measResultsPerCellListIdleNR-r16 SEQUENCE (SIZE (1..maxCellMeasIdle-r16)) OF MeasResultsPerCellIdleNR-r16,

Name of the Sub\_IE: (MeasResultsPerCarrierIdleNR-r16)

...

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

physCellId-r16 PhysCellId,

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

measIdleResultNR-r16 SEQUENCE {

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

rsrp-Result-r16 RSRP-Range OPTIONAL,

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

rsrq-Result-r16 RSRQ-Range OPTIONAL,

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

resultsSSB-Indexes-r16 ResultsPerSSB-IndexList-r16 OPTIONAL

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

},

Name of the Sub\_IE: (MeasResultsPerCellIdleNR-r16)

...

Name of the Sub\_IE: (ResultsPerSSB-IndexList-r16)

ResultsPerSSB-IndexList-r16 SEQUENCE (SIZE (1.. maxNrofIndexesToReport)) OF ResultsPerSSB-IndexIdle-r16

Name of the Sub\_IE: (ResultsPerSSB-IndexIdle-r16)

ssb-Index-r16 SSB-Index,

Name of the Sub\_IE: (ResultsPerSSB-IndexIdle-r16)

ssb-Results-r16 SEQUENCE {

Name of the Sub\_IE: (ResultsPerSSB-IndexIdle-r16)

ssb-RSRP-Result-r16 RSRP-Range OPTIONAL,

Name of the Sub\_IE: (ResultsPerSSB-IndexIdle-r16)

ssb-RSRQ-Result-r16 RSRQ-Range OPTIONAL

Name of the Sub\_IE: (ResultsPerSSB-IndexIdle-r16)

} OPTIONAL

Name of the IE: (MEASRESULTRXTXTIMEDIFF)

Name of the Sub\_IE: (MeasResultRxTxTimeDiff-r17)

rxTxTimeDiff-ue-r17 RxTxTimeDiff-r17 OPTIONAL,

Name of the Sub\_IE: (MeasResultRxTxTimeDiff-r17)

...

Name of the IE: (MEASRESULTSCG-FAILURE)

Name of the Sub\_IE: (MeasResultSCG-Failure)

measResultPerMOList MeasResultList2NR,

Name of the Sub\_IE: (MeasResultSCG-Failure)

...,

Name of the Sub\_IE: (MeasResultSCG-Failure)

[[

Name of the Sub\_IE: (MeasResultSCG-Failure)

locationInfo-r16 LocationInfo-r16 OPTIONAL

Name of the Sub\_IE: (MeasResultSCG-Failure)

]]

Name of the Sub\_IE: (MeasResultList2NR)

MeasResultList2NR SEQUENCE (SIZE (1..maxFreq)) OF MeasResult2NR

Name of the IE: (MEASRESULTSSL)

Name of the Sub\_IE: (MeasResultsSL-r16)

measResultsListSL-r16 CHOICE {

Name of the Sub\_IE: (MeasResultsSL-r16)

measResultNR-SL-r16 MeasResultNR-SL-r16,

Name of the Sub\_IE: (MeasResultsSL-r16)

...

Name of the Sub\_IE: (MeasResultsSL-r16)

},

Name of the Sub\_IE: (MeasResultsSL-r16)

...

Name of the Sub\_IE: (MeasResultNR-SL-r16)

measResultListCBR-NR-r16 SEQUENCE (SIZE (1.. maxNrofSL-PoolToMeasureNR-r16)) OF MeasResultCBR-NR-r16,

Name of the Sub\_IE: (MeasResultNR-SL-r16)

...

Name of the Sub\_IE: (MeasResultCBR-NR-r16)

sl-poolReportIdentity-r16 SL-ResourcePoolID-r16,

Name of the Sub\_IE: (MeasResultCBR-NR-r16)

sl-CBR-ResultsNR-r16 SL-CBR-r16,

Name of the Sub\_IE: (MeasResultCBR-NR-r16)

...

Name of the IE: (MEASTRIGGERQUANTITYEUTRA)

Name of the Sub\_IE: (MeasTriggerQuantityEUTRA)

rsrp RSRP-RangeEUTRA,

Name of the Sub\_IE: (MeasTriggerQuantityEUTRA)

rsrq RSRQ-RangeEUTRA,

Name of the Sub\_IE: (MeasTriggerQuantityEUTRA)

sinr SINR-RangeEUTRA

Name of the IE: (MOBILITYSTATEPARAMETERS)

Name of the Sub\_IE: (MobilityStateParameters)

t-Evaluation ENUMERATED {

Name of the Sub\_IE: (MobilityStateParameters)

s30, s60, s120, s180, s240, spare3, spare2, spare1},

Name of the Sub\_IE: (MobilityStateParameters)

t-HystNormal ENUMERATED {

Name of the Sub\_IE: (MobilityStateParameters)

s30, s60, s120, s180, s240, spare3, spare2, spare1},

Name of the Sub\_IE: (MobilityStateParameters)

n-CellChangeMedium INTEGER (1..16),

Name of the Sub\_IE: (MobilityStateParameters)

n-CellChangeHigh INTEGER (1..16)

Name of the IE: (MRB-IDENTITY)

Name of the IE: (MSGACONFIGCOMMON)

Name of the Sub\_IE: (MsgA-ConfigCommon-r16)

rach-ConfigCommonTwoStepRA-r16 RACH-ConfigCommonTwoStepRA-r16,

Name of the Sub\_IE: (MsgA-ConfigCommon-r16)

msgA-PUSCH-Config-r16 MsgA-PUSCH-Config-r16 OPTIONAL --Cond InitialBWPConfig

Name of the IE: (MSGA-PUSCH-CONFIG)

Name of the Sub\_IE: (MsgA-PUSCH-Config-r16)

msgA-PUSCH-ResourceGroupA-r16 MsgA-PUSCH-Resource-r16 OPTIONAL, -- Cond InitialBWPConfig

Name of the Sub\_IE: (MsgA-PUSCH-Config-r16)

msgA-PUSCH-ResourceGroupB-r16 MsgA-PUSCH-Resource-r16 OPTIONAL, -- Cond GroupBConfigured

Name of the Sub\_IE: (MsgA-PUSCH-Config-r16)

msgA-TransformPrecoder-r16 ENUMERATED {enabled, disabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Config-r16)

msgA-DataScramblingIndex-r16 INTEGER (0..1023) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-PUSCH-Config-r16)

msgA-DeltaPreamble-r16 INTEGER (-1..6) OPTIONAL -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-MCS-r16 INTEGER (0..15),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofSlotsMsgA-PUSCH-r16 INTEGER (1..4),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofMsgA-PO-PerSlot-r16 ENUMERATED {one, two, three, six},

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-PUSCH-TimeDomainOffset-r16 INTEGER (1..32),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-PUSCH-TimeDomainAllocation-r16 INTEGER (1..maxNrofUL-Allocations) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

startSymbolAndLengthMsgA-PO-r16 INTEGER (0..127) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

mappingTypeMsgA-PUSCH-r16 ENUMERATED {typeA, typeB} OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

guardPeriodMsgA-PUSCH-r16 INTEGER (0..3) OPTIONAL, -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

guardBandMsgA-PUSCH-r16 INTEGER (0..1),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

frequencyStartMsgA-PUSCH-r16 INTEGER (0..maxNrofPhysicalResourceBlocks-1),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofPRBs-PerMsgA-PO-r16 INTEGER (1..32),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofMsgA-PO-FDM-r16 ENUMERATED {one, two, four, eight},

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-IntraSlotFrequencyHopping-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-HoppingBits-r16 BIT STRING (SIZE(2)) OPTIONAL, -- Cond FreqHopConfigured

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-DMRS-Config-r16 MsgA-DMRS-Config-r16,

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofDMRS-Sequences-r16 INTEGER (1..2),

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

msgA-Alpha-r16 ENUMERATED {alpha0, alpha04, alpha05, alpha06,

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

interlaceIndexFirstPO-MsgA-PUSCH-r16 INTEGER (1..10) OPTIONAL, -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

nrofInterlacesPerMsgA-PO-r16 INTEGER (1..10) OPTIONAL, -- Need R

Name of the Sub\_IE: (MsgA-PUSCH-Resource-r16)

...

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-DMRS-AdditionalPosition-r16 ENUMERATED {pos0, pos1, pos3} OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-MaxLength-r16 ENUMERATED {len2} OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-PUSCH-DMRS-CDM-Group-r16 INTEGER (0..1) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-PUSCH-NrofPorts-r16 INTEGER (0..1) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-ScramblingID0-r16 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (MsgA-DMRS-Config-r16)

msgA-ScramblingID1-r16 INTEGER (0..65535) OPTIONAL -- Need S

Name of the IE: (MULTIFREQUENCYBANDLISTNR)

Name of the Sub\_IE: (MultiFrequencyBandListNR)

MultiFrequencyBandListNR SEQUENCE (SIZE (1..maxNrofMultiBands)) OF FreqBandIndicatorNR

Name of the IE: (MULTIFREQUENCYBANDLISTNR-SIB)

Name of the Sub\_IE: (MultiFrequencyBandListNR-SIB)

MultiFrequencyBandListNR-SIB SEQUENCE (SIZE (1.. maxNrofMultiBands)) OF NR-MultiBandInfo

Name of the Sub\_IE: (NR-MultiBandInfo)

freqBandIndicatorNR FreqBandIndicatorNR OPTIONAL, -- Cond OptULNotSIB2

Name of the Sub\_IE: (NR-MultiBandInfo)

nr-NS-PmaxList NR-NS-PmaxList OPTIONAL -- Need S

Name of the IE: (MUSIM-GAPCONFIG)

Name of the Sub\_IE: (MUSIM-GapConfig-r17)

musim-GapToReleaseList-r17 SEQUENCE (SIZE (1..3)) OF MUSIM-GapId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MUSIM-GapConfig-r17)

musim-GapToAddModList-r17 SEQUENCE (SIZE (1..3)) OF MUSIM-Gap-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MUSIM-GapConfig-r17)

musim-AperiodicGap-r17 MUSIM-GapInfo-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MUSIM-GapConfig-r17)

...

Name of the Sub\_IE: (MUSIM-Gap-r17)

musim-GapId-r17 MUSIM-GapId-r17,

Name of the Sub\_IE: (MUSIM-Gap-r17)

musim-GapInfo-r17 MUSIM-GapInfo-r17

Name of the IE: (MUSIM-GAPID)

Name of the IE: (MUSIM-GAPINFO)

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

musim-Starting-SFN-AndSubframe-r17 MUSIM-Starting-SFN-AndSubframe-r17 OPTIONAL, -- Cond aperiodic

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

musim-GapLength-r17 ENUMERATED {ms3, ms4, ms6, ms10, ms20} OPTIONAL, -- Cond gapSetup

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

musim-GapRepetitionAndOffset-r17 CHOICE {

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms20-r17 INTEGER (0..19),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms40-r17 INTEGER (0..39),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms80-r17 INTEGER (0..79),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms160-r17 INTEGER (0..159),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms320-r17 INTEGER (0..319),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms640-r17 INTEGER (0..639),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms1280-r17 INTEGER (0..1279),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms2560-r17 INTEGER (0..2559),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

ms5120-r17 INTEGER (0..5119),

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

...

Name of the Sub\_IE: (MUSIM-GapInfo-r17)

} OPTIONAL -- Cond periodic

Name of the Sub\_IE: (MUSIM-Starting-SFN-AndSubframe-r17)

starting-SFN-r17 INTEGER (0..1023),

Name of the Sub\_IE: (MUSIM-Starting-SFN-AndSubframe-r17)

startingSubframe-r17 INTEGER (0..9)

Name of the IE: (NeedForGapsConfigNR)

Name of the Sub\_IE: (NeedForGapsConfigNR-r16)

requestedTargetBandFilterNR-r16 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL -- Need R

Name of the IE: (NeedForGapsInfoNR)

Name of the Sub\_IE: (NeedForGapsInfoNR-r16)

intraFreq-needForGap-r16 NeedForGapsIntraFreqList-r16,

Name of the Sub\_IE: (NeedForGapsInfoNR-r16)

interFreq-needForGap-r16 NeedForGapsBandListNR-r16

Name of the Sub\_IE: (NeedForGapsIntraFreqList-r16)

NeedForGapsIntraFreqList-r16 SEQUENCE (SIZE (1.. maxNrofServingCells)) OF NeedForGapsIntraFreq-r16

Name of the Sub\_IE: (NeedForGapsBandListNR-r16)

NeedForGapsBandListNR-r16 SEQUENCE (SIZE (1..maxBands)) OF NeedForGapsNR-r16

Name of the Sub\_IE: (NeedForGapsIntraFreq-r16)

servCellId-r16 ServCellIndex,

Name of the Sub\_IE: (NeedForGapsIntraFreq-r16)

gapIndicationIntra-r16 ENUMERATED {gap, no-gap}

Name of the Sub\_IE: (NeedForGapsNR-r16)

bandNR-r16 FreqBandIndicatorNR,

Name of the Sub\_IE: (NeedForGapsNR-r16)

gapIndication-r16 ENUMERATED {gap, no-gap}

Name of the IE: (NeedForGapNCSG-ConfigEUTRA)

Name of the Sub\_IE: (NeedForGapNCSG-ConfigEUTRA-r17)

requestedTargetBandFilterNCSG-EUTRA-r17 SEQUENCE (SIZE (1..maxBandsEUTRA)) OF FreqBandIndicatorEUTRA OPTIONAL -- Need R

Name of the IE: (NEEDFORGAPNCSG-CONFIGNR)

Name of the Sub\_IE: (NeedForGapNCSG-ConfigNR-r17)

requestedTargetBandFilterNCSG-NR-r17 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL -- Need R

Name of the IE: (NEEDFORGAPNCSG-INFOEUTRA)

Name of the Sub\_IE: (NeedForGapNCSG-InfoEUTRA-r17)

needForNCSG-EUTRA-r17 SEQUENCE (SIZE (1..maxBandsEUTRA)) OF NeedForNCSG-EUTRA-r17

Name of the Sub\_IE: (NeedForNCSG-EUTRA-r17)

bandEUTRA-r17 FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (NeedForNCSG-EUTRA-r17)

gapIndication-r17 ENUMERATED {gap, ncsg, nogap-noncsg}

Name of the IE: (NEEDFORGAPNCSG-INFONR)

Name of the Sub\_IE: (NeedForGapNCSG-InfoNR-r17)

intraFreq-needForNCSG-r17 NeedForNCSG-IntraFreqList-r17,

Name of the Sub\_IE: (NeedForGapNCSG-InfoNR-r17)

interFreq-needForNCSG-r17 NeedForNCSG-BandListNR-r17

Name of the Sub\_IE: (NeedForNCSG-IntraFreqList-r17)

NeedForNCSG-IntraFreqList-r17 SEQUENCE (SIZE (1.. maxNrofServingCells)) OF NeedForNCSG-IntraFreq-r17

Name of the Sub\_IE: (NeedForNCSG-BandListNR-r17)

NeedForNCSG-BandListNR-r17 SEQUENCE (SIZE (1..maxBands)) OF NeedForNCSG-NR-r17

Name of the Sub\_IE: (NeedForNCSG-IntraFreq-r17)

servCellId-r17 ServCellIndex,

Name of the Sub\_IE: (NeedForNCSG-IntraFreq-r17)

gapIndicationIntra-r17 ENUMERATED {gap, ncsg, nogap-noncsg}

Name of the Sub\_IE: (NeedForNCSG-NR-r17)

bandNR-r17 FreqBandIndicatorNR,

Name of the Sub\_IE: (NeedForNCSG-NR-r17)

gapIndication-r17 ENUMERATED {gap, ncsg, nogap-noncsg}

Name of the IE: (NEXTHOPCHAININGCOUNT)

Name of the IE: (NG-5G-S-TMSI)

Name of the IE: (NONCELLDEFININGSSB)

Name of the Sub\_IE: (NonCellDefiningSSB-r17)

absoluteFrequencySSB-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (NonCellDefiningSSB-r17)

ssb-Periodicity-r17 ENUMERATED { ms5, ms10, ms20, ms40, ms80, ms160, spare2, spare1 } OPTIONAL, -- Need S

Name of the Sub\_IE: (NonCellDefiningSSB-r17)

ssb-TimeOffset-r17 ENUMERATED { ms5, ms10, ms15, ms20, ms40, ms80, spare2, spare1 } OPTIONAL, -- Need S

Name of the Sub\_IE: (NonCellDefiningSSB-r17)

...

Name of the IE: (NPN-IDENTITY)

Name of the Sub\_IE: (NPN-Identity-r16)

pni-npn-r16 SEQUENCE {

Name of the Sub\_IE: (NPN-Identity-r16)

plmn-Identity-r16 PLMN-Identity,

Name of the Sub\_IE: (NPN-Identity-r16)

cag-IdentityList-r16 SEQUENCE (SIZE (1..maxNPN-r16)) OF CAG-IdentityInfo-r16

Name of the Sub\_IE: (NPN-Identity-r16)

},

Name of the Sub\_IE: (NPN-Identity-r16)

snpn-r16 SEQUENCE {

Name of the Sub\_IE: (NPN-Identity-r16)

plmn-Identity-r16 PLMN-Identity,

Name of the Sub\_IE: (NPN-Identity-r16)

nid-List-r16 SEQUENCE (SIZE (1..maxNPN-r16)) OF NID-r16

Name of the Sub\_IE: (CAG-IdentityInfo-r16)

cag-Identity-r16 BIT STRING (SIZE (32)),

Name of the Sub\_IE: (CAG-IdentityInfo-r16)

manualCAGselectionAllowed-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the IE: (NPN-IDENTITYINFOLIST)

Name of the Sub\_IE: (NPN-IdentityInfoList-r16)

NPN-IdentityInfoList-r16 SEQUENCE (SIZE (1..maxNPN-r16)) OF NPN-IdentityInfo-r16

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

npn-IdentityList-r16 SEQUENCE (SIZE (1..maxNPN-r16)) OF NPN-Identity-r16,

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

trackingAreaCode-r16 TrackingAreaCode,

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

ranac-r16 RAN-AreaCode OPTIONAL, -- Need R

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

cellIdentity-r16 CellIdentity,

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

cellReservedForOperatorUse-r16 ENUMERATED {reserved, notReserved},

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

iab-Support-r16 ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

...,

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

[[

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

gNB-ID-Length-r17 INTEGER (22..32) OPTIONAL -- Need R

Name of the Sub\_IE: (NPN-IdentityInfo-r16)

]]

Name of the IE: (NR-DL-PRS-PDC-INFO)

Name of the Sub\_IE: (NR-DL-PRS-PDC-Info-r17)

nr-DL-PRS-PDC-ResourceSet-r17 NR-DL-PRS-PDC-ResourceSet-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NR-DL-PRS-PDC-Info-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

periodicityAndOffset-r17 NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17,

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

numSymbols-r17 ENUMERATED {n2, n4, n6, n12, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

dl-PRS-ResourceBandwidth-r17 INTEGER (1..63),

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

dl-PRS-StartPRB-r17 INTEGER (0..2176),

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

resourceList-r17 SEQUENCE (SIZE (1..maxNrofPRS-ResourcesPerSet-r17)) OF NR-DL-PRS-Resource-r17,

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

repFactorAndTimeGap-r17 RepFactorAndTimeGap-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (NR-DL-PRS-PDC-ResourceSet-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

scs15-r17 CHOICE {

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n4-r17 INTEGER (0..3),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n5-r17 INTEGER (0..4),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n8-r17 INTEGER (0..7),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10-r17 INTEGER (0..9),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n16-r17 INTEGER (0..15),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20-r17 INTEGER (0..19),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n32-r17 INTEGER (0..31),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40-r17 INTEGER (0..39),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n64-r17 INTEGER (0..63),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n80-r17 INTEGER (0..79),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n160-r17 INTEGER (0..159),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n320-r17 INTEGER (0..319),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n640-r17 INTEGER (0..639),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n1280-r17 INTEGER (0..1279),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n2560-r17 INTEGER (0..2559),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n5120-r17 INTEGER (0..5119),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10240-r17 INTEGER (0..10239),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

},

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

scs30-r17 CHOICE {

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n8-r17 INTEGER (0..7),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10-r17 INTEGER (0..9),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n16-r17 INTEGER (0..15),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20-r17 INTEGER (0..19),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n32-r17 INTEGER (0..31),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40-r17 INTEGER (0..39),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n64-r17 INTEGER (0..63),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n80-r17 INTEGER (0..79),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n128-r17 INTEGER (0..127),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n160-r17 INTEGER (0..159),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n320-r17 INTEGER (0..319),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n640-r17 INTEGER (0..639),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n1280-r17 INTEGER (0..1279),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n2560-r17 INTEGER (0..2559),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n5120-r17 INTEGER (0..5119),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10240-r17 INTEGER (0..10239),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20480-r17 INTEGER (0..20479),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

},

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

scs60-r17 CHOICE {

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n16-r17 INTEGER (0..15),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20-r17 INTEGER (0..19),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n32-r17 INTEGER (0..31),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40-r17 INTEGER (0..39),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n64-r17 INTEGER (0..63),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n80-r17 INTEGER (0..79),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n128-r17 INTEGER (0..127),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n160-r17 INTEGER (0..159),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n256-r17 INTEGER (0..255),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n320-r17 INTEGER (0..319),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n640-r17 INTEGER (0..639),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n1280-r17 INTEGER (0..1279),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n2560-r17 INTEGER (0..2559),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n5120-r17 INTEGER (0..5119),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10240-r17 INTEGER (0..10239),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20480-r17 INTEGER (0..20479),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40960-r17 INTEGER (0..40959),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

},

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

scs120-r17 CHOICE {

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n32-r17 INTEGER (0..31),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40-r17 INTEGER (0..39),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n64-r17 INTEGER (0..63),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n80-r17 INTEGER (0..79),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n128-r17 INTEGER (0..127),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n160-r17 INTEGER (0..159),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n256-r17 INTEGER (0..255),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n320-r17 INTEGER (0..319),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n512-r17 INTEGER (0..511),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n640-r17 INTEGER (0..639),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n1280-r17 INTEGER (0..1279),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n2560-r17 INTEGER (0..2559),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n5120-r17 INTEGER (0..5119),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n10240-r17 INTEGER (0..10239),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n20480-r17 INTEGER (0..20479),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n40960-r17 INTEGER (0..40959),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

n81920-r17 INTEGER (0..81919),

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

},

Name of the Sub\_IE: (NR-DL-PRS-Periodicity-and-ResourceSetSlotOffset-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

nr-DL-PRS-ResourceID-r17 NR-DL-PRS-ResourceID-r17,

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

dl-PRS-SequenceID-r17 INTEGER (0..4095),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

dl-PRS-CombSizeN-AndReOffset-r17 CHOICE {

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

n2-r17 INTEGER (0..1),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

n4-r17 INTEGER (0..3),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

n6-r17 INTEGER (0..5),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

n12-r17 INTEGER (0..11),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

...

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

},

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

dl-PRS-ResourceSlotOffset-r17 INTEGER (0..maxNrofPRS-ResourceOffsetValue-1-r17),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

dl-PRS-ResourceSymbolOffset-r17 INTEGER (0..12),

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

dl-PRS-QCL-Info-r17 DL-PRS-QCL-Info-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (NR-DL-PRS-Resource-r17)

...

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

ssb-r17 SEQUENCE {

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

ssb-Index-r17 INTEGER (0..63),

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

rs-Type-r17 ENUMERATED {typeC, typeD, typeC-plus-typeD},

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

...

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

},

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

dl-PRS-r17 SEQUENCE {

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

qcl-DL-PRS-ResourceID-r17 NR-DL-PRS-ResourceID-r17,

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

...

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

},

Name of the Sub\_IE: (DL-PRS-QCL-Info-r17)

...

Name of the Sub\_IE: (RepFactorAndTimeGap-r17)

repetitionFactor-r17 ENUMERATED {n2, n4, n6, n8, n16, n32, spare2, spare1},

Name of the Sub\_IE: (RepFactorAndTimeGap-r17)

timeGap-r17 ENUMERATED {s1, s2, s4, s8, s16, s32, spare2, spare1}

Name of the IE: (NR-NS-PMAXLIST)

Name of the Sub\_IE: (NR-NS-PmaxList)

NR-NS-PmaxList SEQUENCE (SIZE (1..maxNR-NS-Pmax)) OF NR-NS-PmaxValue

Name of the Sub\_IE: (NR-NS-PmaxValue)

additionalPmax P-Max OPTIONAL, -- Need N

Name of the Sub\_IE: (NR-NS-PmaxValue)

additionalSpectrumEmission AdditionalSpectrumEmission

Name of the IE: (NSAG-ID)

Name of the IE: (NSAG-IDENTITYINFO)

Name of the Sub\_IE: (NSAG-IdentityInfo-r17)

nsag-ID-r17 NSAG-ID-r17,

Name of the Sub\_IE: (NSAG-IdentityInfo-r17)

trackingAreaCode-r17 TrackingAreaCode OPTIONAL -- Need R

Name of the IE: (NTN-CONFIG)

Name of the Sub\_IE: (NTN-Config-r17)

epochTime-r17 EpochTime-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ntn-UlSyncValidityDuration-r17 ENUMERATED{ s5, s10, s15, s20, s25, s30, s35,

Name of the Sub\_IE: (NTN-Config-r17)

s40, s45, s50, s55, s60, s120, s180, s240, s900} OPTIONAL, -- Cond SIB19

Name of the Sub\_IE: (NTN-Config-r17)

cellSpecificKoffset-r17 INTEGER(1..1023) OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

kmac-r17 INTEGER(1..512) OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ta-Info-r17 TA-Info-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ntn-PolarizationDL-r17 ENUMERATED {rhcp,lhcp,linear} OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ntn-PolarizationUL-r17 ENUMERATED {rhcp,lhcp,linear} OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ephemerisInfo-r17 EphemerisInfo-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

ta-Report-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (NTN-Config-r17)

...

Name of the Sub\_IE: (EpochTime-r17)

sfn-r17 INTEGER(0..1023),

Name of the Sub\_IE: (EpochTime-r17)

subFrameNR-r17 INTEGER(0..9)

Name of the Sub\_IE: (TA-Info-r17)

ta-Common-r17 INTEGER(0..66485757),

Name of the Sub\_IE: (TA-Info-r17)

ta-CommonDrift-r17 INTEGER(-257303..257303) OPTIONAL, -- Need R

Name of the Sub\_IE: (TA-Info-r17)

ta-CommonDriftVariant-r17 INTEGER(0..28949) OPTIONAL -- Need R

Name of the IE: (NZP-CSI-RS-RESOURCE)

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

nzp-CSI-RS-ResourceId NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

resourceMapping CSI-RS-ResourceMapping,

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

powerControlOffset INTEGER (-8..15),

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

powerControlOffsetSS ENUMERATED{db-3, db0, db3, db6} OPTIONAL, -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

scramblingID ScramblingId,

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

periodicityAndOffset CSI-ResourcePeriodicityAndOffset OPTIONAL, -- Cond PeriodicOrSemiPersistent

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

qcl-InfoPeriodicCSI-RS TCI-StateId OPTIONAL, -- Cond Periodic

Name of the Sub\_IE: (NZP-CSI-RS-Resource)

...

Name of the IE: (NZP-CSI-RS-RESOURCEID)

Name of the IE: (NZP-CSI-RS-RESOURCESET)

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

nzp-CSI-ResourceSetId NZP-CSI-RS-ResourceSetId,

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

nzp-CSI-RS-Resources SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-ResourcesPerSet)) OF NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

repetition ENUMERATED { on, off } OPTIONAL, -- Need S

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

aperiodicTriggeringOffset INTEGER(0..6) OPTIONAL, -- Need S

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

trs-Info ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

...,

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

[[

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

aperiodicTriggeringOffset-r16 INTEGER(0..31) OPTIONAL -- Need S

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

]],

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

[[

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

pdc-Info-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

cmrGroupingAndPairing-r17 CMRGroupingAndPairing-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

aperiodicTriggeringOffset-r17 INTEGER (0..124) OPTIONAL, -- Need S

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

aperiodicTriggeringOffsetL2-r17 INTEGER(0..31) OPTIONAL -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-ResourceSet)

]]

Name of the Sub\_IE: (CMRGroupingAndPairing-r17)

nrofResourcesGroup1-r17 INTEGER (1..7),

Name of the Sub\_IE: (CMRGroupingAndPairing-r17)

pair1OfNZP-CSI-RS-r17 NZP-CSI-RS-Pairing-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (CMRGroupingAndPairing-r17)

pair2OfNZP-CSI-RS-r17 NZP-CSI-RS-Pairing-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (NZP-CSI-RS-Pairing-r17)

nzp-CSI-RS-ResourceId1-r17 INTEGER (1..7),

Name of the Sub\_IE: (NZP-CSI-RS-Pairing-r17)

nzp-CSI-RS-ResourceId2-r17 INTEGER (1..7)

Name of the IE: (NZP-CSI-RS-RESOURCESETID)

Name of the IE: (P-MAX)

Name of the IE: (PATHLOSSREFERENCERS)

Name of the Sub\_IE: (PathlossReferenceRS-r17)

pathlossReferenceRS-Id-r17 PathlossReferenceRS-Id-r17,

Name of the Sub\_IE: (PathlossReferenceRS-r17)

referenceSignal-r17 CHOICE {

Name of the Sub\_IE: (PathlossReferenceRS-r17)

ssb-Index SSB-Index,

Name of the Sub\_IE: (PathlossReferenceRS-r17)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PathlossReferenceRS-r17)

},

Name of the Sub\_IE: (PathlossReferenceRS-r17)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL -- Cond RS-SSB

Name of the IE: (PATHLOSSREFERENCERS-ID)

Name of the IE: (PCIARFCNEUTRA)

Name of the Sub\_IE: (PCI-ARFCN-EUTRA-r16)

physCellId-r16 EUTRA-PhysCellId,

Name of the Sub\_IE: (PCI-ARFCN-EUTRA-r16)

carrierFreq-r16 ARFCN-ValueEUTRA

Name of the IE: (PCIARFCNNR)

Name of the Sub\_IE: (PCI-ARFCN-NR-r16)

physCellId-r16 PhysCellId,

Name of the Sub\_IE: (PCI-ARFCN-NR-r16)

carrierFreq-r16 ARFCN-ValueNR

Name of the IE: (PCI-LIST)

Name of the Sub\_IE: (PCI-List)

PCI-List SEQUENCE (SIZE (1..maxNrofCellMeas)) OF PhysCellId

Name of the IE: (PCI-RANGE)

Name of the Sub\_IE: (PCI-Range)

start PhysCellId,

Name of the Sub\_IE: (PCI-Range)

range ENUMERATED {n4, n8, n12, n16, n24, n32, n48, n64, n84,

Name of the Sub\_IE: (PCI-Range)

n96, n128, n168, n252, n504, n1008,spare1} OPTIONAL -- Need S

Name of the IE: (PCI-RANGEELEMENT)

Name of the Sub\_IE: (PCI-RangeElement)

pci-RangeIndex PCI-RangeIndex,

Name of the Sub\_IE: (PCI-RangeElement)

pci-Range PCI-Range

Name of the IE: (PCI-RANGEINDEX)

Name of the IE: (PCI-RANGEINDEXLIST)

Name of the Sub\_IE: (PCI-RangeIndexList)

PCI-RangeIndexList SEQUENCE (SIZE (1..maxNrofPCI-Ranges)) OF PCI-RangeIndex

Name of the IE: (PDCCH-CONFIG)

Name of the Sub\_IE: (PDCCH-Config)

controlResourceSetToAddModList SEQUENCE(SIZE (1..3)) OF ControlResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

controlResourceSetToReleaseList SEQUENCE(SIZE (1..3)) OF ControlResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

searchSpacesToAddModList SEQUENCE(SIZE (1..10)) OF SearchSpace OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

searchSpacesToReleaseList SEQUENCE(SIZE (1..10)) OF SearchSpaceId OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

downlinkPreemption SetupRelease { DownlinkPreemption } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

tpc-PUSCH SetupRelease { PUSCH-TPC-CommandConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

tpc-PUCCH SetupRelease { PUCCH-TPC-CommandConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

tpc-SRS SetupRelease { SRS-TPC-CommandConfig} OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

...,

Name of the Sub\_IE: (PDCCH-Config)

[[

Name of the Sub\_IE: (PDCCH-Config)

controlResourceSetToAddModListSizeExt-v1610 SEQUENCE (SIZE (1..2)) OF ControlResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

controlResourceSetToReleaseListSizeExt-r16 SEQUENCE (SIZE (1..5)) OF ControlResourceSetId-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

searchSpacesToAddModListExt-r16 SEQUENCE(SIZE (1..10)) OF SearchSpaceExt-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

uplinkCancellation-r16 SetupRelease { UplinkCancellation-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

monitoringCapabilityConfig-r16 ENUMERATED { r15monitoringcapability,r16monitoringcapability } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

searchSpaceSwitchConfig-r16 SearchSpaceSwitchConfig-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-Config)

]],

Name of the Sub\_IE: (PDCCH-Config)

[[

Name of the Sub\_IE: (PDCCH-Config)

searchSpacesToAddModListExt-v1700 SEQUENCE(SIZE (1..10)) OF SearchSpaceExt-v1700 OPTIONAL, -- Need N

Name of the Sub\_IE: (PDCCH-Config)

monitoringCapabilityConfig-v1710 ENUMERATED { r17monitoringcapability } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-Config)

searchSpaceSwitchConfig-r17 SearchSpaceSwitchConfig-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-Config)

pdcch-SkippingDurationList-r17 SEQUENCE(SIZE (1..3)) OF SCS-SpecificDuration-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-Config)

]]

Name of the Sub\_IE: (SearchSpaceSwitchConfig-r16)

cellGroupsForSwitchList-r16 SEQUENCE(SIZE (1..4)) OF CellGroupForSwitch-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceSwitchConfig-r16)

searchSpaceSwitchDelay-r16 INTEGER (10..52) OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceSwitchConfig-r17)

searchSpaceSwitchTimer-r17 SCS-SpecificDuration-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceSwitchConfig-r17)

searchSpaceSwitchDelay-r17 INTEGER (10..52) OPTIONAL -- Need R

Name of the Sub\_IE: (CellGroupForSwitch-r16)

CellGroupForSwitch-r16 SEQUENCE (SIZE (1..16)) OF ServCellIndex

Name of the IE: (PDCCH-CONFIGCOMMON)

Name of the Sub\_IE: (PDCCH-ConfigCommon)

controlResourceSetZero ControlResourceSetZero OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (PDCCH-ConfigCommon)

commonControlResourceSet ControlResourceSet OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

searchSpaceZero SearchSpaceZero OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (PDCCH-ConfigCommon)

commonSearchSpaceList SEQUENCE (SIZE(1..4)) OF SearchSpace OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

searchSpaceSIB1 SearchSpaceId OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCCH-ConfigCommon)

searchSpaceOtherSystemInformation SearchSpaceId OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCCH-ConfigCommon)

pagingSearchSpace SearchSpaceId OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCCH-ConfigCommon)

ra-SearchSpace SearchSpaceId OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCCH-ConfigCommon)

...,

Name of the Sub\_IE: (PDCCH-ConfigCommon)

[[

Name of the Sub\_IE: (PDCCH-ConfigCommon)

firstPDCCH-MonitoringOccasionOfPO CHOICE {

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS15KHZoneT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..139),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS30KHZoneT-SCS15KHZhalfT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..279),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS60KHZoneT-SCS30KHZhalfT-SCS15KHZquarterT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..559),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZoneT-SCS60KHZhalfT-SCS30KHZquarterT-SCS15KHZoneEighthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..1119),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZhalfT-SCS60KHZquarterT-SCS30KHZoneEighthT-SCS15KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..2239),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZquarterT-SCS60KHZoneEighthT-SCS30KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..4479),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZoneEighthT-SCS60KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..8959),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..17919)

Name of the Sub\_IE: (PDCCH-ConfigCommon)

} OPTIONAL -- Cond OtherBWP

Name of the Sub\_IE: (PDCCH-ConfigCommon)

]],

Name of the Sub\_IE: (PDCCH-ConfigCommon)

[[

Name of the Sub\_IE: (PDCCH-ConfigCommon)

commonSearchSpaceListExt-r16 SEQUENCE (SIZE(1..4)) OF SearchSpaceExt-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

]],

Name of the Sub\_IE: (PDCCH-ConfigCommon)

[[

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sdt-SearchSpace-r17 CHOICE {

Name of the Sub\_IE: (PDCCH-ConfigCommon)

newSearchSpace SearchSpace,

Name of the Sub\_IE: (PDCCH-ConfigCommon)

existingSearchSpace SearchSpaceId

Name of the Sub\_IE: (PDCCH-ConfigCommon)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

searchSpaceMCCH-r17 SearchSpaceId OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

searchSpaceMTCH-r17 SearchSpaceId OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCCH-ConfigCommon)

commonSearchSpaceListExt2-r17 SEQUENCE (SIZE(1..4)) OF SearchSpaceExt-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

firstPDCCH-MonitoringOccasionOfPO-v1710 CHOICE {

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZoneEighthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..35839),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZoneSixteenthT SEQUENCE (SIZE (1..maxPO-perPF)) OF INTEGER (0..71679)

Name of the Sub\_IE: (PDCCH-ConfigCommon)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

pei-ConfigBWP-r17 SEQUENCE {

Name of the Sub\_IE: (PDCCH-ConfigCommon)

pei-SearchSpace-r17 SearchSpaceId,

Name of the Sub\_IE: (PDCCH-ConfigCommon)

firstPDCCH-MonitoringOccasionOfPEI-O-r17 CHOICE {

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS15KHZoneT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..139),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS30KHZoneT-SCS15KHZhalfT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..279),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS60KHZoneT-SCS30KHZhalfT-SCS15KHZquarterT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..559),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZoneT-SCS60KHZhalfT-SCS30KHZquarterT-SCS15KHZoneEighthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..1119),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS120KHZhalfT-SCS60KHZquarterT-SCS30KHZoneEighthT-SCS15KHZoneSixteenthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..2239),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZoneT-SCS120KHZquarterT-SCS60KHZoneEighthT-SCS30KHZoneSixteenthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..4479),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZhalfT-SCS120KHZoneEighthT-SCS60KHZoneSixteenthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..8959),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZquarterT-SCS120KHZoneSixteenthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..17919),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZoneEighthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..35839),

Name of the Sub\_IE: (PDCCH-ConfigCommon)

sCS480KHZoneSixteenthT SEQUENCE (SIZE (1..maxPEI-perPF-r17)) OF INTEGER (0..71679)

Name of the Sub\_IE: (PDCCH-ConfigCommon)

} OPTIONAL -- Cond InitialBWP-Paging

Name of the Sub\_IE: (PDCCH-ConfigCommon)

]],

Name of the Sub\_IE: (PDCCH-ConfigCommon)

[[

Name of the Sub\_IE: (PDCCH-ConfigCommon)

followUnifiedTCI-State-v1720 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-ConfigCommon)

]]

Name of the IE: (PDCCH-CONFIGSIB1)

Name of the Sub\_IE: (PDCCH-ConfigSIB1)

controlResourceSetZero ControlResourceSetZero,

Name of the Sub\_IE: (PDCCH-ConfigSIB1)

searchSpaceZero SearchSpaceZero

Name of the IE: (PDCCH-SERVINGCELLCONFIG)

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

slotFormatIndicator SetupRelease { SlotFormatIndicator } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

...,

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

availabilityIndicator-r16 SetupRelease {AvailabilityIndicator-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

searchSpaceSwitchTimer-r16 INTEGER (1..80) OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

]],

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

searchSpaceSwitchTimer-v1710 INTEGER (81..1280) OPTIONAL -- Need R

Name of the Sub\_IE: (PDCCH-ServingCellConfig)

]]

Name of the IE: (PDCP-CONFIG)

Name of the Sub\_IE: (PDCP-Config)

drb SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

discardTimer ENUMERATED {ms10, ms20, ms30, ms40, ms50, ms60, ms75, ms100, ms150, ms200,

Name of the Sub\_IE: (PDCP-Config)

ms250, ms300, ms500, ms750, ms1500, infinity} OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (PDCP-Config)

pdcp-SN-SizeUL ENUMERATED {len12bits, len18bits} OPTIONAL, -- Cond Setup1

Name of the Sub\_IE: (PDCP-Config)

pdcp-SN-SizeDL ENUMERATED {len12bits, len18bits} OPTIONAL, -- Cond Setup2

Name of the Sub\_IE: (PDCP-Config)

headerCompression CHOICE {

Name of the Sub\_IE: (PDCP-Config)

notUsed NULL,

Name of the Sub\_IE: (PDCP-Config)

rohc SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

maxCID INTEGER (1..16383) DEFAULT 15,

Name of the Sub\_IE: (PDCP-Config)

profiles SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

profile0x0001 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0002 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0003 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0004 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0006 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0101 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0102 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0103 BOOLEAN,

Name of the Sub\_IE: (PDCP-Config)

profile0x0104 BOOLEAN

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

drb-ContinueROHC ENUMERATED { true } OPTIONAL -- Need N

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

uplinkOnlyROHC SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

maxCID INTEGER (1..16383) DEFAULT 15,

Name of the Sub\_IE: (PDCP-Config)

profiles SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

profile0x0006 BOOLEAN

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

drb-ContinueROHC ENUMERATED { true } OPTIONAL -- Need N

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

...

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

integrityProtection ENUMERATED { enabled } OPTIONAL, -- Cond ConnectedTo5GC1

Name of the Sub\_IE: (PDCP-Config)

statusReportRequired ENUMERATED { true } OPTIONAL, -- Cond Rlc-AM-UM

Name of the Sub\_IE: (PDCP-Config)

outOfOrderDelivery ENUMERATED { true } OPTIONAL -- Need R

Name of the Sub\_IE: (PDCP-Config)

} OPTIONAL, -- Cond DRB

Name of the Sub\_IE: (PDCP-Config)

moreThanOneRLC SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

primaryPath SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

cellGroup CellGroupId OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCP-Config)

logicalChannel LogicalChannelIdentity OPTIONAL -- Need R

Name of the Sub\_IE: (PDCP-Config)

},

Name of the Sub\_IE: (PDCP-Config)

ul-DataSplitThreshold UL-DataSplitThreshold OPTIONAL, -- Cond SplitBearer

Name of the Sub\_IE: (PDCP-Config)

pdcp-Duplication BOOLEAN OPTIONAL -- Need R

Name of the Sub\_IE: (PDCP-Config)

} OPTIONAL, -- Cond MoreThanOneRLC

Name of the Sub\_IE: (PDCP-Config)

t-Reordering ENUMERATED {

Name of the Sub\_IE: (PDCP-Config)

ms0, ms1, ms2, ms4, ms5, ms8, ms10, ms15, ms20, ms30, ms40,

Name of the Sub\_IE: (PDCP-Config)

ms50, ms60, ms80, ms100, ms120, ms140, ms160, ms180, ms200, ms220,

Name of the Sub\_IE: (PDCP-Config)

ms240, ms260, ms280, ms300, ms500, ms750, ms1000, ms1250,

Name of the Sub\_IE: (PDCP-Config)

ms1500, ms1750, ms2000, ms2250, ms2500, ms2750,

Name of the Sub\_IE: (PDCP-Config)

ms3000, spare28, spare27, spare26, spare25, spare24,

Name of the Sub\_IE: (PDCP-Config)

spare23, spare22, spare21, spare20,

Name of the Sub\_IE: (PDCP-Config)

spare19, spare18, spare17, spare16, spare15, spare14,

Name of the Sub\_IE: (PDCP-Config)

spare13, spare12, spare11, spare10, spare09,

Name of the Sub\_IE: (PDCP-Config)

spare08, spare07, spare06, spare05, spare04, spare03,

Name of the Sub\_IE: (PDCP-Config)

spare02, spare01 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PDCP-Config)

...,

Name of the Sub\_IE: (PDCP-Config)

[[

Name of the Sub\_IE: (PDCP-Config)

cipheringDisabled ENUMERATED {true} OPTIONAL -- Cond ConnectedTo5GC

Name of the Sub\_IE: (PDCP-Config)

]],

Name of the Sub\_IE: (PDCP-Config)

[[

Name of the Sub\_IE: (PDCP-Config)

discardTimerExt-r16 SetupRelease { DiscardTimerExt-r16 } OPTIONAL, -- Cond DRB2

Name of the Sub\_IE: (PDCP-Config)

moreThanTwoRLC-DRB-r16 SEQUENCE {

Name of the Sub\_IE: (PDCP-Config)

splitSecondaryPath-r16 LogicalChannelIdentity OPTIONAL, -- Cond SplitBearer2

Name of the Sub\_IE: (PDCP-Config)

duplicationState-r16 SEQUENCE (SIZE (3)) OF BOOLEAN OPTIONAL -- Need S

Name of the Sub\_IE: (PDCP-Config)

} OPTIONAL, -- Cond MoreThanTwoRLC-DRB

Name of the Sub\_IE: (PDCP-Config)

ethernetHeaderCompression-r16 SetupRelease { EthernetHeaderCompression-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (PDCP-Config)

]],

Name of the Sub\_IE: (PDCP-Config)

[[

Name of the Sub\_IE: (PDCP-Config)

survivalTimeStateSupport-r17 ENUMERATED {true} OPTIONAL, -- Cond Drb-Duplication

Name of the Sub\_IE: (PDCP-Config)

uplinkDataCompression-r17 SetupRelease { UplinkDataCompression-r17 } OPTIONAL, -- Cond Rlc-AM

Name of the Sub\_IE: (PDCP-Config)

discardTimerExt2-r17 SetupRelease { DiscardTimerExt2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDCP-Config)

initialRX-DELIV-r17 BIT STRING (SIZE (32)) OPTIONAL -- Cond MRB-Initialization

Name of the Sub\_IE: (PDCP-Config)

]]

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

ehc-Common-r16 SEQUENCE {

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

ehc-CID-Length-r16 ENUMERATED { bits7, bits15 },

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

...

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

},

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

ehc-Downlink-r16 SEQUENCE {

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

drb-ContinueEHC-DL-r16 ENUMERATED { true } OPTIONAL, -- Need N

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

...

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

ehc-Uplink-r16 SEQUENCE {

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

maxCID-EHC-UL-r16 INTEGER (1..32767),

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

drb-ContinueEHC-UL-r16 ENUMERATED { true } OPTIONAL, -- Need N

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

...

Name of the Sub\_IE: (EthernetHeaderCompression-r16)

} OPTIONAL -- Need M

Name of the Sub\_IE: (UL-DataSplitThreshold)

b0, b100, b200, b400, b800, b1600, b3200, b6400, b12800, b25600, b51200, b102400, b204800,

Name of the Sub\_IE: (UL-DataSplitThreshold)

b409600, b819200, b1228800, b1638400, b2457600, b3276800, b4096000, b4915200, b5734400,

Name of the Sub\_IE: (UL-DataSplitThreshold)

b6553600, infinity, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (DiscardTimerExt-r16)

DiscardTimerExt-r16 ENUMERATED {ms0dot5, ms1, ms2, ms4, ms6, ms8, spare2, spare1}

Name of the Sub\_IE: (DiscardTimerExt2-r17)

DiscardTimerExt2-r17 ENUMERATED {ms2000, spare3, spare2, spare1}

Name of the Sub\_IE: (UplinkDataCompression-r17)

newSetup SEQUENCE {

Name of the Sub\_IE: (UplinkDataCompression-r17)

bufferSize-r17 ENUMERATED {kbyte2, kbyte4, kbyte8, spare1},

Name of the Sub\_IE: (UplinkDataCompression-r17)

dictionary-r17 ENUMERATED {sip-SDP, operator} OPTIONAL -- Need N

Name of the Sub\_IE: (UplinkDataCompression-r17)

},

Name of the Sub\_IE: (UplinkDataCompression-r17)

drb-ContinueUDC NULL

Name of the IE: (PDSCH-CONFIG)

Name of the Sub\_IE: (PDSCH-Config)

dataScramblingIdentityPDSCH INTEGER (0..1023) OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

dmrs-DownlinkForPDSCH-MappingTypeA SetupRelease { DMRS-DownlinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

dmrs-DownlinkForPDSCH-MappingTypeB SetupRelease { DMRS-DownlinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

tci-StatesToAddModList SEQUENCE (SIZE(1..maxNrofTCI-States)) OF TCI-State OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

tci-StatesToReleaseList SEQUENCE (SIZE(1..maxNrofTCI-States)) OF TCI-StateId OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

vrb-ToPRB-Interleaver ENUMERATED {n2, n4} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

resourceAllocation ENUMERATED { resourceAllocationType0, resourceAllocationType1, dynamicSwitch},

Name of the Sub\_IE: (PDSCH-Config)

pdsch-TimeDomainAllocationList SetupRelease { PDSCH-TimeDomainResourceAllocationList } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

pdsch-AggregationFactor ENUMERATED { n2, n4, n8 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternToAddModList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPattern OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternToReleaseList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPatternId OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternGroup1 RateMatchPatternGroup OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternGroup2 RateMatchPatternGroup OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

rbg-Size ENUMERATED {config1, config2},

Name of the Sub\_IE: (PDSCH-Config)

mcs-Table ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

maxNrofCodeWordsScheduledByDCI ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

prb-BundlingType CHOICE {

Name of the Sub\_IE: (PDSCH-Config)

staticBundling SEQUENCE {

Name of the Sub\_IE: (PDSCH-Config)

bundleSize ENUMERATED { n4, wideband } OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-Config)

},

Name of the Sub\_IE: (PDSCH-Config)

dynamicBundling SEQUENCE {

Name of the Sub\_IE: (PDSCH-Config)

bundleSizeSet1 ENUMERATED { n4, wideband, n2-wideband, n4-wideband } OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

bundleSizeSet2 ENUMERATED { n4, wideband } OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-Config)

},

Name of the Sub\_IE: (PDSCH-Config)

zp-CSI-RS-ResourceToAddModList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-Resources)) OF ZP-CSI-RS-Resource

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

zp-CSI-RS-ResourceToReleaseList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-Resources)) OF ZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

aperiodic-ZP-CSI-RS-ResourceSetsToAddModList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSet

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

aperiodic-ZP-CSI-RS-ResourceSetsToReleaseList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSetId

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

sp-ZP-CSI-RS-ResourceSetsToAddModList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSet

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

sp-ZP-CSI-RS-ResourceSetsToReleaseList SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSetId

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

p-ZP-CSI-RS-ResourceSet SetupRelease { ZP-CSI-RS-ResourceSet }

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

...,

Name of the Sub\_IE: (PDSCH-Config)

[[

Name of the Sub\_IE: (PDSCH-Config)

maxMIMO-Layers-r16 SetupRelease { MaxMIMO-LayersDL-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

minimumSchedulingOffsetK0-r16 SetupRelease { MinSchedulingOffsetK0-Values-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

-- Start of the parameters for DCI format 1\_2 introduced in V16.1.0

Name of the Sub\_IE: (PDSCH-Config)

antennaPortsFieldPresenceDCI-1-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

aperiodicZP-CSI-RS-ResourceSetsToAddModListDCI-1-2-r16 SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSet

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

aperiodicZP-CSI-RS-ResourceSetsToReleaseListDCI-1-2-r16 SEQUENCE (SIZE (1..maxNrofZP-CSI-RS-ResourceSets)) OF ZP-CSI-RS-ResourceSetId

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

dmrs-DownlinkForPDSCH-MappingTypeA-DCI-1-2-r16 SetupRelease { DMRS-DownlinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

dmrs-DownlinkForPDSCH-MappingTypeB-DCI-1-2-r16 SetupRelease { DMRS-DownlinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

dmrs-SequenceInitializationDCI-1-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

harq-ProcessNumberSizeDCI-1-2-r16 INTEGER (0..4) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

mcs-TableDCI-1-2-r16 ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

numberOfBitsForRV-DCI-1-2-r16 INTEGER (0..2) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pdsch-TimeDomainAllocationListDCI-1-2-r16 SetupRelease { PDSCH-TimeDomainResourceAllocationList-r16 }

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

prb-BundlingTypeDCI-1-2-r16 CHOICE {

Name of the Sub\_IE: (PDSCH-Config)

staticBundling-r16 SEQUENCE {

Name of the Sub\_IE: (PDSCH-Config)

bundleSize-r16 ENUMERATED { n4, wideband } OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-Config)

},

Name of the Sub\_IE: (PDSCH-Config)

dynamicBundling-r16 SEQUENCE {

Name of the Sub\_IE: (PDSCH-Config)

bundleSizeSet1-r16 ENUMERATED { n4, wideband, n2-wideband, n4-wideband } OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

bundleSizeSet2-r16 ENUMERATED { n4, wideband } OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-Config)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

priorityIndicatorDCI-1-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternGroup1DCI-1-2-r16 RateMatchPatternGroup OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

rateMatchPatternGroup2DCI-1-2-r16 RateMatchPatternGroup OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

resourceAllocationType1GranularityDCI-1-2-r16 ENUMERATED {n2,n4,n8,n16} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

vrb-ToPRB-InterleaverDCI-1-2-r16 ENUMERATED {n2, n4} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

referenceOfSLIVDCI-1-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

resourceAllocationDCI-1-2-r16 ENUMERATED { resourceAllocationType0, resourceAllocationType1, dynamicSwitch}

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

-- End of the parameters for DCI format 1\_2 introduced in V16.1.0

Name of the Sub\_IE: (PDSCH-Config)

priorityIndicatorDCI-1-1-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

dataScramblingIdentityPDSCH2-r16 INTEGER (0..1023) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pdsch-TimeDomainAllocationList-r16 SetupRelease { PDSCH-TimeDomainResourceAllocationList-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

repetitionSchemeConfig-r16 SetupRelease { RepetitionSchemeConfig-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (PDSCH-Config)

]],

Name of the Sub\_IE: (PDSCH-Config)

[[

Name of the Sub\_IE: (PDSCH-Config)

repetitionSchemeConfig-v1630 SetupRelease { RepetitionSchemeConfig-v1630} OPTIONAL -- Need M

Name of the Sub\_IE: (PDSCH-Config)

]],

Name of the Sub\_IE: (PDSCH-Config)

[[

Name of the Sub\_IE: (PDSCH-Config)

pdsch-HARQ-ACK-OneShotFeedbackDCI-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pdsch-HARQ-ACK-EnhType3DCI-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pdsch-HARQ-ACK-EnhType3DCI-Field-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pdsch-HARQ-ACK-RetxDCI-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

pucch-sSCellDynDCI-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

dl-OrJointTCI-StateList-r17 CHOICE {

Name of the Sub\_IE: (PDSCH-Config)

explicitlist SEQUENCE {

Name of the Sub\_IE: (PDSCH-Config)

dl-OrJointTCI-StateToAddModList-r17 SEQUENCE (SIZE (1..maxNrofTCI-States)) OF TCI-State

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PDSCH-Config)

dl-OrJointTCI-StateToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofTCI-States)) OF TCI-StateId

Name of the Sub\_IE: (PDSCH-Config)

OPTIONAL -- Need N

Name of the Sub\_IE: (PDSCH-Config)

},

Name of the Sub\_IE: (PDSCH-Config)

unifiedTCI-StateRef-r17 ServingCellAndBWP-Id-r17

Name of the Sub\_IE: (PDSCH-Config)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

beamAppTime-r17 ENUMERATED {n1, n2, n4, n7, n14, n28, n42, n56, n70, n84, n98, n112, n224, n336, spare2,

Name of the Sub\_IE: (PDSCH-Config)

spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

dummy SetupRelease { Dummy-TDRA-List } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

dmrs-FD-OCC-DisabledForRank1-PDSCH-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

minimumSchedulingOffsetK0-r17 SetupRelease { MinSchedulingOffsetK0-Values-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-Config)

harq-ProcessNumberSizeDCI-1-2-v1700 INTEGER (0..5) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

harq-ProcessNumberSizeDCI-1-1-r17 INTEGER (5) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

mcs-Table-r17 ENUMERATED {qam1024} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

mcs-TableDCI-1-2-r17 ENUMERATED {qam1024} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-Config)

xOverheadMulticast-r17 ENUMERATED {xOh6, xOh12, xOh18} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

priorityIndicatorDCI-4-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-Config)

sizeDCI-4-2-r17 INTEGER (20..maxDCI-4-2-Size-r17) OPTIONAL -- Need R

Name of the Sub\_IE: (PDSCH-Config)

]],

Name of the Sub\_IE: (PDSCH-Config)

[[

Name of the Sub\_IE: (PDSCH-Config)

pdsch-TimeDomainAllocationListForMultiPDSCH-r17 SetupRelease { MultiPDSCH-TDRA-List-r17 } OPTIONAL -- Need M

Name of the Sub\_IE: (PDSCH-Config)

]]

Name of the Sub\_IE: (RateMatchPatternGroup)

RateMatchPatternGroup SEQUENCE (SIZE (1..maxNrofRateMatchPatternsPerGroup)) OF CHOICE {

Name of the Sub\_IE: (RateMatchPatternGroup)

cellLevel RateMatchPatternId,

Name of the Sub\_IE: (RateMatchPatternGroup)

bwpLevel RateMatchPatternId

Name of the Sub\_IE: (MinSchedulingOffsetK0-Values-r16)

MinSchedulingOffsetK0-Values-r16 SEQUENCE (SIZE (1..maxNrOfMinSchedulingOffsetValues-r16)) OF INTEGER (0..maxK0-SchedulingOffset-r16)

Name of the Sub\_IE: (MinSchedulingOffsetK0-Values-r17)

MinSchedulingOffsetK0-Values-r17 SEQUENCE (SIZE (1..maxNrOfMinSchedulingOffsetValues-r16)) OF INTEGER (0..maxK0-SchedulingOffset-r17)

Name of the IE: (PDSCH-CONFIGCOMMON)

Name of the Sub\_IE: (PDSCH-ConfigCommon)

pdsch-TimeDomainAllocationList PDSCH-TimeDomainResourceAllocationList OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-ConfigCommon)

...

Name of the IE: (PDSCH-SERVINGCELLCONFIG)

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

codeBlockGroupTransmission SetupRelease { PDSCH-CodeBlockGroupTransmission } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

xOverhead ENUMERATED { xOh6, xOh12, xOh18 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

nrofHARQ-ProcessesForPDSCH ENUMERATED {n2, n4, n6, n10, n12, n16} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

pucch-Cell ServCellIndex OPTIONAL, -- Cond SCellAddOnly

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

...,

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

maxMIMO-Layers INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

processingType2Enabled BOOLEAN OPTIONAL -- Need M

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

]],

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

pdsch-CodeBlockGroupTransmissionList-r16 SetupRelease { PDSCH-CodeBlockGroupTransmissionList-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

]],

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

downlinkHARQ-FeedbackDisabled-r17 SetupRelease { DownlinkHARQ-FeedbackDisabled-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

nrofHARQ-ProcessesForPDSCH-v1700 ENUMERATED {n32} OPTIONAL -- Need R

Name of the Sub\_IE: (PDSCH-ServingCellConfig)

]]

Name of the Sub\_IE: (PDSCH-CodeBlockGroupTransmission)

maxCodeBlockGroupsPerTransportBlock ENUMERATED {n2, n4, n6, n8},

Name of the Sub\_IE: (PDSCH-CodeBlockGroupTransmission)

codeBlockGroupFlushIndicator BOOLEAN,

Name of the Sub\_IE: (PDSCH-CodeBlockGroupTransmission)

...

Name of the Sub\_IE: (PDSCH-CodeBlockGroupTransmissionList-r16)

PDSCH-CodeBlockGroupTransmissionList-r16 SEQUENCE (SIZE (1..2)) OF PDSCH-CodeBlockGroupTransmission

Name of the IE: (PDSCH-TIMEDOMAINRESOURCEALLOCATIONLIST)

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocationList)

PDSCH-TimeDomainResourceAllocationList SEQUENCE (SIZE(1..maxNrofDL-Allocations)) OF PDSCH-TimeDomainResourceAllocation

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation)

k0 INTEGER(0..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation)

mappingType ENUMERATED {typeA, typeB},

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation)

startSymbolAndLength INTEGER (0..127)

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocationList-r16)

PDSCH-TimeDomainResourceAllocationList-r16 SEQUENCE (SIZE(1..maxNrofDL-Allocations)) OF PDSCH-TimeDomainResourceAllocation-r16

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

k0-r16 INTEGER(0..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

mappingType-r16 ENUMERATED {typeA, typeB},

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

startSymbolAndLength-r16 INTEGER (0..127),

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

repetitionNumber-r16 ENUMERATED {n2, n3, n4, n5, n6, n7, n8, n16} OPTIONAL, -- Cond Formats1-0and1-1

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

...,

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

[[

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

k0-v1710 INTEGER(33..128) OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

]],

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

[[

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

repetitionNumber-v1730 ENUMERATED {n2, n3, n4, n5, n6, n7, n8, n16} OPTIONAL -- Cond Format1-2

Name of the Sub\_IE: (PDSCH-TimeDomainResourceAllocation-r16)

]]

Name of the Sub\_IE: (Dummy-TDRA-List)

Dummy-TDRA-List SEQUENCE (SIZE(1.. maxNrofDL-Allocations)) OF MultiPDSCH-TDRA-r17

Name of the Sub\_IE: (MultiPDSCH-TDRA-List-r17)

MultiPDSCH-TDRA-List-r17 SEQUENCE (SIZE(1.. maxNrofDL-AllocationsExt-r17)) OF MultiPDSCH-TDRA-r17

Name of the Sub\_IE: (MultiPDSCH-TDRA-r17)

pdsch-TDRA-List-r17 SEQUENCE (SIZE(1..maxNrofMultiplePDSCHs-r17)) OF PDSCH-TimeDomainResourceAllocation-r16,

Name of the Sub\_IE: (MultiPDSCH-TDRA-r17)

...

Name of the IE: (PHR-CONFIG)

Name of the Sub\_IE: (PHR-Config)

phr-PeriodicTimer ENUMERATED {sf10, sf20, sf50, sf100, sf200,sf500, sf1000, infinity},

Name of the Sub\_IE: (PHR-Config)

phr-ProhibitTimer ENUMERATED {sf0, sf10, sf20, sf50, sf100,sf200, sf500, sf1000},

Name of the Sub\_IE: (PHR-Config)

phr-Tx-PowerFactorChange ENUMERATED {dB1, dB3, dB6, infinity},

Name of the Sub\_IE: (PHR-Config)

multiplePHR BOOLEAN,

Name of the Sub\_IE: (PHR-Config)

dummy BOOLEAN,

Name of the Sub\_IE: (PHR-Config)

phr-Type2OtherCell BOOLEAN,

Name of the Sub\_IE: (PHR-Config)

phr-ModeOtherCG ENUMERATED {real, virtual},

Name of the Sub\_IE: (PHR-Config)

...,

Name of the Sub\_IE: (PHR-Config)

[[

Name of the Sub\_IE: (PHR-Config)

mpe-Reporting-FR2-r16 SetupRelease { MPE-Config-FR2-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (PHR-Config)

]],

Name of the Sub\_IE: (PHR-Config)

[[

Name of the Sub\_IE: (PHR-Config)

mpe-Reporting-FR2-r17 SetupRelease { MPE-Config-FR2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PHR-Config)

twoPHRMode-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (PHR-Config)

]]

Name of the Sub\_IE: (MPE-Config-FR2-r16)

mpe-ProhibitTimer-r16 ENUMERATED {sf0, sf10, sf20, sf50, sf100, sf200, sf500, sf1000},

Name of the Sub\_IE: (MPE-Config-FR2-r16)

mpe-Threshold-r16 ENUMERATED {dB3, dB6, dB9, dB12}

Name of the Sub\_IE: (MPE-Config-FR2-r17)

mpe-ProhibitTimer-r17 ENUMERATED {sf0, sf10, sf20, sf50, sf100, sf200, sf500, sf1000},

Name of the Sub\_IE: (MPE-Config-FR2-r17)

mpe-Threshold-r17 ENUMERATED {dB3, dB6, dB9, dB12},

Name of the Sub\_IE: (MPE-Config-FR2-r17)

numberOfN-r17 INTEGER(1..4),

Name of the Sub\_IE: (MPE-Config-FR2-r17)

...

Name of the IE: (PHYSCELLID)

Name of the IE: (PHYSICALCELLGROUPCONFIG)

Name of the Sub\_IE: (PhysicalCellGroupConfig)

harq-ACK-SpatialBundlingPUCCH ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (PhysicalCellGroupConfig)

harq-ACK-SpatialBundlingPUSCH ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (PhysicalCellGroupConfig)

p-NR-FR1 P-Max OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-Codebook ENUMERATED {semiStatic, dynamic},

Name of the Sub\_IE: (PhysicalCellGroupConfig)

tpc-SRS-RNTI RNTI-Value OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

tpc-PUCCH-RNTI RNTI-Value OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

tpc-PUSCH-RNTI RNTI-Value OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

sp-CSI-RNTI RNTI-Value OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

cs-RNTI SetupRelease { RNTI-Value } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

...,

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

mcs-C-RNTI RNTI-Value OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

p-UE-FR1 P-Max OPTIONAL -- Cond MCG-Only

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

xScale ENUMERATED {dB0, dB6, spare2, spare1} OPTIONAL -- Cond SCG-Only

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdcch-BlindDetection SetupRelease { PDCCH-BlindDetection } OPTIONAL -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

dcp-Config-r16 SetupRelease { DCP-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

harq-ACK-SpatialBundlingPUCCH-secondaryPUCCHgroup-r16 ENUMERATED {enabled, disabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

harq-ACK-SpatialBundlingPUSCH-secondaryPUCCHgroup-r16 ENUMERATED {enabled, disabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-Codebook-secondaryPUCCHgroup-r16 ENUMERATED {semiStatic, dynamic} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

p-NR-FR2-r16 P-Max OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

p-UE-FR2-r16 P-Max OPTIONAL, -- Cond MCG-Only

Name of the Sub\_IE: (PhysicalCellGroupConfig)

nrdc-PCmode-FR1-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic} OPTIONAL, -- Cond MCG-Only

Name of the Sub\_IE: (PhysicalCellGroupConfig)

nrdc-PCmode-FR2-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic} OPTIONAL, -- Cond MCG-Only

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-Codebook-r16 ENUMERATED {enhancedDynamic} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

nfi-TotalDAI-Included-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

ul-TotalDAI-Included-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-OneShotFeedback-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-OneShotFeedbackNDI-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-OneShotFeedbackCBG-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

downlinkAssignmentIndexDCI-0-2-r16 ENUMERATED { enabled } OPTIONAL, -- Need S

Name of the Sub\_IE: (PhysicalCellGroupConfig)

downlinkAssignmentIndexDCI-1-2-r16 ENUMERATED {n1, n2, n4} OPTIONAL, -- Need S

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-CodebookList-r16 SetupRelease {PDSCH-HARQ-ACK-CodebookList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

ackNackFeedbackMode-r16 ENUMERATED {joint, separate} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdcch-BlindDetectionCA-CombIndicator-r16 SetupRelease { PDCCH-BlindDetectionCA-CombIndicator-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdcch-BlindDetection2-r16 SetupRelease { PDCCH-BlindDetection2-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdcch-BlindDetection3-r16 SetupRelease { PDCCH-BlindDetection3-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

bdFactorR-r16 ENUMERATED {n1} OPTIONAL -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- start of enhanced Type3 feedback

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3ToAddModList-r17 SEQUENCE (SIZE(1..maxNrofEnhType3HARQ-ACK-r17)) OF PDSCH-HARQ-ACK-EnhType3-r17

Name of the Sub\_IE: (PhysicalCellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3ToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofEnhType3HARQ-ACK-r17)) OF PDSCH-HARQ-ACK-EnhType3Index-r17

Name of the Sub\_IE: (PhysicalCellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3SecondaryToAddModList-r17 SEQUENCE (SIZE(1..maxNrofEnhType3HARQ-ACK-r17)) OF PDSCH-HARQ-ACK-EnhType3-r17

Name of the Sub\_IE: (PhysicalCellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3SecondaryToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofEnhType3HARQ-ACK-r17)) OF PDSCH-HARQ-ACK-EnhType3Index-r17

Name of the Sub\_IE: (PhysicalCellGroupConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3DCI-FieldSecondaryPUCCHgroup-r17 ENUMERATED {enabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-EnhType3DCI-Field-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- end of enhanced Type3 feedback

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- start of triggering of HARQ-ACK re-transmission on a PUCCH resource

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-Retx-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdsch-HARQ-ACK-RetxSecondaryPUCCHgroup-r17 ENUMERATED {enabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- end of triggering of HARQ-ACK re-transmission on a PUCCH resource

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- start of PUCCH Cell switching

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCell-r17 SCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCellSecondaryPUCCHgroup-r17 SCellIndex OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCellDyn-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCellDynSecondaryPUCCHgroup-r17 ENUMERATED {enabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCellPattern-r17 SEQUENCE (SIZE(1..maxNrofSlots)) OF INTEGER (0..1) OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pucch-sSCellPatternSecondaryPUCCHgroup-r17 SEQUENCE (SIZE(1..maxNrofSlots)) OF INTEGER (0..1) OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

-- end of PUCCH Cell switching

Name of the Sub\_IE: (PhysicalCellGroupConfig)

uci-MuxWithDiffPrio-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

uci-MuxWithDiffPrioSecondaryPUCCHgroup-r17 ENUMERATED {enabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

simultaneousPUCCH-PUSCH-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

simultaneousPUCCH-PUSCH-SecondaryPUCCHgroup-r17 ENUMERATED {enabled} OPTIONAL, -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

prioLowDG-HighCG-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

prioHighDG-LowCG-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

twoQCLTypeDforPDCCHRepetition-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

multicastConfig-r17 SetupRelease { MulticastConfig-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

pdcch-BlindDetectionCA-CombIndicator-r17 SetupRelease { PDCCH-BlindDetectionCA-CombIndicator-r17 } OPTIONAL -- Need M

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

simultaneousSR-PUSCH-diffPUCCH-Groups-r17 ENUMERATED {enabled} OPTIONAL -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]],

Name of the Sub\_IE: (PhysicalCellGroupConfig)

[[

Name of the Sub\_IE: (PhysicalCellGroupConfig)

intraBandNC-PRACH-simulTx-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (PhysicalCellGroupConfig)

]]

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

pdsch-HARQ-ACK-EnhType3Index-r17 PDSCH-HARQ-ACK-EnhType3Index-r17,

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

applicable-r17 CHOICE {

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

perCC SEQUENCE (SIZE (1..maxNrofServingCells)) OF INTEGER (0..1),

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

perHARQ SEQUENCE (SIZE (1..maxNrofServingCells)) OF BIT STRING (SIZE (16))

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

},

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

pdsch-HARQ-ACK-EnhType3NDI-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

pdsch-HARQ-ACK-EnhType3CBG-r17 ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-HARQ-ACK-EnhType3-r17)

...

Name of the Sub\_IE: (DCP-Config-r16)

ps-RNTI-r16 RNTI-Value,

Name of the Sub\_IE: (DCP-Config-r16)

ps-Offset-r16 INTEGER (1..120),

Name of the Sub\_IE: (DCP-Config-r16)

sizeDCI-2-6-r16 INTEGER (1..maxDCI-2-6-Size-r16),

Name of the Sub\_IE: (DCP-Config-r16)

ps-PositionDCI-2-6-r16 INTEGER (0..maxDCI-2-6-Size-1-r16),

Name of the Sub\_IE: (DCP-Config-r16)

ps-WakeUp-r16 ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (DCP-Config-r16)

ps-TransmitPeriodicL1-RSRP-r16 ENUMERATED {true} OPTIONAL, -- Need S

Name of the Sub\_IE: (DCP-Config-r16)

ps-TransmitOtherPeriodicCSI-r16 ENUMERATED {true} OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-HARQ-ACK-CodebookList-r16)

PDSCH-HARQ-ACK-CodebookList-r16 SEQUENCE (SIZE (1..2)) OF ENUMERATED {semiStatic, dynamic}

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-CombIndicator-r16)

pdcch-BlindDetectionCA1-r16 INTEGER (1..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-CombIndicator-r16)

pdcch-BlindDetectionCA2-r16 INTEGER (1..15)

Name of the Sub\_IE: (MulticastConfig-r17)

pdsch-HARQ-ACK-CodebookListMulticast-r17 SetupRelease { PDSCH-HARQ-ACK-CodebookList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (MulticastConfig-r17)

type1CodebookGenerationMode-r17 ENUMERATED { mode1, mode2} OPTIONAL -- Need M

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-CombIndicator-r17)

pdcch-BlindDetectionCA1-r17 INTEGER (1..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-CombIndicator-r17)

pdcch-BlindDetectionCA2-r17 INTEGER (1..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-CombIndicator-r17)

pdcch-BlindDetectionCA3-r17 INTEGER (1..15)

Name of the IE: (PLMN-IDENTITY)

Name of the Sub\_IE: (PLMN-Identity)

mcc MCC OPTIONAL, -- Cond MCC

Name of the Sub\_IE: (PLMN-Identity)

mnc MNC

Name of the Sub\_IE: (MCC)

MCC SEQUENCE (SIZE (3)) OF MCC-MNC-Digit

Name of the Sub\_IE: (MNC)

MNC SEQUENCE (SIZE (2..3)) OF MCC-MNC-Digit

Name of the IE: (PLMN-IDENTITYINFOLIST)

Name of the Sub\_IE: (PLMN-IdentityInfoList)

PLMN-IdentityInfoList SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-IdentityInfo

Name of the Sub\_IE: (PLMN-IdentityInfo)

plmn-IdentityList SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity,

Name of the Sub\_IE: (PLMN-IdentityInfo)

trackingAreaCode TrackingAreaCode OPTIONAL, -- Need R

Name of the Sub\_IE: (PLMN-IdentityInfo)

ranac RAN-AreaCode OPTIONAL, -- Need R

Name of the Sub\_IE: (PLMN-IdentityInfo)

cellIdentity CellIdentity,

Name of the Sub\_IE: (PLMN-IdentityInfo)

cellReservedForOperatorUse ENUMERATED {reserved, notReserved},

Name of the Sub\_IE: (PLMN-IdentityInfo)

...,

Name of the Sub\_IE: (PLMN-IdentityInfo)

[[

Name of the Sub\_IE: (PLMN-IdentityInfo)

iab-Support-r16 ENUMERATED {true} OPTIONAL -- Need S

Name of the Sub\_IE: (PLMN-IdentityInfo)

]],

Name of the Sub\_IE: (PLMN-IdentityInfo)

[[

Name of the Sub\_IE: (PLMN-IdentityInfo)

trackingAreaList-r17 SEQUENCE (SIZE (1..maxTAC-r17)) OF TrackingAreaCode OPTIONAL, -- Need R

Name of the Sub\_IE: (PLMN-IdentityInfo)

gNB-ID-Length-r17 INTEGER (22..32) OPTIONAL -- Need R

Name of the Sub\_IE: (PLMN-IdentityInfo)

]]

Name of the IE: (PLMNIDENTITYLIST2)

Name of the Sub\_IE: (PLMN-IdentityList2-r16)

PLMN-IdentityList2-r16 SEQUENCE (SIZE (1..16)) OF PLMN-Identity

Name of the IE: (PRB-ID)

Name of the IE: (PTRS-DOWNLINKCONFIG)

Name of the Sub\_IE: (PTRS-DownlinkConfig)

frequencyDensity SEQUENCE (SIZE (2)) OF INTEGER (1..276) OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-DownlinkConfig)

timeDensity SEQUENCE (SIZE (3)) OF INTEGER (0..29) OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-DownlinkConfig)

epre-Ratio INTEGER (0..3) OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-DownlinkConfig)

resourceElementOffset ENUMERATED { offset01, offset10, offset11 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-DownlinkConfig)

...,

Name of the Sub\_IE: (PTRS-DownlinkConfig)

[[

Name of the Sub\_IE: (PTRS-DownlinkConfig)

maxNrofPorts-r16 ENUMERATED {n1, n2} OPTIONAL -- Need R

Name of the Sub\_IE: (PTRS-DownlinkConfig)

]]

Name of the IE: (PTRS-UPLINKCONFIG)

Name of the Sub\_IE: (PTRS-UplinkConfig)

transformPrecoderDisabled SEQUENCE {

Name of the Sub\_IE: (PTRS-UplinkConfig)

frequencyDensity SEQUENCE (SIZE (2)) OF INTEGER (1..276) OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-UplinkConfig)

timeDensity SEQUENCE (SIZE (3)) OF INTEGER (0..29) OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-UplinkConfig)

maxNrofPorts ENUMERATED {n1, n2},

Name of the Sub\_IE: (PTRS-UplinkConfig)

resourceElementOffset ENUMERATED {offset01, offset10, offset11 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PTRS-UplinkConfig)

ptrs-Power ENUMERATED {p00, p01, p10, p11}

Name of the Sub\_IE: (PTRS-UplinkConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PTRS-UplinkConfig)

transformPrecoderEnabled SEQUENCE {

Name of the Sub\_IE: (PTRS-UplinkConfig)

sampleDensity SEQUENCE (SIZE (5)) OF INTEGER (1..276),

Name of the Sub\_IE: (PTRS-UplinkConfig)

timeDensityTransformPrecoding ENUMERATED {d2} OPTIONAL -- Need S

Name of the Sub\_IE: (PTRS-UplinkConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PTRS-UplinkConfig)

...

Name of the IE: (PUCCH-CONFIG)

Name of the Sub\_IE: (PUCCH-Config)

resourceSetToAddModList SEQUENCE (SIZE (1..maxNrofPUCCH-ResourceSets)) OF PUCCH-ResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

resourceSetToReleaseList SEQUENCE (SIZE (1..maxNrofPUCCH-ResourceSets)) OF PUCCH-ResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

resourceToAddModList SEQUENCE (SIZE (1..maxNrofPUCCH-Resources)) OF PUCCH-Resource OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

resourceToReleaseList SEQUENCE (SIZE (1..maxNrofPUCCH-Resources)) OF PUCCH-ResourceId OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

format1 SetupRelease { PUCCH-FormatConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format2 SetupRelease { PUCCH-FormatConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format3 SetupRelease { PUCCH-FormatConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format4 SetupRelease { PUCCH-FormatConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

schedulingRequestResourceToAddModList SEQUENCE (SIZE (1..maxNrofSR-Resources)) OF SchedulingRequestResourceConfig

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

schedulingRequestResourceToReleaseList SEQUENCE (SIZE (1..maxNrofSR-Resources)) OF SchedulingRequestResourceId

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

multi-CSI-PUCCH-ResourceList SEQUENCE (SIZE (1..2)) OF PUCCH-ResourceId OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK SEQUENCE (SIZE (1..8)) OF INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToAddModList SEQUENCE (SIZE (1..maxNrofSpatialRelationInfos)) OF PUCCH-SpatialRelationInfo

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToReleaseList SEQUENCE (SIZE (1..maxNrofSpatialRelationInfos)) OF PUCCH-SpatialRelationInfoId

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

pucch-PowerControl PUCCH-PowerControl OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

...,

Name of the Sub\_IE: (PUCCH-Config)

[[

Name of the Sub\_IE: (PUCCH-Config)

resourceToAddModListExt-v1610 SEQUENCE (SIZE (1..maxNrofPUCCH-Resources)) OF PUCCH-ResourceExt-v1610 OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-r16 SetupRelease { DL-DataToUL-ACK-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

ul-AccessConfigListDCI-1-1-r16 SetupRelease { UL-AccessConfigListDCI-1-1-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

subslotLengthForPUCCH-r16 CHOICE {

Name of the Sub\_IE: (PUCCH-Config)

normalCP-r16 ENUMERATED {n2,n7},

Name of the Sub\_IE: (PUCCH-Config)

extendedCP-r16 ENUMERATED {n2,n6}

Name of the Sub\_IE: (PUCCH-Config)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-DCI-1-2-r16 SetupRelease { DL-DataToUL-ACK-DCI-1-2-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

numberOfBitsForPUCCH-ResourceIndicatorDCI-1-2-r16 INTEGER (0..3) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Config)

dmrs-UplinkTransformPrecodingPUCCH-r16 ENUMERATED {enabled} OPTIONAL, -- Cond PI2-BPSK

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToAddModListSizeExt-v1610 SEQUENCE (SIZE (1..maxNrofSpatialRelationInfosDiff-r16)) OF PUCCH-SpatialRelationInfo

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToReleaseListSizeExt-v1610 SEQUENCE (SIZE (1..maxNrofSpatialRelationInfosDiff-r16)) OF PUCCH-SpatialRelationInfoId

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToAddModListExt-v1610 SEQUENCE (SIZE (1..maxNrofSpatialRelationInfos-r16)) OF PUCCH-SpatialRelationInfoExt-r16

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

spatialRelationInfoToReleaseListExt-v1610 SEQUENCE (SIZE (1..maxNrofSpatialRelationInfos-r16)) OF

Name of the Sub\_IE: (PUCCH-Config)

PUCCH-SpatialRelationInfoId-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

resourceGroupToAddModList-r16 SEQUENCE (SIZE (1..maxNrofPUCCH-ResourceGroups-r16)) OF PUCCH-ResourceGroup-r16

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

resourceGroupToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofPUCCH-ResourceGroups-r16)) OF PUCCH-ResourceGroupId-r16

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

sps-PUCCH-AN-List-r16 SetupRelease { SPS-PUCCH-AN-List-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

schedulingRequestResourceToAddModListExt-v1610 SEQUENCE (SIZE (1..maxNrofSR-Resources)) OF SchedulingRequestResourceConfigExt-v1610

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL -- Need N

Name of the Sub\_IE: (PUCCH-Config)

]],

Name of the Sub\_IE: (PUCCH-Config)

[[

Name of the Sub\_IE: (PUCCH-Config)

format0-r17 SetupRelease { PUCCH-FormatConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format2Ext-r17 SetupRelease { PUCCH-FormatConfigExt-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format3Ext-r17 SetupRelease { PUCCH-FormatConfigExt-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

format4Ext-r17 SetupRelease { PUCCH-FormatConfigExt-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

ul-AccessConfigListDCI-1-2-r17 SetupRelease { UL-AccessConfigListDCI-1-2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

mappingPattern-r17 ENUMERATED {cyclicMapping, sequentialMapping} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Config)

powerControlSetInfoToAddModList-r17 SEQUENCE (SIZE (1..maxNrofPowerControlSetInfos-r17)) OF PUCCH-PowerControlSetInfo-r17

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

powerControlSetInfoToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofPowerControlSetInfos-r17)) OF PUCCH-PowerControlSetInfoId-r17

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

secondTPCFieldDCI-1-1-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Config)

secondTPCFieldDCI-1-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-r17 SetupRelease { DL-DataToUL-ACK-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-DCI-1-2-r17 SetupRelease { DL-DataToUL-ACK-DCI-1-2-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

ul-AccessConfigListDCI-1-1-r17 SetupRelease { UL-AccessConfigListDCI-1-1-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

schedulingRequestResourceToAddModListExt-v1700 SEQUENCE (SIZE (1..maxNrofSR-Resources)) OF SchedulingRequestResourceConfigExt-v1700

Name of the Sub\_IE: (PUCCH-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUCCH-Config)

dmrs-BundlingPUCCH-Config-r17 SetupRelease { DMRS-BundlingPUCCH-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-v1700 SetupRelease { DL-DataToUL-ACK-v1700 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

dl-DataToUL-ACK-MulticastDCI-Format4-1-r17 SetupRelease { DL-DataToUL-ACK-MulticastDCI-Format4-1-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-Config)

sps-PUCCH-AN-ListMulticast-r17 SetupRelease { SPS-PUCCH-AN-List-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (PUCCH-Config)

]]

Name of the Sub\_IE: (PUCCH-FormatConfig)

interslotFrequencyHopping ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfig)

additionalDMRS ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfig)

maxCodeRate PUCCH-MaxCodeRate OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfig)

nrofSlots ENUMERATED {n2,n4,n8} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUCCH-FormatConfig)

pi2BPSK ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfig)

simultaneousHARQ-ACK-CSI ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfigExt-r17)

maxCodeRateLP-r17 PUCCH-MaxCodeRate OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-FormatConfigExt-r17)

...

Name of the Sub\_IE: (PUCCH-MaxCodeRate)

PUCCH-MaxCodeRate ENUMERATED {zeroDot08, zeroDot15, zeroDot25, zeroDot35, zeroDot45, zeroDot60, zeroDot80}

Name of the Sub\_IE: (PUCCH-MaxCodeRate)

-- A set with one or more PUCCH resources

Name of the Sub\_IE: (PUCCH-ResourceSet)

pucch-ResourceSetId PUCCH-ResourceSetId,

Name of the Sub\_IE: (PUCCH-ResourceSet)

resourceList SEQUENCE (SIZE (1..maxNrofPUCCH-ResourcesPerSet)) OF PUCCH-ResourceId,

Name of the Sub\_IE: (PUCCH-ResourceSet)

maxPayloadSize INTEGER (4..256) OPTIONAL -- Need R

Name of the Sub\_IE: (PUCCH-Resource)

pucch-ResourceId PUCCH-ResourceId,

Name of the Sub\_IE: (PUCCH-Resource)

startingPRB PRB-Id,

Name of the Sub\_IE: (PUCCH-Resource)

intraSlotFrequencyHopping ENUMERATED { enabled } OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Resource)

secondHopPRB PRB-Id OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-Resource)

format CHOICE {

Name of the Sub\_IE: (PUCCH-Resource)

format0 PUCCH-format0,

Name of the Sub\_IE: (PUCCH-Resource)

format1 PUCCH-format1,

Name of the Sub\_IE: (PUCCH-Resource)

format2 PUCCH-format2,

Name of the Sub\_IE: (PUCCH-Resource)

format3 PUCCH-format3,

Name of the Sub\_IE: (PUCCH-Resource)

format4 PUCCH-format4

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

interlaceAllocation-r16 SEQUENCE {

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

rb-SetIndex-r16 INTEGER (0..4),

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

interlace0-r16 CHOICE {

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

scs15 INTEGER (0..9),

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

scs30 INTEGER (0..4)

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

} OPTIONAL, --Need R

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

format-v1610 CHOICE {

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

interlace1-v1610 INTEGER (0..9),

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

occ-v1610 SEQUENCE {

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

occ-Length-v1610 ENUMERATED {n2,n4} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

occ-Index-v1610 ENUMERATED {n0,n1,n2,n3} OPTIONAL -- Need M

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

...,

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

[[

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

format-v1700 SEQUENCE {

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

nrofPRBs-r17 INTEGER (1..16)

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

pucch-RepetitionNrofSlots-r17 ENUMERATED { n1,n2,n4,n8 } OPTIONAL -- Need R

Name of the Sub\_IE: (PUCCH-ResourceExt-v1610)

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Name of the Sub\_IE: (PUCCH-format0)

initialCyclicShift INTEGER(0..11),

Name of the Sub\_IE: (PUCCH-format0)

nrofSymbols INTEGER (1..2),

Name of the Sub\_IE: (PUCCH-format0)

startingSymbolIndex INTEGER(0..13)

Name of the Sub\_IE: (PUCCH-format1)

initialCyclicShift INTEGER(0..11),

Name of the Sub\_IE: (PUCCH-format1)

nrofSymbols INTEGER (4..14),

Name of the Sub\_IE: (PUCCH-format1)

startingSymbolIndex INTEGER(0..10),

Name of the Sub\_IE: (PUCCH-format1)

timeDomainOCC INTEGER(0..6)

Name of the Sub\_IE: (PUCCH-format2)

nrofPRBs INTEGER (1..16),

Name of the Sub\_IE: (PUCCH-format2)

nrofSymbols INTEGER (1..2),

Name of the Sub\_IE: (PUCCH-format2)

startingSymbolIndex INTEGER(0..13)

Name of the Sub\_IE: (PUCCH-format3)

nrofPRBs INTEGER (1..16),

Name of the Sub\_IE: (PUCCH-format3)

nrofSymbols INTEGER (4..14),

Name of the Sub\_IE: (PUCCH-format3)

startingSymbolIndex INTEGER(0..10)

Name of the Sub\_IE: (PUCCH-format4)

nrofSymbols INTEGER (4..14),

Name of the Sub\_IE: (PUCCH-format4)

occ-Length ENUMERATED {n2,n4},

Name of the Sub\_IE: (PUCCH-format4)

occ-Index ENUMERATED {n0,n1,n2,n3},

Name of the Sub\_IE: (PUCCH-format4)

startingSymbolIndex INTEGER(0..10)

Name of the Sub\_IE: (PUCCH-ResourceGroup-r16)

pucch-ResourceGroupId-r16 PUCCH-ResourceGroupId-r16,

Name of the Sub\_IE: (PUCCH-ResourceGroup-r16)

resourcePerGroupList-r16 SEQUENCE (SIZE (1..maxNrofPUCCH-ResourcesPerGroup-r16)) OF PUCCH-ResourceId

Name of the Sub\_IE: (DL-DataToUL-ACK-r16)

DL-DataToUL-ACK-r16 SEQUENCE (SIZE (1..8)) OF INTEGER (-1..15)

Name of the Sub\_IE: (DL-DataToUL-ACK-r17)

DL-DataToUL-ACK-r17 SEQUENCE (SIZE (1..8)) OF INTEGER (-1..127)

Name of the Sub\_IE: (DL-DataToUL-ACK-v1700)

DL-DataToUL-ACK-v1700 SEQUENCE (SIZE (1..8)) OF INTEGER (16..31)

Name of the Sub\_IE: (DL-DataToUL-ACK-DCI-1-2-r16)

DL-DataToUL-ACK-DCI-1-2-r16 SEQUENCE (SIZE (1..8)) OF INTEGER (0..15)

Name of the Sub\_IE: (DL-DataToUL-ACK-DCI-1-2-r17)

DL-DataToUL-ACK-DCI-1-2-r17 SEQUENCE (SIZE (1..8)) OF INTEGER (0..127)

Name of the Sub\_IE: (UL-AccessConfigListDCI-1-1-r16)

UL-AccessConfigListDCI-1-1-r16 SEQUENCE (SIZE (1..16)) OF INTEGER (0..15)

Name of the Sub\_IE: (UL-AccessConfigListDCI-1-2-r17)

UL-AccessConfigListDCI-1-2-r17 SEQUENCE (SIZE (1..16)) OF INTEGER (0..15)

Name of the Sub\_IE: (UL-AccessConfigListDCI-1-1-r17)

UL-AccessConfigListDCI-1-1-r17 SEQUENCE (SIZE (1..3)) OF INTEGER (0..2)

Name of the Sub\_IE: (DL-DataToUL-ACK-MulticastDCI-Format4-1-r17)

DL-DataToUL-ACK-MulticastDCI-Format4-1-r17 SEQUENCE (SIZE (1..8)) OF INTEGER (0..15)

Name of the IE: (PUCCH-CONFIGCOMMON)

Name of the Sub\_IE: (PUCCH-ConfigCommon)

pucch-ResourceCommon INTEGER (0..15) OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (PUCCH-ConfigCommon)

pucch-GroupHopping ENUMERATED { neither, enable, disable },

Name of the Sub\_IE: (PUCCH-ConfigCommon)

hoppingId INTEGER (0..1023) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ConfigCommon)

p0-nominal INTEGER (-202..24) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ConfigCommon)

...,

Name of the Sub\_IE: (PUCCH-ConfigCommon)

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Name of the Sub\_IE: (PUCCH-ConfigCommon)

nrofPRBs INTEGER (1..16) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ConfigCommon)

intra-SlotFH-r17 ENUMERATED {fromLowerEdge, fromUpperEdge} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-ConfigCommon)

pucch-ResourceCommonRedCap-r17 INTEGER (0..15) OPTIONAL, -- Cond InitialBWP-RedCap

Name of the Sub\_IE: (PUCCH-ConfigCommon)

additionalPRBOffset-r17 ENUMERATED {n2, n3, n4, n6, n8, n9, n10, n12} OPTIONAL -- Need S

Name of the Sub\_IE: (PUCCH-ConfigCommon)

]]

Name of the IE: (PUCCH-CONFIGURATIONLIST)

Name of the Sub\_IE: (PUCCH-ConfigurationList-r16)

PUCCH-ConfigurationList-r16 SEQUENCE (SIZE (1..2)) OF PUCCH-Config

Name of the IE: (PUCCH-PATHLOSSREFERENCERS-ID)

Name of the IE: (PUCCH-POWERCONTROL)

Name of the Sub\_IE: (PUCCH-PowerControl)

deltaF-PUCCH-f0 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-PowerControl)

deltaF-PUCCH-f1 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-PowerControl)

deltaF-PUCCH-f2 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-PowerControl)

deltaF-PUCCH-f3 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-PowerControl)

deltaF-PUCCH-f4 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-PowerControl)

p0-Set SEQUENCE (SIZE (1..maxNrofPUCCH-P0-PerSet)) OF P0-PUCCH OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-PowerControl)

pathlossReferenceRSs SEQUENCE (SIZE (1..maxNrofPUCCH-PathlossReferenceRSs)) OF PUCCH-PathlossReferenceRS

Name of the Sub\_IE: (PUCCH-PowerControl)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUCCH-PowerControl)

twoPUCCH-PC-AdjustmentStates ENUMERATED {twoStates} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUCCH-PowerControl)

...,

Name of the Sub\_IE: (PUCCH-PowerControl)

[[

Name of the Sub\_IE: (PUCCH-PowerControl)

pathlossReferenceRSs-v1610 SetupRelease { PathlossReferenceRSs-v1610 } OPTIONAL -- Need M

Name of the Sub\_IE: (PUCCH-PowerControl)

]]

Name of the Sub\_IE: (P0-PUCCH)

p0-PUCCH-Id P0-PUCCH-Id,

Name of the Sub\_IE: (P0-PUCCH)

p0-PUCCH-Value INTEGER (-16..15)

Name of the Sub\_IE: (PathlossReferenceRSs-v1610)

PathlossReferenceRSs-v1610 SEQUENCE (SIZE (1..maxNrofPUCCH-PathlossReferenceRSsDiff-r16)) OF PUCCH-PathlossReferenceRS-r16

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS)

pucch-PathlossReferenceRS-Id PUCCH-PathlossReferenceRS-Id,

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS)

referenceSignal CHOICE {

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS)

ssb-Index SSB-Index,

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS-r16)

pucch-PathlossReferenceRS-Id-r16 PUCCH-PathlossReferenceRS-Id-v1610,

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS-r16)

referenceSignal-r16 CHOICE {

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS-r16)

ssb-Index-r16 SSB-Index,

Name of the Sub\_IE: (PUCCH-PathlossReferenceRS-r16)

csi-RS-Index-r16 NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PUCCH-PowerControlSetInfo-r17)

pucch-PowerControlSetInfoId-r17 PUCCH-PowerControlSetInfoId-r17,

Name of the Sub\_IE: (PUCCH-PowerControlSetInfo-r17)

p0-PUCCH-Id-r17 P0-PUCCH-Id,

Name of the Sub\_IE: (PUCCH-PowerControlSetInfo-r17)

pucch-ClosedLoopIndex-r17 ENUMERATED { i0, i1 },

Name of the Sub\_IE: (PUCCH-PowerControlSetInfo-r17)

pucch-PathlossReferenceRS-Id-r17 PUCCH-PathlossReferenceRS-Id-r17

Name of the IE: (PUCCH-SPATIALRELATIONINFO)

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

pucch-SpatialRelationInfoId PUCCH-SpatialRelationInfoId,

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

servingCellId ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

referenceSignal CHOICE {

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

ssb-Index SSB-Index,

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

csi-RS-Index NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

srs PUCCH-SRS

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

},

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

pucch-PathlossReferenceRS-Id PUCCH-PathlossReferenceRS-Id,

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

p0-PUCCH-Id P0-PUCCH-Id,

Name of the Sub\_IE: (PUCCH-SpatialRelationInfo)

closedLoopIndex ENUMERATED { i0, i1 }

Name of the Sub\_IE: (PUCCH-SpatialRelationInfoExt-r16)

pucch-SpatialRelationInfoId-v1610 PUCCH-SpatialRelationInfoId-v1610 OPTIONAL, -- Need S

Name of the Sub\_IE: (PUCCH-SpatialRelationInfoExt-r16)

pucch-PathlossReferenceRS-Id-v1610 PUCCH-PathlossReferenceRS-Id-v1610 OPTIONAL, --Need R

Name of the Sub\_IE: (PUCCH-SpatialRelationInfoExt-r16)

...

Name of the Sub\_IE: (PUCCH-SRS)

resource SRS-ResourceId,

Name of the Sub\_IE: (PUCCH-SRS)

uplinkBWP BWP-Id

Name of the IE: (PUCCH-SPATIALRELATIONINFO)

Name of the IE: (PUCCH-TPC-COMMANDCONFIG)

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

tpc-IndexPCell INTEGER (1..15) OPTIONAL, -- Cond PDCCH-OfSpcell

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

tpc-IndexPUCCH-SCell INTEGER (1..15) OPTIONAL, -- Cond PDCCH-ofSpCellOrPUCCH-SCell

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

...,

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

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Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

tpc-IndexPUCCH-sSCell-r17 INTEGER (1..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

tpc-IndexPUCCH-sScellSecondaryPUCCHgroup-r17 INTEGER (1..15) OPTIONAL -- Cond twoPUCCHgroup

Name of the Sub\_IE: (PUCCH-TPC-CommandConfig)

]]

Name of the IE: (PUSCH-CONFIG)

Name of the Sub\_IE: (PUSCH-Config)

dataScramblingIdentityPUSCH INTEGER (0..1023) OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

txConfig ENUMERATED {codebook, nonCodebook} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

dmrs-UplinkForPUSCH-MappingTypeA SetupRelease { DMRS-UplinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

dmrs-UplinkForPUSCH-MappingTypeB SetupRelease { DMRS-UplinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

pusch-PowerControl PUSCH-PowerControl OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

frequencyHopping ENUMERATED {intraSlot, interSlot} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

frequencyHoppingOffsetLists SEQUENCE (SIZE (1..4)) OF INTEGER (1.. maxNrofPhysicalResourceBlocks-1)

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

resourceAllocation ENUMERATED { resourceAllocationType0, resourceAllocationType1, dynamicSwitch},

Name of the Sub\_IE: (PUSCH-Config)

pusch-TimeDomainAllocationList SetupRelease { PUSCH-TimeDomainResourceAllocationList } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

pusch-AggregationFactor ENUMERATED { n2, n4, n8 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

mcs-Table ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

mcs-TableTransformPrecoder ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

transformPrecoder ENUMERATED {enabled, disabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

codebookSubset ENUMERATED {fullyAndPartialAndNonCoherent, partialAndNonCoherent,nonCoherent}

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Cond codebookBased

Name of the Sub\_IE: (PUSCH-Config)

maxRank INTEGER (1..4) OPTIONAL, -- Cond codebookBased

Name of the Sub\_IE: (PUSCH-Config)

rbg-Size ENUMERATED { config2} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

uci-OnPUSCH SetupRelease { UCI-OnPUSCH} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

tp-pi2BPSK ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

...,

Name of the Sub\_IE: (PUSCH-Config)

[[

Name of the Sub\_IE: (PUSCH-Config)

minimumSchedulingOffsetK2-r16 SetupRelease { MinSchedulingOffsetK2-Values-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

ul-AccessConfigListDCI-0-1-r16 SetupRelease { UL-AccessConfigListDCI-0-1-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

-- Start of the parameters for DCI format 0\_2 introduced in V16.1.0

Name of the Sub\_IE: (PUSCH-Config)

harq-ProcessNumberSizeDCI-0-2-r16 INTEGER (0..4) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

dmrs-SequenceInitializationDCI-0-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

numberOfBitsForRV-DCI-0-2-r16 INTEGER (0..2) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

antennaPortsFieldPresenceDCI-0-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

dmrs-UplinkForPUSCH-MappingTypeA-DCI-0-2-r16 SetupRelease { DMRS-UplinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

dmrs-UplinkForPUSCH-MappingTypeB-DCI-0-2-r16 SetupRelease { DMRS-UplinkConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

frequencyHoppingDCI-0-2-r16 CHOICE {

Name of the Sub\_IE: (PUSCH-Config)

pusch-RepTypeA ENUMERATED {intraSlot, interSlot},

Name of the Sub\_IE: (PUSCH-Config)

pusch-RepTypeB ENUMERATED {interRepetition, interSlot}

Name of the Sub\_IE: (PUSCH-Config)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

frequencyHoppingOffsetListsDCI-0-2-r16 SetupRelease { FrequencyHoppingOffsetListsDCI-0-2-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

codebookSubsetDCI-0-2-r16 ENUMERATED {fullyAndPartialAndNonCoherent, partialAndNonCoherent,nonCoherent}

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Cond codebookBased

Name of the Sub\_IE: (PUSCH-Config)

invalidSymbolPatternIndicatorDCI-0-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

maxRankDCI-0-2-r16 INTEGER (1..4) OPTIONAL, -- Cond codebookBased

Name of the Sub\_IE: (PUSCH-Config)

mcs-TableDCI-0-2-r16 ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

mcs-TableTransformPrecoderDCI-0-2-r16 ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

priorityIndicatorDCI-0-2-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

pusch-RepTypeIndicatorDCI-0-2-r16 ENUMERATED { pusch-RepTypeA, pusch-RepTypeB} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

resourceAllocationDCI-0-2-r16 ENUMERATED { resourceAllocationType0, resourceAllocationType1, dynamicSwitch}

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

resourceAllocationType1GranularityDCI-0-2-r16 ENUMERATED { n2,n4,n8,n16 } OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

uci-OnPUSCH-ListDCI-0-2-r16 SetupRelease { UCI-OnPUSCH-ListDCI-0-2-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

pusch-TimeDomainAllocationListDCI-0-2-r16 SetupRelease { PUSCH-TimeDomainResourceAllocationList-r16 }

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

-- End of the parameters for DCI format 0\_2 introduced in V16.1.0

Name of the Sub\_IE: (PUSCH-Config)

-- Start of the parameters for DCI format 0\_1 introduced in V16.1.0

Name of the Sub\_IE: (PUSCH-Config)

pusch-TimeDomainAllocationListDCI-0-1-r16 SetupRelease { PUSCH-TimeDomainResourceAllocationList-r16 }

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

invalidSymbolPatternIndicatorDCI-0-1-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

priorityIndicatorDCI-0-1-r16 ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

pusch-RepTypeIndicatorDCI-0-1-r16 ENUMERATED { pusch-RepTypeA, pusch-RepTypeB} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

frequencyHoppingDCI-0-1-r16 ENUMERATED {interRepetition, interSlot} OPTIONAL, -- Cond RepTypeB

Name of the Sub\_IE: (PUSCH-Config)

uci-OnPUSCH-ListDCI-0-1-r16 SetupRelease { UCI-OnPUSCH-ListDCI-0-1-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

-- End of the parameters for DCI format 0\_1 introduced in V16.1.0

Name of the Sub\_IE: (PUSCH-Config)

invalidSymbolPattern-r16 InvalidSymbolPattern-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

pusch-PowerControl-v1610 SetupRelease {PUSCH-PowerControl-v1610} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

ul-FullPowerTransmission-r16 ENUMERATED {fullpower, fullpowerMode1, fullpowerMode2} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

pusch-TimeDomainAllocationListForMultiPUSCH-r16 SetupRelease { PUSCH-TimeDomainResourceAllocationList-r16 }

Name of the Sub\_IE: (PUSCH-Config)

OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

numberOfInvalidSymbolsForDL-UL-Switching-r16 INTEGER (1..4) OPTIONAL -- Cond RepTypeB2

Name of the Sub\_IE: (PUSCH-Config)

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Name of the Sub\_IE: (PUSCH-Config)

[[

Name of the Sub\_IE: (PUSCH-Config)

ul-AccessConfigListDCI-0-2-r17 SetupRelease { UL-AccessConfigListDCI-0-2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

betaOffsetsCrossPri0-r17 SetupRelease { BetaOffsetsCrossPriSel-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

betaOffsetsCrossPri1-r17 SetupRelease { BetaOffsetsCrossPriSel-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

betaOffsetsCrossPri0DCI-0-2-r17 SetupRelease { BetaOffsetsCrossPriSelDCI-0-2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

betaOffsetsCrossPri1DCI-0-2-r17 SetupRelease { BetaOffsetsCrossPriSelDCI-0-2-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

mappingPattern-r17 ENUMERATED {cyclicMapping, sequentialMapping} OPTIONAL, -- Cond SRSsets

Name of the Sub\_IE: (PUSCH-Config)

secondTPCFieldDCI-0-1-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

secondTPCFieldDCI-0-2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

sequenceOffsetForRV-r17 INTEGER (0..3) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

ul-AccessConfigListDCI-0-1-r17 SetupRelease { UL-AccessConfigListDCI-0-1-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

minimumSchedulingOffsetK2-r17 SetupRelease { MinSchedulingOffsetK2-Values-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

availableSlotCounting-r17 ENUMERATED { enabled } OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-Config)

dmrs-BundlingPUSCH-Config-r17 SetupRelease { DMRS-BundlingPUSCH-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-Config)

harq-ProcessNumberSizeDCI-0-2-v1700 INTEGER (5) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

harq-ProcessNumberSizeDCI-0-1-r17 INTEGER (5) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Config)

mpe-ResourcePoolToAddModList-r17 SEQUENCE (SIZE(1..maxMPE-Resources-r17)) OF MPE-Resource-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-Config)

mpe-ResourcePoolToReleaseList-r17 SEQUENCE (SIZE(1..maxMPE-Resources-r17)) OF MPE-ResourceId-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (PUSCH-Config)

]]

Name of the Sub\_IE: (UCI-OnPUSCH)

betaOffsets CHOICE {

Name of the Sub\_IE: (UCI-OnPUSCH)

dynamic SEQUENCE (SIZE (4)) OF BetaOffsets,

Name of the Sub\_IE: (UCI-OnPUSCH)

semiStatic BetaOffsets

Name of the Sub\_IE: (UCI-OnPUSCH)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (UCI-OnPUSCH)

scaling ENUMERATED { f0p5, f0p65, f0p8, f1 }

Name of the Sub\_IE: (MinSchedulingOffsetK2-Values-r16)

MinSchedulingOffsetK2-Values-r16 SEQUENCE (SIZE (1..maxNrOfMinSchedulingOffsetValues-r16)) OF INTEGER (0..maxK2-SchedulingOffset-r16)

Name of the Sub\_IE: (MinSchedulingOffsetK2-Values-r17)

MinSchedulingOffsetK2-Values-r17 SEQUENCE (SIZE (1..maxNrOfMinSchedulingOffsetValues-r16)) OF INTEGER (0..maxK2-SchedulingOffset-r17)

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

betaOffsetsDCI-0-2-r16 CHOICE {

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

dynamicDCI-0-2-r16 CHOICE {

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

oneBit-r16 SEQUENCE (SIZE (2)) OF BetaOffsets,

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

twoBits-r16 SEQUENCE (SIZE (4)) OF BetaOffsets

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

},

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

semiStaticDCI-0-2-r16 BetaOffsets

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (UCI-OnPUSCH-DCI-0-2-r16)

scalingDCI-0-2-r16 ENUMERATED { f0p5, f0p65, f0p8, f1 }

Name of the Sub\_IE: (FrequencyHoppingOffsetListsDCI-0-2-r16)

FrequencyHoppingOffsetListsDCI-0-2-r16 SEQUENCE (SIZE (1..4)) OF INTEGER (1.. maxNrofPhysicalResourceBlocks-1)

Name of the Sub\_IE: (UCI-OnPUSCH-ListDCI-0-2-r16)

UCI-OnPUSCH-ListDCI-0-2-r16 SEQUENCE (SIZE (1..2)) OF UCI-OnPUSCH-DCI-0-2-r16

Name of the Sub\_IE: (UCI-OnPUSCH-ListDCI-0-1-r16)

UCI-OnPUSCH-ListDCI-0-1-r16 SEQUENCE (SIZE (1..2)) OF UCI-OnPUSCH

Name of the Sub\_IE: (UL-AccessConfigListDCI-0-1-r16)

UL-AccessConfigListDCI-0-1-r16 SEQUENCE (SIZE (1..64)) OF INTEGER (0..63)

Name of the Sub\_IE: (UL-AccessConfigListDCI-0-1-r17)

UL-AccessConfigListDCI-0-1-r17 SEQUENCE (SIZE (1..3)) OF INTEGER (0..2)

Name of the Sub\_IE: (UL-AccessConfigListDCI-0-2-r17)

UL-AccessConfigListDCI-0-2-r17 SEQUENCE (SIZE (1..64)) OF INTEGER (0..63)

Name of the Sub\_IE: (BetaOffsetsCrossPriSel-r17)

dynamic-r17 SEQUENCE (SIZE (4)) OF BetaOffsetsCrossPri-r17,

Name of the Sub\_IE: (BetaOffsetsCrossPriSel-r17)

semiStatic-r17 BetaOffsetsCrossPri-r17

Name of the Sub\_IE: (BetaOffsetsCrossPriSelDCI-0-2-r17)

dynamicDCI-0-2-r17 CHOICE {

Name of the Sub\_IE: (BetaOffsetsCrossPriSelDCI-0-2-r17)

oneBit-r17 SEQUENCE (SIZE (2)) OF BetaOffsetsCrossPri-r17,

Name of the Sub\_IE: (BetaOffsetsCrossPriSelDCI-0-2-r17)

twoBits-r17 SEQUENCE (SIZE (4)) OF BetaOffsetsCrossPri-r17

Name of the Sub\_IE: (BetaOffsetsCrossPriSelDCI-0-2-r17)

},

Name of the Sub\_IE: (BetaOffsetsCrossPriSelDCI-0-2-r17)

semiStaticDCI-0-2-r17 BetaOffsetsCrossPri-r17

Name of the Sub\_IE: (MPE-Resource-r17)

mpe-ResourceId-r17 MPE-ResourceId-r17,

Name of the Sub\_IE: (MPE-Resource-r17)

cell-r17 ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (MPE-Resource-r17)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (MPE-Resource-r17)

mpe-ReferenceSignal-r17 CHOICE {

Name of the Sub\_IE: (MPE-Resource-r17)

csi-RS-Resource-r17 NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (MPE-Resource-r17)

ssb-Resource-r17 SSB-Index

Name of the IE: (PUSCH-CONFIGCOMMON)

Name of the Sub\_IE: (PUSCH-ConfigCommon)

groupHoppingEnabledTransformPrecoding ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-ConfigCommon)

pusch-TimeDomainAllocationList PUSCH-TimeDomainResourceAllocationList OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-ConfigCommon)

msg3-DeltaPreamble INTEGER (-1..6) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-ConfigCommon)

p0-NominalWithGrant INTEGER (-202..24) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-ConfigCommon)

...

Name of the IE: (PUSCH-POWERCONTROL)

Name of the Sub\_IE: (PUSCH-PowerControl)

tpc-Accumulation ENUMERATED { disabled } OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-PowerControl)

msg3-Alpha Alpha OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-PowerControl)

p0-NominalWithoutGrant INTEGER (-202..24) OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-PowerControl)

p0-AlphaSets SEQUENCE (SIZE (1..maxNrofP0-PUSCH-AlphaSets)) OF P0-PUSCH-AlphaSet OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-PowerControl)

pathlossReferenceRSToAddModList SEQUENCE (SIZE (1..maxNrofPUSCH-PathlossReferenceRSs)) OF PUSCH-PathlossReferenceRS

Name of the Sub\_IE: (PUSCH-PowerControl)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl)

pathlossReferenceRSToReleaseList SEQUENCE (SIZE (1..maxNrofPUSCH-PathlossReferenceRSs)) OF PUSCH-PathlossReferenceRS-Id

Name of the Sub\_IE: (PUSCH-PowerControl)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl)

twoPUSCH-PC-AdjustmentStates ENUMERATED {twoStates} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-PowerControl)

deltaMCS ENUMERATED {enabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-PowerControl)

sri-PUSCH-MappingToAddModList SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF SRI-PUSCH-PowerControl

Name of the Sub\_IE: (PUSCH-PowerControl)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl)

sri-PUSCH-MappingToReleaseList SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF SRI-PUSCH-PowerControlId

Name of the Sub\_IE: (PUSCH-PowerControl)

OPTIONAL -- Need N

Name of the Sub\_IE: (P0-PUSCH-AlphaSet)

p0-PUSCH-AlphaSetId P0-PUSCH-AlphaSetId,

Name of the Sub\_IE: (P0-PUSCH-AlphaSet)

p0 INTEGER (-16..15) OPTIONAL, -- Need S

Name of the Sub\_IE: (P0-PUSCH-AlphaSet)

alpha Alpha OPTIONAL -- Need S

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS)

pusch-PathlossReferenceRS-Id PUSCH-PathlossReferenceRS-Id,

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS)

referenceSignal CHOICE {

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS)

ssb-Index SSB-Index,

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS-r16)

pusch-PathlossReferenceRS-Id-r16 PUSCH-PathlossReferenceRS-Id-v1610,

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS-r16)

referenceSignal-r16 CHOICE {

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS-r16)

ssb-Index-r16 SSB-Index,

Name of the Sub\_IE: (PUSCH-PathlossReferenceRS-r16)

csi-RS-Index-r16 NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (DummyPathlossReferenceRS-v1710)

pusch-PathlossReferenceRS-Id-r17 PUSCH-PathlossReferenceRS-Id-r17,

Name of the Sub\_IE: (DummyPathlossReferenceRS-v1710)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SRI-PUSCH-PowerControl)

sri-PUSCH-PowerControlId SRI-PUSCH-PowerControlId,

Name of the Sub\_IE: (SRI-PUSCH-PowerControl)

sri-PUSCH-PathlossReferenceRS-Id PUSCH-PathlossReferenceRS-Id,

Name of the Sub\_IE: (SRI-PUSCH-PowerControl)

sri-P0-PUSCH-AlphaSetId P0-PUSCH-AlphaSetId,

Name of the Sub\_IE: (SRI-PUSCH-PowerControl)

sri-PUSCH-ClosedLoopIndex ENUMERATED { i0, i1 }

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

pathlossReferenceRSToAddModListSizeExt-v1610 SEQUENCE (SIZE (1..maxNrofPUSCH-PathlossReferenceRSsDiff-r16)) OF PUSCH-PathlossReferenceRS-r16

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

pathlossReferenceRSToReleaseListSizeExt-v1610 SEQUENCE (SIZE (1..maxNrofPUSCH-PathlossReferenceRSsDiff-r16)) OF PUSCH-PathlossReferenceRS-Id-v1610

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

p0-PUSCH-SetList-r16 SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF P0-PUSCH-Set-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

olpc-ParameterSet SEQUENCE {

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

olpc-ParameterSetDCI-0-1-r16 INTEGER (1..2) OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

olpc-ParameterSetDCI-0-2-r16 INTEGER (1..2) OPTIONAL -- Need R

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

...,

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

[[

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

sri-PUSCH-MappingToAddModList2-r17 SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF SRI-PUSCH-PowerControl

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

sri-PUSCH-MappingToReleaseList2-r17 SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF SRI-PUSCH-PowerControlId OPTIONAL, -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

p0-PUSCH-SetList2-r17 SEQUENCE (SIZE (1..maxNrofSRI-PUSCH-Mappings)) OF P0-PUSCH-Set-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

dummy SEQUENCE (SIZE (1..maxNrofPUSCH-PathlossReferenceRSs-r16)) OF DummyPathlossReferenceRS-v1710 OPTIONAL -- Need N

Name of the Sub\_IE: (PUSCH-PowerControl-v1610)

]]

Name of the Sub\_IE: (P0-PUSCH-Set-r16)

p0-PUSCH-SetId-r16 P0-PUSCH-SetId-r16,

Name of the Sub\_IE: (P0-PUSCH-Set-r16)

p0-List-r16 SEQUENCE (SIZE (1..maxNrofP0-PUSCH-Set-r16)) OF P0-PUSCH-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (P0-PUSCH-Set-r16)

...

Name of the IE: (PUSCH-SERVINGCELLCONFIG)

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

codeBlockGroupTransmission SetupRelease { PUSCH-CodeBlockGroupTransmission } OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

rateMatching ENUMERATED {limitedBufferRM} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

xOverhead ENUMERATED {xoh6, xoh12, xoh18} OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

...,

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

maxMIMO-Layers INTEGER (1..4) OPTIONAL, -- Need M

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

processingType2Enabled BOOLEAN OPTIONAL -- Need M

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

]],

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

maxMIMO-LayersDCI-0-2-r16 SetupRelease { MaxMIMO-LayersDCI-0-2-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

]],

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

[[

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

nrofHARQ-ProcessesForPUSCH-r17 ENUMERATED {n32} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

uplinkHARQ-mode-r17 SetupRelease { UplinkHARQ-mode-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (PUSCH-ServingCellConfig)

]]

Name of the Sub\_IE: (PUSCH-CodeBlockGroupTransmission)

maxCodeBlockGroupsPerTransportBlock ENUMERATED {n2, n4, n6, n8},

Name of the Sub\_IE: (PUSCH-CodeBlockGroupTransmission)

...

Name of the IE: (PUSCH-TIMEDOMAINRESOURCEALLOCATIONLIST)

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocationList)

PUSCH-TimeDomainResourceAllocationList SEQUENCE (SIZE(1..maxNrofUL-Allocations)) OF PUSCH-TimeDomainResourceAllocation

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation)

k2 INTEGER(0..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation)

mappingType ENUMERATED {typeA, typeB},

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation)

startSymbolAndLength INTEGER (0..127)

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocationList-r16)

PUSCH-TimeDomainResourceAllocationList-r16 SEQUENCE (SIZE(1..maxNrofUL-Allocations-r16)) OF PUSCH-TimeDomainResourceAllocation-r16

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation-r16)

k2-r16 INTEGER(0..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation-r16)

puschAllocationList-r16 SEQUENCE (SIZE(1..maxNrofMultiplePUSCHs-r16)) OF PUSCH-Allocation-r16,

Name of the Sub\_IE: (PUSCH-TimeDomainResourceAllocation-r16)

...

Name of the Sub\_IE: (PUSCH-Allocation-r16)

mappingType-r16 ENUMERATED {typeA, typeB} OPTIONAL, -- Cond NotFormat01-02-Or-TypeA

Name of the Sub\_IE: (PUSCH-Allocation-r16)

startSymbolAndLength-r16 INTEGER (0..127) OPTIONAL, -- Cond NotFormat01-02-Or-TypeA

Name of the Sub\_IE: (PUSCH-Allocation-r16)

startSymbol-r16 INTEGER (0..13) OPTIONAL, -- Cond RepTypeB

Name of the Sub\_IE: (PUSCH-Allocation-r16)

length-r16 INTEGER (1..14) OPTIONAL, -- Cond RepTypeB

Name of the Sub\_IE: (PUSCH-Allocation-r16)

numberOfRepetitions-r16 ENUMERATED {n1, n2, n3, n4, n7, n8, n12, n16} OPTIONAL, -- Cond Format01-02

Name of the Sub\_IE: (PUSCH-Allocation-r16)

...,

Name of the Sub\_IE: (PUSCH-Allocation-r16)

[[

Name of the Sub\_IE: (PUSCH-Allocation-r16)

numberOfRepetitionsExt-r17 ENUMERATED {n1, n2, n3, n4, n7, n8, n12, n16, n20, n24, n28, n32, spare4, spare3, spare2,

Name of the Sub\_IE: (PUSCH-Allocation-r16)

spare1} OPTIONAL, -- Cond Format01-02-For-TypeA

Name of the Sub\_IE: (PUSCH-Allocation-r16)

numberOfSlotsTBoMS-r17 ENUMERATED {n1, n2, n4, n8, spare4, spare3, spare2, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (PUSCH-Allocation-r16)

extendedK2-r17 INTEGER (0..128) OPTIONAL -- Cond MultiPUSCH

Name of the Sub\_IE: (PUSCH-Allocation-r16)

]]

Name of the IE: (PUSCH-TPC-COMMANDCONFIG)

Name of the Sub\_IE: (PUSCH-TPC-CommandConfig)

tpc-Index INTEGER (1..15) OPTIONAL, -- Cond SUL

Name of the Sub\_IE: (PUSCH-TPC-CommandConfig)

tpc-IndexSUL INTEGER (1..15) OPTIONAL, -- Cond SUL-Only

Name of the Sub\_IE: (PUSCH-TPC-CommandConfig)

targetCell ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (PUSCH-TPC-CommandConfig)

...

Name of the IE: (Q-OFFSETRANGE)

Name of the Sub\_IE: (Q-OffsetRange)

dB-24, dB-22, dB-20, dB-18, dB-16, dB-14,

Name of the Sub\_IE: (Q-OffsetRange)

dB-12, dB-10, dB-8, dB-6, dB-5, dB-4, dB-3,

Name of the Sub\_IE: (Q-OffsetRange)

dB-2, dB-1, dB0, dB1, dB2, dB3, dB4, dB5,

Name of the Sub\_IE: (Q-OffsetRange)

dB6, dB8, dB10, dB12, dB14, dB16, dB18,

Name of the Sub\_IE: (Q-OffsetRange)

dB20, dB22, dB24}

Name of the IE: (Q-QUALMIN)

Name of the IE: (Q-RXLEVMIN)

Name of the IE: (QUANTITYCONFIG)

Name of the Sub\_IE: (QuantityConfig)

quantityConfigNR-List SEQUENCE (SIZE (1..maxNrofQuantityConfig)) OF QuantityConfigNR OPTIONAL, -- Need M

Name of the Sub\_IE: (QuantityConfig)

...,

Name of the Sub\_IE: (QuantityConfig)

[[

Name of the Sub\_IE: (QuantityConfig)

quantityConfigEUTRA FilterConfig OPTIONAL -- Need M

Name of the Sub\_IE: (QuantityConfig)

]],

Name of the Sub\_IE: (QuantityConfig)

[[

Name of the Sub\_IE: (QuantityConfig)

quantityConfigUTRA-FDD-r16 QuantityConfigUTRA-FDD-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (QuantityConfig)

quantityConfigCLI-r16 FilterConfigCLI-r16 OPTIONAL -- Need M

Name of the Sub\_IE: (QuantityConfig)

]]

Name of the Sub\_IE: (QuantityConfigNR)

quantityConfigCell QuantityConfigRS,

Name of the Sub\_IE: (QuantityConfigNR)

quantityConfigRS-Index QuantityConfigRS OPTIONAL -- Need M

Name of the Sub\_IE: (QuantityConfigRS)

ssb-FilterConfig FilterConfig,

Name of the Sub\_IE: (QuantityConfigRS)

csi-RS-FilterConfig FilterConfig

Name of the Sub\_IE: (FilterConfig)

filterCoefficientRSRP FilterCoefficient DEFAULT fc4,

Name of the Sub\_IE: (FilterConfig)

filterCoefficientRSRQ FilterCoefficient DEFAULT fc4,

Name of the Sub\_IE: (FilterConfig)

filterCoefficientRS-SINR FilterCoefficient DEFAULT fc4

Name of the Sub\_IE: (FilterConfigCLI-r16)

filterCoefficientSRS-RSRP-r16 FilterCoefficient DEFAULT fc4,

Name of the Sub\_IE: (FilterConfigCLI-r16)

filterCoefficientCLI-RSSI-r16 FilterCoefficient DEFAULT fc4

Name of the Sub\_IE: (QuantityConfigUTRA-FDD-r16)

filterCoefficientRSCP-r16 FilterCoefficient DEFAULT fc4,

Name of the Sub\_IE: (QuantityConfigUTRA-FDD-r16)

filterCoefficientEcNO-r16 FilterCoefficient DEFAULT fc4

Name of the IE: (RACH-CONFIGCOMMON)

Name of the Sub\_IE: (RACH-ConfigCommon)

rach-ConfigGeneric RACH-ConfigGeneric,

Name of the Sub\_IE: (RACH-ConfigCommon)

totalNumberOfRA-Preambles INTEGER (1..63) OPTIONAL, -- Need S

Name of the Sub\_IE: (RACH-ConfigCommon)

ssb-perRACH-OccasionAndCB-PreamblesPerSSB CHOICE {

Name of the Sub\_IE: (RACH-ConfigCommon)

oneEighth ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommon)

oneFourth ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommon)

oneHalf ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommon)

one ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommon)

two ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32},

Name of the Sub\_IE: (RACH-ConfigCommon)

four INTEGER (1..16),

Name of the Sub\_IE: (RACH-ConfigCommon)

eight INTEGER (1..8),

Name of the Sub\_IE: (RACH-ConfigCommon)

sixteen INTEGER (1..4)

Name of the Sub\_IE: (RACH-ConfigCommon)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (RACH-ConfigCommon)

groupBconfigured SEQUENCE {

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-Msg3SizeGroupA ENUMERATED {b56, b144, b208, b256, b282, b480, b640,

Name of the Sub\_IE: (RACH-ConfigCommon)

b800, b1000, b72, spare6, spare5,spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (RACH-ConfigCommon)

messagePowerOffsetGroupB ENUMERATED { minusinfinity, dB0, dB5, dB8, dB10, dB12, dB15, dB18},

Name of the Sub\_IE: (RACH-ConfigCommon)

numberOfRA-PreamblesGroupA INTEGER (1..64)

Name of the Sub\_IE: (RACH-ConfigCommon)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-ContentionResolutionTimer ENUMERATED { sf8, sf16, sf24, sf32, sf40, sf48, sf56, sf64},

Name of the Sub\_IE: (RACH-ConfigCommon)

rsrp-ThresholdSSB RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigCommon)

rsrp-ThresholdSSB-SUL RSRP-Range OPTIONAL, -- Cond SUL

Name of the Sub\_IE: (RACH-ConfigCommon)

prach-RootSequenceIndex CHOICE {

Name of the Sub\_IE: (RACH-ConfigCommon)

l839 INTEGER (0..837),

Name of the Sub\_IE: (RACH-ConfigCommon)

l139 INTEGER (0..137)

Name of the Sub\_IE: (RACH-ConfigCommon)

},

Name of the Sub\_IE: (RACH-ConfigCommon)

msg1-SubcarrierSpacing SubcarrierSpacing OPTIONAL, -- Cond L139

Name of the Sub\_IE: (RACH-ConfigCommon)

restrictedSetConfig ENUMERATED {unrestrictedSet, restrictedSetTypeA, restrictedSetTypeB},

Name of the Sub\_IE: (RACH-ConfigCommon)

msg3-transformPrecoder ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigCommon)

...,

Name of the Sub\_IE: (RACH-ConfigCommon)

[[

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-PrioritizationForAccessIdentity-r16 SEQUENCE {

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-Prioritization-r16 RA-Prioritization,

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-PrioritizationForAI-r16 BIT STRING (SIZE (2))

Name of the Sub\_IE: (RACH-ConfigCommon)

} OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (RACH-ConfigCommon)

prach-RootSequenceIndex-r16 CHOICE {

Name of the Sub\_IE: (RACH-ConfigCommon)

l571 INTEGER (0..569),

Name of the Sub\_IE: (RACH-ConfigCommon)

l1151 INTEGER (0..1149)

Name of the Sub\_IE: (RACH-ConfigCommon)

} OPTIONAL -- Need R

Name of the Sub\_IE: (RACH-ConfigCommon)

]],

Name of the Sub\_IE: (RACH-ConfigCommon)

[[

Name of the Sub\_IE: (RACH-ConfigCommon)

ra-PrioritizationForSlicing-r17 RA-PrioritizationForSlicing-r17 OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (RACH-ConfigCommon)

featureCombinationPreamblesList-r17 SEQUENCE (SIZE(1..maxFeatureCombPreamblesPerRACHResource-r17)) OF FeatureCombinationPreambles-r17 OPTIONAL -- Cond AdditionalRACH

Name of the Sub\_IE: (RACH-ConfigCommon)

]]

Name of the IE: (RACH-CONFIGCOMMONTWOSTEPRA)

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

rach-ConfigGenericTwoStepRA-r16 RACH-ConfigGenericTwoStepRA-r16,

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-TotalNumberOfRA-Preambles-r16 INTEGER (1..63) OPTIONAL, -- Need S

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-SSB-PerRACH-OccasionAndCB-PreamblesPerSSB-r16 CHOICE {

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

oneEighth ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

oneFourth ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

oneHalf ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

one ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32,n36,n40,n44,n48,n52,n56,n60,n64},

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

two ENUMERATED {n4,n8,n12,n16,n20,n24,n28,n32},

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

four INTEGER (1..16),

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

eight INTEGER (1..8),

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

sixteen INTEGER (1..4)

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

} OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-CB-PreamblesPerSSB-PerSharedRO-r16 INTEGER (1..60) OPTIONAL, -- Cond SharedRO

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-SSB-SharedRO-MaskIndex-r16 INTEGER (1..15) OPTIONAL, -- Need S

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

groupB-ConfiguredTwoStepRA-r16 GroupB-ConfiguredTwoStepRA-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-PRACH-RootSequenceIndex-r16 CHOICE {

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

l839 INTEGER (0..837),

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

l139 INTEGER (0..137),

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

l571 INTEGER (0..569),

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

l1151 INTEGER (0..1149)

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

} OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-TransMax-r16 ENUMERATED {n1, n2, n4, n6, n8, n10, n20, n50, n100, n200} OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-RSRP-Threshold-r16 RSRP-Range OPTIONAL, -- Cond 2Step4Step

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-RSRP-ThresholdSSB-r16 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-SubcarrierSpacing-r16 SubcarrierSpacing OPTIONAL, -- Cond 2StepOnlyL139

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

msgA-RestrictedSetConfig-r16 ENUMERATED {unrestrictedSet, restrictedSetTypeA,

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

restrictedSetTypeB} OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

ra-PrioritizationForAccessIdentityTwoStep-r16 SEQUENCE {

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

ra-Prioritization-r16 RA-Prioritization,

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

ra-PrioritizationForAI-r16 BIT STRING (SIZE (2))

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

} OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

ra-ContentionResolutionTimer-r16 ENUMERATED {sf8, sf16, sf24, sf32, sf40, sf48, sf56, sf64} OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

...,

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

[[

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

ra-PrioritizationForSlicingTwoStep-r17 RA-PrioritizationForSlicing-r17 OPTIONAL, -- Cond InitialBWP-Only

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

featureCombinationPreamblesList-r17 SEQUENCE (SIZE(1..maxFeatureCombPreamblesPerRACHResource-r17)) OF FeatureCombinationPreambles-r17 OPTIONAL -- Cond AdditionalRACH

Name of the Sub\_IE: (RACH-ConfigCommonTwoStepRA-r16)

]]

Name of the Sub\_IE: (GroupB-ConfiguredTwoStepRA-r16)

ra-MsgA-SizeGroupA ENUMERATED {b56, b144, b208, b256, b282, b480, b640, b800,

Name of the Sub\_IE: (GroupB-ConfiguredTwoStepRA-r16)

b1000, b72, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (GroupB-ConfiguredTwoStepRA-r16)

messagePowerOffsetGroupB ENUMERATED {minusinfinity, dB0, dB5, dB8, dB10, dB12, dB15, dB18},

Name of the Sub\_IE: (GroupB-ConfiguredTwoStepRA-r16)

numberOfRA-PreamblesGroupA INTEGER (1..64)

Name of the IE: (RACH-CONFIGDEDICATED)

Name of the Sub\_IE: (RACH-ConfigDedicated)

cfra CFRA OPTIONAL, -- Need S

Name of the Sub\_IE: (RACH-ConfigDedicated)

ra-Prioritization RA-Prioritization OPTIONAL, -- Need N

Name of the Sub\_IE: (RACH-ConfigDedicated)

...,

Name of the Sub\_IE: (RACH-ConfigDedicated)

[[

Name of the Sub\_IE: (RACH-ConfigDedicated)

ra-PrioritizationTwoStep-r16 RA-Prioritization OPTIONAL, -- Need N

Name of the Sub\_IE: (RACH-ConfigDedicated)

cfra-TwoStep-r16 CFRA-TwoStep-r16 OPTIONAL -- Need S

Name of the Sub\_IE: (RACH-ConfigDedicated)

]]

Name of the Sub\_IE: (CFRA)

occasions SEQUENCE {

Name of the Sub\_IE: (CFRA)

rach-ConfigGeneric RACH-ConfigGeneric,

Name of the Sub\_IE: (CFRA)

ssb-perRACH-Occasion ENUMERATED {oneEighth, oneFourth, oneHalf, one, two, four, eight, sixteen}

Name of the Sub\_IE: (CFRA)

OPTIONAL -- Cond Mandatory

Name of the Sub\_IE: (CFRA)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (CFRA)

resources CHOICE {

Name of the Sub\_IE: (CFRA)

ssb SEQUENCE {

Name of the Sub\_IE: (CFRA)

ssb-ResourceList SEQUENCE (SIZE(1..maxRA-SSB-Resources)) OF CFRA-SSB-Resource,

Name of the Sub\_IE: (CFRA)

ra-ssb-OccasionMaskIndex INTEGER (0..15)

Name of the Sub\_IE: (CFRA)

},

Name of the Sub\_IE: (CFRA)

csirs SEQUENCE {

Name of the Sub\_IE: (CFRA)

csirs-ResourceList SEQUENCE (SIZE(1..maxRA-CSIRS-Resources)) OF CFRA-CSIRS-Resource,

Name of the Sub\_IE: (CFRA)

rsrp-ThresholdCSI-RS RSRP-Range

Name of the Sub\_IE: (CFRA)

},

Name of the Sub\_IE: (CFRA)

...,

Name of the Sub\_IE: (CFRA)

[[

Name of the Sub\_IE: (CFRA)

totalNumberOfRA-Preambles INTEGER (1..63) OPTIONAL -- Cond Occasions

Name of the Sub\_IE: (CFRA)

]]

Name of the Sub\_IE: (CFRA-TwoStep-r16)

occasionsTwoStepRA-r16 SEQUENCE {

Name of the Sub\_IE: (CFRA-TwoStep-r16)

rach-ConfigGenericTwoStepRA-r16 RACH-ConfigGenericTwoStepRA-r16,

Name of the Sub\_IE: (CFRA-TwoStep-r16)

ssb-PerRACH-OccasionTwoStepRA-r16 ENUMERATED {oneEighth, oneFourth, oneHalf, one,

Name of the Sub\_IE: (CFRA-TwoStep-r16)

two, four, eight, sixteen}

Name of the Sub\_IE: (CFRA-TwoStep-r16)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (CFRA-TwoStep-r16)

msgA-CFRA-PUSCH-r16 MsgA-PUSCH-Resource-r16,

Name of the Sub\_IE: (CFRA-TwoStep-r16)

msgA-TransMax-r16 ENUMERATED {n1, n2, n4, n6, n8, n10, n20, n50, n100, n200} OPTIONAL, -- Need S

Name of the Sub\_IE: (CFRA-TwoStep-r16)

resourcesTwoStep-r16 SEQUENCE {

Name of the Sub\_IE: (CFRA-TwoStep-r16)

ssb-ResourceList SEQUENCE (SIZE(1..maxRA-SSB-Resources)) OF CFRA-SSB-Resource,

Name of the Sub\_IE: (CFRA-TwoStep-r16)

ra-ssb-OccasionMaskIndex INTEGER (0..15)

Name of the Sub\_IE: (CFRA-TwoStep-r16)

},

Name of the Sub\_IE: (CFRA-TwoStep-r16)

...

Name of the Sub\_IE: (CFRA-SSB-Resource)

ssb SSB-Index,

Name of the Sub\_IE: (CFRA-SSB-Resource)

ra-PreambleIndex INTEGER (0..63),

Name of the Sub\_IE: (CFRA-SSB-Resource)

...,

Name of the Sub\_IE: (CFRA-SSB-Resource)

[[

Name of the Sub\_IE: (CFRA-SSB-Resource)

msgA-PUSCH-Resource-Index-r16 INTEGER (0..3071) OPTIONAL -- Cond 2StepCFRA

Name of the Sub\_IE: (CFRA-SSB-Resource)

]]

Name of the Sub\_IE: (CFRA-CSIRS-Resource)

csi-RS CSI-RS-Index,

Name of the Sub\_IE: (CFRA-CSIRS-Resource)

ra-OccasionList SEQUENCE (SIZE(1..maxRA-OccasionsPerCSIRS)) OF INTEGER (0..maxRA-Occasions-1),

Name of the Sub\_IE: (CFRA-CSIRS-Resource)

ra-PreambleIndex INTEGER (0..63),

Name of the Sub\_IE: (CFRA-CSIRS-Resource)

...

Name of the IE: (RACH-CONFIGGENERIC)

Name of the Sub\_IE: (RACH-ConfigGeneric)

prach-ConfigurationIndex INTEGER (0..255),

Name of the Sub\_IE: (RACH-ConfigGeneric)

msg1-FDM ENUMERATED {one, two, four, eight},

Name of the Sub\_IE: (RACH-ConfigGeneric)

msg1-FrequencyStart INTEGER (0..maxNrofPhysicalResourceBlocks-1),

Name of the Sub\_IE: (RACH-ConfigGeneric)

zeroCorrelationZoneConfig INTEGER(0..15),

Name of the Sub\_IE: (RACH-ConfigGeneric)

preambleReceivedTargetPower INTEGER (-202..-60),

Name of the Sub\_IE: (RACH-ConfigGeneric)

preambleTransMax ENUMERATED {n3, n4, n5, n6, n7, n8, n10, n20, n50, n100, n200},

Name of the Sub\_IE: (RACH-ConfigGeneric)

powerRampingStep ENUMERATED {dB0, dB2, dB4, dB6},

Name of the Sub\_IE: (RACH-ConfigGeneric)

ra-ResponseWindow ENUMERATED {sl1, sl2, sl4, sl8, sl10, sl20, sl40, sl80},

Name of the Sub\_IE: (RACH-ConfigGeneric)

...,

Name of the Sub\_IE: (RACH-ConfigGeneric)

[[

Name of the Sub\_IE: (RACH-ConfigGeneric)

prach-ConfigurationPeriodScaling-IAB-r16 ENUMERATED {scf1,scf2,scf4,scf8,scf16,scf32,scf64} OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

prach-ConfigurationFrameOffset-IAB-r16 INTEGER (0..63) OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

prach-ConfigurationSOffset-IAB-r16 INTEGER (0..39) OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

ra-ResponseWindow-v1610 ENUMERATED { sl60, sl160} OPTIONAL, -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

prach-ConfigurationIndex-v1610 INTEGER (256..262) OPTIONAL -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

]],

Name of the Sub\_IE: (RACH-ConfigGeneric)

[[

Name of the Sub\_IE: (RACH-ConfigGeneric)

ra-ResponseWindow-v1700 ENUMERATED {sl240, sl320, sl640, sl960, sl1280, sl1920, sl2560} OPTIONAL -- Need R

Name of the Sub\_IE: (RACH-ConfigGeneric)

]]

Name of the IE: (RACH-CONFIGGENERICTWOSTEPRA)

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-PRACH-ConfigurationIndex-r16 INTEGER (0..262) OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-RO-FDM-r16 ENUMERATED {one, two, four, eight} OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-RO-FrequencyStart-r16 INTEGER (0..maxNrofPhysicalResourceBlocks-1) OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-ZeroCorrelationZoneConfig-r16 INTEGER (0..15) OPTIONAL, -- Cond 2StepOnly

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-PreamblePowerRampingStep-r16 ENUMERATED {dB0, dB2, dB4, dB6} OPTIONAL, -- Cond 2StepOnlyNoCFRA

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgA-PreambleReceivedTargetPower-r16 INTEGER (-202..-60) OPTIONAL, -- Cond 2StepOnlyNoCFRA

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgB-ResponseWindow-r16 ENUMERATED {sl1, sl2, sl4, sl8, sl10, sl20, sl40, sl80, sl160, sl320}

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

OPTIONAL, -- Cond NoCFRA

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

preambleTransMax-r16 ENUMERATED {n3, n4, n5, n6, n7, n8, n10, n20, n50, n100, n200} OPTIONAL, -- Cond 2StepOnlyNoCFRA

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

...,

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

[[

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

msgB-ResponseWindow-v1700 ENUMERATED {sl240, sl640, sl960, sl1280, sl1920, sl2560} OPTIONAL -- Cond NoCFRA2

Name of the Sub\_IE: (RACH-ConfigGenericTwoStepRA-r16)

]]

Name of the IE: (RA-PRIORITIZATION)

Name of the Sub\_IE: (RA-Prioritization)

powerRampingStepHighPriority ENUMERATED {dB0, dB2, dB4, dB6},

Name of the Sub\_IE: (RA-Prioritization)

scalingFactorBI ENUMERATED {zero, dot25, dot5, dot75} OPTIONAL, -- Need R

Name of the Sub\_IE: (RA-Prioritization)

...

Name of the IE: (RA-PRIORITIZATIONFORSLICING)

Name of the Sub\_IE: (RA-PrioritizationForSlicing-r17)

ra-PrioritizationSliceInfoList-r17 RA-PrioritizationSliceInfoList-r17,

Name of the Sub\_IE: (RA-PrioritizationForSlicing-r17)

...

Name of the Sub\_IE: (RA-PrioritizationSliceInfoList-r17)

RA-PrioritizationSliceInfoList-r17 SEQUENCE (SIZE (1..maxSliceInfo-r17)) OF RA-PrioritizationSliceInfo-r17

Name of the Sub\_IE: (RA-PrioritizationSliceInfo-r17)

nsag-ID-List-r17 SEQUENCE (SIZE (1..maxSliceInfo-r17)) OF NSAG-ID-r17,

Name of the Sub\_IE: (RA-PrioritizationSliceInfo-r17)

ra-Prioritization-r17 RA-Prioritization,

Name of the Sub\_IE: (RA-PrioritizationSliceInfo-r17)

...

Name of the IE: (RADIOBEARERCONFIG)

Name of the Sub\_IE: (RadioBearerConfig)

srb-ToAddModList SRB-ToAddModList OPTIONAL, -- Cond HO-Conn

Name of the Sub\_IE: (RadioBearerConfig)

srb3-ToRelease ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

drb-ToAddModList DRB-ToAddModList OPTIONAL, -- Cond HO-toNR

Name of the Sub\_IE: (RadioBearerConfig)

drb-ToReleaseList DRB-ToReleaseList OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

securityConfig SecurityConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (RadioBearerConfig)

...,

Name of the Sub\_IE: (RadioBearerConfig)

[[

Name of the Sub\_IE: (RadioBearerConfig)

mrb-ToAddModList-r17 MRB-ToAddModList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

mrb-ToReleaseList-r17 MRB-ToReleaseList-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

srb4-ToAddMod-r17 SRB-ToAddMod OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

srb4-ToRelease-r17 ENUMERATED{true} OPTIONAL -- Need N

Name of the Sub\_IE: (RadioBearerConfig)

]]

Name of the Sub\_IE: (SRB-ToAddModList)

SRB-ToAddModList SEQUENCE (SIZE (1..2)) OF SRB-ToAddMod

Name of the Sub\_IE: (SRB-ToAddMod)

srb-Identity SRB-Identity,

Name of the Sub\_IE: (SRB-ToAddMod)

reestablishPDCP ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (SRB-ToAddMod)

discardOnPDCP ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (SRB-ToAddMod)

pdcp-Config PDCP-Config OPTIONAL, -- Cond PDCP

Name of the Sub\_IE: (SRB-ToAddMod)

...,

Name of the Sub\_IE: (SRB-ToAddMod)

[[

Name of the Sub\_IE: (SRB-ToAddMod)

srb-Identity-v1700 SRB-Identity-v1700 OPTIONAL -- Need M

Name of the Sub\_IE: (SRB-ToAddMod)

]]

Name of the Sub\_IE: (DRB-ToAddModList)

DRB-ToAddModList SEQUENCE (SIZE (1..maxDRB)) OF DRB-ToAddMod

Name of the Sub\_IE: (DRB-ToAddMod)

cnAssociation CHOICE {

Name of the Sub\_IE: (DRB-ToAddMod)

eps-BearerIdentity INTEGER (0..15),

Name of the Sub\_IE: (DRB-ToAddMod)

sdap-Config SDAP-Config

Name of the Sub\_IE: (DRB-ToAddMod)

} OPTIONAL, -- Cond DRBSetup

Name of the Sub\_IE: (DRB-ToAddMod)

drb-Identity DRB-Identity,

Name of the Sub\_IE: (DRB-ToAddMod)

reestablishPDCP ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (DRB-ToAddMod)

recoverPDCP ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (DRB-ToAddMod)

pdcp-Config PDCP-Config OPTIONAL, -- Cond PDCP

Name of the Sub\_IE: (DRB-ToAddMod)

...,

Name of the Sub\_IE: (DRB-ToAddMod)

[[

Name of the Sub\_IE: (DRB-ToAddMod)

daps-Config-r16 ENUMERATED{true} OPTIONAL -- Cond DAPS

Name of the Sub\_IE: (DRB-ToAddMod)

]]

Name of the Sub\_IE: (DRB-ToReleaseList)

DRB-ToReleaseList SEQUENCE (SIZE (1..maxDRB)) OF DRB-Identity

Name of the Sub\_IE: (SecurityConfig)

securityAlgorithmConfig SecurityAlgorithmConfig OPTIONAL, -- Cond RBTermChange1

Name of the Sub\_IE: (SecurityConfig)

keyToUse ENUMERATED{master, secondary} OPTIONAL, -- Cond RBTermChange

Name of the Sub\_IE: (SecurityConfig)

...

Name of the Sub\_IE: (MRB-ToAddModList-r17)

MRB-ToAddModList-r17 SEQUENCE (SIZE (1..maxMRB-r17)) OF MRB-ToAddMod-r17

Name of the Sub\_IE: (MRB-ToAddMod-r17)

mbs-SessionId-r17 TMGI-r17 OPTIONAL, -- Cond MRBSetup

Name of the Sub\_IE: (MRB-ToAddMod-r17)

mrb-Identity-r17 MRB-Identity-r17,

Name of the Sub\_IE: (MRB-ToAddMod-r17)

mrb-IdentityNew-r17 MRB-Identity-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MRB-ToAddMod-r17)

reestablishPDCP-r17 ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (MRB-ToAddMod-r17)

recoverPDCP-r17 ENUMERATED{true} OPTIONAL, -- Need N

Name of the Sub\_IE: (MRB-ToAddMod-r17)

pdcp-Config-r17 PDCP-Config OPTIONAL, -- Cond PDCP

Name of the Sub\_IE: (MRB-ToAddMod-r17)

...

Name of the Sub\_IE: (MRB-ToReleaseList-r17)

MRB-ToReleaseList-r17 SEQUENCE (SIZE (1..maxMRB-r17)) OF MRB-Identity-r17

Name of the IE: (RADIOLINKMONITORINGCONFIG)

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

failureDetectionResourcesToAddModList SEQUENCE (SIZE(1..maxNrofFailureDetectionResources)) OF RadioLinkMonitoringRS

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

failureDetectionResourcesToReleaseList SEQUENCE (SIZE(1..maxNrofFailureDetectionResources)) OF RadioLinkMonitoringRS-Id

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

beamFailureInstanceMaxCount ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10} OPTIONAL, -- Need R

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

beamFailureDetectionTimer ENUMERATED {pbfd1, pbfd2, pbfd3, pbfd4, pbfd5, pbfd6, pbfd8, pbfd10} OPTIONAL, -- Need R

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

...,

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

[[

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

beamFailure-r17 BeamFailureDetection-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (RadioLinkMonitoringConfig)

]]

Name of the Sub\_IE: (BeamFailureDetection-r17)

failureDetectionSet1-r17 BeamFailureDetectionSet-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureDetection-r17)

failureDetectionSet2-r17 BeamFailureDetectionSet-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureDetection-r17)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (RadioLinkMonitoringRS)

radioLinkMonitoringRS-Id RadioLinkMonitoringRS-Id,

Name of the Sub\_IE: (RadioLinkMonitoringRS)

purpose ENUMERATED {beamFailure, rlf, both},

Name of the Sub\_IE: (RadioLinkMonitoringRS)

detectionResource CHOICE {

Name of the Sub\_IE: (RadioLinkMonitoringRS)

ssb-Index SSB-Index,

Name of the Sub\_IE: (RadioLinkMonitoringRS)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (RadioLinkMonitoringRS)

},

Name of the Sub\_IE: (RadioLinkMonitoringRS)

...

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

bfdResourcesToAddModList-r17 SEQUENCE (SIZE(1..maxNrofBFDResourcePerSet-r17)) OF BeamLinkMonitoringRS-r17

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

OPTIONAL, -- Need N

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

bfdResourcesToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofBFDResourcePerSet-r17)) OF BeamLinkMonitoringRS-Id-r17

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

OPTIONAL, -- Need N

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

beamFailureInstanceMaxCount-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10} OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

beamFailureDetectionTimer-r17 ENUMERATED {pbfd1, pbfd2, pbfd3, pbfd4, pbfd5, pbfd6, pbfd8, pbfd10} OPTIONAL, -- Need R

Name of the Sub\_IE: (BeamFailureDetectionSet-r17)

...

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

beamLinkMonitoringRS-Id-r17 BeamLinkMonitoringRS-Id-r17,

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

detectionResource-r17 CHOICE {

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

ssb-Index SSB-Index,

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

},

Name of the Sub\_IE: (BeamLinkMonitoringRS-r17)

...

Name of the IE: (RADIOLINKMONITORINGRS-ID)

Name of the IE: (RAN-AREACODE)

Name of the IE: (RATEMATCHPATTERN)

Name of the Sub\_IE: (RateMatchPattern)

rateMatchPatternId RateMatchPatternId,

Name of the Sub\_IE: (RateMatchPattern)

patternType CHOICE {

Name of the Sub\_IE: (RateMatchPattern)

bitmaps SEQUENCE {

Name of the Sub\_IE: (RateMatchPattern)

resourceBlocks BIT STRING (SIZE (275)),

Name of the Sub\_IE: (RateMatchPattern)

symbolsInResourceBlock CHOICE {

Name of the Sub\_IE: (RateMatchPattern)

oneSlot BIT STRING (SIZE (14)),

Name of the Sub\_IE: (RateMatchPattern)

twoSlots BIT STRING (SIZE (28))

Name of the Sub\_IE: (RateMatchPattern)

},

Name of the Sub\_IE: (RateMatchPattern)

periodicityAndPattern CHOICE {

Name of the Sub\_IE: (RateMatchPattern)

n2 BIT STRING (SIZE (2)),

Name of the Sub\_IE: (RateMatchPattern)

n4 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (RateMatchPattern)

n5 BIT STRING (SIZE (5)),

Name of the Sub\_IE: (RateMatchPattern)

n8 BIT STRING (SIZE (8)),

Name of the Sub\_IE: (RateMatchPattern)

n10 BIT STRING (SIZE (10)),

Name of the Sub\_IE: (RateMatchPattern)

n20 BIT STRING (SIZE (20)),

Name of the Sub\_IE: (RateMatchPattern)

n40 BIT STRING (SIZE (40))

Name of the Sub\_IE: (RateMatchPattern)

} OPTIONAL, -- Need S

Name of the Sub\_IE: (RateMatchPattern)

...

Name of the Sub\_IE: (RateMatchPattern)

},

Name of the Sub\_IE: (RateMatchPattern)

controlResourceSet ControlResourceSetId

Name of the Sub\_IE: (RateMatchPattern)

},

Name of the Sub\_IE: (RateMatchPattern)

subcarrierSpacing SubcarrierSpacing OPTIONAL, -- Cond CellLevel

Name of the Sub\_IE: (RateMatchPattern)

dummy ENUMERATED { dynamic, semiStatic },

Name of the Sub\_IE: (RateMatchPattern)

...,

Name of the Sub\_IE: (RateMatchPattern)

[[

Name of the Sub\_IE: (RateMatchPattern)

controlResourceSet-r16 ControlResourceSetId-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (RateMatchPattern)

]]

Name of the IE: (RATEMATCHPATTERNID)

Name of the IE: (RATEMATCHPATTERNLTE-CRS)

Name of the Sub\_IE: (RateMatchPatternLTE-CRS)

carrierFreqDL INTEGER (0..16383),

Name of the Sub\_IE: (RateMatchPatternLTE-CRS)

carrierBandwidthDL ENUMERATED {n6, n15, n25, n50, n75, n100, spare2, spare1},

Name of the Sub\_IE: (RateMatchPatternLTE-CRS)

mbsfn-SubframeConfigList EUTRA-MBSFN-SubframeConfigList OPTIONAL, -- Need M

Name of the Sub\_IE: (RateMatchPatternLTE-CRS)

nrofCRS-Ports ENUMERATED {n1, n2, n4},

Name of the Sub\_IE: (RateMatchPatternLTE-CRS)

v-Shift ENUMERATED {n0, n1, n2, n3, n4, n5}

Name of the Sub\_IE: (LTE-CRS-PatternList-r16)

LTE-CRS-PatternList-r16 SEQUENCE (SIZE (1..maxLTE-CRS-Patterns-r16)) OF RateMatchPatternLTE-CRS

Name of the IE: (REFERENCELOCATION)

Name of the IE: (REFERENCETIMEINFO)

Name of the Sub\_IE: (ReferenceTimeInfo-r16)

time-r16 ReferenceTime-r16,

Name of the Sub\_IE: (ReferenceTimeInfo-r16)

uncertainty-r16 INTEGER (0..32767) OPTIONAL, -- Need S

Name of the Sub\_IE: (ReferenceTimeInfo-r16)

timeInfoType-r16 ENUMERATED {localClock} OPTIONAL, -- Need S

Name of the Sub\_IE: (ReferenceTimeInfo-r16)

referenceSFN-r16 INTEGER (0..1023) OPTIONAL -- Cond RefTime

Name of the Sub\_IE: (ReferenceTime-r16)

refDays-r16 INTEGER (0..72999),

Name of the Sub\_IE: (ReferenceTime-r16)

refSeconds-r16 INTEGER (0..86399),

Name of the Sub\_IE: (ReferenceTime-r16)

refMilliSeconds-r16 INTEGER (0..999),

Name of the Sub\_IE: (ReferenceTime-r16)

refTenNanoSeconds-r16 INTEGER (0..99999)

Name of the IE: (REJECTWAITTIME)

Name of the IE: (REPETITIONSCHEMECONFIG)

Name of the Sub\_IE: (RepetitionSchemeConfig-r16)

fdm-TDM-r16 SetupRelease { FDM-TDM-r16 },

Name of the Sub\_IE: (RepetitionSchemeConfig-r16)

slotBased-r16 SetupRelease { SlotBased-r16 }

Name of the Sub\_IE: (RepetitionSchemeConfig-v1630)

slotBased-v1630 SetupRelease { SlotBased-v1630 }

Name of the Sub\_IE: (FDM-TDM-r16)

repetitionScheme-r16 ENUMERATED {fdmSchemeA, fdmSchemeB,tdmSchemeA },

Name of the Sub\_IE: (FDM-TDM-r16)

startingSymbolOffsetK-r16 INTEGER (0..7) OPTIONAL -- Need R

Name of the Sub\_IE: (SlotBased-r16)

tciMapping-r16 ENUMERATED {cyclicMapping, sequentialMapping},

Name of the Sub\_IE: (SlotBased-r16)

sequenceOffsetForRV-r16 INTEGER (1..3)

Name of the Sub\_IE: (SlotBased-v1630)

tciMapping-r16 ENUMERATED {cyclicMapping, sequentialMapping},

Name of the Sub\_IE: (SlotBased-v1630)

sequenceOffsetForRV-r16 INTEGER (0)

Name of the IE: (REPORTCONFIGID)

Name of the IE: (REPORTCONFIGINTERRAT)

Name of the Sub\_IE: (ReportConfigInterRAT)

reportType CHOICE {

Name of the Sub\_IE: (ReportConfigInterRAT)

periodical PeriodicalReportConfigInterRAT,

Name of the Sub\_IE: (ReportConfigInterRAT)

eventTriggered EventTriggerConfigInterRAT,

Name of the Sub\_IE: (ReportConfigInterRAT)

reportCGI ReportCGI-EUTRA,

Name of the Sub\_IE: (ReportConfigInterRAT)

...,

Name of the Sub\_IE: (ReportConfigInterRAT)

reportSFTD ReportSFTD-EUTRA

Name of the Sub\_IE: (ReportCGI-EUTRA)

cellForWhichToReportCGI EUTRA-PhysCellId,

Name of the Sub\_IE: (ReportCGI-EUTRA)

...,

Name of the Sub\_IE: (ReportCGI-EUTRA)

[[

Name of the Sub\_IE: (ReportCGI-EUTRA)

useAutonomousGaps-r16 ENUMERATED {setup} OPTIONAL -- Need R

Name of the Sub\_IE: (ReportCGI-EUTRA)

]]

Name of the Sub\_IE: (ReportSFTD-EUTRA)

reportSFTD-Meas BOOLEAN,

Name of the Sub\_IE: (ReportSFTD-EUTRA)

reportRSRP BOOLEAN,

Name of the Sub\_IE: (ReportSFTD-EUTRA)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventId CHOICE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventB1 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b1-ThresholdEUTRA MeasTriggerQuantityEUTRA,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventB2 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b2-Threshold1 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b2-Threshold2EUTRA MeasTriggerQuantityEUTRA,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

[[

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventB1-UTRA-FDD-r16 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b1-ThresholdUTRA-FDD-r16 MeasTriggerQuantityUTRA-FDD-r16,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave-r16 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger-r16 TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventB2-UTRA-FDD-r16 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b2-Threshold1-r16 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

b2-Threshold2UTRA-FDD-r16 MeasTriggerQuantityUTRA-FDD-r16,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave-r16 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger-r16 TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

]],

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

[[

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventY1-Relay-r17 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

y1-Threshold1-r17 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

y1-Threshold2-Relay-r17 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave-r17 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis-r17 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger-r17 TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

eventY2-Relay-r17 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

y2-Threshold-Relay-r17 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportOnLeave-r17 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

hysteresis-r17 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

timeToTrigger-r17 TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

]]

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

rsType NR-RS-Type,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportInterval ReportInterval,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportAmount ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportQuantity MeasReportQuantity,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

maxReportCells INTEGER (1..maxCellReport),

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

...,

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

[[

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportQuantityUTRA-FDD-r16 MeasReportQuantityUTRA-FDD-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

]],

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

[[

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

includeCommonLocationInfo-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

includeBT-Meas-r16 SetupRelease {BT-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

includeWLAN-Meas-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

includeSensor-Meas-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

]],

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

[[

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

reportQuantityRelay-r17 SL-MeasReportQuantity-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (EventTriggerConfigInterRAT)

]]}

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

reportInterval ReportInterval,

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

reportAmount ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

reportQuantity MeasReportQuantity,

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

maxReportCells INTEGER (1..maxCellReport),

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

...,

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

[[

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

reportQuantityUTRA-FDD-r16 MeasReportQuantityUTRA-FDD-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

]],

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

[[

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

includeCommonLocationInfo-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

includeBT-Meas-r16 SetupRelease {BT-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

includeWLAN-Meas-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

includeSensor-Meas-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

]],

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

[[

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

reportQuantityRelay-r17 SL-MeasReportQuantity-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (PeriodicalReportConfigInterRAT)

]]

Name of the Sub\_IE: (MeasTriggerQuantityUTRA-FDD-r16)

utra-FDD-RSCP-r16 INTEGER (-5..91),

Name of the Sub\_IE: (MeasTriggerQuantityUTRA-FDD-r16)

utra-FDD-EcN0-r16 INTEGER (0..49)

Name of the Sub\_IE: (MeasReportQuantityUTRA-FDD-r16)

cpich-RSCP BOOLEAN,

Name of the Sub\_IE: (MeasReportQuantityUTRA-FDD-r16)

cpich-EcN0 BOOLEAN

Name of the IE: (REPORTCONFIGNR)

Name of the Sub\_IE: (ReportConfigNR)

reportType CHOICE {

Name of the Sub\_IE: (ReportConfigNR)

periodical PeriodicalReportConfig,

Name of the Sub\_IE: (ReportConfigNR)

eventTriggered EventTriggerConfig,

Name of the Sub\_IE: (ReportConfigNR)

...,

Name of the Sub\_IE: (ReportConfigNR)

reportCGI ReportCGI,

Name of the Sub\_IE: (ReportConfigNR)

reportSFTD ReportSFTD-NR,

Name of the Sub\_IE: (ReportConfigNR)

condTriggerConfig-r16 CondTriggerConfig-r16,

Name of the Sub\_IE: (ReportConfigNR)

cli-Periodical-r16 CLI-PeriodicalReportConfig-r16,

Name of the Sub\_IE: (ReportConfigNR)

cli-EventTriggered-r16 CLI-EventTriggerConfig-r16,

Name of the Sub\_IE: (ReportConfigNR)

rxTxPeriodical-r17 RxTxPeriodical-r17

Name of the Sub\_IE: (ReportCGI)

cellForWhichToReportCGI PhysCellId,

Name of the Sub\_IE: (ReportCGI)

...,

Name of the Sub\_IE: (ReportCGI)

[[

Name of the Sub\_IE: (ReportCGI)

useAutonomousGaps-r16 ENUMERATED {setup} OPTIONAL -- Need R

Name of the Sub\_IE: (ReportCGI)

]]

Name of the Sub\_IE: (ReportSFTD-NR)

reportSFTD-Meas BOOLEAN,

Name of the Sub\_IE: (ReportSFTD-NR)

reportRSRP BOOLEAN,

Name of the Sub\_IE: (ReportSFTD-NR)

...,

Name of the Sub\_IE: (ReportSFTD-NR)

[[

Name of the Sub\_IE: (ReportSFTD-NR)

reportSFTD-NeighMeas ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (ReportSFTD-NR)

drx-SFTD-NeighMeas ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (ReportSFTD-NR)

cellsForWhichToReportSFTD SEQUENCE (SIZE (1..maxCellSFTD)) OF PhysCellId OPTIONAL -- Need R

Name of the Sub\_IE: (ReportSFTD-NR)

]]

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventId CHOICE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventA3 SEQUENCE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

a3-Offset MeasTriggerQuantityOffset,

Name of the Sub\_IE: (CondTriggerConfig-r16)

hysteresis Hysteresis,

Name of the Sub\_IE: (CondTriggerConfig-r16)

timeToTrigger TimeToTrigger

Name of the Sub\_IE: (CondTriggerConfig-r16)

},

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventA5 SEQUENCE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

a5-Threshold1 MeasTriggerQuantity,

Name of the Sub\_IE: (CondTriggerConfig-r16)

a5-Threshold2 MeasTriggerQuantity,

Name of the Sub\_IE: (CondTriggerConfig-r16)

hysteresis Hysteresis,

Name of the Sub\_IE: (CondTriggerConfig-r16)

timeToTrigger TimeToTrigger

Name of the Sub\_IE: (CondTriggerConfig-r16)

},

Name of the Sub\_IE: (CondTriggerConfig-r16)

...,

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventA4-r17 SEQUENCE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

a4-Threshold-r17 MeasTriggerQuantity,

Name of the Sub\_IE: (CondTriggerConfig-r16)

hysteresis-r17 Hysteresis,

Name of the Sub\_IE: (CondTriggerConfig-r16)

timeToTrigger-r17 TimeToTrigger

Name of the Sub\_IE: (CondTriggerConfig-r16)

},

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventD1-r17 SEQUENCE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

distanceThreshFromReference1-r17 INTEGER(0.. 65525),

Name of the Sub\_IE: (CondTriggerConfig-r16)

distanceThreshFromReference2-r17 INTEGER(0.. 65525),

Name of the Sub\_IE: (CondTriggerConfig-r16)

referenceLocation1-r17 ReferenceLocation-r17,

Name of the Sub\_IE: (CondTriggerConfig-r16)

referenceLocation2-r17 ReferenceLocation-r17,

Name of the Sub\_IE: (CondTriggerConfig-r16)

hysteresisLocation-r17 HysteresisLocation-r17,

Name of the Sub\_IE: (CondTriggerConfig-r16)

timeToTrigger-r17 TimeToTrigger

Name of the Sub\_IE: (CondTriggerConfig-r16)

},

Name of the Sub\_IE: (CondTriggerConfig-r16)

condEventT1-r17 SEQUENCE {

Name of the Sub\_IE: (CondTriggerConfig-r16)

t1-Threshold-r17 INTEGER (0..549755813887),

Name of the Sub\_IE: (CondTriggerConfig-r16)

duration-r17 INTEGER (1..6000)

Name of the Sub\_IE: (CondTriggerConfig-r16)

},

Name of the Sub\_IE: (CondTriggerConfig-r16)

rsType-r16 NR-RS-Type,

Name of the Sub\_IE: (CondTriggerConfig-r16)

...

Name of the Sub\_IE: (EventTriggerConfig)

eventId CHOICE {

Name of the Sub\_IE: (EventTriggerConfig)

eventA1 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a1-Threshold MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventA2 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a2-Threshold MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventA3 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a3-Offset MeasTriggerQuantityOffset,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfig)

useAllowedCellList BOOLEAN

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventA4 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a4-Threshold MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfig)

useAllowedCellList BOOLEAN

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventA5 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a5-Threshold1 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

a5-Threshold2 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfig)

useAllowedCellList BOOLEAN

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventA6 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

a6-Offset MeasTriggerQuantityOffset,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfig)

useAllowedCellList BOOLEAN

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

...,

Name of the Sub\_IE: (EventTriggerConfig)

[[

Name of the Sub\_IE: (EventTriggerConfig)

eventX1-r17 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

x1-Threshold1-Relay-r17 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (EventTriggerConfig)

x1-Threshold2-r17 MeasTriggerQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave-r17 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis-r17 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger-r17 TimeToTrigger,

Name of the Sub\_IE: (EventTriggerConfig)

useAllowedCellList-r17 BOOLEAN

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventX2-r17 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

x2-Threshold-Relay-r17 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave-r17 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresis-r17 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger-r17 TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

eventD1-r17 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfig)

distanceThreshFromReference1-r17 INTEGER(1.. 65525),

Name of the Sub\_IE: (EventTriggerConfig)

distanceThreshFromReference2-r17 INTEGER(1.. 65525),

Name of the Sub\_IE: (EventTriggerConfig)

referenceLocation1-r17 ReferenceLocation-r17,

Name of the Sub\_IE: (EventTriggerConfig)

referenceLocation2-r17 ReferenceLocation-r17,

Name of the Sub\_IE: (EventTriggerConfig)

reportOnLeave-r17 BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

hysteresisLocation-r17 HysteresisLocation-r17,

Name of the Sub\_IE: (EventTriggerConfig)

timeToTrigger-r17 TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfig)

]]

Name of the Sub\_IE: (EventTriggerConfig)

},

Name of the Sub\_IE: (EventTriggerConfig)

rsType NR-RS-Type,

Name of the Sub\_IE: (EventTriggerConfig)

reportInterval ReportInterval,

Name of the Sub\_IE: (EventTriggerConfig)

reportAmount ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (EventTriggerConfig)

reportQuantityCell MeasReportQuantity,

Name of the Sub\_IE: (EventTriggerConfig)

maxReportCells INTEGER (1..maxCellReport),

Name of the Sub\_IE: (EventTriggerConfig)

reportQuantityRS-Indexes MeasReportQuantity OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

maxNrofRS-IndexesToReport INTEGER (1..maxNrofIndexesToReport) OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

includeBeamMeasurements BOOLEAN,

Name of the Sub\_IE: (EventTriggerConfig)

reportAddNeighMeas ENUMERATED {setup} OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

...,

Name of the Sub\_IE: (EventTriggerConfig)

[[

Name of the Sub\_IE: (EventTriggerConfig)

measRSSI-ReportConfig-r16 MeasRSSI-ReportConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

useT312-r16 BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (EventTriggerConfig)

includeCommonLocationInfo-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

includeBT-Meas-r16 SetupRelease {BT-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (EventTriggerConfig)

includeWLAN-Meas-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (EventTriggerConfig)

includeSensor-Meas-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (EventTriggerConfig)

]],

Name of the Sub\_IE: (EventTriggerConfig)

[[

Name of the Sub\_IE: (EventTriggerConfig)

coarseLocationRequest-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

reportQuantityRelay-r17 SL-MeasReportQuantity-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (EventTriggerConfig)

]]

Name of the Sub\_IE: (PeriodicalReportConfig)

rsType NR-RS-Type,

Name of the Sub\_IE: (PeriodicalReportConfig)

reportInterval ReportInterval,

Name of the Sub\_IE: (PeriodicalReportConfig)

reportAmount ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (PeriodicalReportConfig)

reportQuantityCell MeasReportQuantity,

Name of the Sub\_IE: (PeriodicalReportConfig)

maxReportCells INTEGER (1..maxCellReport),

Name of the Sub\_IE: (PeriodicalReportConfig)

reportQuantityRS-Indexes MeasReportQuantity OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

maxNrofRS-IndexesToReport INTEGER (1..maxNrofIndexesToReport) OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

includeBeamMeasurements BOOLEAN,

Name of the Sub\_IE: (PeriodicalReportConfig)

useAllowedCellList BOOLEAN,

Name of the Sub\_IE: (PeriodicalReportConfig)

...,

Name of the Sub\_IE: (PeriodicalReportConfig)

[[

Name of the Sub\_IE: (PeriodicalReportConfig)

measRSSI-ReportConfig-r16 MeasRSSI-ReportConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

includeCommonLocationInfo-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

includeBT-Meas-r16 SetupRelease {BT-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfig)

includeWLAN-Meas-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfig)

includeSensor-Meas-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfig)

ul-DelayValueConfig-r16 SetupRelease { UL-DelayValueConfig-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfig)

reportAddNeighMeas-r16 ENUMERATED {setup} OPTIONAL -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

]],

Name of the Sub\_IE: (PeriodicalReportConfig)

[[

Name of the Sub\_IE: (PeriodicalReportConfig)

ul-ExcessDelayConfig-r17 SetupRelease { UL-ExcessDelayConfig-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (PeriodicalReportConfig)

coarseLocationRequest-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

reportQuantityRelay-r17 SL-MeasReportQuantity-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (PeriodicalReportConfig)

]]

Name of the Sub\_IE: (NR-RS-Type)

NR-RS-Type ENUMERATED {ssb, csi-rs}

Name of the Sub\_IE: (MeasTriggerQuantity)

rsrp RSRP-Range,

Name of the Sub\_IE: (MeasTriggerQuantity)

rsrq RSRQ-Range,

Name of the Sub\_IE: (MeasTriggerQuantity)

sinr SINR-Range

Name of the Sub\_IE: (MeasTriggerQuantityOffset)

rsrp INTEGER (-30..30),

Name of the Sub\_IE: (MeasTriggerQuantityOffset)

rsrq INTEGER (-30..30),

Name of the Sub\_IE: (MeasTriggerQuantityOffset)

sinr INTEGER (-30..30)

Name of the Sub\_IE: (MeasReportQuantity)

rsrp BOOLEAN,

Name of the Sub\_IE: (MeasReportQuantity)

rsrq BOOLEAN,

Name of the Sub\_IE: (MeasReportQuantity)

sinr BOOLEAN

Name of the Sub\_IE: (MeasRSSI-ReportConfig-r16)

channelOccupancyThreshold-r16 RSSI-Range-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

eventId-r16 CHOICE {

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

eventI1-r16 SEQUENCE {

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

i1-Threshold-r16 MeasTriggerQuantityCLI-r16,

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

reportOnLeave-r16 BOOLEAN,

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

timeToTrigger-r16 TimeToTrigger

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

},

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

},

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

reportInterval-r16 ReportInterval,

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

reportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

maxReportCLI-r16 INTEGER (1..maxCLI-Report-r16),

Name of the Sub\_IE: (CLI-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (CLI-PeriodicalReportConfig-r16)

reportInterval-r16 ReportInterval,

Name of the Sub\_IE: (CLI-PeriodicalReportConfig-r16)

reportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (CLI-PeriodicalReportConfig-r16)

reportQuantityCLI-r16 MeasReportQuantityCLI-r16,

Name of the Sub\_IE: (CLI-PeriodicalReportConfig-r16)

maxReportCLI-r16 INTEGER (1..maxCLI-Report-r16),

Name of the Sub\_IE: (CLI-PeriodicalReportConfig-r16)

...

Name of the Sub\_IE: (RxTxPeriodical-r17)

rxTxReportInterval-r17 RxTxReportInterval-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (RxTxPeriodical-r17)

reportAmount-r17 ENUMERATED {r1, infinity, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (RxTxPeriodical-r17)

...

Name of the Sub\_IE: (RxTxReportInterval-r17)

RxTxReportInterval-r17 ENUMERATED {ms80,ms120,ms160,ms240,ms320,ms480,ms640,ms1024,ms1280,ms2048,ms2560,ms5120,spare4,spare3,spare2,spare1}

Name of the Sub\_IE: (MeasTriggerQuantityCLI-r16)

srs-RSRP-r16 SRS-RSRP-Range-r16,

Name of the Sub\_IE: (MeasTriggerQuantityCLI-r16)

cli-RSSI-r16 CLI-RSSI-Range-r16

Name of the Sub\_IE: (MeasReportQuantityCLI-r16)

MeasReportQuantityCLI-r16 ENUMERATED {srs-rsrp, cli-rssi}

Name of the IE: (REPORTCONFIGNR-SL)

Name of the Sub\_IE: (ReportConfigNR-SL-r16)

reportType-r16 CHOICE {

Name of the Sub\_IE: (ReportConfigNR-SL-r16)

periodical-r16 PeriodicalReportConfigNR-SL-r16,

Name of the Sub\_IE: (ReportConfigNR-SL-r16)

eventTriggered-r16 EventTriggerConfigNR-SL-r16

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

eventId-r16 CHOICE {

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

eventC1 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

c1-Threshold-r16 SL-CBR-r16,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

timeToTrigger-r16 TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

},

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

eventC2-r16 SEQUENCE {

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

c2-Threshold-r16 SL-CBR-r16,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

timeToTrigger-r16 TimeToTrigger

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

},

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

...

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

},

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

reportInterval-r16 ReportInterval,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

reportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

reportQuantity-r16 MeasReportQuantity-r16,

Name of the Sub\_IE: (EventTriggerConfigNR-SL-r16)

...

Name of the Sub\_IE: (PeriodicalReportConfigNR-SL-r16)

reportInterval-r16 ReportInterval,

Name of the Sub\_IE: (PeriodicalReportConfigNR-SL-r16)

reportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (PeriodicalReportConfigNR-SL-r16)

reportQuantity-r16 MeasReportQuantity-r16,

Name of the Sub\_IE: (PeriodicalReportConfigNR-SL-r16)

...

Name of the Sub\_IE: (MeasReportQuantity-r16)

cbr-r16 BOOLEAN,

Name of the Sub\_IE: (MeasReportQuantity-r16)

...

Name of the IE: (REPORTCONFIGTOADDMODLIST)

Name of the Sub\_IE: (ReportConfigToAddModList)

ReportConfigToAddModList SEQUENCE (SIZE (1..maxReportConfigId)) OF ReportConfigToAddMod

Name of the Sub\_IE: (ReportConfigToAddMod)

reportConfigId ReportConfigId,

Name of the Sub\_IE: (ReportConfigToAddMod)

reportConfig CHOICE {

Name of the Sub\_IE: (ReportConfigToAddMod)

reportConfigNR ReportConfigNR,

Name of the Sub\_IE: (ReportConfigToAddMod)

...,

Name of the Sub\_IE: (ReportConfigToAddMod)

reportConfigInterRAT ReportConfigInterRAT,

Name of the Sub\_IE: (ReportConfigToAddMod)

reportConfigNR-SL-r16 ReportConfigNR-SL-r16

Name of the IE: (REPORTINTERVAL)

Name of the Sub\_IE: (ReportInterval)

ReportInterval ENUMERATED {ms120, ms240, ms480, ms640, ms1024, ms2048, ms5120, ms10240, ms20480, ms40960,

Name of the Sub\_IE: (ReportInterval)

min1,min6, min12, min30 }

Name of the IE: (RESELECTIONTHRESHOLD)

Name of the IE: (RESELECTIONTHRESHOLDQ)

Name of the IE: (RESUMECAUSE)

Name of the Sub\_IE: (ResumeCause)

ResumeCause ENUMERATED {emergency, highPriorityAccess, mt-Access, mo-Signalling,

Name of the Sub\_IE: (ResumeCause)

mo-Data, mo-VoiceCall, mo-VideoCall, mo-SMS, rna-Update, mps-PriorityAccess,

Name of the Sub\_IE: (ResumeCause)

mcs-PriorityAccess, spare1, spare2, spare3, spare4, spare5 }

Name of the IE: (RLC-BEARERCONFIG)

Name of the Sub\_IE: (RLC-BearerConfig)

logicalChannelIdentity LogicalChannelIdentity,

Name of the Sub\_IE: (RLC-BearerConfig)

servedRadioBearer CHOICE {

Name of the Sub\_IE: (RLC-BearerConfig)

srb-Identity SRB-Identity,

Name of the Sub\_IE: (RLC-BearerConfig)

drb-Identity DRB-Identity

Name of the Sub\_IE: (RLC-BearerConfig)

} OPTIONAL, -- Cond LCH-SetupOnly

Name of the Sub\_IE: (RLC-BearerConfig)

reestablishRLC ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RLC-BearerConfig)

rlc-Config RLC-Config OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (RLC-BearerConfig)

mac-LogicalChannelConfig LogicalChannelConfig OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (RLC-BearerConfig)

...,

Name of the Sub\_IE: (RLC-BearerConfig)

[[

Name of the Sub\_IE: (RLC-BearerConfig)

rlc-Config-v1610 RLC-Config-v1610 OPTIONAL -- Need R

Name of the Sub\_IE: (RLC-BearerConfig)

]],

Name of the Sub\_IE: (RLC-BearerConfig)

[[

Name of the Sub\_IE: (RLC-BearerConfig)

rlc-Config-v1700 RLC-Config-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (RLC-BearerConfig)

logicalChannelIdentityExt-r17 LogicalChannelIdentityExt-r17 OPTIONAL, -- Cond LCH-SetupModMRB

Name of the Sub\_IE: (RLC-BearerConfig)

multicastRLC-BearerConfig-r17 MulticastRLC-BearerConfig-r17 OPTIONAL, -- Cond LCH-SetupOnlyMRB

Name of the Sub\_IE: (RLC-BearerConfig)

servedRadioBearerSRB4-r17 SRB-Identity-v1700 OPTIONAL -- Need N

Name of the Sub\_IE: (RLC-BearerConfig)

]]

Name of the Sub\_IE: (MulticastRLC-BearerConfig-r17)

servedMBS-RadioBearer-r17 MRB-Identity-r17,

Name of the Sub\_IE: (MulticastRLC-BearerConfig-r17)

isPTM-Entity-r17 ENUMERATED {true} OPTIONAL -- Need S

Name of the IE: (RLC-CONFIG)

Name of the Sub\_IE: (RLC-Config)

am SEQUENCE {

Name of the Sub\_IE: (RLC-Config)

ul-AM-RLC UL-AM-RLC,

Name of the Sub\_IE: (RLC-Config)

dl-AM-RLC DL-AM-RLC

Name of the Sub\_IE: (RLC-Config)

},

Name of the Sub\_IE: (RLC-Config)

um-Bi-Directional SEQUENCE {

Name of the Sub\_IE: (RLC-Config)

ul-UM-RLC UL-UM-RLC,

Name of the Sub\_IE: (RLC-Config)

dl-UM-RLC DL-UM-RLC

Name of the Sub\_IE: (RLC-Config)

},

Name of the Sub\_IE: (RLC-Config)

um-Uni-Directional-UL SEQUENCE {

Name of the Sub\_IE: (RLC-Config)

ul-UM-RLC UL-UM-RLC

Name of the Sub\_IE: (RLC-Config)

},

Name of the Sub\_IE: (RLC-Config)

um-Uni-Directional-DL SEQUENCE {

Name of the Sub\_IE: (RLC-Config)

dl-UM-RLC DL-UM-RLC

Name of the Sub\_IE: (RLC-Config)

},

Name of the Sub\_IE: (RLC-Config)

...

Name of the Sub\_IE: (UL-AM-RLC)

sn-FieldLength SN-FieldLengthAM OPTIONAL, -- Cond Reestab

Name of the Sub\_IE: (UL-AM-RLC)

t-PollRetransmit T-PollRetransmit,

Name of the Sub\_IE: (UL-AM-RLC)

pollPDU PollPDU,

Name of the Sub\_IE: (UL-AM-RLC)

pollByte PollByte,

Name of the Sub\_IE: (UL-AM-RLC)

maxRetxThreshold ENUMERATED { t1, t2, t3, t4, t6, t8, t16, t32 }

Name of the Sub\_IE: (DL-AM-RLC)

sn-FieldLength SN-FieldLengthAM OPTIONAL, -- Cond Reestab

Name of the Sub\_IE: (DL-AM-RLC)

t-Reassembly T-Reassembly,

Name of the Sub\_IE: (DL-AM-RLC)

t-StatusProhibit T-StatusProhibit

Name of the Sub\_IE: (UL-UM-RLC)

sn-FieldLength SN-FieldLengthUM OPTIONAL -- Cond Reestab

Name of the Sub\_IE: (DL-UM-RLC)

sn-FieldLength SN-FieldLengthUM OPTIONAL, -- Cond Reestab

Name of the Sub\_IE: (DL-UM-RLC)

t-Reassembly T-Reassembly

Name of the Sub\_IE: (T-PollRetransmit)

ms5, ms10, ms15, ms20, ms25, ms30, ms35,

Name of the Sub\_IE: (T-PollRetransmit)

ms40, ms45, ms50, ms55, ms60, ms65, ms70,

Name of the Sub\_IE: (T-PollRetransmit)

ms75, ms80, ms85, ms90, ms95, ms100, ms105,

Name of the Sub\_IE: (T-PollRetransmit)

ms110, ms115, ms120, ms125, ms130, ms135,

Name of the Sub\_IE: (T-PollRetransmit)

ms140, ms145, ms150, ms155, ms160, ms165,

Name of the Sub\_IE: (T-PollRetransmit)

ms170, ms175, ms180, ms185, ms190, ms195,

Name of the Sub\_IE: (T-PollRetransmit)

ms200, ms205, ms210, ms215, ms220, ms225,

Name of the Sub\_IE: (T-PollRetransmit)

ms230, ms235, ms240, ms245, ms250, ms300,

Name of the Sub\_IE: (T-PollRetransmit)

ms350, ms400, ms450, ms500, ms800, ms1000,

Name of the Sub\_IE: (T-PollRetransmit)

ms2000, ms4000, ms1-v1610, ms2-v1610, ms3-v1610,

Name of the Sub\_IE: (T-PollRetransmit)

ms4-v1610, spare1}

Name of the Sub\_IE: (PollPDU)

p4, p8, p16, p32, p64, p128, p256, p512, p1024, p2048, p4096, p6144, p8192, p12288, p16384,p20480,

Name of the Sub\_IE: (PollPDU)

p24576, p28672, p32768, p40960, p49152, p57344, p65536, infinity, spare8, spare7, spare6, spare5, spare4,

Name of the Sub\_IE: (PollPDU)

spare3, spare2, spare1}

Name of the Sub\_IE: (PollByte)

kB1, kB2, kB5, kB8, kB10, kB15, kB25, kB50, kB75,

Name of the Sub\_IE: (PollByte)

kB100, kB125, kB250, kB375, kB500, kB750, kB1000,

Name of the Sub\_IE: (PollByte)

kB1250, kB1500, kB2000, kB3000, kB4000, kB4500,

Name of the Sub\_IE: (PollByte)

kB5000, kB5500, kB6000, kB6500, kB7000, kB7500,

Name of the Sub\_IE: (PollByte)

mB8, mB9, mB10, mB11, mB12, mB13, mB14, mB15,

Name of the Sub\_IE: (PollByte)

mB16, mB17, mB18, mB20, mB25, mB30, mB40, infinity,

Name of the Sub\_IE: (PollByte)

spare20, spare19, spare18, spare17, spare16,

Name of the Sub\_IE: (PollByte)

spare15, spare14, spare13, spare12, spare11,

Name of the Sub\_IE: (PollByte)

spare10, spare9, spare8, spare7, spare6, spare5,

Name of the Sub\_IE: (PollByte)

spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (T-Reassembly)

ms0, ms5, ms10, ms15, ms20, ms25, ms30, ms35,

Name of the Sub\_IE: (T-Reassembly)

ms40, ms45, ms50, ms55, ms60, ms65, ms70,

Name of the Sub\_IE: (T-Reassembly)

ms75, ms80, ms85, ms90, ms95, ms100, ms110,

Name of the Sub\_IE: (T-Reassembly)

ms120, ms130, ms140, ms150, ms160, ms170,

Name of the Sub\_IE: (T-Reassembly)

ms180, ms190, ms200, spare1}

Name of the Sub\_IE: (T-StatusProhibit)

ms0, ms5, ms10, ms15, ms20, ms25, ms30, ms35,

Name of the Sub\_IE: (T-StatusProhibit)

ms40, ms45, ms50, ms55, ms60, ms65, ms70,

Name of the Sub\_IE: (T-StatusProhibit)

ms75, ms80, ms85, ms90, ms95, ms100, ms105,

Name of the Sub\_IE: (T-StatusProhibit)

ms110, ms115, ms120, ms125, ms130, ms135,

Name of the Sub\_IE: (T-StatusProhibit)

ms140, ms145, ms150, ms155, ms160, ms165,

Name of the Sub\_IE: (T-StatusProhibit)

ms170, ms175, ms180, ms185, ms190, ms195,

Name of the Sub\_IE: (T-StatusProhibit)

ms200, ms205, ms210, ms215, ms220, ms225,

Name of the Sub\_IE: (T-StatusProhibit)

ms230, ms235, ms240, ms245, ms250, ms300,

Name of the Sub\_IE: (T-StatusProhibit)

ms350, ms400, ms450, ms500, ms800, ms1000,

Name of the Sub\_IE: (T-StatusProhibit)

ms1200, ms1600, ms2000, ms2400, spare2, spare1}

Name of the Sub\_IE: (SN-FieldLengthUM)

SN-FieldLengthUM ENUMERATED {size6, size12}

Name of the Sub\_IE: (SN-FieldLengthAM)

SN-FieldLengthAM ENUMERATED {size12, size18}

Name of the Sub\_IE: (RLC-Config-v1610)

dl-AM-RLC-v1610 DL-AM-RLC-v1610

Name of the Sub\_IE: (RLC-Config-v1700)

dl-AM-RLC-v1700 DL-AM-RLC-v1700,

Name of the Sub\_IE: (RLC-Config-v1700)

dl-UM-RLC-v1700 DL-UM-RLC-v1700

Name of the Sub\_IE: (DL-AM-RLC-v1610)

t-StatusProhibit-v1610 T-StatusProhibit-v1610 OPTIONAL, -- Need N

Name of the Sub\_IE: (DL-AM-RLC-v1610)

...

Name of the Sub\_IE: (DL-AM-RLC-v1700)

t-ReassemblyExt-r17 T-ReassemblyExt-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (DL-UM-RLC-v1700)

t-ReassemblyExt-r17 T-ReassemblyExt-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (T-StatusProhibit-v1610)

T-StatusProhibit-v1610 ENUMERATED { ms1, ms2, ms3, ms4, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (T-ReassemblyExt-r17)

T-ReassemblyExt-r17 ENUMERATED {ms210, ms220, ms340, ms350, ms550, ms1100, ms1650, ms2200}

Name of the IE: (RLF-TIMERSANDCONSTANTS)

Name of the Sub\_IE: (RLF-TimersAndConstants)

t310 ENUMERATED {ms0, ms50, ms100, ms200, ms500, ms1000, ms2000, ms4000, ms6000},

Name of the Sub\_IE: (RLF-TimersAndConstants)

n310 ENUMERATED {n1, n2, n3, n4, n6, n8, n10, n20},

Name of the Sub\_IE: (RLF-TimersAndConstants)

n311 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10},

Name of the Sub\_IE: (RLF-TimersAndConstants)

...,

Name of the Sub\_IE: (RLF-TimersAndConstants)

[[

Name of the Sub\_IE: (RLF-TimersAndConstants)

t311 ENUMERATED {ms1000, ms3000, ms5000, ms10000, ms15000, ms20000, ms30000}

Name of the Sub\_IE: (RLF-TimersAndConstants)

]]

Name of the IE: (RNTI-VALUE)

Name of the IE: (RSRP-RANGE)

Name of the IE: (RSRQ-RANGE)

Name of the IE: (RSSI-RANGE)

Name of the IE: (RXTXTIMEDIFF)

Name of the Sub\_IE: (RxTxTimeDiff-r17)

result-k5-r17 INTEGER (0..61565) OPTIONAL, -- Need N

Name of the Sub\_IE: (RxTxTimeDiff-r17)

...

Name of the IE: (SCELLACTIVATIONRS-CONFIG)

Name of the Sub\_IE: (SCellActivationRS-Config-r17)

scellActivationRS-Id-r17 SCellActivationRS-ConfigId-r17,

Name of the Sub\_IE: (SCellActivationRS-Config-r17)

resourceSet-r17 NZP-CSI-RS-ResourceSetId,

Name of the Sub\_IE: (SCellActivationRS-Config-r17)

gapBetweenBursts-r17 INTEGER (2..31) OPTIONAL, -- Need R

Name of the Sub\_IE: (SCellActivationRS-Config-r17)

qcl-Info-r17 TCI-StateId,

Name of the Sub\_IE: (SCellActivationRS-Config-r17)

...

Name of the IE: (SCELLACTIVATIONRS-CONFIGID)

Name of the IE: (SCELLINDEX)

Name of the IE: (SCHEDULINGREQUESTCONFIG)

Name of the Sub\_IE: (SchedulingRequestConfig)

schedulingRequestToAddModList SEQUENCE (SIZE (1..maxNrofSR-ConfigPerCellGroup)) OF SchedulingRequestToAddMod

Name of the Sub\_IE: (SchedulingRequestConfig)

OPTIONAL, -- Need N

Name of the Sub\_IE: (SchedulingRequestConfig)

schedulingRequestToReleaseList SEQUENCE (SIZE (1..maxNrofSR-ConfigPerCellGroup)) OF SchedulingRequestId

Name of the Sub\_IE: (SchedulingRequestConfig)

OPTIONAL -- Need N

Name of the Sub\_IE: (SchedulingRequestToAddMod)

schedulingRequestId SchedulingRequestId,

Name of the Sub\_IE: (SchedulingRequestToAddMod)

sr-ProhibitTimer ENUMERATED {ms1, ms2, ms4, ms8, ms16, ms32, ms64, ms128} OPTIONAL, -- Need S

Name of the Sub\_IE: (SchedulingRequestToAddMod)

sr-TransMax ENUMERATED { n4, n8, n16, n32, n64, spare3, spare2, spare1}

Name of the Sub\_IE: (SchedulingRequestConfig-v1700)

schedulingRequestToAddModListExt-v1700 SEQUENCE (SIZE (1..maxNrofSR-ConfigPerCellGroup)) OF SchedulingRequestToAddModExt-v1700

Name of the Sub\_IE: (SchedulingRequestConfig-v1700)

OPTIONAL -- Need N

Name of the Sub\_IE: (SchedulingRequestToAddModExt-v1700)

sr-ProhibitTimer-v1700 ENUMERATED { ms192, ms256, ms320, ms384, ms448, ms512, ms576, ms640, ms1082, spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SchedulingRequestToAddModExt-v1700)

OPTIONAL -- Need R

Name of the IE: (SCHEDULINGREQUESTID)

Name of the IE: (SCHEDULINGREQUESTRESOURCECONFIG)

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

schedulingRequestResourceId SchedulingRequestResourceId,

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

schedulingRequestID SchedulingRequestId,

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

periodicityAndOffset CHOICE {

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sym2 NULL,

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sym6or7 NULL,

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl1 NULL, -- Recurs in every slot

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl2 INTEGER (0..1),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl4 INTEGER (0..3),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl5 INTEGER (0..4),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl8 INTEGER (0..7),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl10 INTEGER (0..9),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl16 INTEGER (0..15),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl20 INTEGER (0..19),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl40 INTEGER (0..39),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl80 INTEGER (0..79),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl160 INTEGER (0..159),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl320 INTEGER (0..319),

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

sl640 INTEGER (0..639)

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SchedulingRequestResourceConfig)

resource PUCCH-ResourceId OPTIONAL -- Need M

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1610)

phy-PriorityIndex-r16 ENUMERATED {p0, p1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1610)

...

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1700)

periodicityAndOffset-r17 CHOICE {

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1700)

sl1280 INTEGER (0..1279),

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1700)

sl2560 INTEGER (0..2559),

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1700)

sl5120 INTEGER (0..5119)

Name of the Sub\_IE: (SchedulingRequestResourceConfigExt-v1700)

} OPTIONAL -- Need M

Name of the IE: (SCHEDULINGREQUESTRESOURCEID)

Name of the IE: (SCRAMBLINGID)

Name of the IE: (SCS-SPECIFICCARRIER)

Name of the Sub\_IE: (SCS-SpecificCarrier)

offsetToCarrier INTEGER (0..2199),

Name of the Sub\_IE: (SCS-SpecificCarrier)

subcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (SCS-SpecificCarrier)

carrierBandwidth INTEGER (1..maxNrofPhysicalResourceBlocks),

Name of the Sub\_IE: (SCS-SpecificCarrier)

...,

Name of the Sub\_IE: (SCS-SpecificCarrier)

[[

Name of the Sub\_IE: (SCS-SpecificCarrier)

txDirectCurrentLocation INTEGER (0..4095) OPTIONAL -- Need S

Name of the Sub\_IE: (SCS-SpecificCarrier)

]]

Name of the IE: (SDAP-CONFIG)

Name of the Sub\_IE: (SDAP-Config)

pdu-Session PDU-SessionID,

Name of the Sub\_IE: (SDAP-Config)

sdap-HeaderDL ENUMERATED {present, absent},

Name of the Sub\_IE: (SDAP-Config)

sdap-HeaderUL ENUMERATED {present, absent},

Name of the Sub\_IE: (SDAP-Config)

defaultDRB BOOLEAN,

Name of the Sub\_IE: (SDAP-Config)

mappedQoS-FlowsToAdd SEQUENCE (SIZE (1..maxNrofQFIs)) OF QFI OPTIONAL, -- Need N

Name of the Sub\_IE: (SDAP-Config)

mappedQoS-FlowsToRelease SEQUENCE (SIZE (1..maxNrofQFIs)) OF QFI OPTIONAL, -- Need N

Name of the Sub\_IE: (SDAP-Config)

...

Name of the IE: (SEARCHSPACE)

Name of the Sub\_IE: (SearchSpace)

searchSpaceId SearchSpaceId,

Name of the Sub\_IE: (SearchSpace)

controlResourceSetId ControlResourceSetId OPTIONAL, -- Cond SetupOnly

Name of the Sub\_IE: (SearchSpace)

monitoringSlotPeriodicityAndOffset CHOICE {

Name of the Sub\_IE: (SearchSpace)

sl1 NULL,

Name of the Sub\_IE: (SearchSpace)

sl2 INTEGER (0..1),

Name of the Sub\_IE: (SearchSpace)

sl4 INTEGER (0..3),

Name of the Sub\_IE: (SearchSpace)

sl5 INTEGER (0..4),

Name of the Sub\_IE: (SearchSpace)

sl8 INTEGER (0..7),

Name of the Sub\_IE: (SearchSpace)

sl10 INTEGER (0..9),

Name of the Sub\_IE: (SearchSpace)

sl16 INTEGER (0..15),

Name of the Sub\_IE: (SearchSpace)

sl20 INTEGER (0..19),

Name of the Sub\_IE: (SearchSpace)

sl40 INTEGER (0..39),

Name of the Sub\_IE: (SearchSpace)

sl80 INTEGER (0..79),

Name of the Sub\_IE: (SearchSpace)

sl160 INTEGER (0..159),

Name of the Sub\_IE: (SearchSpace)

sl320 INTEGER (0..319),

Name of the Sub\_IE: (SearchSpace)

sl640 INTEGER (0..639),

Name of the Sub\_IE: (SearchSpace)

sl1280 INTEGER (0..1279),

Name of the Sub\_IE: (SearchSpace)

sl2560 INTEGER (0..2559)

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Cond Setup4

Name of the Sub\_IE: (SearchSpace)

duration INTEGER (2..2559) OPTIONAL, -- Need S

Name of the Sub\_IE: (SearchSpace)

monitoringSymbolsWithinSlot BIT STRING (SIZE (14)) OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SearchSpace)

nrofCandidates SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

aggregationLevel1 ENUMERATED {n0, n1, n2, n3, n4, n5, n6, n8},

Name of the Sub\_IE: (SearchSpace)

aggregationLevel2 ENUMERATED {n0, n1, n2, n3, n4, n5, n6, n8},

Name of the Sub\_IE: (SearchSpace)

aggregationLevel4 ENUMERATED {n0, n1, n2, n3, n4, n5, n6, n8},

Name of the Sub\_IE: (SearchSpace)

aggregationLevel8 ENUMERATED {n0, n1, n2, n3, n4, n5, n6, n8},

Name of the Sub\_IE: (SearchSpace)

aggregationLevel16 ENUMERATED {n0, n1, n2, n3, n4, n5, n6, n8}

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SearchSpace)

searchSpaceType CHOICE {

Name of the Sub\_IE: (SearchSpace)

common SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

dci-Format0-0-AndFormat1-0 SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

...

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-Format2-0 SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

nrofCandidates-SFI SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

aggregationLevel1 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

aggregationLevel2 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

aggregationLevel4 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

aggregationLevel8 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

aggregationLevel16 ENUMERATED {n1, n2} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpace)

},

Name of the Sub\_IE: (SearchSpace)

...

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-Format2-1 SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

...

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-Format2-2 SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

...

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-Format2-3 SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

dummy1 ENUMERATED {sl1, sl2, sl4, sl5, sl8, sl10, sl16, sl20} OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SearchSpace)

dummy2 ENUMERATED {n1, n2},

Name of the Sub\_IE: (SearchSpace)

...

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpace)

},

Name of the Sub\_IE: (SearchSpace)

ue-Specific SEQUENCE {

Name of the Sub\_IE: (SearchSpace)

dci-Formats ENUMERATED {formats0-0-And-1-0, formats0-1-And-1-1},

Name of the Sub\_IE: (SearchSpace)

...,

Name of the Sub\_IE: (SearchSpace)

[[

Name of the Sub\_IE: (SearchSpace)

dci-Formats-MT-r16 ENUMERATED {formats2-5} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-FormatsSL-r16 ENUMERATED {formats0-0-And-1-0, formats0-1-And-1-1, formats3-0, formats3-1,

Name of the Sub\_IE: (SearchSpace)

formats3-0-And-3-1} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpace)

dci-FormatsExt-r16 ENUMERATED {formats0-2-And-1-2, formats0-1-And-1-1And-0-2-And-1-2}

Name of the Sub\_IE: (SearchSpace)

OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpace)

]]

Name of the Sub\_IE: (SearchSpace)

} OPTIONAL -- Cond Setup2

Name of the Sub\_IE: (SearchSpaceExt-r16)

controlResourceSetId-r16 ControlResourceSetId-r16 OPTIONAL, -- Cond SetupOnly2

Name of the Sub\_IE: (SearchSpaceExt-r16)

searchSpaceType-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

common-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

dci-Format2-4-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

nrofCandidates-CI-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel1-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel2-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel4-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel8-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel16-r16 ENUMERATED {n1, n2} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

},

Name of the Sub\_IE: (SearchSpaceExt-r16)

...

Name of the Sub\_IE: (SearchSpaceExt-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

dci-Format2-5-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

nrofCandidates-IAB-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel1-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel2-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel4-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel8-r16 ENUMERATED {n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

aggregationLevel16-r16 ENUMERATED {n1, n2} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

},

Name of the Sub\_IE: (SearchSpaceExt-r16)

...

Name of the Sub\_IE: (SearchSpaceExt-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

dci-Format2-6-r16 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-r16)

...

Name of the Sub\_IE: (SearchSpaceExt-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

...

Name of the Sub\_IE: (SearchSpaceExt-r16)

} OPTIONAL, -- Cond Setup3

Name of the Sub\_IE: (SearchSpaceExt-r16)

searchSpaceGroupIdList-r16 SEQUENCE (SIZE (1.. 2)) OF INTEGER (0..1) OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-r16)

freqMonitorLocations-r16 BIT STRING (SIZE (5)) OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

monitoringSlotPeriodicityAndOffset-v1710 CHOICE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl32 INTEGER (0..31),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl64 INTEGER (0..63),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl128 INTEGER (0..127),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl5120 INTEGER (0..5119),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl10240 INTEGER (0..10239),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

sl20480 INTEGER (0..20479)

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Cond Setup5

Name of the Sub\_IE: (SearchSpaceExt-v1700)

monitoringSlotsWithinSlotGroup-r17 CHOICE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

slotGroupLength4-r17 BIT STRING (SIZE (4)),

Name of the Sub\_IE: (SearchSpaceExt-v1700)

slotGroupLength8-r17 BIT STRING (SIZE (8))

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

duration-r17 INTEGER (4..20476) OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

searchSpaceType-r17 SEQUENCE{

Name of the Sub\_IE: (SearchSpaceExt-v1700)

common-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

dci-Format4-0-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

...

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

dci-Format4-1-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

...

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

dci-Format4-2-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

...

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

dci-Format4-1-AndFormat4-2-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

...

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

dci-Format2-7-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

nrofCandidates-PEI-r17 SEQUENCE {

Name of the Sub\_IE: (SearchSpaceExt-v1700)

aggregationLevel4-r17 ENUMERATED {n0, n1, n2, n3, n4} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

aggregationLevel8-r17 ENUMERATED {n0, n1, n2} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

aggregationLevel16-r17 ENUMERATED {n0, n1} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

},

Name of the Sub\_IE: (SearchSpaceExt-v1700)

...

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SearchSpaceExt-v1700)

searchSpaceGroupIdList-r17 SEQUENCE (SIZE (1.. 3)) OF INTEGER (0.. maxNrofSearchSpaceGroups-1-r17) OPTIONAL, -- Cond DedicatedOnly

Name of the Sub\_IE: (SearchSpaceExt-v1700)

searchSpaceLinkingId-r17 INTEGER (0..maxNrofSearchSpacesLinks-1-r17) OPTIONAL -- Cond DedicatedOnly

Name of the IE: (SEARCHSPACEID)

Name of the IE: (SEARCHSPACEZERO)

Name of the IE: (SECURITYALGORITHMCONFIG)

Name of the Sub\_IE: (SecurityAlgorithmConfig)

cipheringAlgorithm CipheringAlgorithm,

Name of the Sub\_IE: (SecurityAlgorithmConfig)

integrityProtAlgorithm IntegrityProtAlgorithm OPTIONAL, -- Need R

Name of the Sub\_IE: (SecurityAlgorithmConfig)

...

Name of the Sub\_IE: (IntegrityProtAlgorithm)

nia0, nia1, nia2, nia3, spare4, spare3,

Name of the Sub\_IE: (IntegrityProtAlgorithm)

spare2, spare1, ...}

Name of the Sub\_IE: (CipheringAlgorithm)

nea0, nea1, nea2, nea3, spare4, spare3,

Name of the Sub\_IE: (CipheringAlgorithm)

spare2, spare1, ...}

Name of the IE: (SEMISTATICCHANNELACCESSCONFIG)

Name of the Sub\_IE: (SemiStaticChannelAccessConfig-r16)

period ENUMERATED {ms1, ms2, ms2dot5, ms4, ms5, ms10}

Name of the IE: (SEMISTATICCHANNELACCESSCONFIGUE)

Name of the Sub\_IE: (SemiStaticChannelAccessConfigUE-r17)

periodUE-r17 ENUMERATED {ms1, ms2, ms2dot5, ms4, ms5, ms10, spare2, spare1},

Name of the Sub\_IE: (SemiStaticChannelAccessConfigUE-r17)

offsetUE-r17 INTEGER (0..559)

Name of the IE: (SENSORLOCATIONINFO)

Name of the Sub\_IE: (Sensor-LocationInfo-r16)

sensor-MeasurementInformation-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (Sensor-LocationInfo-r16)

sensor-MotionInformation-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (Sensor-LocationInfo-r16)

...

Name of the IE: (SERVINGCELLANDBWP-ID)

Name of the Sub\_IE: (ServingCellAndBWP-Id-r17)

servingcell-r17 ServCellIndex,

Name of the Sub\_IE: (ServingCellAndBWP-Id-r17)

bwp-r17 BWP-Id

Name of the IE: (SERVCELLINDEX)

Name of the IE: (SERVINGCELLCONFIG)

Name of the Sub\_IE: (ServingCellConfig)

tdd-UL-DL-ConfigurationDedicated TDD-UL-DL-ConfigDedicated OPTIONAL, -- Cond TDD

Name of the Sub\_IE: (ServingCellConfig)

initialDownlinkBWP BWP-DownlinkDedicated OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

downlinkBWP-ToReleaseList SEQUENCE (SIZE (1..maxNrofBWPs)) OF BWP-Id OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfig)

downlinkBWP-ToAddModList SEQUENCE (SIZE (1..maxNrofBWPs)) OF BWP-Downlink OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfig)

firstActiveDownlinkBWP-Id BWP-Id OPTIONAL, -- Cond SyncAndCellAdd

Name of the Sub\_IE: (ServingCellConfig)

bwp-InactivityTimer ENUMERATED {ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30,

Name of the Sub\_IE: (ServingCellConfig)

ms40,ms50, ms60, ms80,ms100, ms200,ms300, ms500,

Name of the Sub\_IE: (ServingCellConfig)

ms750, ms1280, ms1920, ms2560, spare10, spare9, spare8,

Name of the Sub\_IE: (ServingCellConfig)

spare7, spare6, spare5, spare4, spare3, spare2, spare1 } OPTIONAL, --Need R

Name of the Sub\_IE: (ServingCellConfig)

defaultDownlinkBWP-Id BWP-Id OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfig)

uplinkConfig UplinkConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

supplementaryUplink UplinkConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

pdcch-ServingCellConfig SetupRelease { PDCCH-ServingCellConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

pdsch-ServingCellConfig SetupRelease { PDSCH-ServingCellConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

csi-MeasConfig SetupRelease { CSI-MeasConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

sCellDeactivationTimer ENUMERATED {ms20, ms40, ms80, ms160, ms200, ms240,

Name of the Sub\_IE: (ServingCellConfig)

ms320, ms400, ms480, ms520, ms640, ms720,

Name of the Sub\_IE: (ServingCellConfig)

ms840, ms1280, spare2,spare1} OPTIONAL, -- Cond ServingCellWithoutPUCCH

Name of the Sub\_IE: (ServingCellConfig)

crossCarrierSchedulingConfig CrossCarrierSchedulingConfig OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

tag-Id TAG-Id,

Name of the Sub\_IE: (ServingCellConfig)

dummy1 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

pathlossReferenceLinking ENUMERATED {spCell, sCell} OPTIONAL, -- Cond SCellOnly

Name of the Sub\_IE: (ServingCellConfig)

servingCellMO MeasObjectId OPTIONAL, -- Cond MeasObject

Name of the Sub\_IE: (ServingCellConfig)

...,

Name of the Sub\_IE: (ServingCellConfig)

[[

Name of the Sub\_IE: (ServingCellConfig)

lte-CRS-ToMatchAround SetupRelease { RateMatchPatternLTE-CRS } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

rateMatchPatternToAddModList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPattern OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfig)

rateMatchPatternToReleaseList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPatternId OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfig)

downlinkChannelBW-PerSCS-List SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier OPTIONAL -- Need S

Name of the Sub\_IE: (ServingCellConfig)

]],

Name of the Sub\_IE: (ServingCellConfig)

[[

Name of the Sub\_IE: (ServingCellConfig)

supplementaryUplinkRelease-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfig)

tdd-UL-DL-ConfigurationDedicated-IAB-MT-r16 TDD-UL-DL-ConfigDedicated-IAB-MT-r16 OPTIONAL, -- Cond TDD\_IAB

Name of the Sub\_IE: (ServingCellConfig)

dormantBWP-Config-r16 SetupRelease { DormantBWP-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

ca-SlotOffset-r16 CHOICE {

Name of the Sub\_IE: (ServingCellConfig)

refSCS15kHz INTEGER (-2..2),

Name of the Sub\_IE: (ServingCellConfig)

refSCS30KHz INTEGER (-5..5),

Name of the Sub\_IE: (ServingCellConfig)

refSCS60KHz INTEGER (-10..10),

Name of the Sub\_IE: (ServingCellConfig)

refSCS120KHz INTEGER (-20..20)

Name of the Sub\_IE: (ServingCellConfig)

} OPTIONAL, -- Cond AsyncCA

Name of the Sub\_IE: (ServingCellConfig)

dummy2 SetupRelease { DummyJ } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

intraCellGuardBandsDL-List-r16 SEQUENCE (SIZE (1..maxSCSs)) OF IntraCellGuardBandsPerSCS-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfig)

intraCellGuardBandsUL-List-r16 SEQUENCE (SIZE (1..maxSCSs)) OF IntraCellGuardBandsPerSCS-r16 OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfig)

csi-RS-ValidationWithDCI-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

lte-CRS-PatternList1-r16 SetupRelease { LTE-CRS-PatternList-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

lte-CRS-PatternList2-r16 SetupRelease { LTE-CRS-PatternList-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

crs-RateMatch-PerCORESETPoolIndex-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

enableTwoDefaultTCI-States-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

enableDefaultTCI-StatePerCoresetPoolIndex-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

enableBeamSwitchTiming-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

cbg-TxDiffTBsProcessingType1-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

cbg-TxDiffTBsProcessingType2-r16 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfig)

]],

Name of the Sub\_IE: (ServingCellConfig)

[[

Name of the Sub\_IE: (ServingCellConfig)

directionalCollisionHandling-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

channelAccessConfig-r16 SetupRelease { ChannelAccessConfig-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (ServingCellConfig)

]],

Name of the Sub\_IE: (ServingCellConfig)

[[

Name of the Sub\_IE: (ServingCellConfig)

nr-dl-PRS-PDC-Info-r17 SetupRelease {NR-DL-PRS-PDC-Info-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

semiStaticChannelAccessConfigUE-r17 SetupRelease {SemiStaticChannelAccessConfigUE-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

mimoParam-r17 SetupRelease {MIMOParam-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfig)

channelAccessMode2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

timeDomainHARQ-BundlingType1-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

nrofHARQ-BundlingGroups-r17 ENUMERATED {n1, n2, n4} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

fdmed-ReceptionMulticast-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

moreThanOneNackOnlyMode-r17 ENUMERATED {mode2} OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfig)

tci-ActivatedConfig-r17 TCI-ActivatedConfig-r17 OPTIONAL, -- Cond TCI\_ActivatedConfig

Name of the Sub\_IE: (ServingCellConfig)

directionalCollisionHandling-DC-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfig)

lte-NeighCellsCRS-AssistInfoList-r17 SetupRelease { LTE-NeighCellsCRS-AssistInfoList-r17 } OPTIONAL -- Need M

Name of the Sub\_IE: (ServingCellConfig)

]],

Name of the Sub\_IE: (ServingCellConfig)

[[

Name of the Sub\_IE: (ServingCellConfig)

lte-NeighCellsCRS-Assumptions-r17 ENUMERATED {false} OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfig)

]]

Name of the Sub\_IE: (UplinkConfig)

initialUplinkBWP BWP-UplinkDedicated OPTIONAL, -- Need M

Name of the Sub\_IE: (UplinkConfig)

uplinkBWP-ToReleaseList SEQUENCE (SIZE (1..maxNrofBWPs)) OF BWP-Id OPTIONAL, -- Need N

Name of the Sub\_IE: (UplinkConfig)

uplinkBWP-ToAddModList SEQUENCE (SIZE (1..maxNrofBWPs)) OF BWP-Uplink OPTIONAL, -- Need N

Name of the Sub\_IE: (UplinkConfig)

firstActiveUplinkBWP-Id BWP-Id OPTIONAL, -- Cond SyncAndCellAdd

Name of the Sub\_IE: (UplinkConfig)

pusch-ServingCellConfig SetupRelease { PUSCH-ServingCellConfig } OPTIONAL, -- Need M

Name of the Sub\_IE: (UplinkConfig)

carrierSwitching SetupRelease { SRS-CarrierSwitching } OPTIONAL, -- Need M

Name of the Sub\_IE: (UplinkConfig)

...,

Name of the Sub\_IE: (UplinkConfig)

[[

Name of the Sub\_IE: (UplinkConfig)

powerBoostPi2BPSK BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (UplinkConfig)

uplinkChannelBW-PerSCS-List SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier OPTIONAL -- Need S

Name of the Sub\_IE: (UplinkConfig)

]],

Name of the Sub\_IE: (UplinkConfig)

[[

Name of the Sub\_IE: (UplinkConfig)

enablePL-RS-UpdateForPUSCH-SRS-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (UplinkConfig)

enableDefaultBeamPL-ForPUSCH0-0-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (UplinkConfig)

enableDefaultBeamPL-ForPUCCH-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (UplinkConfig)

enableDefaultBeamPL-ForSRS-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (UplinkConfig)

uplinkTxSwitching-r16 SetupRelease { UplinkTxSwitching-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (UplinkConfig)

mpr-PowerBoost-FR2-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (UplinkConfig)

]]

Name of the Sub\_IE: (DummyJ)

maxEnergyDetectionThreshold-r16 INTEGER(-85..-52),

Name of the Sub\_IE: (DummyJ)

energyDetectionThresholdOffset-r16 INTEGER (-20..-13),

Name of the Sub\_IE: (DummyJ)

ul-toDL-COT-SharingED-Threshold-r16 INTEGER (-85..-52) OPTIONAL, -- Need R

Name of the Sub\_IE: (DummyJ)

absenceOfAnyOtherTechnology-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (ChannelAccessConfig-r16)

energyDetectionConfig-r16 CHOICE {

Name of the Sub\_IE: (ChannelAccessConfig-r16)

maxEnergyDetectionThreshold-r16 INTEGER (-85..-52),

Name of the Sub\_IE: (ChannelAccessConfig-r16)

energyDetectionThresholdOffset-r16 INTEGER (-13..20)

Name of the Sub\_IE: (ChannelAccessConfig-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (ChannelAccessConfig-r16)

ul-toDL-COT-SharingED-Threshold-r16 INTEGER (-85..-52) OPTIONAL, -- Need R

Name of the Sub\_IE: (ChannelAccessConfig-r16)

absenceOfAnyOtherTechnology-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (IntraCellGuardBandsPerSCS-r16)

guardBandSCS-r16 SubcarrierSpacing,

Name of the Sub\_IE: (IntraCellGuardBandsPerSCS-r16)

intraCellGuardBands-r16 SEQUENCE (SIZE (1..4)) OF GuardBand-r16

Name of the Sub\_IE: (GuardBand-r16)

startCRB-r16 INTEGER (0..274),

Name of the Sub\_IE: (GuardBand-r16)

nrofCRBs-r16 INTEGER (0..15)

Name of the Sub\_IE: (DormantBWP-Config-r16)

dormantBWP-Id-r16 BWP-Id OPTIONAL, -- Need M

Name of the Sub\_IE: (DormantBWP-Config-r16)

withinActiveTimeConfig-r16 SetupRelease { WithinActiveTimeConfig-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (DormantBWP-Config-r16)

outsideActiveTimeConfig-r16 SetupRelease { OutsideActiveTimeConfig-r16 } OPTIONAL -- Need M

Name of the Sub\_IE: (WithinActiveTimeConfig-r16)

firstWithinActiveTimeBWP-Id-r16 BWP-Id OPTIONAL, -- Need M

Name of the Sub\_IE: (WithinActiveTimeConfig-r16)

dormancyGroupWithinActiveTime-r16 DormancyGroupID-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (OutsideActiveTimeConfig-r16)

firstOutsideActiveTimeBWP-Id-r16 BWP-Id OPTIONAL, -- Need M

Name of the Sub\_IE: (OutsideActiveTimeConfig-r16)

dormancyGroupOutsideActiveTime-r16 DormancyGroupID-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (UplinkTxSwitching-r16)

uplinkTxSwitchingPeriodLocation-r16 BOOLEAN,

Name of the Sub\_IE: (UplinkTxSwitching-r16)

uplinkTxSwitchingCarrier-r16 ENUMERATED {carrier1, carrier2}

Name of the Sub\_IE: (MIMOParam-r17)

additionalPCI-ToAddModList-r17 SEQUENCE (SIZE(1..maxNrofAdditionalPCI-r17)) OF SSB-MTC-AdditionalPCI-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MIMOParam-r17)

additionalPCI-ToReleaseList-r17 SEQUENCE (SIZE(1..maxNrofAdditionalPCI-r17)) OF AdditionalPCIIndex-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MIMOParam-r17)

unifiedTCI-StateType-r17 ENUMERATED {separate, joint} OPTIONAL, -- Need R

Name of the Sub\_IE: (MIMOParam-r17)

uplink-PowerControlToAddModList-r17 SEQUENCE (SIZE (1..maxUL-TCI-r17)) OF Uplink-powerControl-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MIMOParam-r17)

uplink-PowerControlToReleaseList-r17 SEQUENCE (SIZE (1..maxUL-TCI-r17)) OF Uplink-powerControlId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (MIMOParam-r17)

sfnSchemePDCCH-r17 ENUMERATED {sfnSchemeA,sfnSchemeB} OPTIONAL, -- Need R

Name of the Sub\_IE: (MIMOParam-r17)

sfnSchemePDSCH-r17 ENUMERATED {sfnSchemeA,sfnSchemeB} OPTIONAL -- Need R

Name of the IE: (SERVINGCELLCONFIGCOMMON)

Name of the Sub\_IE: (ServingCellConfigCommon)

physCellId PhysCellId OPTIONAL, -- Cond HOAndServCellAdd,

Name of the Sub\_IE: (ServingCellConfigCommon)

downlinkConfigCommon DownlinkConfigCommon OPTIONAL, -- Cond HOAndServCellAdd

Name of the Sub\_IE: (ServingCellConfigCommon)

uplinkConfigCommon UplinkConfigCommon OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfigCommon)

supplementaryUplinkConfig UplinkConfigCommon OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfigCommon)

n-TimingAdvanceOffset ENUMERATED { n0, n25600, n39936 } OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfigCommon)

ssb-PositionsInBurst CHOICE {

Name of the Sub\_IE: (ServingCellConfigCommon)

shortBitmap BIT STRING (SIZE (4)),

Name of the Sub\_IE: (ServingCellConfigCommon)

mediumBitmap BIT STRING (SIZE (8)),

Name of the Sub\_IE: (ServingCellConfigCommon)

longBitmap BIT STRING (SIZE (64))

Name of the Sub\_IE: (ServingCellConfigCommon)

} OPTIONAL, -- Cond AbsFreqSSB

Name of the Sub\_IE: (ServingCellConfigCommon)

ssb-periodicityServingCell ENUMERATED { ms5, ms10, ms20, ms40, ms80, ms160, spare2, spare1 } OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfigCommon)

dmrs-TypeA-Position ENUMERATED {pos2, pos3},

Name of the Sub\_IE: (ServingCellConfigCommon)

lte-CRS-ToMatchAround SetupRelease { RateMatchPatternLTE-CRS } OPTIONAL, -- Need M

Name of the Sub\_IE: (ServingCellConfigCommon)

rateMatchPatternToAddModList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPattern OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfigCommon)

rateMatchPatternToReleaseList SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPatternId OPTIONAL, -- Need N

Name of the Sub\_IE: (ServingCellConfigCommon)

ssbSubcarrierSpacing SubcarrierSpacing OPTIONAL, -- Cond HOAndServCellWithSSB

Name of the Sub\_IE: (ServingCellConfigCommon)

tdd-UL-DL-ConfigurationCommon TDD-UL-DL-ConfigCommon OPTIONAL, -- Cond TDD

Name of the Sub\_IE: (ServingCellConfigCommon)

ss-PBCH-BlockPower INTEGER (-60..50),

Name of the Sub\_IE: (ServingCellConfigCommon)

...,

Name of the Sub\_IE: (ServingCellConfigCommon)

[[

Name of the Sub\_IE: (ServingCellConfigCommon)

channelAccessMode-r16 CHOICE {

Name of the Sub\_IE: (ServingCellConfigCommon)

dynamic NULL,

Name of the Sub\_IE: (ServingCellConfigCommon)

semiStatic SemiStaticChannelAccessConfig-r16

Name of the Sub\_IE: (ServingCellConfigCommon)

} OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (ServingCellConfigCommon)

discoveryBurstWindowLength-r16 ENUMERATED {ms0dot5, ms1, ms2, ms3, ms4, ms5} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

ssb-PositionQCL-r16 SSB-PositionQCL-Relation-r16 OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (ServingCellConfigCommon)

highSpeedConfig-r16 HighSpeedConfig-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

]],

Name of the Sub\_IE: (ServingCellConfigCommon)

[[

Name of the Sub\_IE: (ServingCellConfigCommon)

highSpeedConfig-v1700 HighSpeedConfig-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

channelAccessMode2-r17 ENUMERATED {enabled} OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (ServingCellConfigCommon)

discoveryBurstWindowLength-r17 ENUMERATED {ms0dot125, ms0dot25, ms0dot5, ms0dot75, ms1, ms1dot25} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

ssb-PositionQCL-r17 SSB-PositionQCL-Relation-r17 OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (ServingCellConfigCommon)

highSpeedConfigFR2-r17 HighSpeedConfigFR2-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

uplinkConfigCommon-v1700 UplinkConfigCommon-v1700 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

ntn-Config-r17 NTN-Config-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

]],

Name of the Sub\_IE: (ServingCellConfigCommon)

[[

Name of the Sub\_IE: (ServingCellConfigCommon)

featurePriorities-r17 SEQUENCE {

Name of the Sub\_IE: (ServingCellConfigCommon)

redCapPriority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

slicingPriority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

msg3-Repetitions-Priority-r17 FeaturePriority-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

sdt-Priority-r17 FeaturePriority-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

} OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommon)

]],

Name of the Sub\_IE: (ServingCellConfigCommon)

[[

Name of the Sub\_IE: (ServingCellConfigCommon)

ra-ChannelAccess-r17 ENUMERATED {enabled} OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (ServingCellConfigCommon)

]]

Name of the IE: (SERVINGCELLCONFIGCOMMONSIB)

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

downlinkConfigCommon DownlinkConfigCommonSIB,

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

uplinkConfigCommon UplinkConfigCommonSIB OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

supplementaryUplink UplinkConfigCommonSIB OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

n-TimingAdvanceOffset ENUMERATED { n0, n25600, n39936 } OPTIONAL, -- Need S

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

ssb-PositionsInBurst SEQUENCE {

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

inOneGroup BIT STRING (SIZE (8)),

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

groupPresence BIT STRING (SIZE (8)) OPTIONAL -- Cond FR2-Only

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

},

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

ssb-PeriodicityServingCell ENUMERATED {ms5, ms10, ms20, ms40, ms80, ms160},

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

tdd-UL-DL-ConfigurationCommon TDD-UL-DL-ConfigCommon OPTIONAL, -- Cond TDD

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

ss-PBCH-BlockPower INTEGER (-60..50),

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

...,

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

[[

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

channelAccessMode-r16 CHOICE {

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

dynamic NULL,

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

semiStatic SemiStaticChannelAccessConfig-r16

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

} OPTIONAL, -- Cond SharedSpectrum

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

discoveryBurstWindowLength-r16 ENUMERATED {ms0dot5, ms1, ms2, ms3, ms4, ms5} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

highSpeedConfig-r16 HighSpeedConfig-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

]],

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

[[

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

channelAccessMode2-r17 ENUMERATED {enabled} OPTIONAL, -- Cond SharedSpectrum2

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

discoveryBurstWindowLength-v1700 ENUMERATED {ms0dot125, ms0dot25, ms0dot5, ms0dot75, ms1, ms1dot25} OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

highSpeedConfigFR2-r17 HighSpeedConfigFR2-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

uplinkConfigCommon-v1700 UplinkConfigCommonSIB-v1700 OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

]],

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

[[

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

enhancedMeasurementLEO-r17 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

]],

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

[[

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

ra-ChannelAccess-r17 ENUMERATED {enabled} OPTIONAL -- Cond SharedSpectrum2

Name of the Sub\_IE: (ServingCellConfigCommonSIB)

]]

Name of the IE: (SHORTI-RNTI-VALUE)

Name of the IE: (SHORTMAC-I)

Name of the IE: (SINR-RANGE)

Name of the IE: (SI-REQUESTCONFIG)

Name of the Sub\_IE: (SI-RequestConfig)

rach-OccasionsSI SEQUENCE {

Name of the Sub\_IE: (SI-RequestConfig)

rach-ConfigSI RACH-ConfigGeneric,

Name of the Sub\_IE: (SI-RequestConfig)

ssb-perRACH-Occasion ENUMERATED {oneEighth, oneFourth, oneHalf, one, two, four, eight, sixteen}

Name of the Sub\_IE: (SI-RequestConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SI-RequestConfig)

si-RequestPeriod ENUMERATED {one, two, four, six, eight, ten, twelve, sixteen} OPTIONAL, -- Need R

Name of the Sub\_IE: (SI-RequestConfig)

si-RequestResources SEQUENCE (SIZE (1..maxSI-Message)) OF SI-RequestResources

Name of the Sub\_IE: (SI-RequestResources)

ra-PreambleStartIndex INTEGER (0..63),

Name of the Sub\_IE: (SI-RequestResources)

ra-AssociationPeriodIndex INTEGER (0..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (SI-RequestResources)

ra-ssb-OccasionMaskIndex INTEGER (0..15) OPTIONAL -- Need R

Name of the IE: (SI-SCHEDULINGINFO)

Name of the Sub\_IE: (SI-SchedulingInfo)

schedulingInfoList SEQUENCE (SIZE (1..maxSI-Message)) OF SchedulingInfo,

Name of the Sub\_IE: (SI-SchedulingInfo)

si-WindowLength ENUMERATED {s5, s10, s20, s40, s80, s160, s320, s640, s1280, s2560-v1710, s5120-v1710 },

Name of the Sub\_IE: (SI-SchedulingInfo)

si-RequestConfig SI-RequestConfig OPTIONAL, -- Cond MSG-1

Name of the Sub\_IE: (SI-SchedulingInfo)

si-RequestConfigSUL SI-RequestConfig OPTIONAL, -- Cond SUL-MSG-1

Name of the Sub\_IE: (SI-SchedulingInfo)

systemInformationAreaID BIT STRING (SIZE (24)) OPTIONAL, -- Need R

Name of the Sub\_IE: (SI-SchedulingInfo)

...

Name of the Sub\_IE: (SchedulingInfo)

si-BroadcastStatus ENUMERATED {broadcasting, notBroadcasting},

Name of the Sub\_IE: (SchedulingInfo)

si-Periodicity ENUMERATED {rf8, rf16, rf32, rf64, rf128, rf256, rf512},

Name of the Sub\_IE: (SchedulingInfo)

sib-MappingInfo SIB-Mapping

Name of the Sub\_IE: (SI-SchedulingInfo-v1700)

schedulingInfoList2-r17 SEQUENCE (SIZE (1..maxSI-Message)) OF SchedulingInfo2-r17,

Name of the Sub\_IE: (SI-SchedulingInfo-v1700)

dummy SI-RequestConfig OPTIONAL

Name of the Sub\_IE: (SI-SchedulingInfo-v1740)

si-RequestConfigRedCap-r17 SI-RequestConfig OPTIONAL -- Cond REDCAP-MSG-1

Name of the Sub\_IE: (SchedulingInfo2-r17)

si-BroadcastStatus-r17 ENUMERATED {broadcasting, notBroadcasting},

Name of the Sub\_IE: (SchedulingInfo2-r17)

si-WindowPosition-r17 INTEGER (1..256),

Name of the Sub\_IE: (SchedulingInfo2-r17)

si-Periodicity-r17 ENUMERATED {rf8, rf16, rf32, rf64, rf128, rf256, rf512},

Name of the Sub\_IE: (SchedulingInfo2-r17)

sib-MappingInfo-r17 SIB-Mapping-v1700

Name of the Sub\_IE: (SIB-Mapping)

SIB-Mapping SEQUENCE (SIZE (1..maxSIB)) OF SIB-TypeInfo

Name of the Sub\_IE: (SIB-Mapping-v1700)

SIB-Mapping-v1700 SEQUENCE (SIZE (1..maxSIB)) OF SIB-TypeInfo-v1700

Name of the Sub\_IE: (SIB-TypeInfo)

type ENUMERATED {sibType2, sibType3, sibType4, sibType5, sibType6, sibType7, sibType8, sibType9,

Name of the Sub\_IE: (SIB-TypeInfo)

sibType10-v1610, sibType11-v1610, sibType12-v1610, sibType13-v1610,

Name of the Sub\_IE: (SIB-TypeInfo)

sibType14-v1610, spare3, spare2, spare1,... },

Name of the Sub\_IE: (SIB-TypeInfo)

valueTag INTEGER (0..31) OPTIONAL, -- Cond SIB-TYPE

Name of the Sub\_IE: (SIB-TypeInfo)

areaScope ENUMERATED {true} OPTIONAL -- Need S

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

sibType-r17 CHOICE {

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

type1-r17 ENUMERATED {sibType15, sibType16, sibType17, sibType18, sibType19, sibType20, sibType21,

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

spare9, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1,...},

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

type2-r17 SEQUENCE {

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

posSibType-r17 ENUMERATED {posSibType1-9, posSibType1-10, posSibType2-24, posSibType2-25,

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

posSibType6-4, posSibType6-5, posSibType6-6, spare9, spare8, spare7, spare6,

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

spare5, spare4, spare3, spare2, spare1,...},

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

encrypted-r17 ENUMERATED { true } OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

gnss-id-r17 GNSS-ID-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

sbas-id-r17 SBAS-ID-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

},

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

valueTag-r17 INTEGER (0..31) OPTIONAL, -- Cond NonPosSIB

Name of the Sub\_IE: (SIB-TypeInfo-v1700)

areaScope-r17 ENUMERATED {true} OPTIONAL -- Need S

Name of the IE: (SKCOUNTER)

Name of the IE: (SLOTFORMATCOMBINATIONSPERCELL)

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

servingCellId ServCellIndex,

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

subcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

subcarrierSpacing2 SubcarrierSpacing OPTIONAL, -- Need R

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

slotFormatCombinations SEQUENCE (SIZE (1..maxNrofSlotFormatCombinationsPerSet)) OF SlotFormatCombination

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

OPTIONAL, -- Need M

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

positionInDCI INTEGER(0..maxSFI-DCI-PayloadSize-1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

...,

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

[[

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

enableConfiguredUL-r16 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (SlotFormatCombinationsPerCell)

]]

Name of the Sub\_IE: (SlotFormatCombination)

slotFormatCombinationId SlotFormatCombinationId,

Name of the Sub\_IE: (SlotFormatCombination)

slotFormats SEQUENCE (SIZE (1..maxNrofSlotFormatsPerCombination)) OF INTEGER (0..255)

Name of the IE: (SLOTFORMATINDICATOR)

Name of the Sub\_IE: (SlotFormatIndicator)

sfi-RNTI RNTI-Value,

Name of the Sub\_IE: (SlotFormatIndicator)

dci-PayloadSize INTEGER (1..maxSFI-DCI-PayloadSize),

Name of the Sub\_IE: (SlotFormatIndicator)

slotFormatCombToAddModList SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF SlotFormatCombinationsPerCell

Name of the Sub\_IE: (SlotFormatIndicator)

OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

slotFormatCombToReleaseList SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF ServCellIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

...,

Name of the Sub\_IE: (SlotFormatIndicator)

[[

Name of the Sub\_IE: (SlotFormatIndicator)

availableRB-SetsToAddModList-r16 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF AvailableRB-SetsPerCell-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

availableRB-SetsToReleaseList-r16 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF ServCellIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

switchTriggerToAddModList-r16 SEQUENCE (SIZE(1..4)) OF SearchSpaceSwitchTrigger-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

switchTriggerToReleaseList-r16 SEQUENCE (SIZE(1..4)) OF ServCellIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

co-DurationsPerCellToAddModList-r16 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF CO-DurationsPerCell-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

co-DurationsPerCellToReleaseList-r16 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF ServCellIndex OPTIONAL -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

]],

Name of the Sub\_IE: (SlotFormatIndicator)

[[

Name of the Sub\_IE: (SlotFormatIndicator)

switchTriggerToAddModListSizeExt-r16 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroupMinus4-r16)) OF

Name of the Sub\_IE: (SlotFormatIndicator)

SearchSpaceSwitchTrigger-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

switchTriggerToReleaseListSizeExt-r16 SEQUENCE (SIZE(1.. maxNrofAggregatedCellsPerCellGroupMinus4-r16)) OF

Name of the Sub\_IE: (SlotFormatIndicator)

ServCellIndex OPTIONAL -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

]],

Name of the Sub\_IE: (SlotFormatIndicator)

[[

Name of the Sub\_IE: (SlotFormatIndicator)

co-DurationsPerCellToAddModList-r17 SEQUENCE (SIZE(1..maxNrofAggregatedCellsPerCellGroup)) OF CO-DurationsPerCell-r17 OPTIONAL -- Need N

Name of the Sub\_IE: (SlotFormatIndicator)

]]

Name of the Sub\_IE: (CO-DurationsPerCell-r16)

servingCellId-r16 ServCellIndex,

Name of the Sub\_IE: (CO-DurationsPerCell-r16)

positionInDCI-r16 INTEGER(0..maxSFI-DCI-PayloadSize-1),

Name of the Sub\_IE: (CO-DurationsPerCell-r16)

subcarrierSpacing-r16 SubcarrierSpacing,

Name of the Sub\_IE: (CO-DurationsPerCell-r16)

co-DurationList-r16 SEQUENCE (SIZE(1..64)) OF CO-Duration-r16

Name of the Sub\_IE: (CO-DurationsPerCell-r17)

servingCellId-r17 ServCellIndex,

Name of the Sub\_IE: (CO-DurationsPerCell-r17)

positionInDCI-r17 INTEGER(0..maxSFI-DCI-PayloadSize-1),

Name of the Sub\_IE: (CO-DurationsPerCell-r17)

subcarrierSpacing-r17 SubcarrierSpacing,

Name of the Sub\_IE: (CO-DurationsPerCell-r17)

co-DurationList-r17 SEQUENCE (SIZE(1..64)) OF CO-Duration-r17

Name of the Sub\_IE: (AvailableRB-SetsPerCell-r16)

servingCellId-r16 ServCellIndex,

Name of the Sub\_IE: (AvailableRB-SetsPerCell-r16)

positionInDCI-r16 INTEGER(0..maxSFI-DCI-PayloadSize-1)

Name of the Sub\_IE: (SearchSpaceSwitchTrigger-r16)

servingCellId-r16 ServCellIndex,

Name of the Sub\_IE: (SearchSpaceSwitchTrigger-r16)

positionInDCI-r16 INTEGER(0..maxSFI-DCI-PayloadSize-1)

Name of the IE: (S-NSSAI)

Name of the Sub\_IE: (S-NSSAI)

sst BIT STRING (SIZE (8)),

Name of the Sub\_IE: (S-NSSAI)

sst-SD BIT STRING (SIZE (32))

Name of the IE: (SPEEDSTATESCALEFACTORS)

Name of the Sub\_IE: (SpeedStateScaleFactors)

sf-Medium ENUMERATED {oDot25, oDot5, oDot75, lDot0},

Name of the Sub\_IE: (SpeedStateScaleFactors)

sf-High ENUMERATED {oDot25, oDot5, oDot75, lDot0}

Name of the IE: (SPS-CONFIG)

Name of the Sub\_IE: (SPS-Config)

periodicity ENUMERATED {ms10, ms20, ms32, ms40, ms64, ms80, ms128, ms160, ms320, ms640,

Name of the Sub\_IE: (SPS-Config)

spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (SPS-Config)

nrofHARQ-Processes INTEGER (1..8),

Name of the Sub\_IE: (SPS-Config)

n1PUCCH-AN PUCCH-ResourceId OPTIONAL, -- Need M

Name of the Sub\_IE: (SPS-Config)

mcs-Table ENUMERATED {qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (SPS-Config)

...,

Name of the Sub\_IE: (SPS-Config)

[[

Name of the Sub\_IE: (SPS-Config)

sps-ConfigIndex-r16 SPS-ConfigIndex-r16 OPTIONAL, -- Cond SPS-List

Name of the Sub\_IE: (SPS-Config)

harq-ProcID-Offset-r16 INTEGER (0..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

periodicityExt-r16 INTEGER (1..5120) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

harq-CodebookID-r16 INTEGER (1..2) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

pdsch-AggregationFactor-r16 ENUMERATED {n1, n2, n4, n8 } OPTIONAL -- Need S

Name of the Sub\_IE: (SPS-Config)

]],

Name of the Sub\_IE: (SPS-Config)

[[

Name of the Sub\_IE: (SPS-Config)

sps-HARQ-Deferral-r17 INTEGER (1..32) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

n1PUCCH-AN-PUCCHsSCell-r17 PUCCH-ResourceId OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

periodicityExt-r17 INTEGER (1..40960) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

nrofHARQ-Processes-v1710 INTEGER(9..32) OPTIONAL, -- Need R

Name of the Sub\_IE: (SPS-Config)

harq-ProcID-Offset-v1700 INTEGER (16..31) OPTIONAL -- Need R

Name of the Sub\_IE: (SPS-Config)

]]

Name of the IE: (SPS-CONFIGINDEX)

Name of the IE: (SPS-PUCCH-AN)

Name of the Sub\_IE: (SPS-PUCCH-AN-r16)

sps-PUCCH-AN-ResourceID-r16 PUCCH-ResourceId,

Name of the Sub\_IE: (SPS-PUCCH-AN-r16)

maxPayloadSize-r16 INTEGER (4..256) OPTIONAL -- Need R

Name of the IE: (SPS-PUCCH-AN-LIST)

Name of the Sub\_IE: (SPS-PUCCH-AN-List-r16)

SPS-PUCCH-AN-List-r16 SEQUENCE (SIZE(1..4)) OF SPS-PUCCH-AN-r16

Name of the IE: (SRB-IDENTITY)

Name of the IE: (SRS-CARRIERSWITCHING)

Name of the Sub\_IE: (SRS-CarrierSwitching)

srs-SwitchFromServCellIndex INTEGER (0..31) OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-CarrierSwitching)

srs-SwitchFromCarrier ENUMERATED {sUL, nUL},

Name of the Sub\_IE: (SRS-CarrierSwitching)

srs-TPC-PDCCH-Group CHOICE {

Name of the Sub\_IE: (SRS-CarrierSwitching)

typeA SEQUENCE (SIZE (1..32)) OF SRS-TPC-PDCCH-Config,

Name of the Sub\_IE: (SRS-CarrierSwitching)

typeB SRS-TPC-PDCCH-Config

Name of the Sub\_IE: (SRS-CarrierSwitching)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-CarrierSwitching)

monitoringCells SEQUENCE (SIZE (1..maxNrofServingCells)) OF ServCellIndex OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-CarrierSwitching)

...

Name of the Sub\_IE: (SRS-TPC-PDCCH-Config)

srs-CC-SetIndexlist SEQUENCE (SIZE(1..4)) OF SRS-CC-SetIndex OPTIONAL -- Need M

Name of the Sub\_IE: (SRS-CC-SetIndex)

cc-SetIndex INTEGER (0..3) OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-CC-SetIndex)

cc-IndexInOneCC-Set INTEGER (0..7) OPTIONAL -- Need M

Name of the IE: (SRS-CONFIG)

Name of the Sub\_IE: (SRS-Config)

srs-ResourceSetToReleaseList SEQUENCE (SIZE(1..maxNrofSRS-ResourceSets)) OF SRS-ResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-ResourceSetToAddModList SEQUENCE (SIZE(1..maxNrofSRS-ResourceSets)) OF SRS-ResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-ResourceToReleaseList SEQUENCE (SIZE(1..maxNrofSRS-Resources)) OF SRS-ResourceId OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-ResourceToAddModList SEQUENCE (SIZE(1..maxNrofSRS-Resources)) OF SRS-Resource OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

tpc-Accumulation ENUMERATED {disabled} OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-Config)

...,

Name of the Sub\_IE: (SRS-Config)

[[

Name of the Sub\_IE: (SRS-Config)

srs-RequestDCI-1-2-r16 INTEGER (1..2) OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-Config)

srs-RequestDCI-0-2-r16 INTEGER (1..2) OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-Config)

srs-ResourceSetToAddModListDCI-0-2-r16 SEQUENCE (SIZE(1..maxNrofSRS-ResourceSets)) OF SRS-ResourceSet OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-ResourceSetToReleaseListDCI-0-2-r16 SEQUENCE (SIZE(1..maxNrofSRS-ResourceSets)) OF SRS-ResourceSetId OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-PosResourceSetToReleaseList-r16 SEQUENCE (SIZE(1..maxNrofSRS-PosResourceSets-r16)) OF SRS-PosResourceSetId-r16

Name of the Sub\_IE: (SRS-Config)

OPTIONAL, -- Need N

Name of the Sub\_IE: (SRS-Config)

srs-PosResourceSetToAddModList-r16 SEQUENCE (SIZE(1..maxNrofSRS-PosResourceSets-r16)) OF SRS-PosResourceSet-r16 OPTIONAL,-- Need N

Name of the Sub\_IE: (SRS-Config)

srs-PosResourceToReleaseList-r16 SEQUENCE (SIZE(1..maxNrofSRS-PosResources-r16)) OF SRS-PosResourceId-r16 OPTIONAL,-- Need N

Name of the Sub\_IE: (SRS-Config)

srs-PosResourceToAddModList-r16 SEQUENCE (SIZE(1..maxNrofSRS-PosResources-r16)) OF SRS-PosResource-r16 OPTIONAL -- Need N

Name of the Sub\_IE: (SRS-Config)

]]

Name of the Sub\_IE: (SRS-ResourceSet)

srs-ResourceSetId SRS-ResourceSetId,

Name of the Sub\_IE: (SRS-ResourceSet)

srs-ResourceIdList SEQUENCE (SIZE(1..maxNrofSRS-ResourcesPerSet)) OF SRS-ResourceId OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SRS-ResourceSet)

resourceType CHOICE {

Name of the Sub\_IE: (SRS-ResourceSet)

aperiodic SEQUENCE {

Name of the Sub\_IE: (SRS-ResourceSet)

aperiodicSRS-ResourceTrigger INTEGER (1..maxNrofSRS-TriggerStates-1),

Name of the Sub\_IE: (SRS-ResourceSet)

csi-RS NZP-CSI-RS-ResourceId OPTIONAL, -- Cond NonCodebook

Name of the Sub\_IE: (SRS-ResourceSet)

slotOffset INTEGER (1..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-ResourceSet)

...,

Name of the Sub\_IE: (SRS-ResourceSet)

[[

Name of the Sub\_IE: (SRS-ResourceSet)

aperiodicSRS-ResourceTriggerList SEQUENCE (SIZE(1..maxNrofSRS-TriggerStates-2))

Name of the Sub\_IE: (SRS-ResourceSet)

OF INTEGER (1..maxNrofSRS-TriggerStates-1) OPTIONAL -- Need M

Name of the Sub\_IE: (SRS-ResourceSet)

]]

Name of the Sub\_IE: (SRS-ResourceSet)

},

Name of the Sub\_IE: (SRS-ResourceSet)

semi-persistent SEQUENCE {

Name of the Sub\_IE: (SRS-ResourceSet)

associatedCSI-RS NZP-CSI-RS-ResourceId OPTIONAL, -- Cond NonCodebook

Name of the Sub\_IE: (SRS-ResourceSet)

...

Name of the Sub\_IE: (SRS-ResourceSet)

},

Name of the Sub\_IE: (SRS-ResourceSet)

periodic SEQUENCE {

Name of the Sub\_IE: (SRS-ResourceSet)

associatedCSI-RS NZP-CSI-RS-ResourceId OPTIONAL, -- Cond NonCodebook

Name of the Sub\_IE: (SRS-ResourceSet)

...

Name of the Sub\_IE: (SRS-ResourceSet)

},

Name of the Sub\_IE: (SRS-ResourceSet)

usage ENUMERATED {beamManagement, codebook, nonCodebook, antennaSwitching},

Name of the Sub\_IE: (SRS-ResourceSet)

alpha Alpha OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-ResourceSet)

p0 INTEGER (-202..24) OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SRS-ResourceSet)

pathlossReferenceRS PathlossReferenceRS-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-ResourceSet)

srs-PowerControlAdjustmentStates ENUMERATED { sameAsFci2, separateClosedLoop} OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-ResourceSet)

...,

Name of the Sub\_IE: (SRS-ResourceSet)

[[

Name of the Sub\_IE: (SRS-ResourceSet)

pathlossReferenceRSList-r16 SetupRelease { PathlossReferenceRSList-r16} OPTIONAL -- Need M

Name of the Sub\_IE: (SRS-ResourceSet)

]],

Name of the Sub\_IE: (SRS-ResourceSet)

[[

Name of the Sub\_IE: (SRS-ResourceSet)

usagePDC-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-ResourceSet)

availableSlotOffsetList-r17 SEQUENCE (SIZE(1..4)) OF AvailableSlotOffset-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-ResourceSet)

followUnifiedTCI-StateSRS-r17 ENUMERATED {enabled} OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-ResourceSet)

]]

Name of the Sub\_IE: (PathlossReferenceRS-Config)

ssb-Index SSB-Index,

Name of the Sub\_IE: (PathlossReferenceRS-Config)

csi-RS-Index NZP-CSI-RS-ResourceId

Name of the Sub\_IE: (PathlossReferenceRSList-r16)

PathlossReferenceRSList-r16 SEQUENCE (SIZE (1..maxNrofSRS-PathlossReferenceRS-r16)) OF PathlossReferenceRS-r16

Name of the Sub\_IE: (PathlossReferenceRS-r16)

srs-PathlossReferenceRS-Id-r16 SRS-PathlossReferenceRS-Id-r16,

Name of the Sub\_IE: (PathlossReferenceRS-r16)

pathlossReferenceRS-r16 PathlossReferenceRS-Config

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

srs-PosResourceSetId-r16 SRS-PosResourceSetId-r16,

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

srs-PosResourceIdList-r16 SEQUENCE (SIZE(1..maxNrofSRS-ResourcesPerSet)) OF SRS-PosResourceId-r16

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

resourceType-r16 CHOICE {

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

aperiodic-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

aperiodicSRS-ResourceTriggerList-r16 SEQUENCE (SIZE(1..maxNrofSRS-TriggerStates-1))

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

OF INTEGER (1..maxNrofSRS-TriggerStates-1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

...

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

},

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

semi-persistent-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

...

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

},

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

periodic-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

...

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

},

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

alpha-r16 Alpha OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

p0-r16 INTEGER (-202..24) OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

pathlossReferenceRS-Pos-r16 CHOICE {

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

ssb-IndexServing-r16 SSB-Index,

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

ssb-Ncell-r16 SSB-InfoNcell-r16,

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

dl-PRS-r16 DL-PRS-Info-r16

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-PosResourceSet-r16)

...

Name of the Sub\_IE: (SRS-Resource)

srs-ResourceId SRS-ResourceId,

Name of the Sub\_IE: (SRS-Resource)

nrofSRS-Ports ENUMERATED {port1, ports2, ports4},

Name of the Sub\_IE: (SRS-Resource)

ptrs-PortIndex ENUMERATED {n0, n1 } OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

transmissionComb CHOICE {

Name of the Sub\_IE: (SRS-Resource)

n2 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

combOffset-n2 INTEGER (0..1),

Name of the Sub\_IE: (SRS-Resource)

cyclicShift-n2 INTEGER (0..7)

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

n4 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

combOffset-n4 INTEGER (0..3),

Name of the Sub\_IE: (SRS-Resource)

cyclicShift-n4 INTEGER (0..11)

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

resourceMapping SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

startPosition INTEGER (0..5),

Name of the Sub\_IE: (SRS-Resource)

nrofSymbols ENUMERATED {n1, n2, n4},

Name of the Sub\_IE: (SRS-Resource)

repetitionFactor ENUMERATED {n1, n2, n4}

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

freqDomainPosition INTEGER (0..67),

Name of the Sub\_IE: (SRS-Resource)

freqDomainShift INTEGER (0..268),

Name of the Sub\_IE: (SRS-Resource)

freqHopping SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

c-SRS INTEGER (0..63),

Name of the Sub\_IE: (SRS-Resource)

b-SRS INTEGER (0..3),

Name of the Sub\_IE: (SRS-Resource)

b-hop INTEGER (0..3)

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

groupOrSequenceHopping ENUMERATED { neither, groupHopping, sequenceHopping },

Name of the Sub\_IE: (SRS-Resource)

resourceType CHOICE {

Name of the Sub\_IE: (SRS-Resource)

aperiodic SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

...

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

semi-persistent SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

periodicityAndOffset-sp SRS-PeriodicityAndOffset,

Name of the Sub\_IE: (SRS-Resource)

...

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

periodic SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

periodicityAndOffset-p SRS-PeriodicityAndOffset,

Name of the Sub\_IE: (SRS-Resource)

...

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

sequenceId INTEGER (0..1023),

Name of the Sub\_IE: (SRS-Resource)

spatialRelationInfo SRS-SpatialRelationInfo OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

...,

Name of the Sub\_IE: (SRS-Resource)

[[

Name of the Sub\_IE: (SRS-Resource)

resourceMapping-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

startPosition-r16 INTEGER (0..13),

Name of the Sub\_IE: (SRS-Resource)

nrofSymbols-r16 ENUMERATED {n1, n2, n4},

Name of the Sub\_IE: (SRS-Resource)

repetitionFactor-r16 ENUMERATED {n1, n2, n4}

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-Resource)

]],

Name of the Sub\_IE: (SRS-Resource)

[[

Name of the Sub\_IE: (SRS-Resource)

spatialRelationInfo-PDC-r17 SetupRelease { SpatialRelationInfo-PDC-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SRS-Resource)

resourceMapping-r17 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

startPosition-r17 INTEGER (0..13),

Name of the Sub\_IE: (SRS-Resource)

nrofSymbols-r17 ENUMERATED {n1, n2, n4, n8, n10, n12, n14},

Name of the Sub\_IE: (SRS-Resource)

repetitionFactor-r17 ENUMERATED {n1, n2, n4, n5, n6, n7, n8, n10, n12, n14}

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

partialFreqSounding-r17 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

startRBIndexFScaling-r17 CHOICE{

Name of the Sub\_IE: (SRS-Resource)

startRBIndexAndFreqScalingFactor2-r17 INTEGER (0..1),

Name of the Sub\_IE: (SRS-Resource)

startRBIndexAndFreqScalingFactor4-r17 INTEGER (0..3)

Name of the Sub\_IE: (SRS-Resource)

},

Name of the Sub\_IE: (SRS-Resource)

enableStartRBHopping-r17 ENUMERATED {enable} OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

transmissionComb-n8-r17 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

combOffset-n8-r17 INTEGER (0..7),

Name of the Sub\_IE: (SRS-Resource)

cyclicShift-n8-r17 INTEGER (0..5)

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

srs-TCI-State-r17 CHOICE {

Name of the Sub\_IE: (SRS-Resource)

srs-UL-TCI-State TCI-UL-StateId-r17,

Name of the Sub\_IE: (SRS-Resource)

srs-DLorJointTCI-State TCI-StateId

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-Resource)

]],

Name of the Sub\_IE: (SRS-Resource)

[[

Name of the Sub\_IE: (SRS-Resource)

repetitionFactor-v1730 ENUMERATED {n3} OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-Resource)

srs-DLorJointTCI-State-v1730 SEQUENCE {

Name of the Sub\_IE: (SRS-Resource)

cellAndBWP-r17 ServingCellAndBWP-Id-r17

Name of the Sub\_IE: (SRS-Resource)

} OPTIONAL -- Cond DLorJointTCI-SRS

Name of the Sub\_IE: (SRS-Resource)

]]

Name of the Sub\_IE: (SRS-PosResource-r16)

srs-PosResourceId-r16 SRS-PosResourceId-r16,

Name of the Sub\_IE: (SRS-PosResource-r16)

transmissionComb-r16 CHOICE {

Name of the Sub\_IE: (SRS-PosResource-r16)

n2-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

combOffset-n2-r16 INTEGER (0..1),

Name of the Sub\_IE: (SRS-PosResource-r16)

cyclicShift-n2-r16 INTEGER (0..7)

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

n4-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

combOffset-n4-r16 INTEGER (0..3),

Name of the Sub\_IE: (SRS-PosResource-r16)

cyclicShift-n4-r16 INTEGER (0..11)

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

n8-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

combOffset-n8-r16 INTEGER (0..7),

Name of the Sub\_IE: (SRS-PosResource-r16)

cyclicShift-n8-r16 INTEGER (0..5)

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

...

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

resourceMapping-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

startPosition-r16 INTEGER (0..13),

Name of the Sub\_IE: (SRS-PosResource-r16)

nrofSymbols-r16 ENUMERATED {n1, n2, n4, n8, n12}

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

freqDomainShift-r16 INTEGER (0..268),

Name of the Sub\_IE: (SRS-PosResource-r16)

freqHopping-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

c-SRS-r16 INTEGER (0..63),

Name of the Sub\_IE: (SRS-PosResource-r16)

...

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

groupOrSequenceHopping-r16 ENUMERATED { neither, groupHopping, sequenceHopping },

Name of the Sub\_IE: (SRS-PosResource-r16)

resourceType-r16 CHOICE {

Name of the Sub\_IE: (SRS-PosResource-r16)

aperiodic-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

slotOffset-r16 INTEGER (1..32) OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-PosResource-r16)

...

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

semi-persistent-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

periodicityAndOffset-sp-r16 SRS-PeriodicityAndOffset-r16,

Name of the Sub\_IE: (SRS-PosResource-r16)

...,

Name of the Sub\_IE: (SRS-PosResource-r16)

[[

Name of the Sub\_IE: (SRS-PosResource-r16)

periodicityAndOffset-sp-Ext-r16 SRS-PeriodicityAndOffsetExt-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-PosResource-r16)

]]

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

periodic-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-PosResource-r16)

periodicityAndOffset-p-r16 SRS-PeriodicityAndOffset-r16,

Name of the Sub\_IE: (SRS-PosResource-r16)

...,

Name of the Sub\_IE: (SRS-PosResource-r16)

[[

Name of the Sub\_IE: (SRS-PosResource-r16)

periodicityAndOffset-p-Ext-r16 SRS-PeriodicityAndOffsetExt-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-PosResource-r16)

]]

Name of the Sub\_IE: (SRS-PosResource-r16)

},

Name of the Sub\_IE: (SRS-PosResource-r16)

sequenceId-r16 INTEGER (0..65535),

Name of the Sub\_IE: (SRS-PosResource-r16)

spatialRelationInfoPos-r16 SRS-SpatialRelationInfoPos-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-PosResource-r16)

...

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

servingCellId ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

referenceSignal CHOICE {

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

ssb-Index SSB-Index,

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

csi-RS-Index NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

srs SEQUENCE {

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

resourceId SRS-ResourceId,

Name of the Sub\_IE: (SRS-SpatialRelationInfo)

uplinkBWP BWP-Id

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

servingRS-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

servingCellId ServCellIndex OPTIONAL, -- Need S

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

referenceSignal-r16 CHOICE {

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

ssb-IndexServing-r16 SSB-Index,

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

csi-RS-IndexServing-r16 NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

srs-SpatialRelation-r16 SEQUENCE {

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

resourceSelection-r16 CHOICE {

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

srs-ResourceId-r16 SRS-ResourceId,

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

srs-PosResourceId-r16 SRS-PosResourceId-r16

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

},

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

uplinkBWP-r16 BWP-Id

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

},

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

ssb-Ncell-r16 SSB-InfoNcell-r16,

Name of the Sub\_IE: (SRS-SpatialRelationInfoPos-r16)

dl-PRS-r16 DL-PRS-Info-r16

Name of the Sub\_IE: (SSB-Configuration-r16)

ssb-Freq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (SSB-Configuration-r16)

halfFrameIndex-r16 ENUMERATED {zero, one},

Name of the Sub\_IE: (SSB-Configuration-r16)

ssbSubcarrierSpacing-r16 SubcarrierSpacing,

Name of the Sub\_IE: (SSB-Configuration-r16)

ssb-Periodicity-r16 ENUMERATED { ms5, ms10, ms20, ms40, ms80, ms160, spare2,spare1 } OPTIONAL, -- Need S

Name of the Sub\_IE: (SSB-Configuration-r16)

sfn0-Offset-r16 SEQUENCE {

Name of the Sub\_IE: (SSB-Configuration-r16)

sfn-Offset-r16 INTEGER (0..1023),

Name of the Sub\_IE: (SSB-Configuration-r16)

integerSubframeOffset-r16 INTEGER (0..9) OPTIONAL -- Need R

Name of the Sub\_IE: (SSB-Configuration-r16)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (SSB-Configuration-r16)

sfn-SSB-Offset-r16 INTEGER (0..15),

Name of the Sub\_IE: (SSB-Configuration-r16)

ss-PBCH-BlockPower-r16 INTEGER (-60..50) OPTIONAL -- Cond Pathloss

Name of the Sub\_IE: (SSB-InfoNcell-r16)

physicalCellId-r16 PhysCellId,

Name of the Sub\_IE: (SSB-InfoNcell-r16)

ssb-IndexNcell-r16 SSB-Index OPTIONAL, -- Need S

Name of the Sub\_IE: (SSB-InfoNcell-r16)

ssb-Configuration-r16 SSB-Configuration-r16 OPTIONAL -- Need S

Name of the Sub\_IE: (DL-PRS-Info-r16)

dl-PRS-ID-r16 INTEGER (0..255),

Name of the Sub\_IE: (DL-PRS-Info-r16)

dl-PRS-ResourceSetId-r16 INTEGER (0..7),

Name of the Sub\_IE: (DL-PRS-Info-r16)

dl-PRS-ResourceId-r16 INTEGER (0..63) OPTIONAL -- Need S

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl1 NULL,

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl2 INTEGER(0..1),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl4 INTEGER(0..3),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl5 INTEGER(0..4),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl8 INTEGER(0..7),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl10 INTEGER(0..9),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl16 INTEGER(0..15),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl20 INTEGER(0..19),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl32 INTEGER(0..31),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl40 INTEGER(0..39),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl64 INTEGER(0..63),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl80 INTEGER(0..79),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl160 INTEGER(0..159),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl320 INTEGER(0..319),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl640 INTEGER(0..639),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl1280 INTEGER(0..1279),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset)

sl2560 INTEGER(0..2559)

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl1 NULL,

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl2 INTEGER(0..1),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl4 INTEGER(0..3),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl5 INTEGER(0..4),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl8 INTEGER(0..7),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl10 INTEGER(0..9),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl16 INTEGER(0..15),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl20 INTEGER(0..19),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl32 INTEGER(0..31),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl40 INTEGER(0..39),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl64 INTEGER(0..63),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl80 INTEGER(0..79),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl160 INTEGER(0..159),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl320 INTEGER(0..319),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl640 INTEGER(0..639),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl1280 INTEGER(0..1279),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl2560 INTEGER(0..2559),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl5120 INTEGER(0..5119),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl10240 INTEGER(0..10239),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl40960 INTEGER(0..40959),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

sl81920 INTEGER(0..81919),

Name of the Sub\_IE: (SRS-PeriodicityAndOffset-r16)

...

Name of the Sub\_IE: (SRS-PeriodicityAndOffsetExt-r16)

sl128 INTEGER(0..127),

Name of the Sub\_IE: (SRS-PeriodicityAndOffsetExt-r16)

sl256 INTEGER(0..255),

Name of the Sub\_IE: (SRS-PeriodicityAndOffsetExt-r16)

sl512 INTEGER(0..511),

Name of the Sub\_IE: (SRS-PeriodicityAndOffsetExt-r16)

sl20480 INTEGER(0..20479)

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

referenceSignal CHOICE {

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

ssb-Index SSB-Index,

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

csi-RS-Index NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

dl-PRS-PDC NR-DL-PRS-ResourceID-r17,

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

srs SEQUENCE {

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

resourceId SRS-ResourceId,

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

uplinkBWP BWP-Id

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

},

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

...

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

},

Name of the Sub\_IE: (SpatialRelationInfo-PDC-r17)

...

Name of the IE: (SRS-RSRP-RANGE)

Name of the IE: (SRS-TPC-COMMANDCONFIG)

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

startingBitOfFormat2-3 INTEGER (1..31) OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

fieldTypeFormat2-3 INTEGER (0..1) OPTIONAL, -- Need R

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

...,

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

[[

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

startingBitOfFormat2-3SUL INTEGER (1..31) OPTIONAL -- Need R

Name of the Sub\_IE: (SRS-TPC-CommandConfig)

]]

Name of the IE: (SSB-INDEX)

Name of the IE: (SSB-MTC)

Name of the Sub\_IE: (SSB-MTC)

periodicityAndOffset CHOICE {

Name of the Sub\_IE: (SSB-MTC)

sf5 INTEGER (0..4),

Name of the Sub\_IE: (SSB-MTC)

sf10 INTEGER (0..9),

Name of the Sub\_IE: (SSB-MTC)

sf20 INTEGER (0..19),

Name of the Sub\_IE: (SSB-MTC)

sf40 INTEGER (0..39),

Name of the Sub\_IE: (SSB-MTC)

sf80 INTEGER (0..79),

Name of the Sub\_IE: (SSB-MTC)

sf160 INTEGER (0..159)

Name of the Sub\_IE: (SSB-MTC)

},

Name of the Sub\_IE: (SSB-MTC)

duration ENUMERATED { sf1, sf2, sf3, sf4, sf5 }

Name of the Sub\_IE: (SSB-MTC2)

pci-List SEQUENCE (SIZE (1..maxNrofPCIsPerSMTC)) OF PhysCellId OPTIONAL, -- Need M

Name of the Sub\_IE: (SSB-MTC2)

periodicity ENUMERATED {sf5, sf10, sf20, sf40, sf80, spare3, spare2, spare1}

Name of the Sub\_IE: (SSB-MTC2-LP-r16)

pci-List SEQUENCE (SIZE (1..maxNrofPCIsPerSMTC)) OF PhysCellId OPTIONAL, -- Need R

Name of the Sub\_IE: (SSB-MTC2-LP-r16)

periodicity ENUMERATED {sf10, sf20, sf40, sf80, sf160, spare3, spare2, spare1}

Name of the Sub\_IE: (SSB-MTC3-r16)

periodicityAndOffset-r16 CHOICE {

Name of the Sub\_IE: (SSB-MTC3-r16)

sf5-r16 INTEGER (0..4),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf10-r16 INTEGER (0..9),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf20-r16 INTEGER (0..19),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf40-r16 INTEGER (0..39),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf80-r16 INTEGER (0..79),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf160-r16 INTEGER (0..159),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf320-r16 INTEGER (0..319),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf640-r16 INTEGER (0..639),

Name of the Sub\_IE: (SSB-MTC3-r16)

sf1280-r16 INTEGER (0..1279)

Name of the Sub\_IE: (SSB-MTC3-r16)

},

Name of the Sub\_IE: (SSB-MTC3-r16)

duration-r16 ENUMERATED {sf1, sf2, sf3, sf4, sf5},

Name of the Sub\_IE: (SSB-MTC3-r16)

pci-List-r16 SEQUENCE (SIZE (1..maxNrofPCIsPerSMTC)) OF PhysCellId OPTIONAL, -- Need M

Name of the Sub\_IE: (SSB-MTC3-r16)

ssb-ToMeasure-r16 SetupRelease { SSB-ToMeasure } OPTIONAL -- Need M

Name of the Sub\_IE: (SSB-MTC4-r17)

pci-List-r17 SEQUENCE (SIZE (1..maxNrofPCIsPerSMTC)) OF PhysCellId OPTIONAL, -- Need M

Name of the Sub\_IE: (SSB-MTC4-r17)

offset-r17 INTEGER (0..159)

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

additionalPCIIndex-r17 AdditionalPCIIndex-r17,

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

additionalPCI-r17 PhysCellId,

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

periodicity-r17 ENUMERATED { ms5, ms10, ms20, ms40, ms80, ms160, spare2, spare1 },

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

ssb-PositionsInBurst-r17 CHOICE {

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

shortBitmap BIT STRING (SIZE (4)),

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

mediumBitmap BIT STRING (SIZE (8)),

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

longBitmap BIT STRING (SIZE (64))

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

},

Name of the Sub\_IE: (SSB-MTC-AdditionalPCI-r17)

ss-PBCH-BlockPower-r17 INTEGER (-60..50)

Name of the IE: (SSB-POSITIONQCL-RELATION)

Name of the Sub\_IE: (SSB-PositionQCL-Relation-r16)

SSB-PositionQCL-Relation-r16 ENUMERATED {n1,n2,n4,n8}

Name of the Sub\_IE: (SSB-PositionQCL-Relation-r17)

SSB-PositionQCL-Relation-r17 ENUMERATED {n32, n64}

Name of the IE: (SSB-TOMEASURE)

Name of the Sub\_IE: (SSB-ToMeasure)

shortBitmap BIT STRING (SIZE (4)),

Name of the Sub\_IE: (SSB-ToMeasure)

mediumBitmap BIT STRING (SIZE (8)),

Name of the Sub\_IE: (SSB-ToMeasure)

longBitmap BIT STRING (SIZE (64))

Name of the IE: (SS-RSSI-MEASUREMENT)

Name of the Sub\_IE: (SS-RSSI-Measurement)

measurementSlots BIT STRING (SIZE (1..80)),

Name of the Sub\_IE: (SS-RSSI-Measurement)

endSymbol INTEGER(0..3)

Name of the IE: (SUBCARRIERSPACING)

Name of the Sub\_IE: (SubcarrierSpacing)

SubcarrierSpacing ENUMERATED {kHz15, kHz30, kHz60, kHz120, kHz240, kHz480-v1700, kHz960-v1700, spare1}

Name of the IE: (TAG-CONFIG)

Name of the Sub\_IE: (TAG-Config)

tag-ToReleaseList SEQUENCE (SIZE (1..maxNrofTAGs)) OF TAG-Id OPTIONAL, -- Need N

Name of the Sub\_IE: (TAG-Config)

tag-ToAddModList SEQUENCE (SIZE (1..maxNrofTAGs)) OF TAG OPTIONAL -- Need N

Name of the Sub\_IE: (TAG)

tag-Id TAG-Id,

Name of the Sub\_IE: (TAG)

timeAlignmentTimer TimeAlignmentTimer,

Name of the Sub\_IE: (TAG)

...

Name of the IE: (TAR-CONFIG)

Name of the Sub\_IE: (TAR-Config-r17)

offsetThresholdTA-r17 ENUMERATED {ms0dot5, ms1, ms2, ms3, ms4, ms5, ms6 ,ms7, ms8, ms9, ms10, ms11, ms12,

Name of the Sub\_IE: (TAR-Config-r17)

ms13, ms14, ms15, spare13, spare12, spare11, spare10, spare9, spare8, spare7,

Name of the Sub\_IE: (TAR-Config-r17)

spare6, spare5, spare4, spare3, spare2, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (TAR-Config-r17)

timingAdvanceSR-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (TAR-Config-r17)

...

Name of the IE: (TCI-ACTIVATEDCONFIG)

Name of the Sub\_IE: (TCI-ActivatedConfig-r17)

pdcch-TCI-r17 SEQUENCE (SIZE (1..5)) OF TCI-StateId,

Name of the Sub\_IE: (TCI-ActivatedConfig-r17)

pdsch-TCI-r17 BIT STRING (SIZE (1..maxNrofTCI-States))

Name of the IE: (TCI-STATE)

Name of the Sub\_IE: (TCI-State)

tci-StateId TCI-StateId,

Name of the Sub\_IE: (TCI-State)

qcl-Type1 QCL-Info,

Name of the Sub\_IE: (TCI-State)

qcl-Type2 QCL-Info OPTIONAL, -- Need R

Name of the Sub\_IE: (TCI-State)

...,

Name of the Sub\_IE: (TCI-State)

[[

Name of the Sub\_IE: (TCI-State)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (TCI-State)

pathlossReferenceRS-Id-r17 PathlossReferenceRS-Id-r17 OPTIONAL, -- Cond JointTCI1

Name of the Sub\_IE: (TCI-State)

ul-powerControl-r17 Uplink-powerControlId-r17 OPTIONAL -- Cond JointTCI

Name of the Sub\_IE: (TCI-State)

]]

Name of the Sub\_IE: (QCL-Info)

cell ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (QCL-Info)

bwp-Id BWP-Id OPTIONAL, -- Cond CSI-RS-Indicated

Name of the Sub\_IE: (QCL-Info)

referenceSignal CHOICE {

Name of the Sub\_IE: (QCL-Info)

csi-rs NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (QCL-Info)

ssb SSB-Index

Name of the Sub\_IE: (QCL-Info)

},

Name of the Sub\_IE: (QCL-Info)

qcl-Type ENUMERATED {typeA, typeB, typeC, typeD},

Name of the Sub\_IE: (QCL-Info)

...

Name of the IE: (TCI-STATEID)

Name of the IE: (TCI-UL-STATE)

Name of the Sub\_IE: (TCI-UL-State-r17)

tci-UL-StateId-r17 TCI-UL-StateId-r17,

Name of the Sub\_IE: (TCI-UL-State-r17)

servingCellId-r17 ServCellIndex OPTIONAL, -- Need R

Name of the Sub\_IE: (TCI-UL-State-r17)

bwp-Id-r17 BWP-Id OPTIONAL, -- Cond CSI-RSorSRS-Indicated

Name of the Sub\_IE: (TCI-UL-State-r17)

referenceSignal-r17 CHOICE {

Name of the Sub\_IE: (TCI-UL-State-r17)

ssb-Index-r17 SSB-Index,

Name of the Sub\_IE: (TCI-UL-State-r17)

csi-RS-Index-r17 NZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (TCI-UL-State-r17)

srs-r17 SRS-ResourceId

Name of the Sub\_IE: (TCI-UL-State-r17)

},

Name of the Sub\_IE: (TCI-UL-State-r17)

additionalPCI-r17 AdditionalPCIIndex-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (TCI-UL-State-r17)

ul-powerControl-r17 Uplink-powerControlId-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (TCI-UL-State-r17)

pathlossReferenceRS-Id-r17 PathlossReferenceRS-Id-r17 OPTIONAL, -- Cond Mandatory

Name of the Sub\_IE: (TCI-UL-State-r17)

...

Name of the IE: (TCI-UL-STATEID)

Name of the IE: (TDD-UL-DL-CONFIGCOMMON)

Name of the Sub\_IE: (TDD-UL-DL-ConfigCommon)

referenceSubcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (TDD-UL-DL-ConfigCommon)

pattern1 TDD-UL-DL-Pattern,

Name of the Sub\_IE: (TDD-UL-DL-ConfigCommon)

pattern2 TDD-UL-DL-Pattern OPTIONAL, -- Need R

Name of the Sub\_IE: (TDD-UL-DL-ConfigCommon)

...

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

dl-UL-TransmissionPeriodicity ENUMERATED {ms0p5, ms0p625, ms1, ms1p25, ms2, ms2p5, ms5, ms10},

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

nrofDownlinkSlots INTEGER (0..maxNrofSlots),

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

nrofDownlinkSymbols INTEGER (0..maxNrofSymbols-1),

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

nrofUplinkSlots INTEGER (0..maxNrofSlots),

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

nrofUplinkSymbols INTEGER (0..maxNrofSymbols-1),

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

...,

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

[[

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

dl-UL-TransmissionPeriodicity-v1530 ENUMERATED {ms3, ms4} OPTIONAL -- Need R

Name of the Sub\_IE: (TDD-UL-DL-Pattern)

]]

Name of the IE: (TDD-UL-DL-CONFIGDEDICATED)

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated)

slotSpecificConfigurationsToAddModList SEQUENCE (SIZE (1..maxNrofSlots)) OF TDD-UL-DL-SlotConfig OPTIONAL, -- Need N

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated)

slotSpecificConfigurationsToReleaseList SEQUENCE (SIZE (1..maxNrofSlots)) OF TDD-UL-DL-SlotIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated)

...

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated-IAB-MT-r16)

slotSpecificConfigurationsToAddModList-IAB-MT-r16 SEQUENCE (SIZE (1..maxNrofSlots)) OF TDD-UL-DL-SlotConfig-IAB-MT-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated-IAB-MT-r16)

slotSpecificConfigurationsToReleaseList-IAB-MT-r16 SEQUENCE (SIZE (1..maxNrofSlots)) OF TDD-UL-DL-SlotIndex OPTIONAL, -- Need N

Name of the Sub\_IE: (TDD-UL-DL-ConfigDedicated-IAB-MT-r16)

...

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

slotIndex TDD-UL-DL-SlotIndex,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

symbols CHOICE {

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

allDownlink NULL,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

allUplink NULL,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

explicit SEQUENCE {

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

nrofDownlinkSymbols INTEGER (1..maxNrofSymbols-1) OPTIONAL, -- Need S

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig)

nrofUplinkSymbols INTEGER (1..maxNrofSymbols-1) OPTIONAL -- Need S

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

slotIndex-r16 TDD-UL-DL-SlotIndex,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

symbols-IAB-MT-r16 CHOICE {

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

allDownlink-r16 NULL,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

allUplink-r16 NULL,

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

explicit-r16 SEQUENCE {

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

nrofDownlinkSymbols-r16 INTEGER (1..maxNrofSymbols-1) OPTIONAL, -- Need S

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

nrofUplinkSymbols-r16 INTEGER (1..maxNrofSymbols-1) OPTIONAL -- Need S

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

},

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

explicit-IAB-MT-r16 SEQUENCE {

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

nrofDownlinkSymbols-r16 INTEGER (1..maxNrofSymbols-1) OPTIONAL, -- Need S

Name of the Sub\_IE: (TDD-UL-DL-SlotConfig-IAB-MT-r16)

nrofUplinkSymbols-r16 INTEGER (1..maxNrofSymbols-1) OPTIONAL -- Need S

Name of the IE: (TRACKINGAREACODE)

Name of the IE: (TRESELECTION)

Name of the IE: (TIMEALIGNMENTTIMER)

Name of the Sub\_IE: (TimeAlignmentTimer)

TimeAlignmentTimer ENUMERATED {ms500, ms750, ms1280, ms1920, ms2560, ms5120, ms10240, infinity}

Name of the IE: (TIMETOTRIGGER)

Name of the Sub\_IE: (TimeToTrigger)

ms0, ms40, ms64, ms80, ms100, ms128, ms160, ms256,

Name of the Sub\_IE: (TimeToTrigger)

ms320, ms480, ms512, ms640, ms1024, ms1280, ms2560,

Name of the Sub\_IE: (TimeToTrigger)

ms5120}

Name of the IE: (UAC-BARRINGINFOSETINDEX)

Name of the IE: (UAC-BARRINGINFOSETLIST)

Name of the Sub\_IE: (UAC-BarringInfoSetList)

UAC-BarringInfoSetList SEQUENCE (SIZE(1..maxBarringInfoSet)) OF UAC-BarringInfoSet

Name of the Sub\_IE: (UAC-BarringInfoSetList-v1700)

UAC-BarringInfoSetList-v1700 SEQUENCE (SIZE(1..maxBarringInfoSet)) OF UAC-BarringInfoSet-v1700

Name of the Sub\_IE: (UAC-BarringInfoSet)

uac-BarringFactor ENUMERATED {p00, p05, p10, p15, p20, p25, p30, p40,

Name of the Sub\_IE: (UAC-BarringInfoSet)

p50, p60, p70, p75, p80, p85, p90, p95},

Name of the Sub\_IE: (UAC-BarringInfoSet)

uac-BarringTime ENUMERATED {s4, s8, s16, s32, s64, s128, s256, s512},

Name of the Sub\_IE: (UAC-BarringInfoSet)

uac-BarringForAccessIdentity BIT STRING (SIZE(7))

Name of the Sub\_IE: (UAC-BarringInfoSet-v1700)

uac-BarringFactorForAI3-r17 ENUMERATED {p00, p05, p10, p15, p20, p25, p30, p40, p50, p60, p70, p75, p80, p85, p90, p95}

Name of the Sub\_IE: (UAC-BarringInfoSet-v1700)

OPTIONAL -- Need S

Name of the IE: (UAC-BARRINGPERCATLIST)

Name of the Sub\_IE: (UAC-BarringPerCatList)

UAC-BarringPerCatList SEQUENCE (SIZE (1..maxAccessCat-1)) OF UAC-BarringPerCat

Name of the Sub\_IE: (UAC-BarringPerCat)

accessCategory INTEGER (1..maxAccessCat-1),

Name of the Sub\_IE: (UAC-BarringPerCat)

uac-barringInfoSetIndex UAC-BarringInfoSetIndex

Name of the IE: (UAC-BARRINGPERPLMN-LIST)

Name of the Sub\_IE: (UAC-BarringPerPLMN-List)

UAC-BarringPerPLMN-List SEQUENCE (SIZE (1.. maxPLMN)) OF UAC-BarringPerPLMN

Name of the Sub\_IE: (UAC-BarringPerPLMN)

plmn-IdentityIndex INTEGER (1..maxPLMN),

Name of the Sub\_IE: (UAC-BarringPerPLMN)

uac-ACBarringListType CHOICE{

Name of the Sub\_IE: (UAC-BarringPerPLMN)

uac-ImplicitACBarringList SEQUENCE (SIZE(maxAccessCat-1)) OF UAC-BarringInfoSetIndex,

Name of the Sub\_IE: (UAC-BarringPerPLMN)

uac-ExplicitACBarringList UAC-BarringPerCatList

Name of the Sub\_IE: (UAC-BarringPerPLMN)

} OPTIONAL -- Need S

Name of the IE: (UE-TIMERSANDCONSTANTS)

Name of the Sub\_IE: (UE-TimersAndConstants)

t300 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000},

Name of the Sub\_IE: (UE-TimersAndConstants)

t301 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000},

Name of the Sub\_IE: (UE-TimersAndConstants)

t310 ENUMERATED {ms0, ms50, ms100, ms200, ms500, ms1000, ms2000},

Name of the Sub\_IE: (UE-TimersAndConstants)

n310 ENUMERATED {n1, n2, n3, n4, n6, n8, n10, n20},

Name of the Sub\_IE: (UE-TimersAndConstants)

t311 ENUMERATED {ms1000, ms3000, ms5000, ms10000, ms15000, ms20000, ms30000},

Name of the Sub\_IE: (UE-TimersAndConstants)

n311 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10},

Name of the Sub\_IE: (UE-TimersAndConstants)

t319 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000},

Name of the Sub\_IE: (UE-TimersAndConstants)

...

Name of the IE: (UE-TIMERSANDCONSTANTSREMOTEUE)

Name of the Sub\_IE: (UE-TimersAndConstantsRemoteUE-r17)

t300-RemoteUE-r17 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL, -- Need S

Name of the Sub\_IE: (UE-TimersAndConstantsRemoteUE-r17)

t301-RemoteUE-r17 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL, -- Need S

Name of the Sub\_IE: (UE-TimersAndConstantsRemoteUE-r17)

t319-RemoteUE-r17 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL, -- Need S

Name of the Sub\_IE: (UE-TimersAndConstantsRemoteUE-r17)

...

Name of the IE: (ULDELAYVALUECONFIG)

Name of the Sub\_IE: (UL-DelayValueConfig-r16)

delay-DRBlist-r16 SEQUENCE (SIZE(1..maxDRB)) OF DRB-Identity

Name of the IE: (ULEXCESSDELAYCONFIG)

Name of the Sub\_IE: (UL-ExcessDelayConfig-r17)

excessDelay-DRBlist-r17 SEQUENCE (SIZE(1..maxDRB)) OF ExcessDelay-DRB-IdentityInfo-r17

Name of the Sub\_IE: (ExcessDelay-DRB-IdentityInfo-r17)

drb-IdentityList SEQUENCE (SIZE (1..maxDRB)) OF DRB-Identity,

Name of the Sub\_IE: (ExcessDelay-DRB-IdentityInfo-r17)

delayThreshold ENUMERATED {ms0dot25, ms0dot5, ms1, ms2, ms4, ms5, ms10, ms20, ms30, ms40, ms50, ms60, ms70,

Name of the Sub\_IE: (ExcessDelay-DRB-IdentityInfo-r17)

ms80, ms90, ms100, ms150, ms300, ms500}

Name of the IE: (UL-GAPFR2-CONFIG)

Name of the Sub\_IE: (UL-GapFR2-Config-r17)

gapOffset-r17 INTEGER (0..159),

Name of the Sub\_IE: (UL-GapFR2-Config-r17)

ugl-r17 ENUMERATED {ms0dot125, ms0dot25, ms0dot5, ms1},

Name of the Sub\_IE: (UL-GapFR2-Config-r17)

ugrp-r17 ENUMERATED {ms5, ms20, ms40, ms160},

Name of the Sub\_IE: (UL-GapFR2-Config-r17)

refFR2-ServCellAsyncCA-r17 ServCellIndex OPTIONAL -- Cond AsyncCA

Name of the IE: (UPLINKCANCELLATION)

Name of the Sub\_IE: (UplinkCancellation-r16)

ci-RNTI-r16 RNTI-Value,

Name of the Sub\_IE: (UplinkCancellation-r16)

dci-PayloadSizeForCI-r16 INTEGER (0..maxCI-DCI-PayloadSize-r16),

Name of the Sub\_IE: (UplinkCancellation-r16)

ci-ConfigurationPerServingCell-r16 SEQUENCE (SIZE (1..maxNrofServingCells)) OF CI-ConfigurationPerServingCell-r16,

Name of the Sub\_IE: (UplinkCancellation-r16)

...

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

servingCellId ServCellIndex,

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

positionInDCI-r16 INTEGER (0..maxCI-DCI-PayloadSize-1-r16),

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

positionInDCI-ForSUL-r16 INTEGER (0..maxCI-DCI-PayloadSize-1-r16) OPTIONAL, -- Cond SUL-Only

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

ci-PayloadSize-r16 ENUMERATED {n1, n2, n4, n5, n7, n8, n10, n14, n16, n20, n28, n32, n35, n42, n56, n112},

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

timeFrequencyRegion-r16 SEQUENCE {

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

timeDurationForCI-r16 ENUMERATED {n2, n4, n7, n14} OPTIONAL, -- Cond SymbolPeriodicity

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

timeGranularityForCI-r16 ENUMERATED {n1, n2, n4, n7, n14, n28},

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

frequencyRegionForCI-r16 INTEGER (0..37949),

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

deltaOffset-r16 INTEGER (0..2),

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

...

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

},

Name of the Sub\_IE: (CI-ConfigurationPerServingCell-r16)

uplinkCancellationPriority-v1610 ENUMERATED {enabled} OPTIONAL -- Need S

Name of the IE: (UPLINKCONFIGCOMMON)

Name of the Sub\_IE: (UplinkConfigCommon)

frequencyInfoUL FrequencyInfoUL OPTIONAL, -- Cond InterFreqHOAndServCellAdd

Name of the Sub\_IE: (UplinkConfigCommon)

initialUplinkBWP BWP-UplinkCommon OPTIONAL, -- Cond ServCellAdd

Name of the Sub\_IE: (UplinkConfigCommon)

dummy TimeAlignmentTimer

Name of the Sub\_IE: (UplinkConfigCommon-v1700)

initialUplinkBWP-RedCap-r17 BWP-UplinkCommon OPTIONAL -- Need R

Name of the IE: (UPLINKCONFIGCOMMONSIB)

Name of the Sub\_IE: (UplinkConfigCommonSIB)

frequencyInfoUL FrequencyInfoUL-SIB,

Name of the Sub\_IE: (UplinkConfigCommonSIB)

initialUplinkBWP BWP-UplinkCommon,

Name of the Sub\_IE: (UplinkConfigCommonSIB)

timeAlignmentTimerCommon TimeAlignmentTimer

Name of the Sub\_IE: (UplinkConfigCommonSIB-v1700)

initialUplinkBWP-RedCap-r17 BWP-UplinkCommon OPTIONAL -- Need R

Name of the IE: (UPLINK-POWERCONTROL)

Name of the Sub\_IE: (Uplink-powerControl-r17)

ul-powercontrolId-r17 Uplink-powerControlId-r17,

Name of the Sub\_IE: (Uplink-powerControl-r17)

p0AlphaSetforPUSCH-r17 P0AlphaSet-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (Uplink-powerControl-r17)

p0AlphaSetforPUCCH-r17 P0AlphaSet-r17 OPTIONAL, -- Need R

Name of the Sub\_IE: (Uplink-powerControl-r17)

p0AlphaSetforSRS-r17 P0AlphaSet-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (P0AlphaSet-r17)

p0-r17 INTEGER (-16..15) OPTIONAL, -- Need R

Name of the Sub\_IE: (P0AlphaSet-r17)

alpha-r17 Alpha OPTIONAL, -- Need S

Name of the Sub\_IE: (P0AlphaSet-r17)

closedLoopIndex-r17 ENUMERATED { i0, i1 }

Name of the IE: (UURELAYRLCCHANNELCONFIG)

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

uu-LogicalChannelIdentity-r17 LogicalChannelIdentity OPTIONAL, -- Cond RelayLCH-SetupOnly

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

uu-RelayRLC-ChannelID-r17 Uu-RelayRLC-ChannelID-r17,

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

reestablishRLC-r17 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

rlc-Config-r17 RLC-Config OPTIONAL, -- Cond RelayLCH-Setup

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

mac-LogicalChannelConfig-r17 LogicalChannelConfig OPTIONAL, -- Cond RelayLCH-Setup

Name of the Sub\_IE: (Uu-RelayRLC-ChannelConfig-r17)

...

Name of the IE: (UURELAYRLCCHANNELID)

Name of the IE: (UPLINKTXDIRECTCURRENTLIST)

Name of the Sub\_IE: (UplinkTxDirectCurrentList)

UplinkTxDirectCurrentList SEQUENCE (SIZE (1..maxNrofServingCells)) OF UplinkTxDirectCurrentCell

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

servCellIndex ServCellIndex,

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

uplinkDirectCurrentBWP SEQUENCE (SIZE (1..maxNrofBWPs)) OF UplinkTxDirectCurrentBWP,

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

...,

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

[[

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

uplinkDirectCurrentBWP-SUL SEQUENCE (SIZE (1..maxNrofBWPs)) OF UplinkTxDirectCurrentBWP OPTIONAL

Name of the Sub\_IE: (UplinkTxDirectCurrentCell)

]]

Name of the Sub\_IE: (UplinkTxDirectCurrentBWP)

bwp-Id BWP-Id,

Name of the Sub\_IE: (UplinkTxDirectCurrentBWP)

shift7dot5kHz BOOLEAN,

Name of the Sub\_IE: (UplinkTxDirectCurrentBWP)

txDirectCurrentLocation INTEGER (0..3301)

Name of the IE: (UPLINKTXDIRECTCURRENTMORECARRIERLIST)

Name of the Sub\_IE: (UplinkTxDirectCurrentMoreCarrierList-r17)

UplinkTxDirectCurrentMoreCarrierList-r17 SEQUENCE (SIZE (1..maxNrofCC-Group-r17)) OF CC-Group-r17

Name of the Sub\_IE: (CC-Group-r17)

servCellIndexLower-r17 ServCellIndex,

Name of the Sub\_IE: (CC-Group-r17)

servCellIndexHigher-r17 ServCellIndex OPTIONAL,

Name of the Sub\_IE: (CC-Group-r17)

defaultDC-Location-r17 DefaultDC-Location-r17,

Name of the Sub\_IE: (CC-Group-r17)

offsetToDefault-r17 CHOICE{

Name of the Sub\_IE: (CC-Group-r17)

offsetValue OffsetValue-r17,

Name of the Sub\_IE: (CC-Group-r17)

offsetlist SEQUENCE (SIZE(1..maxNrofReqComDC-Location-r17)) OF OffsetValue-r17

Name of the Sub\_IE: (CC-Group-r17)

} OPTIONAL

Name of the Sub\_IE: (OffsetValue-r17)

offsetValue-r17 INTEGER (-20000.. 20000),

Name of the Sub\_IE: (OffsetValue-r17)

shift7dot5kHz-r17 BOOLEAN

Name of the Sub\_IE: (DefaultDC-Location-r17)

ul FrequencyComponent-r17,

Name of the Sub\_IE: (DefaultDC-Location-r17)

dl FrequencyComponent-r17,

Name of the Sub\_IE: (DefaultDC-Location-r17)

ulAndDL FrequencyComponent-r17

Name of the Sub\_IE: (FrequencyComponent-r17)

FrequencyComponent-r17 ENUMERATED {activeCarrier,configuredCarrier,activeBWP,configuredBWP}

Name of the IE: (UPLINKTXDIRECTCURRENTTWOCARRIERLIST)

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrierList-r16)

UplinkTxDirectCurrentTwoCarrierList-r16 SEQUENCE (SIZE (1..maxNrofTxDC-TwoCarrier-r16)) OF UplinkTxDirectCurrentTwoCarrier-r16

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrier-r16)

carrierOneInfo-r16 UplinkTxDirectCurrentCarrierInfo-r16,

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrier-r16)

carrierTwoInfo-r16 UplinkTxDirectCurrentCarrierInfo-r16,

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrier-r16)

singlePA-TxDirectCurrent-r16 UplinkTxDirectCurrentTwoCarrierInfo-r16,

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrier-r16)

secondPA-TxDirectCurrent-r16 UplinkTxDirectCurrentTwoCarrierInfo-r16 OPTIONAL

Name of the Sub\_IE: (UplinkTxDirectCurrentCarrierInfo-r16)

servCellIndex-r16 ServCellIndex,

Name of the Sub\_IE: (UplinkTxDirectCurrentCarrierInfo-r16)

servCellInfo-r16 CHOICE {

Name of the Sub\_IE: (UplinkTxDirectCurrentCarrierInfo-r16)

bwp-Id-r16 BWP-Id,

Name of the Sub\_IE: (UplinkTxDirectCurrentCarrierInfo-r16)

deactivatedCarrier-r16 ENUMERATED {deactivated}

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrierInfo-r16)

referenceCarrierIndex-r16 ServCellIndex,

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrierInfo-r16)

shift7dot5kHz-r16 BOOLEAN,

Name of the Sub\_IE: (UplinkTxDirectCurrentTwoCarrierInfo-r16)

txDirectCurrentLocation-r16 INTEGER (0..3301)

Name of the IE: (ZP-CSI-RS-RESOURCE)

Name of the Sub\_IE: (ZP-CSI-RS-Resource)

zp-CSI-RS-ResourceId ZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (ZP-CSI-RS-Resource)

resourceMapping CSI-RS-ResourceMapping,

Name of the Sub\_IE: (ZP-CSI-RS-Resource)

periodicityAndOffset CSI-ResourcePeriodicityAndOffset OPTIONAL, --Cond PeriodicOrSemiPersistent

Name of the Sub\_IE: (ZP-CSI-RS-Resource)

...

Name of the IE: (ZP-CSI-RS-RESOURCESET)

Name of the Sub\_IE: (ZP-CSI-RS-ResourceSet)

zp-CSI-RS-ResourceSetId ZP-CSI-RS-ResourceSetId,

Name of the Sub\_IE: (ZP-CSI-RS-ResourceSet)

zp-CSI-RS-ResourceIdList SEQUENCE (SIZE(1..maxNrofZP-CSI-RS-ResourcesPerSet)) OF ZP-CSI-RS-ResourceId,

Name of the Sub\_IE: (ZP-CSI-RS-ResourceSet)

...

Name of the IE: (ZP-CSI-RS-RESOURCESETID)

Name of the IE: (ACCESSSTRATUMRELEASE)

Name of the Sub\_IE: (AccessStratumRelease)

rel15, rel16, rel17, spare5, spare4, spare3, spare2, spare1, ... }

Name of the IE: (APPLAYERMEASPARAMETERS)

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

qoe-Streaming-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

qoe-MTSI-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

qoe-VR-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

ran-VisibleQoE-Streaming-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

ran-VisibleQoE-VR-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

ul-MeasurementReportAppLayer-Seg-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (AppLayerMeasParameters-r17)

...

Name of the IE: (BANDCOMBINATIONLIST)

Name of the Sub\_IE: (BandCombinationList)

BandCombinationList SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination

Name of the Sub\_IE: (BandCombinationList-v1540)

BandCombinationList-v1540 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1540

Name of the Sub\_IE: (BandCombinationList-v1550)

BandCombinationList-v1550 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1550

Name of the Sub\_IE: (BandCombinationList-v1560)

BandCombinationList-v1560 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1560

Name of the Sub\_IE: (BandCombinationList-v1570)

BandCombinationList-v1570 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1570

Name of the Sub\_IE: (BandCombinationList-v1580)

BandCombinationList-v1580 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1580

Name of the Sub\_IE: (BandCombinationList-v1590)

BandCombinationList-v1590 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1590

Name of the Sub\_IE: (BandCombinationList-v15g0)

BandCombinationList-v15g0 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v15g0

Name of the Sub\_IE: (BandCombinationList-v1610)

BandCombinationList-v1610 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1610

Name of the Sub\_IE: (BandCombinationList-v1630)

BandCombinationList-v1630 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1630

Name of the Sub\_IE: (BandCombinationList-v1640)

BandCombinationList-v1640 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1640

Name of the Sub\_IE: (BandCombinationList-v1650)

BandCombinationList-v1650 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1650

Name of the Sub\_IE: (BandCombinationList-v1680)

BandCombinationList-v1680 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1680

Name of the Sub\_IE: (BandCombinationList-v1690)

BandCombinationList-v1690 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1690

Name of the Sub\_IE: (BandCombinationList-v16a0)

BandCombinationList-v16a0 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v16a0

Name of the Sub\_IE: (BandCombinationList-v1700)

BandCombinationList-v1700 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1700

Name of the Sub\_IE: (BandCombinationList-v1720)

BandCombinationList-v1720 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1720

Name of the Sub\_IE: (BandCombinationList-v1730)

BandCombinationList-v1730 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1730

Name of the Sub\_IE: (BandCombinationList-v1740)

BandCombinationList-v1740 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-v1740

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-r16)

BandCombinationList-UplinkTxSwitch-r16 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-r16

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1630)

BandCombinationList-UplinkTxSwitch-v1630 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1630

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1640)

BandCombinationList-UplinkTxSwitch-v1640 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1640

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1650)

BandCombinationList-UplinkTxSwitch-v1650 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1650

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1670)

BandCombinationList-UplinkTxSwitch-v1670 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1670

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1690)

BandCombinationList-UplinkTxSwitch-v1690 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1690

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v16a0)

BandCombinationList-UplinkTxSwitch-v16a0 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v16a0

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1700)

BandCombinationList-UplinkTxSwitch-v1700 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1700

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1720)

BandCombinationList-UplinkTxSwitch-v1720 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1720

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1730)

BandCombinationList-UplinkTxSwitch-v1730 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1730

Name of the Sub\_IE: (BandCombinationList-UplinkTxSwitch-v1740)

BandCombinationList-UplinkTxSwitch-v1740 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombination-UplinkTxSwitch-v1740

Name of the Sub\_IE: (BandCombination)

bandList SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParameters,

Name of the Sub\_IE: (BandCombination)

featureSetCombination FeatureSetCombinationId,

Name of the Sub\_IE: (BandCombination)

ca-ParametersEUTRA CA-ParametersEUTRA OPTIONAL,

Name of the Sub\_IE: (BandCombination)

ca-ParametersNR CA-ParametersNR OPTIONAL,

Name of the Sub\_IE: (BandCombination)

mrdc-Parameters MRDC-Parameters OPTIONAL,

Name of the Sub\_IE: (BandCombination)

supportedBandwidthCombinationSet BIT STRING (SIZE (1..32)) OPTIONAL,

Name of the Sub\_IE: (BandCombination)

powerClass-v1530 ENUMERATED {pc2} OPTIONAL

Name of the Sub\_IE: (BandCombination-v1540)

bandList-v1540 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParameters-v1540,

Name of the Sub\_IE: (BandCombination-v1540)

ca-ParametersNR-v1540 CA-ParametersNR-v1540 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1550)

ca-ParametersNR-v1550 CA-ParametersNR-v1550

Name of the Sub\_IE: (BandCombination-v1560)

ne-DC-BC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1560)

ca-ParametersNRDC CA-ParametersNRDC OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1560)

ca-ParametersEUTRA-v1560 CA-ParametersEUTRA-v1560 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1560)

ca-ParametersNR-v1560 CA-ParametersNR-v1560 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1570)

ca-ParametersEUTRA-v1570 CA-ParametersEUTRA-v1570

Name of the Sub\_IE: (BandCombination-v1580)

mrdc-Parameters-v1580 MRDC-Parameters-v1580

Name of the Sub\_IE: (BandCombination-v1590)

supportedBandwidthCombinationSetIntraENDC BIT STRING (SIZE (1..32)) OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1590)

mrdc-Parameters-v1590 MRDC-Parameters-v1590

Name of the Sub\_IE: (BandCombination-v15g0)

ca-ParametersNR-v15g0 CA-ParametersNR-v15g0 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v15g0)

ca-ParametersNRDC-v15g0 CA-ParametersNRDC-v15g0 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v15g0)

mrdc-Parameters-v15g0 MRDC-Parameters-v15g0 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1610)

bandList-v1610 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParameters-v1610 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

ca-ParametersNR-v1610 CA-ParametersNR-v1610 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

ca-ParametersNRDC-v1610 CA-ParametersNRDC-v1610 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

powerClass-v1610 ENUMERATED {pc1dot5} OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

powerClassNRPart-r16 ENUMERATED {pc1, pc2, pc3, pc5} OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

featureSetCombinationDAPS-r16 FeatureSetCombinationId OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1610)

mrdc-Parameters-v1620 MRDC-Parameters-v1620 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1630)

ca-ParametersNR-v1630 CA-ParametersNR-v1630 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

ca-ParametersNRDC-v1630 CA-ParametersNRDC-v1630 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

mrdc-Parameters-v1630 MRDC-Parameters-v1630 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

supportedTxBandCombListPerBC-Sidelink-r16 BIT STRING (SIZE (1..maxBandComb)) OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

supportedRxBandCombListPerBC-Sidelink-r16 BIT STRING (SIZE (1..maxBandComb)) OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

scalingFactorTxSidelink-r16 SEQUENCE (SIZE (1..maxBandComb)) OF ScalingFactorSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1630)

scalingFactorRxSidelink-r16 SEQUENCE (SIZE (1..maxBandComb)) OF ScalingFactorSidelink-r16 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1640)

ca-ParametersNR-v1640 CA-ParametersNR-v1640 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1640)

ca-ParametersNRDC-v1640 CA-ParametersNRDC-v1640 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1650)

ca-ParametersNRDC-v1650 CA-ParametersNRDC-v1650 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1680)

intrabandConcurrentOperationPowerClass-r16 SEQUENCE (SIZE (1..maxBandComb)) OF IntraBandPowerClass-r16 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1690)

ca-ParametersNR-v1690 CA-ParametersNR-v1690 OPTIONAL

Name of the Sub\_IE: (BandCombination-v16a0)

ca-ParametersNR-v16a0 CA-ParametersNR-v16a0 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v16a0)

ca-ParametersNRDC-v16a0 CA-ParametersNRDC-v16a0 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1700)

ca-ParametersNR-v1700 CA-ParametersNR-v1700 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1700)

ca-ParametersNRDC-v1700 CA-ParametersNRDC-v1700 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1700)

mrdc-Parameters-v1700 MRDC-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1700)

bandList-v1710 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParameters-v1710 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1700)

supportedBandCombListPerBC-SL-RelayDiscovery-r17 BIT STRING (SIZE (1..maxBandComb)) OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1700)

supportedBandCombListPerBC-SL-NonRelayDiscovery-r17 BIT STRING (SIZE (1..maxBandComb)) OPTIONAL

Name of the Sub\_IE: (BandCombination-v1720)

ca-ParametersNR-v1720 CA-ParametersNR-v1720 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1720)

ca-ParametersNRDC-v1720 CA-ParametersNRDC-v1720 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1730)

ca-ParametersNR-v1730 CA-ParametersNR-v1730 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1730)

ca-ParametersNRDC-v1730 CA-ParametersNRDC-v1730 OPTIONAL,

Name of the Sub\_IE: (BandCombination-v1730)

bandList-v1730 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParameters-v1730 OPTIONAL

Name of the Sub\_IE: (BandCombination-v1740)

ca-ParametersNR-v1740 CA-ParametersNR-v1740 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-r16 BandCombination,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1540 BandCombination-v1540 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1560 BandCombination-v1560 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1570 BandCombination-v1570 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1580 BandCombination-v1580 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1590 BandCombination-v1590 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

bandCombination-v1610 BandCombination-v1610 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

supportedBandPairListNR-r16 SEQUENCE (SIZE (1..maxULTxSwitchingBandPairs)) OF ULTxSwitchingBandPair-r16,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

uplinkTxSwitching-OptionSupport-r16 ENUMERATED {switchedUL, dualUL, both} OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

uplinkTxSwitching-PowerBoosting-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

...,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

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Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

-- R4 16-5 UL-MIMO coherence capability for dynamic Tx switching between 3CC 1Tx-2Tx switching

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

uplinkTxSwitching-PUSCH-TransCoherence-r16 ENUMERATED {nonCoherent, fullCoherent} OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-r16)

]]

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1630)

bandCombination-v1630 BandCombination-v1630 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1640)

bandCombination-v1640 BandCombination-v1640 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1650)

bandCombination-v1650 BandCombination-v1650 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1670)

bandCombination-v15g0 BandCombination-v15g0 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1690)

bandCombination-v1690 BandCombination-v1690 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v16a0)

bandCombination-v16a0 BandCombination-v16a0 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1700)

bandCombination-v1700 BandCombination-v1700 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1700)

-- R4 16-1/16-2/16-3 Dynamic Tx switching between 2CC/3CC 2Tx-2Tx/1Tx-2Tx switching

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1700)

supportedBandPairListNR-v1700 SEQUENCE (SIZE (1..maxULTxSwitchingBandPairs)) OF ULTxSwitchingBandPair-v1700 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1700)

-- R4 16-6: UL-MIMO coherence capability for dynamic Tx switching between 2Tx-2Tx switching

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1700)

uplinkTxSwitchingBandParametersList-v1700 SEQUENCE (SIZE (1.. maxSimultaneousBands)) OF UplinkTxSwitchingBandParameters-v1700 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1720)

bandCombination-v1720 BandCombination-v1720 OPTIONAL,

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1720)

uplinkTxSwitching-OptionSupport2T2T-r17 ENUMERATED {switchedUL, dualUL, both} OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1730)

bandCombination-v1730 BandCombination-v1730 OPTIONAL

Name of the Sub\_IE: (BandCombination-UplinkTxSwitch-v1740)

bandCombination-v1740 BandCombination-v1740 OPTIONAL

Name of the Sub\_IE: (ULTxSwitchingBandPair-r16)

bandIndexUL1-r16 INTEGER(1..maxSimultaneousBands),

Name of the Sub\_IE: (ULTxSwitchingBandPair-r16)

bandIndexUL2-r16 INTEGER(1..maxSimultaneousBands),

Name of the Sub\_IE: (ULTxSwitchingBandPair-r16)

uplinkTxSwitchingPeriod-r16 ENUMERATED {n35us, n140us, n210us},

Name of the Sub\_IE: (ULTxSwitchingBandPair-r16)

uplinkTxSwitching-DL-Interruption-r16 BIT STRING (SIZE(1..maxSimultaneousBands)) OPTIONAL

Name of the Sub\_IE: (ULTxSwitchingBandPair-v1700)

uplinkTxSwitchingPeriod2T2T-r17 ENUMERATED {n35us, n140us, n210us} OPTIONAL

Name of the Sub\_IE: (UplinkTxSwitchingBandParameters-v1700)

bandIndex-r17 INTEGER(1..maxSimultaneousBands),

Name of the Sub\_IE: (UplinkTxSwitchingBandParameters-v1700)

uplinkTxSwitching2T2T-PUSCH-TransCoherence-r17 ENUMERATED {nonCoherent, fullCoherent} OPTIONAL

Name of the Sub\_IE: (BandParameters)

eutra SEQUENCE {

Name of the Sub\_IE: (BandParameters)

bandEUTRA FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (BandParameters)

ca-BandwidthClassDL-EUTRA CA-BandwidthClassEUTRA OPTIONAL,

Name of the Sub\_IE: (BandParameters)

ca-BandwidthClassUL-EUTRA CA-BandwidthClassEUTRA OPTIONAL

Name of the Sub\_IE: (BandParameters)

},

Name of the Sub\_IE: (BandParameters)

nr SEQUENCE {

Name of the Sub\_IE: (BandParameters)

bandNR FreqBandIndicatorNR,

Name of the Sub\_IE: (BandParameters)

ca-BandwidthClassDL-NR CA-BandwidthClassNR OPTIONAL,

Name of the Sub\_IE: (BandParameters)

ca-BandwidthClassUL-NR CA-BandwidthClassNR OPTIONAL

Name of the Sub\_IE: (BandParameters-v1540)

srs-CarrierSwitch CHOICE {

Name of the Sub\_IE: (BandParameters-v1540)

nr SEQUENCE {

Name of the Sub\_IE: (BandParameters-v1540)

srs-SwitchingTimesListNR SEQUENCE (SIZE (1..maxSimultaneousBands)) OF SRS-SwitchingTimeNR

Name of the Sub\_IE: (BandParameters-v1540)

},

Name of the Sub\_IE: (BandParameters-v1540)

eutra SEQUENCE {

Name of the Sub\_IE: (BandParameters-v1540)

srs-SwitchingTimesListEUTRA SEQUENCE (SIZE (1..maxSimultaneousBands)) OF SRS-SwitchingTimeEUTRA

Name of the Sub\_IE: (BandParameters-v1540)

} OPTIONAL,

Name of the Sub\_IE: (BandParameters-v1540)

srs-TxSwitch SEQUENCE {

Name of the Sub\_IE: (BandParameters-v1540)

supportedSRS-TxPortSwitch ENUMERATED {t1r2, t1r4, t2r4, t1r4-t2r4, t1r1, t2r2, t4r4, notSupported},

Name of the Sub\_IE: (BandParameters-v1540)

txSwitchImpactToRx INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (BandParameters-v1540)

txSwitchWithAnotherBand INTEGER (1..32) OPTIONAL

Name of the Sub\_IE: (BandParameters-v1540)

} OPTIONAL

Name of the Sub\_IE: (BandParameters-v1610)

srs-TxSwitch-v1610 SEQUENCE {

Name of the Sub\_IE: (BandParameters-v1610)

supportedSRS-TxPortSwitch-v1610 ENUMERATED {t1r1-t1r2, t1r1-t1r2-t1r4, t1r1-t1r2-t2r2-t2r4, t1r1-t1r2-t2r2-t1r4-t2r4,

Name of the Sub\_IE: (BandParameters-v1610)

t1r1-t2r2, t1r1-t2r2-t4r4}

Name of the Sub\_IE: (BandParameters-v1610)

} OPTIONAL

Name of the Sub\_IE: (BandParameters-v1710)

-- R1 23-8-3 SRS Antenna switching for >4Rx

Name of the Sub\_IE: (BandParameters-v1710)

srs-AntennaSwitchingBeyond4RX-r17 SEQUENCE {

Name of the Sub\_IE: (BandParameters-v1710)

-- 1. Support of SRS antenna switching xTyR with y>4

Name of the Sub\_IE: (BandParameters-v1710)

supportedSRS-TxPortSwitchBeyond4Rx-r17 BIT STRING (SIZE (11)),

Name of the Sub\_IE: (BandParameters-v1710)

-- 2. Report the entry number of the first-listed band with UL in the band combination that affects this DL

Name of the Sub\_IE: (BandParameters-v1710)

entryNumberAffectBeyond4Rx-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (BandParameters-v1710)

-- 3. Report the entry number of the first-listed band with UL in the band combination that switches together with this UL

Name of the Sub\_IE: (BandParameters-v1710)

entryNumberSwitchBeyond4Rx-r17 INTEGER (1..32) OPTIONAL

Name of the Sub\_IE: (BandParameters-v1710)

} OPTIONAL

Name of the Sub\_IE: (BandParameters-v1730)

-- R1 39-3-2 Affected bands for inter-band CA during SRS carrier switching

Name of the Sub\_IE: (BandParameters-v1730)

srs-SwitchingAffectedBandsListNR-r17 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF SRS-SwitchingAffectedBandsNR-r17

Name of the Sub\_IE: (ScalingFactorSidelink-r16)

ScalingFactorSidelink-r16 ENUMERATED {f0p4, f0p75, f0p8, f1}

Name of the Sub\_IE: (IntraBandPowerClass-r16)

IntraBandPowerClass-r16 ENUMERATED {pc2, pc3, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (BANDCOMBINATIONLISTSIDELINKEUTRANR)

Name of the Sub\_IE: (BandCombinationListSidelinkEUTRA-NR-r16)

BandCombinationListSidelinkEUTRA-NR-r16 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationParametersSidelinkEUTRA-NR-r16

Name of the Sub\_IE: (BandCombinationListSidelinkEUTRA-NR-v1630)

BandCombinationListSidelinkEUTRA-NR-v1630 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationParametersSidelinkEUTRA-NR-v1630

Name of the Sub\_IE: (BandCombinationListSidelinkEUTRA-NR-v1710)

BandCombinationListSidelinkEUTRA-NR-v1710 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationParametersSidelinkEUTRA-NR-v1710

Name of the Sub\_IE: (BandCombinationParametersSidelinkEUTRA-NR-r16)

BandCombinationParametersSidelinkEUTRA-NR-r16 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelinkEUTRA-NR-r16

Name of the Sub\_IE: (BandCombinationParametersSidelinkEUTRA-NR-v1630)

BandCombinationParametersSidelinkEUTRA-NR-v1630 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelinkEUTRA-NR-v1630

Name of the Sub\_IE: (BandCombinationParametersSidelinkEUTRA-NR-v1710)

BandCombinationParametersSidelinkEUTRA-NR-v1710 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelinkEUTRA-NR-v1710

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

eutra SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

bandParametersSidelinkEUTRA1-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

bandParametersSidelinkEUTRA2-r16 OCTET STRING OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

},

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

nr SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-r16)

bandParametersSidelinkNR-r16 BandParametersSidelink-r16

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1630)

eutra NULL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1630)

nr SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1630)

tx-Sidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1630)

rx-Sidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1630)

sl-CrossCarrierScheduling-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

eutra NULL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

nr SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

--32-4

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

sl-TransmissionMode2-PartialSensing-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

harq-TxProcessModeTwoSidelink-r17 ENUMERATED {n8, n16},

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-CP-PatternTxSidelinkModeTwo-r17 CHOICE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

fr1-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-15kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-30kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

},

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

fr2-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

scs-120kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

extendedCP-Mode2PartialSensing-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

dl-openLoopPC-Sidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

--32-2a: Receiving NR sidelink of PSFCH

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

rx-sidelinkPSFCH-r17 ENUMERATED {n5, n15, n25, n32, n35, n45, n50, n64} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

--32-5a-1

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

tx-IUC-Scheme1-Mode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

--32-5b-1

Name of the Sub\_IE: (BandParametersSidelinkEUTRA-NR-v1710)

tx-IUC-Scheme2-Mode2Sidelink-r17 ENUMERATED {n4, n8, n16} OPTIONAL

Name of the Sub\_IE: (BandParametersSidelink-r16)

freqBandSidelink-r16 FreqBandIndicatorNR

Name of the IE: (BANDCOMBINATIONLISTSLDISCOVERY)

Name of the Sub\_IE: (BandCombinationListSL-Discovery-r17)

BandCombinationListSL-Discovery-r17 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelinkDiscovery-r17

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

sl-CrossCarrierScheduling-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

--R1 32-4: Transmitting NR sidelink mode 2 with partial sensing

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

sl-TransmissionMode2-PartialSensing-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

harq-TxProcessModeTwoSidelink-r17 ENUMERATED {n8, n16},

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-CP-PatternTxSidelinkModeTwo-r17 CHOICE {

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

fr1-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-15kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-30kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

},

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

fr2-r17 SEQUENCE {

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

scs-120kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

extendedCP-Mode2PartialSensing-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

dl-openLoopPC-Sidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

--R1 32-5a-1: Transmitting Inter-UE coordination scheme 1 in NR sidelink mode 2

Name of the Sub\_IE: (BandParametersSidelinkDiscovery-r17)

tx-IUC-Scheme1-Mode2Sidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (CA-BANDWIDTHCLASSEUTRA)

Name of the Sub\_IE: (CA-BandwidthClassEUTRA)

CA-BandwidthClassEUTRA ENUMERATED {a, b, c, d, e, f, ...}

Name of the IE: (CA-BANDWIDTHCLASSNR)

Name of the Sub\_IE: ()

-- R4 17-6: new CA BW Classes R2~R12

Name of the Sub\_IE: (CA-BandwidthClassNR)

CA-BandwidthClassNR ENUMERATED {a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, ...,r2-v1730, r3-v1730, r4-v1730, r5-v1730, r6-v1730, r7-v1730, r8-v1730, r9-v1730, r10-v1730, r11-v1730, r12-v1730 }

Name of the IE: (CA-PARAMETERSEUTRA)

Name of the Sub\_IE: (CA-ParametersEUTRA)

multipleTimingAdvance ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

simultaneousRx-Tx ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

supportedNAICS-2CRS-AP BIT STRING (SIZE (1..8)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

additionalRx-Tx-PerformanceReq ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

ue-CA-PowerClass-N ENUMERATED {class2} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

supportedBandwidthCombinationSetEUTRA-v1530 BIT STRING (SIZE (1..32)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersEUTRA)

...

Name of the Sub\_IE: (CA-ParametersEUTRA-v1560)

fd-MIMO-TotalWeightedLayers INTEGER (2..128) OPTIONAL

Name of the Sub\_IE: (CA-ParametersEUTRA-v1570)

dl-1024QAM-TotalWeightedLayers INTEGER (0..10) OPTIONAL

Name of the IE: (CA-PARAMETERSNR)

Name of the Sub\_IE: (CA-ParametersNR)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

parallelTxSRS-PUCCH-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

parallelTxPRACH-SRS-PUCCH-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

simultaneousRxTxInterBandCA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

simultaneousRxTxSUL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

diffNumerologyAcrossPUCCH-Group ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

diffNumerologyWithinPUCCH-GroupSmallerSCS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

supportedNumberTAG ENUMERATED {n2, n3, n4} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR)

...

Name of the Sub\_IE: (CA-ParametersNR-v1540)

simultaneousSRS-AssocCSI-RS-AllCC INTEGER (5..32) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1540)

csi-RS-IM-ReceptionForFeedbackPerBandComb SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1540)

maxNumberSimultaneousNZP-CSI-RS-ActBWP-AllCC INTEGER (1..64) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1540)

totalNumberPortsSimultaneousNZP-CSI-RS-ActBWP-AllCC INTEGER (2..256) OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1540)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1540)

simultaneousCSI-ReportsAllCC INTEGER (5..32) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1540)

dualPA-Architecture ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1550)

dummy ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1560)

diffNumerologyWithinPUCCH-GroupLargerSCS ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v15g0)

simultaneousRxTxInterBandCAPerBandPair SimultaneousRxTxPerBandPair OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v15g0)

simultaneousRxTxSULPerBandPair SimultaneousRxTxPerBandPair OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 9-3: Parallel MsgA and SRS/PUCCH/PUSCH transmissions across CCs in inter-band CA

Name of the Sub\_IE: (CA-ParametersNR-v1610)

parallelTxMsgA-SRS-PUCCH-PUSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 9-4: MsgA operation in a band combination including SUL

Name of the Sub\_IE: (CA-ParametersNR-v1610)

msgA-SUL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 10-9c: Joint search space group switching across multiple cells

Name of the Sub\_IE: (CA-ParametersNR-v1610)

jointSearchSpaceSwitchAcrossCells-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 14-5: Half-duplex UE behaviour in TDD CA for same SCS

Name of the Sub\_IE: (CA-ParametersNR-v1610)

half-DuplexTDD-CA-SameSCS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-4: SCell dormancy within active time

Name of the Sub\_IE: (CA-ParametersNR-v1610)

scellDormancyWithinActiveTime-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-4a: SCell dormancy outside active time

Name of the Sub\_IE: (CA-ParametersNR-v1610)

scellDormancyOutsideActiveTime-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-6: Cross-carrier A-CSI RS triggering with different SCS

Name of the Sub\_IE: (CA-ParametersNR-v1610)

crossCarrierA-CSI-trigDiffSCS-r16 ENUMERATED {higherA-CSI-SCS,lowerA-CSI-SCS,both} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-6a: Default QCL assumption for cross-carrier A-CSI-RS triggering

Name of the Sub\_IE: (CA-ParametersNR-v1610)

defaultQCL-CrossCarrierA-CSI-Trig-r16 ENUMERATED {diffOnly, both} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-7: CA with non-aligned frame boundaries for inter-band CA

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interCA-NonAlignedFrame-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

simul-SRS-Trans-BC-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqDAPS-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqAsyncDAPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqDiffSCS-DAPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqMultiUL-TransmissionDAPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqSemiStaticPowerSharingDAPS-Mode1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqSemiStaticPowerSharingDAPS-Mode2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqDynamicPowerSharingDAPS-r16 ENUMERATED {short, long} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

interFreqUL-TransCancellationDAPS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1610)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

codebookParametersPerBC-r16 CodebookParameters-v1610 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 16-2a-10 Value of R for BD/CCE

Name of the Sub\_IE: (CA-ParametersNR-v1610)

blindDetectFactor-r16 INTEGER (1..2) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 11-2a: Capability on the number of CCs for monitoring a maximum number of BDs and non-overlapped CCEs per span when configured

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- with DL CA with Rel-16 PDCCH monitoring capability on all the serving cells

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-MonitoringCA-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1610)

maxNumberOfMonitoringCC-r16 INTEGER (2..16),

Name of the Sub\_IE: (CA-ParametersNR-v1610)

supportedSpanArrangement-r16 ENUMERATED {alignedOnly, alignedAndNonAligned}

Name of the Sub\_IE: (CA-ParametersNR-v1610)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 11-2c: Number of carriers for CCE/BD scaling with DL CA with mix of Rel. 16 and Rel. 15 PDCCH monitoring capabilities on

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionCA-Mixed-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionCA1-r16 INTEGER (1..15),

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionCA2-r16 INTEGER (1..15),

Name of the Sub\_IE: (CA-ParametersNR-v1610)

supportedSpanArrangement-r16 ENUMERATED {alignedOnly, alignedAndNonAligned}

Name of the Sub\_IE: (CA-ParametersNR-v1610)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 11-2d: Capability on the number of CCs for monitoring a maximum number of BDs and non-overlapped CCEs per span for MCG and for

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- SCG when configured for NR-DC operation with Rel-16 PDCCH monitoring capability on all the serving cells

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionMCG-UE-r16 INTEGER (1..14) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionSCG-UE-r16 INTEGER (1..14) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 11-2e: Number of carriers for CCE/BD scaling for MCG and for SCG when configured for NR-DC operation with mix of Rel. 16 and

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- Rel. 15 PDCCH monitoring capabilities on different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionMCG-UE-Mixed-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionMCG-UE1-r16 INTEGER (0..15),

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionMCG-UE2-r16 INTEGER (0..15)

Name of the Sub\_IE: (CA-ParametersNR-v1610)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionSCG-UE-Mixed-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionSCG-UE1-r16 INTEGER (0..15),

Name of the Sub\_IE: (CA-ParametersNR-v1610)

pdcch-BlindDetectionSCG-UE2-r16 INTEGER (0..15)

Name of the Sub\_IE: (CA-ParametersNR-v1610)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-5 cross-carrier scheduling with different SCS in DL CA

Name of the Sub\_IE: (CA-ParametersNR-v1610)

crossCarrierSchedulingDL-DiffSCS-r16 ENUMERATED {low-to-high, high-to-low, both} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-5a Default QCL assumption for cross-carrier scheduling

Name of the Sub\_IE: (CA-ParametersNR-v1610)

crossCarrierSchedulingDefaultQCL-r16 ENUMERATED {diff-only, both} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 18-5b cross-carrier scheduling with different SCS in UL CA

Name of the Sub\_IE: (CA-ParametersNR-v1610)

crossCarrierSchedulingUL-DiffSCS-r16 ENUMERATED {low-to-high, high-to-low, both} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 13.19a Simultaneous positioning SRS and MIMO SRS transmission for a given BC

Name of the Sub\_IE: (CA-ParametersNR-v1610)

simul-SRS-MIMO-Trans-BC-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 16-3a, 16-3a-1, 16-3b, 16-3b-1: New Individual Codebook

Name of the Sub\_IE: (CA-ParametersNR-v1610)

codebookParametersAdditionPerBC-r16 CodebookParametersAdditionPerBC-r16 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1610)

-- R1 16-8: Mixed codebook

Name of the Sub\_IE: (CA-ParametersNR-v1610)

codebookComboParametersAdditionPerBC-r16 CodebookComboParametersAdditionPerBC-r16 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1630)

-- R1 22-5b: Simultaneous transmission of SRS for antenna switching and SRS for CB/NCB /BM for inter-band UL CA

Name of the Sub\_IE: (CA-ParametersNR-v1630)

-- R1 22-5d: Simultaneous transmission of SRS for antenna switching for inter-band UL CA

Name of the Sub\_IE: (CA-ParametersNR-v1630)

simulTX-SRS-AntSwitchingInterBandUL-CA-r16 SimulSRS-ForAntennaSwitching-r16 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1630)

-- R4 8-5: supported beam management type for inter-band CA

Name of the Sub\_IE: (CA-ParametersNR-v1630)

beamManagementType-r16 ENUMERATED {ibm, dummy} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1630)

-- R4 7-3a: UL frequency separation class with aggregate BW and Gap BW

Name of the Sub\_IE: (CA-ParametersNR-v1630)

intraBandFreqSeparationUL-AggBW-GapBW-r16 ENUMERATED {classI, classII, classIII} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1630)

-- RAN 89: Case B in case of Inter-band CA with non-aligned frame boundaries

Name of the Sub\_IE: (CA-ParametersNR-v1630)

interCA-NonAlignedFrame-B-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R4 7-5: Support of reporting UL Tx DC locations for uplink intra-band CA.

Name of the Sub\_IE: (CA-ParametersNR-v1640)

uplinkTxDC-TwoCarrierReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- RAN 22-6: Support of up to 3 different numerologies in the same NR PUCCH group for NR part of EN-DC, NGEN-DC, NE-DC and NR-CA

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- where UE is not configured with two NR PUCCH groups

Name of the Sub\_IE: (CA-ParametersNR-v1640)

maxUpTo3Diff-NumerologiesConfigSinglePUCCH-grp-r16 PUCCH-Grp-CarrierTypes-r16 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- RAN 22-6a: Support of up to 4 different numerologies in the same NR PUCCH group for NR part of EN-DC, NGEN-DC, NE-DC and NR-CA

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- where UE is not configured with two NR PUCCH groups

Name of the Sub\_IE: (CA-ParametersNR-v1640)

maxUpTo4Diff-NumerologiesConfigSinglePUCCH-grp-r16 PUCCH-Grp-CarrierTypes-r16 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- RAN 22-7: Support two PUCCH groups for NR-CA with 3 or more bands with at least two carrier types

Name of the Sub\_IE: (CA-ParametersNR-v1640)

twoPUCCH-Grp-ConfigurationsList-r16 SEQUENCE (SIZE (1..maxTwoPUCCH-Grp-ConfigList-r16)) OF TwoPUCCH-Grp-Configurations-r16 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R1 22-7a: Different numerology across NR PUCCH groups

Name of the Sub\_IE: (CA-ParametersNR-v1640)

diffNumerologyAcrossPUCCH-Group-CarrierTypes-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R1 22-7b: Different numerologies across NR carriers within the same NR PUCCH group, with PUCCH on a carrier of smaller SCS

Name of the Sub\_IE: (CA-ParametersNR-v1640)

diffNumerologyWithinPUCCH-GroupSmallerSCS-CarrierTypes-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R1 22-7c: Different numerologies across NR carriers within the same NR PUCCH group, with PUCCH on a carrier of larger SCS

Name of the Sub\_IE: (CA-ParametersNR-v1640)

diffNumerologyWithinPUCCH-GroupLargerSCS-CarrierTypes-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R1 11-2f: add the replicated FGs of 11-2a/c with restriction for non-aligned span case

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- with DL CA with Rel-16 PDCCH monitoring capability on all the serving cells

Name of the Sub\_IE: (CA-ParametersNR-v1640)

pdcch-MonitoringCA-NonAlignedSpan-r16 INTEGER (2..16) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1640)

-- R1 11-2g: add the replicated FGs of 11-2a/c with restriction for non-aligned span case

Name of the Sub\_IE: (CA-ParametersNR-v1640)

pdcch-BlindDetectionCA-Mixed-NonAlignedSpan-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1640)

pdcch-BlindDetectionCA1-r16 INTEGER (1..15),

Name of the Sub\_IE: (CA-ParametersNR-v1640)

pdcch-BlindDetectionCA2-r16 INTEGER (1..15)

Name of the Sub\_IE: (CA-ParametersNR-v1640)

} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1690)

csi-ReportingCrossPUCCH-Grp-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1690)

computationTimeForA-CSI-r16 ENUMERATED {sameAsNoCross, relaxed},

Name of the Sub\_IE: (CA-ParametersNR-v1690)

additionalSymbols-r16 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1690)

scs-15kHz-additionalSymbols-r16 ENUMERATED {s14, s28} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

scs-30kHz-additionalSymbols-r16 ENUMERATED {s14, s28} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

scs-60kHz-additionalSymbols-r16 ENUMERATED {s14, s28, s56} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

scs-120kHz-additionalSymbols-r16 ENUMERATED {s14, s28, s56} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1690)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

sp-CSI-ReportingOnPUCCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

sp-CSI-ReportingOnPUSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1690)

carrierTypePairList-r16 SEQUENCE (SIZE (1..maxCarrierTypePairList-r16)) OF CarrierTypePair-r16

Name of the Sub\_IE: (CA-ParametersNR-v1690)

} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v16a0)

pdcch-BlindDetectionMixedList-r16 SEQUENCE(SIZE(1..maxNrofPdcch-BlindDetectionMixed-1-r16)) OF PDCCH-BlindDetectionMixedList-r16

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 23-9-1: Basic Features of Further Enhanced Port-Selection Type II Codebook (FeType-II) per band combination information

Name of the Sub\_IE: (CA-ParametersNR-v1700)

codebookParametersfetype2PerBC-r17 CodebookParametersfetype2PerBC-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R4 18-4: Support of enhanced Demodulation requirements for CA in HST SFN FR1

Name of the Sub\_IE: (CA-ParametersNR-v1700)

demodulationEnhancementCA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R4 20-1: Maximum uplink duty cycle for NR inter-band CA power class 2

Name of the Sub\_IE: (CA-ParametersNR-v1700)

maxUplinkDutyCycle-interBandCA-PC2-r17 ENUMERATED {n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R4 20-2: Maximum uplink duty cycle for NR SUL combination power class 2

Name of the Sub\_IE: (CA-ParametersNR-v1700)

maxUplinkDutyCycle-SULcombination-PC2-r17 ENUMERATED {n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

beamManagementType-CBM-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 25-18: Parallel PUCCH and PUSCH transmission across CCs in inter-band CA

Name of the Sub\_IE: (CA-ParametersNR-v1700)

parallelTxPUCCH-PUSCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 23-9-5 Active CSI-RS resources and ports for mixed codebook types in any slot per band combination

Name of the Sub\_IE: (CA-ParametersNR-v1700)

codebookComboParameterMixedTypePerBC-r17 CodebookComboParameterMixedTypePerBC-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 23-7-1 Basic Features of CSI Enhancement for Multi-TRP

Name of the Sub\_IE: (CA-ParametersNR-v1700)

mTRP-CSI-EnhancementPerBC-r17 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1700)

maxNumNZP-CSI-RS-r17 INTEGER (2..8),

Name of the Sub\_IE: (CA-ParametersNR-v1700)

cSI-Report-mode-r17 ENUMERATED {mode1, mode2, both},

Name of the Sub\_IE: (CA-ParametersNR-v1700)

supportedComboAcrossCCs-r17 SEQUENCE (SIZE (1..16)) OF CSI-MultiTRP-SupportedCombinations-r17,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

codebookMode-NCJT-r17 ENUMERATED{mode1,mode1And2}

Name of the Sub\_IE: (CA-ParametersNR-v1700)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 23-7-1b Active CSI-RS resources and ports in the presence of multi-TRP CSI

Name of the Sub\_IE: (CA-ParametersNR-v1700)

codebookComboParameterMultiTRP-PerBC-r17 CodebookComboParameterMultiTRP-PerBC-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 24-8b: 32 DL HARQ processes for FR 2-2 - maximum number of component carriers

Name of the Sub\_IE: (CA-ParametersNR-v1700)

maxCC-32-DL-HARQ-ProcessFR2-2-r17 ENUMERATED {n1, n2, n3, n4, n6, n8, n16, n32} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 24-9b: 32 UL HARQ processes for FR 2-2 - maximum number of component carriers

Name of the Sub\_IE: (CA-ParametersNR-v1700)

maxCC-32-UL-HARQ-ProcessFR2-2-r17 ENUMERATED {n1, n2, n3, n4, n5, n8, n16, n32} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-2: Cross-carrier scheduling from SCell to PCell/PSCell (Type B)

Name of the Sub\_IE: (CA-ParametersNR-v1700)

crossCarrierSchedulingSCell-SpCellTypeB-r17 CrossCarrierSchedulingSCell-SpCell-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-1: Cross-carrier scheduling from SCell to PCell/PSCell with search space restrictions (Type A)

Name of the Sub\_IE: (CA-ParametersNR-v1700)

crossCarrierSchedulingSCell-SpCellTypeA-r17 CrossCarrierSchedulingSCell-SpCell-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-1a: DCI formats on PCell/PSCell USS set(s) support

Name of the Sub\_IE: (CA-ParametersNR-v1700)

dci-FormatsPCellPSCellUSS-Sets-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-3: Disabling scaling factor alpha when sSCell is deactivated

Name of the Sub\_IE: (CA-ParametersNR-v1700)

disablingScalingFactorDeactSCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-4: Disabling scaling factor alpha when sSCell is deactivated

Name of the Sub\_IE: (CA-ParametersNR-v1700)

disablingScalingFactorDormantSCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

-- R1 34-5: Non-aligned frame boundaries between PCell/PSCell and sSCell

Name of the Sub\_IE: (CA-ParametersNR-v1700)

non-AlignedFrameBoundaries-r17 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs15kHz-15kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs15kHz-30kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs15kHz-60kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs30kHz-30kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs30kHz-60kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1700)

scs60kHz-60kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1700)

} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 39-1: Parallel SRS and PUCCH/PUSCH transmission across CCs in intra-band non-contiguous CA

Name of the Sub\_IE: (CA-ParametersNR-v1720)

parallelTxSRS-PUCCH-PUSCH-intraBand-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 39-2: Parallel PRACH and SRS/PUCCH/PUSCH transmissions across CCs in intra-band non-contiguous CA

Name of the Sub\_IE: (CA-ParametersNR-v1720)

parallelTxPRACH-SRS-PUCCH-PUSCH-intraBand-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-9: Semi-static PUCCH cell switching for a single PUCCH group only

Name of the Sub\_IE: (CA-ParametersNR-v1720)

semiStaticPUCCH-CellSwitchSingleGroup-r17 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-r17 ENUMERATED {primaryGroupOnly, secondaryGroupOnly, eitherPrimaryOrSecondaryGroup},

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-Config-r17 PUCCH-Group-Config-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-9a: Semi-static PUCCH cell switching for two PUCCH groups

Name of the Sub\_IE: (CA-ParametersNR-v1720)

semiStaticPUCCH-CellSwitchTwoGroups-r17 SEQUENCE (SIZE (1..maxTwoPUCCH-Grp-ConfigList-r17)) OF TwoPUCCH-Grp-Configurations-r17 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-10: PUCCH cell switching based on dynamic indication for same length of overlapping PUCCH slots/sub-slots for a single

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- PUCCH group only

Name of the Sub\_IE: (CA-ParametersNR-v1720)

dynamicPUCCH-CellSwitchSameLengthSingleGroup-r17 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-r17 ENUMERATED {primaryGroupOnly, secondaryGroupOnly, eitherPrimaryOrSecondaryGroup},

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-Config-r17 PUCCH-Group-Config-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-10a: PUCCH cell switching based on dynamic indication for different length of overlapping PUCCH slots/sub-slots

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- for a single PUCCH group only

Name of the Sub\_IE: (CA-ParametersNR-v1720)

dynamicPUCCH-CellSwitchDiffLengthSingleGroup-r17 SEQUENCE {

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-r17 ENUMERATED {primaryGroupOnly, secondaryGroupOnly, eitherPrimaryOrSecondaryGroup},

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pucch-Group-Config-r17 PUCCH-Group-Config-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-10b: PUCCH cell switching based on dynamic indication for same length of overlapping PUCCH slots/sub-slots for two PUCCH

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- groups

Name of the Sub\_IE: (CA-ParametersNR-v1720)

dynamicPUCCH-CellSwitchSameLengthTwoGroups-r17 SEQUENCE (SIZE (1..maxTwoPUCCH-Grp-ConfigList-r17)) OF TwoPUCCH-Grp-Configurations-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 25-10c: PUCCH cell switching based on dynamic indication for different length of overlapping PUCCH slots/sub-slots for two

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- PUCCH groups

Name of the Sub\_IE: (CA-ParametersNR-v1720)

dynamicPUCCH-CellSwitchDiffLengthTwoGroups-r17 SEQUENCE (SIZE (1..maxTwoPUCCH-Grp-ConfigList-r17)) OF TwoPUCCH-Grp-Configurations-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-2a: ACK/NACK based HARQ-ACK feedback and RRC-based enabling/disabling ACK/NACK-based

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- feedback for dynamic scheduling for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1720)

ack-NACK-FeedbackForMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-2d: PTP retransmission for multicast dynamic scheduling

Name of the Sub\_IE: (CA-ParametersNR-v1720)

ptp-Retx-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-4: NACK-only based HARQ-ACK feedback for RRC-based enabling/disabling multicast with ACK/NACK transforming

Name of the Sub\_IE: (CA-ParametersNR-v1720)

nack-OnlyFeedbackForMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-4a: NACK-only based HARQ-ACK feedback for multicast corresponding to a specific sequence or a PUCCH transmission

Name of the Sub\_IE: (CA-ParametersNR-v1720)

nack-OnlyFeedbackSpecificResourceForMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-5-1a: ACK/NACK based HARQ-ACK feedback and RRC-based enabling/disabling ACK/NACK-based feedback

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- for SPS group-common PDSCH for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1720)

ack-NACK-FeedbackForSPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 33-5-1d: PTP retransmission for SPS group-common PDSCH for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1720)

ptp-Retx-SPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R4 26-1: Higher Power Limit CA DC

Name of the Sub\_IE: (CA-ParametersNR-v1720)

higherPowerLimit-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 39-4: Parallel MsgA and SRS/PUCCH/PUSCH transmissions across CCs in intra-band non-contiguous CA

Name of the Sub\_IE: (CA-ParametersNR-v1720)

parallelTxMsgA-SRS-PUCCH-PUSCH-intraBand-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11a: Capability on the number of CCs for monitoring a maximum number of BDs and non-overlapped CCEs per span when

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- configured with DL CA with Rel-17 PDCCH monitoring capability on all the serving cells

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pdcch-MonitoringCA-r17 INTEGER (4..16) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11f: Capability on the number of CCs for monitoring a maximum number of BDs and non-overlapped CCEs for MCG and for SCG

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- when configured for NR-DC operation with Rel-17 PDCCH monitoring capability on all the serving cells

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pdcch-BlindDetectionMCG-SCG-List-r17 SEQUENCE(SIZE(1..maxNrofPdcch-BlindDetection-r17)) OF PDCCH-BlindDetectionMCG-SCG-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11c: Number of carriers for CCE/BD scaling with DL CA with mix of Rel. 17 and Rel. 15 PDCCH monitoring capabilities on

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- different Carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11g: Number of carriers for CCE/BD scaling for MCG and for SCG when configured for NR-DC operation with mix of Rel. 17 and

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- Rel. 15 PDCCH monitoring capabilities on different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pdcch-BlindDetectionMixedList1-r17 SEQUENCE(SIZE(1..maxNrofPdcch-BlindDetection-r17)) OF PDCCH-BlindDetectionMixed-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11d: Number of carriers for CCE/BD scaling with DL CA with mix of Rel. 17 and Rel. 16 PDCCH monitoring capabilities on

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- different Carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11h: Number of carriers for CCE/BD scaling for MCG and for SCG when configured for NR-DC operation with mix of Rel. 17 and

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- Rel. 16 PDCCH monitoring capabilities on different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pdcch-BlindDetectionMixedList2-r17 SEQUENCE(SIZE(1..maxNrofPdcch-BlindDetection-r17)) OF PDCCH-BlindDetectionMixed-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11e: Number of carriers for CCE/BD scaling with DL CA with mix of Rel. 17, Rel. 16 and Rel. 15 PDCCH monitoring

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- capabilities on different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- R1 24-11i: Number of carriers for CCE/BD scaling for MCG and for SCG when configured for NR-DC operation with mix of Rel. 17,

Name of the Sub\_IE: (CA-ParametersNR-v1720)

-- Rel. 16 and Rel. 15 PDCCH monitoring capabilities on different carriers

Name of the Sub\_IE: (CA-ParametersNR-v1720)

pdcch-BlindDetectionMixedList3-r17 SEQUENCE(SIZE(1..maxNrofPdcch-BlindDetection-r17)) OF PDCCH-BlindDetectionMixed1-r17

Name of the Sub\_IE: (CA-ParametersNR-v1720)

OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4a: DM-RS bundling for PUSCH repetition type A (per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingPUSCH-RepTypeAPerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4b: DM-RS bundling for PUSCH repetition type B(per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingPUSCH-RepTypeBPerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4c: DM-RS bundling for TB processing over multi-slot PUSCH(per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingPUSCH-multiSlotPerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4d: DMRS bundling for PUCCH repetitions(per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingPUCCH-RepPerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4g: Restart DM-RS bundling (per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingRestartPerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 30-4h: DM-RS bundling for non-back-to-back transmission (per BC)

Name of the Sub\_IE: (CA-ParametersNR-v1730)

dmrs-BundlingNonBackToBackTX-PerBC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 39-3-1: Stay on the target CC for SRS carrier switching

Name of the Sub\_IE: (CA-ParametersNR-v1730)

stayOnTargetCC-SRS-CarrierSwitch-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-3-3a: FDM-ed Type-1 and Type-2 HARQ-ACK codebooks for multiplexing HARQ-ACK for unicast and HARQ-ACK for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1730)

fdm-CodebookForMux-UnicastMulticastHARQ-ACK-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-3-3b: Mode 2 TDM-ed Type-1 and Type-2 HARQ-ACK codebook for multiplexing HARQ-ACK for unicast and HARQ-ACK for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1730)

mode2-TDM-CodebookForMux-UnicastMulticastHARQ-ACK-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-3-4: Mode 1 for type1 codebook generation

Name of the Sub\_IE: (CA-ParametersNR-v1730)

mode1-ForType1-CodebookGeneration-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-5-1j: NACK-only based HARQ-ACK feedback for multicast corresponding to a specific sequence or a PUCCH transmission

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- for SPS group-commmon PDSCH for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1730)

nack-OnlyFeedbackSpecificResourceForSPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-8-2: Up to 2 PUCCH resources configuration for multicast feedback for dynamically scheduled multicast

Name of the Sub\_IE: (CA-ParametersNR-v1730)

multiPUCCH-ConfigForMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-8-3: PUCCH resource configuration for multicast feedback for SPS GC-PDSCH

Name of the Sub\_IE: (CA-ParametersNR-v1730)

pucch-ConfigForSPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- The following parameter is associated with R1 33-2a, R1 33-3-3a, and R1 33-3-3b, and is not a RAN1 FG.

Name of the Sub\_IE: (CA-ParametersNR-v1730)

maxNumberG-RNTI-HARQ-ACK-Codebook-r17 INTEGER (1..4) OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- R1 33-3-5: Feedback multiplexing for unicast PDSCH and group-common PDSCH for multicast with same priority and different codebook

Name of the Sub\_IE: (CA-ParametersNR-v1730)

-- type

Name of the Sub\_IE: (CA-ParametersNR-v1730)

mux-HARQ-ACK-UnicastMulticast-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNR-v1740)

-- R1 33-5-1f: NACK-only based HARQ-ACK feedback for multicast RRC-based enabling/disabling NACK-only based feedback

Name of the Sub\_IE: (CA-ParametersNR-v1740)

-- for SPS group-common PDSCH for multicast

Name of the Sub\_IE: (CA-ParametersNR-v1740)

nack-OnlyFeedbackForSPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNR-v1740)

-- R1 33-8-1: PUCCH resource configuration for multicast feedback for dynamically scheduled multicast

Name of the Sub\_IE: (CA-ParametersNR-v1740)

singlePUCCH-ConfigForMulticast-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

supportedSCS-Combinations-r17 SEQUENCE {

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs15kHz-15kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs15kHz-30kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs15kHz-60kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs30kHz-30kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs30kHz-60kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL,

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

scs60kHz-60kHz-r17 BIT STRING (SIZE (1..496)) OPTIONAL

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

},

Name of the Sub\_IE: (CrossCarrierSchedulingSCell-SpCell-r17)

pdcch-MonitoringOccasion-r17 ENUMERATED {val1, val2}

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionCA-MixedExt-r16 CHOICE {

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionCA-Mixed-v16a0 PDCCH-BlindDetectionCA-MixedExt-r16,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionCA-Mixed-NonAlignedSpan-v16a0 PDCCH-BlindDetectionCA-MixedExt-r16

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

} OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionCG-UE-MixedExt-r16 SEQUENCE{

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionMCG-UE-Mixed-v16a0 PDCCH-BlindDetectionCG-UE-MixedExt-r16,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

pdcch-BlindDetectionSCG-UE-Mixed-v16a0 PDCCH-BlindDetectionCG-UE-MixedExt-r16

Name of the Sub\_IE: (PDCCH-BlindDetectionMixedList-r16)

} OPTIONAL

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-MixedExt-r16)

pdcch-BlindDetectionCA1-r16 INTEGER (1..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-MixedExt-r16)

pdcch-BlindDetectionCA2-r16 INTEGER (1..15)

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-MixedExt-r16)

pdcch-BlindDetectionCG-UE1-r16 INTEGER (0..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-MixedExt-r16)

pdcch-BlindDetectionCG-UE2-r16 INTEGER (0..15)

Name of the Sub\_IE: (PDCCH-BlindDetectionMCG-SCG-r17)

pdcch-BlindDetectionMCG-UE-r17 INTEGER (1..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionMCG-SCG-r17)

pdcch-BlindDetectionSCG-UE-r17 INTEGER (1..15)

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed-r17)

pdcch-BlindDetectionCA-Mixed-r17 PDCCH-BlindDetectionCA-Mixed-r17 OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed-r17)

pdcch-BlindDetectionCG-UE-Mixed-r17 SEQUENCE{

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed-r17)

pdcch-BlindDetectionMCG-UE-Mixed-v17 PDCCH-BlindDetectionCG-UE-Mixed-r17,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed-r17)

pdcch-BlindDetectionSCG-UE-Mixed-v17 PDCCH-BlindDetectionCG-UE-Mixed-r17

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed-r17)

} OPTIONAL

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-Mixed-r17)

pdcch-BlindDetectionCG-UE1-r17 INTEGER (0..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-Mixed-r17)

pdcch-BlindDetectionCG-UE2-r17 INTEGER (0..15)

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-Mixed-r17)

pdcch-BlindDetectionCA1-r17 INTEGER (1..15) OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-Mixed-r17)

pdcch-BlindDetectionCA2-r17 INTEGER (1..15) OPTIONAL

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed1-r17)

pdcch-BlindDetectionCA-Mixed1-r17 PDCCH-BlindDetectionCA-Mixed1-r17 OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed1-r17)

pdcch-BlindDetectionCG-UE-Mixed1-r17 SEQUENCE{

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed1-r17)

pdcch-BlindDetectionMCG-UE-Mixed1-v17 PDCCH-BlindDetectionCG-UE-Mixed1-r17,

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed1-r17)

pdcch-BlindDetectionSCG-UE-Mixed1-v17 PDCCH-BlindDetectionCG-UE-Mixed1-r17

Name of the Sub\_IE: (PDCCH-BlindDetectionMixed1-r17)

} OPTIONAL

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-Mixed1-r17)

pdcch-BlindDetectionCG-UE1-r17 INTEGER (0..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-Mixed1-r17)

pdcch-BlindDetectionCG-UE2-r17 INTEGER (0..15),

Name of the Sub\_IE: (PDCCH-BlindDetectionCG-UE-Mixed1-r17)

pdcch-BlindDetectionCG-UE3-r17 INTEGER (0..15)

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-Mixed1-r17)

pdcch-BlindDetectionCA1-r17 INTEGER (1..15) OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-Mixed1-r17)

pdcch-BlindDetectionCA2-r17 INTEGER (1..15) OPTIONAL,

Name of the Sub\_IE: (PDCCH-BlindDetectionCA-Mixed1-r17)

pdcch-BlindDetectionCA3-r17 INTEGER (1..15) OPTIONAL

Name of the Sub\_IE: (SimulSRS-ForAntennaSwitching-r16)

supportSRS-xTyR-xLessThanY-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SimulSRS-ForAntennaSwitching-r16)

supportSRS-xTyR-xEqualToY-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SimulSRS-ForAntennaSwitching-r16)

supportSRS-AntennaSwitching-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (TwoPUCCH-Grp-Configurations-r16)

pucch-PrimaryGroupMapping-r16 TwoPUCCH-Grp-ConfigParams-r16,

Name of the Sub\_IE: (TwoPUCCH-Grp-Configurations-r16)

pucch-SecondaryGroupMapping-r16 TwoPUCCH-Grp-ConfigParams-r16

Name of the Sub\_IE: (TwoPUCCH-Grp-Configurations-r17)

primaryPUCCH-GroupConfig-r17 PUCCH-Group-Config-r17,

Name of the Sub\_IE: (TwoPUCCH-Grp-Configurations-r17)

secondaryPUCCH-GroupConfig-r17 PUCCH-Group-Config-r17

Name of the Sub\_IE: (TwoPUCCH-Grp-ConfigParams-r16)

pucch-GroupMapping-r16 PUCCH-Grp-CarrierTypes-r16,

Name of the Sub\_IE: (TwoPUCCH-Grp-ConfigParams-r16)

pucch-TX-r16 PUCCH-Grp-CarrierTypes-r16

Name of the Sub\_IE: (CarrierTypePair-r16)

carrierForCSI-Measurement-r16 PUCCH-Grp-CarrierTypes-r16,

Name of the Sub\_IE: (CarrierTypePair-r16)

carrierForCSI-Reporting-r16 PUCCH-Grp-CarrierTypes-r16

Name of the Sub\_IE: (PUCCH-Grp-CarrierTypes-r16)

fr1-NonSharedTDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PUCCH-Grp-CarrierTypes-r16)

fr1-SharedTDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PUCCH-Grp-CarrierTypes-r16)

fr1-NonSharedFDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PUCCH-Grp-CarrierTypes-r16)

fr2-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (PUCCH-Group-Config-r17)

fr1-FR1-NonSharedTDD-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PUCCH-Group-Config-r17)

fr2-FR2-NonSharedTDD-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PUCCH-Group-Config-r17)

fr1-FR2-NonSharedTDD-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (CA-PARAMETERS-NRDC)

Name of the Sub\_IE: (CA-ParametersNRDC)

ca-ParametersNR-ForDC CA-ParametersNR OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC)

ca-ParametersNR-ForDC-v1540 CA-ParametersNR-v1540 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC)

ca-ParametersNR-ForDC-v1550 CA-ParametersNR-v1550 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC)

ca-ParametersNR-ForDC-v1560 CA-ParametersNR-v1560 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC)

featureSetCombinationDC FeatureSetCombinationId OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v15g0)

ca-ParametersNR-ForDC-v15g0 CA-ParametersNR-v15g0 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

-- R1 18-1: Semi-static power sharing mode1 between MCG and SCG cells of same FR for NR dual connectivity

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

intraFR-NR-DC-PwrSharingMode1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

-- R1 18-1a: Semi-static power sharing mode 2 between MCG and SCG cells of same FR for NR dual connectivity

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

intraFR-NR-DC-PwrSharingMode2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

-- R1 18-1b: Dynamic power sharing between MCG and SCG cells of same FR for NR dual connectivity

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

intraFR-NR-DC-DynamicPwrSharing-r16 ENUMERATED {short, long} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1610)

asyncNRDC-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1630)

ca-ParametersNR-ForDC-v1610 CA-ParametersNR-v1610 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1630)

ca-ParametersNR-ForDC-v1630 CA-ParametersNR-v1630 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1640)

ca-ParametersNR-ForDC-v1640 CA-ParametersNR-v1640 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1650)

supportedCellGrouping-r16 BIT STRING (SIZE (1..maxCellGroupings-r16)) OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v16a0)

ca-ParametersNR-ForDC-v16a0 CA-ParametersNR-v16a0 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

-- R1 31-9: Indicates the support of simultaneous transmission and reception of an IAB-node from multiple parent nodes

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

simultaneousRxTx-IAB-MultipleParents-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

condPSCellAdditionNRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

scg-ActivationDeactivationNRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

scg-ActivationDeactivationResumeNRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1700)

beamManagementType-CBM-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1720)

ca-ParametersNR-ForDC-v1700 CA-ParametersNR-v1700 OPTIONAL,

Name of the Sub\_IE: (CA-ParametersNRDC-v1720)

ca-ParametersNR-ForDC-v1720 CA-ParametersNR-v1720 OPTIONAL

Name of the Sub\_IE: (CA-ParametersNRDC-v1730)

ca-ParametersNR-ForDC-v1730 CA-ParametersNR-v1730 OPTIONAL

Name of the IE: (CARRIERAGGREGATIONVARIANT)

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR1TDD-CA-SpCellOnFR1FDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR1TDD-CA-SpCellOnFR1TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR2TDD-CA-SpCellOnFR1FDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR2TDD-CA-SpCellOnFR2TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1tdd-FR2TDD-CA-SpCellOnFR1TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1tdd-FR2TDD-CA-SpCellOnFR2TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR1TDD-FR2TDD-CA-SpCellOnFR1FDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR1TDD-FR2TDD-CA-SpCellOnFR1TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CarrierAggregationVariant)

fr1fdd-FR1TDD-FR2TDD-CA-SpCellOnFR2TDD ENUMERATED {supported} OPTIONAL

Name of the IE: (CODEBOOKPARAMETERS)

Name of the Sub\_IE: (CodebookParameters)

type1 SEQUENCE {

Name of the Sub\_IE: (CodebookParameters)

singlePanel SEQUENCE {

Name of the Sub\_IE: (CodebookParameters)

supportedCSI-RS-ResourceList SEQUENCE (SIZE (1.. maxNrofCSI-RS-Resources)) OF SupportedCSI-RS-Resource,

Name of the Sub\_IE: (CodebookParameters)

modes ENUMERATED {mode1, mode1andMode2},

Name of the Sub\_IE: (CodebookParameters)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the Sub\_IE: (CodebookParameters)

},

Name of the Sub\_IE: (CodebookParameters)

multiPanel SEQUENCE {

Name of the Sub\_IE: (CodebookParameters)

supportedCSI-RS-ResourceList SEQUENCE (SIZE (1.. maxNrofCSI-RS-Resources)) OF SupportedCSI-RS-Resource,

Name of the Sub\_IE: (CodebookParameters)

modes ENUMERATED {mode1, mode2, both},

Name of the Sub\_IE: (CodebookParameters)

nrofPanels ENUMERATED {n2, n4},

Name of the Sub\_IE: (CodebookParameters)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the Sub\_IE: (CodebookParameters)

} OPTIONAL

Name of the Sub\_IE: (CodebookParameters)

},

Name of the Sub\_IE: (CodebookParameters)

type2 SEQUENCE {

Name of the Sub\_IE: (CodebookParameters)

supportedCSI-RS-ResourceList SEQUENCE (SIZE (1.. maxNrofCSI-RS-Resources)) OF SupportedCSI-RS-Resource,

Name of the Sub\_IE: (CodebookParameters)

parameterLx INTEGER (2..4),

Name of the Sub\_IE: (CodebookParameters)

amplitudeScalingType ENUMERATED {wideband, widebandAndSubband},

Name of the Sub\_IE: (CodebookParameters)

amplitudeSubsetRestriction ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CodebookParameters)

} OPTIONAL,

Name of the Sub\_IE: (CodebookParameters)

type2-PortSelection SEQUENCE {

Name of the Sub\_IE: (CodebookParameters)

supportedCSI-RS-ResourceList SEQUENCE (SIZE (1.. maxNrofCSI-RS-Resources)) OF SupportedCSI-RS-Resource,

Name of the Sub\_IE: (CodebookParameters)

parameterLx INTEGER (2..4),

Name of the Sub\_IE: (CodebookParameters)

amplitudeScalingType ENUMERATED {wideband, widebandAndSubband}

Name of the Sub\_IE: (CodebookParameters)

} OPTIONAL

Name of the Sub\_IE: (CodebookParameters-v1610)

supportedCSI-RS-ResourceListAlt-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParameters-v1610)

type1-SinglePanel-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-Resources)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16) OPTIONAL,

Name of the Sub\_IE: (CodebookParameters-v1610)

type1-MultiPanel-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-Resources)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16) OPTIONAL,

Name of the Sub\_IE: (CodebookParameters-v1610)

type2-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-Resources)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16) OPTIONAL,

Name of the Sub\_IE: (CodebookParameters-v1610)

type2-PortSelection-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-Resources)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16) OPTIONAL

Name of the Sub\_IE: (CodebookParameters-v1610)

} OPTIONAL

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3a Regular eType 2 R=1

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2R1-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF

Name of the Sub\_IE: (CodebookParametersAddition-r16)

INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAddition-r16)

},

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3a-1 Regular eType 2 R=2

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2R2-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF

Name of the Sub\_IE: (CodebookParametersAddition-r16)

INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3a-2: Support of parameter combinations 7-8

Name of the Sub\_IE: (CodebookParametersAddition-r16)

paramComb7-8-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3a-3: Support of rank 3,4

Name of the Sub\_IE: (CodebookParametersAddition-r16)

rank3-4-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3a-4: CBSR with soft amplitude restriction

Name of the Sub\_IE: (CodebookParametersAddition-r16)

amplitudeSubsetRestriction-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CodebookParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2-PS-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3b Regular eType 2 R=1 PortSelection

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2R1-PortSelection-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF

Name of the Sub\_IE: (CodebookParametersAddition-r16)

INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAddition-r16)

},

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3b-1 Regular eType 2 R=2 PortSelection

Name of the Sub\_IE: (CodebookParametersAddition-r16)

etype2R2-PortSelection-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF

Name of the Sub\_IE: (CodebookParametersAddition-r16)

INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAddition-r16)

-- R1 16-3b-2: Support of rank 3,4

Name of the Sub\_IE: (CodebookParametersAddition-r16)

rank3-4-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CodebookParametersAddition-r16)

} OPTIONAL

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

-- R1 16-8 Mixed codebook types

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-Type2-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-Type2PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-eType2R1-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-eType2R2-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-eType2R1PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-eType2R2PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1SP-Type2-Type2PS-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-Type2-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-Type2PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-eType2R1-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-eType2R2-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-eType2R1PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-eType2R2PS-null-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

type1MP-Type2-Type2PS-r16 SEQUENCE {

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

supportedCSI-RS-ResourceListAdd-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAddition-r16)

} OPTIONAL

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

-- R1 23-9-1 Basic Features of Further Enhanced Port-Selection Type II Codebook (FeType-II)

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

fetype2basic-r17 SEQUENCE (SIZE (1.. maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16),

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

-- R1 23-9-2 Support of M=2 and R=1 for FeType-II

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

fetype2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r17)) OF INTEGER (0.. maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

-- R1 23-9-4 Support of R = 2 for FeType-II

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

fetype2R2-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r17)) OF INTEGER (0.. maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

-- R1 23-9-3 Support of rank 3, 4 for FeType-II

Name of the Sub\_IE: (CodebookParametersfetype2-r17)

fetype2Rank3Rank4-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

-- R1 23-9-5 Active CSI-RS resources and ports for mixed codebook types in any slot

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-feType2PS-M2R2-null-r1 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1SP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-feType2PS-M2R2-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

type1MP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedType-r17)

OPTIONAL

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

-- R1 23-7-1b Active CSI-RS resources and ports in the presence of multi-TRP CSI

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

-- {Codebook 2, Codebook 3} =(NULL, NULL}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-null-null SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-null-null SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

-- {Codebook 2, Codebook 3} = {( {"Rel 16 combinations in FG 16-8"}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

-- {Codebook 2, Codebook 3} = {"New Rel17 combinations in FG 23-9-5"}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-feType2PS-M2R2-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-feType2PS-M2R2-null-r1 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

nCJT1SP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-r17)

OPTIONAL

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

-- R1 16-3a Regular eType 2 R=1

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

etype2R1-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

-- R1 16-3a-1 Regular eType 2 R=2

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

etype2R2-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

-- R1 16-3b Regular eType 2 R=1 PortSelection

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

etype2R1-PortSelection-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

-- R1 16-3b-1 Regular eType 2 R=2 PortSelection

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

etype2R2-PortSelection-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersAdditionPerBC-r16)

OPTIONAL

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

-- R1 16-8 Mixed codebook types

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1SP-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

type1MP-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParametersAdditionPerBC-r16)

OPTIONAL

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

-- R1 23-9-1 Basic Features of Further Enhanced Port-Selection Type II Codebook (FeType-II)

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

fetype2basic-r17 SEQUENCE (SIZE (1.. maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16),

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

-- R1 23-9-2 Support of M=2 and R=1 for FeType-II

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

fetype2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r17)) OF INTEGER (0.. maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

-- R1 23-9-4 Support of R = 2 for FeType-II

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

fetype2R2-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r17)) OF INTEGER (0.. maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookParametersfetype2PerBC-r17)

OPTIONAL

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

-- R1 23-9-5 Active CSI-RS resources and ports for mixed codebook types in any slot

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-feType2PS-M2R2-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1SP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-feType2PS-M2R2-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

type1MP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMixedTypePerBC-r17)

OPTIONAL

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

-- R1 23-7-1b Active CSI-RS resources and ports in the presence of multi-TRP CSI

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

-- {Codebook 2, Codebook 3} =(NULL, NULL}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-null-null SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-null-null SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

-- {Codebook 2, Codebook 3} = {( {"Rel 16 combinations in FG 16-8"}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-Type2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-Type2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R1-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R2-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R1PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R2PS-null-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-Type2-Type2PS-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

-- {Codebook 2, Codebook 3} = {"New Rel17 combinations in FG 23-9-5"}

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-feType2PS-M2R2-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-feType2PS-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-feType2PS-M2R1-null-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-feType2PS-M2R2-null-r1 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-Type2-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-Type2-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R1-feType2-PS-M1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL,

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

nCJT1SP-eType2R1-feType2-PS-M2R1-r17 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesExt-r16)) OF INTEGER (0..maxNrofCSI-RS-ResourcesAlt-1-r16)

Name of the Sub\_IE: (CodebookComboParameterMultiTRP-PerBC-r17)

OPTIONAL

Name of the Sub\_IE: (CodebookVariantsList-r16)

CodebookVariantsList-r16 SEQUENCE (SIZE (1..maxNrofCSI-RS-ResourcesAlt-r16)) OF SupportedCSI-RS-Resource

Name of the Sub\_IE: (SupportedCSI-RS-Resource)

maxNumberTxPortsPerResource ENUMERATED {p2, p4, p8, p12, p16, p24, p32},

Name of the Sub\_IE: (SupportedCSI-RS-Resource)

maxNumberResourcesPerBand INTEGER (1..64),

Name of the Sub\_IE: (SupportedCSI-RS-Resource)

totalNumberTxPortsPerBand INTEGER (2..256)

Name of the IE: (FEATURESETCOMBINATION)

Name of the Sub\_IE: (FeatureSetCombination)

FeatureSetCombination SEQUENCE (SIZE (1..maxSimultaneousBands)) OF FeatureSetsPerBand

Name of the Sub\_IE: (FeatureSetsPerBand)

FeatureSetsPerBand SEQUENCE (SIZE (1..maxFeatureSetsPerBand)) OF FeatureSet

Name of the Sub\_IE: (FeatureSet)

eutra SEQUENCE {

Name of the Sub\_IE: (FeatureSet)

downlinkSetEUTRA FeatureSetEUTRA-DownlinkId,

Name of the Sub\_IE: (FeatureSet)

uplinkSetEUTRA FeatureSetEUTRA-UplinkId

Name of the Sub\_IE: (FeatureSet)

},

Name of the Sub\_IE: (FeatureSet)

nr SEQUENCE {

Name of the Sub\_IE: (FeatureSet)

downlinkSetNR FeatureSetDownlinkId,

Name of the Sub\_IE: (FeatureSet)

uplinkSetNR FeatureSetUplinkId

Name of the IE: (FEATURESETCOMBINATIONID)

Name of the IE: (FEATURESETDOWNLINK)

Name of the Sub\_IE: (FeatureSetDownlink)

featureSetListPerDownlinkCC SEQUENCE (SIZE (1..maxNrofServingCells)) OF FeatureSetDownlinkPerCC-Id,

Name of the Sub\_IE: (FeatureSetDownlink)

intraBandFreqSeparationDL FreqSeparationClass OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scalingFactor ENUMERATED {f0p4, f0p75, f0p8} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy8 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scellWithoutSSB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

csi-RS-MeasSCellWithoutSSB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

type1-3-CSS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

pdcch-MonitoringAnyOccasions ENUMERATED {withoutDCI-Gap, withDCI-Gap} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

ue-SpecificUL-DL-Assignment ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

searchSpaceSharingCA-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

timeDurationForQCL SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink)

scs-60kHz ENUMERATED {s7, s14, s28} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scs-120kHz ENUMERATED {s14, s28} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

pdsch-ProcessingType1-DifferentTB-PerSlot SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink)

scs-15kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scs-30kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scs-60kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

scs-120kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy3 DummyA OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy4 SEQUENCE (SIZE (1.. maxNrofCodebooks)) OF DummyB OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy5 SEQUENCE (SIZE (1.. maxNrofCodebooks)) OF DummyC OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy6 SEQUENCE (SIZE (1.. maxNrofCodebooks)) OF DummyD OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink)

dummy7 SEQUENCE (SIZE (1.. maxNrofCodebooks)) OF DummyE OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

oneFL-DMRS-TwoAdditionalDMRS-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

additionalDMRS-DL-Alt ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

twoFL-DMRS-TwoAdditionalDMRS-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

oneFL-DMRS-ThreeAdditionalDMRS-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

pdcch-MonitoringAnyOccasionsWithSpanGap SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-15kHz ENUMERATED {set1, set2, set3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-30kHz ENUMERATED {set1, set2, set3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-60kHz ENUMERATED {set1, set2, set3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-120kHz ENUMERATED {set1, set2, set3} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

pdsch-SeparationWithGap ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

pdsch-ProcessingType2 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-15kHz ProcessingParameters OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-30kHz ProcessingParameters OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

scs-60kHz ProcessingParameters OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

pdsch-ProcessingType2-Limited SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

differentTB-PerSlot-SCS-30kHz ENUMERATED {upto1, upto2, upto4, upto7}

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1540)

dl-MCS-TableAlt-DynamicIndication ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v15a0)

supportedSRS-Resources SRS-Resources OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 22-4e/4f/4g/4h: CBG based reception for DL with unicast PDSCH(s) per slot per CC with UE processing time Capability 1

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

cbgPDSCH-ProcessingType1-DifferentTB-PerSlot-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-60kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-120kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 22-3e/3f/3g/3h: CBG based reception for DL with unicast PDSCH(s) per slot per CC with UE processing time Capability 2

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

cbgPDSCH-ProcessingType2-DifferentTB-PerSlot-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-60kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-120kHz-r16 ENUMERATED {one, upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

intraFreqDAPS-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

intraFreqDiffSCS-DAPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

intraFreqAsyncDAPS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

intraBandFreqSeparationDL-v1620 FreqSeparationClassDL-v1620 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

intraBandFreqSeparationDL-Only-r16 FreqSeparationClassDL-Only-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 11-2: Rel-16 PDCCH monitoring capability

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

pdcch-Monitoring-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

pdsch-ProcessingType1-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-r16 PDCCH-MonitoringOccasions-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-r16 PDCCH-MonitoringOccasions-r16 OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

pdsch-ProcessingType2-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-r16 PDCCH-MonitoringOccasions-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-r16 PDCCH-MonitoringOccasions-r16 OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 11-2b: Mix of Rel. 16 PDCCH monitoring capability and Rel. 15 PDCCH monitoring capability on different carriers

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

pdcch-MonitoringMixed-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 18-5c: Processing up to X unicast DCI scheduling for DL per scheduled CC

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

crossCarrierSchedulingProcessing-DiffSCS-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-120kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-60kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-120kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-15kHz-30kHz-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-30kHz-60kHz-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

scs-60kHz-120kHz-r16 ENUMERATED {n2} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

-- R1 16-2b-1: Support of single-DCI based SDM scheme

Name of the Sub\_IE: (FeatureSetDownlink-v1610)

singleDCI-SDM-scheme-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 36-2: Scaling factor to be applied to 1024QAM for FR1

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scalingFactor-1024QAM-FR1-r17 ENUMERATED {f0p4, f0p75, f0p8} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 24 feature for existing UE cap to include new SCS

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

timeDurationForQCL-v1710 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-480kHz ENUMERATED {s56, s112} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-960kHz ENUMERATED {s112, s224} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-1 SFN scheme A (scheme 1) for PDSCH and PDCCH

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-1-1 SFN scheme A (scheme 1) for PDCCH only

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeA-PDCCH-only-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-1a Dynamic switching - scheme A

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeA-DynamicSwitching-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-1b SFN scheme A (scheme 1) for PDSCH only

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeA-PDSCH-only-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-2 SFN scheme B (TRP based pre-compensation) for PDSCH and PDCCH

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-2a Dynamic switching - scheme B

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeB-DynamicSwitching-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-6-2b SFN scheme B (TRP based pre-compensation) for PDSCH only

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

sfn-SchemeB-PDSCH-only-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-2-1d PDCCH repetition for Case 2 PDCCH monitoring with a span gap

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

mTRP-PDCCH-Case2-1SpanGap-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-15kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-30kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-60kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-120kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-2-1e PDCCH repetition for Rel-16 PDCCH monitoring

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

mTRP-PDCCH-legacyMonitoring-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-15kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

scs-30kHz-r17 PDCCH-RepetitionParameters-r17 OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-2-4 Simultaneous configuration of PDCCH repetition and multi-DCI based multi-TRP

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

mTRP-PDCCH-multiDCI-multiTRP-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 33-2: Dynamic scheduling for multicast for PCell

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

dynamicMulticastPCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

-- R1 23-2-1 PDCCH repetition

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

mTRP-PDCCH-Repetition-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

numBD-twoPDCCH-r17 INTEGER (2..3),

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

maxNumOverlaps-r17 ENUMERATED {n1,n2,n3,n5,n10,n20,n40}

Name of the Sub\_IE: (FeatureSetDownlink-v1700)

} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

-- R1 25-19: RTT-based Propagation delay compensation based on CSI-RS for tracking and SRS

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

rtt-BasedPDC-CSI-RS-ForTracking-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

-- R1 25-19a: RTT-based Propagation delay compensation based on DL PRS for RTT-based PDC and SRS

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

rtt-BasedPDC-PRS-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

maxNumberPRS-Resource-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

maxNumberPRS-ResourceProcessedPerSlot-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

scs-15kHz-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

scs-30kHz-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

scs-60kHz-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

scs-120kHz-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

-- R1 33-5-1: SPS group-common PDSCH for multicast on PCell

Name of the Sub\_IE: (FeatureSetDownlink-v1720)

sps-Multicast-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlink-v1730)

-- R1 25-19b: Support of PRS as spatial relation RS for SRS

Name of the Sub\_IE: (FeatureSetDownlink-v1730)

prs-AsSpatialRelationRS-For-SRS-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (PDCCH-MonitoringOccasions-r16)

period7span3-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCCH-MonitoringOccasions-r16)

period4span3-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCCH-MonitoringOccasions-r16)

period2span2-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (PDCCH-RepetitionParameters-r17)

supportedMode-r17 ENUMERATED {intra-span, inter-span, both},

Name of the Sub\_IE: (PDCCH-RepetitionParameters-r17)

limitX-PerCC-r17 ENUMERATED {n4, n8, n16, n32, n44, n64, nolimit} OPTIONAL,

Name of the Sub\_IE: (PDCCH-RepetitionParameters-r17)

limitX-AcrossCC-r17 ENUMERATED {n4, n8, n16, n32, n44, n64, n128, n256, n512, nolimit} OPTIONAL

Name of the Sub\_IE: (DummyA)

maxNumberNZP-CSI-RS-PerCC INTEGER (1..32),

Name of the Sub\_IE: (DummyA)

maxNumberPortsAcrossNZP-CSI-RS-PerCC ENUMERATED {p2, p4, p8, p12, p16, p24, p32, p40, p48, p56, p64, p72, p80,

Name of the Sub\_IE: (DummyA)

p88, p96, p104, p112, p120, p128, p136, p144, p152, p160, p168,

Name of the Sub\_IE: (DummyA)

p176, p184, p192, p200, p208, p216, p224, p232, p240, p248, p256},

Name of the Sub\_IE: (DummyA)

maxNumberCS-IM-PerCC ENUMERATED {n1, n2, n4, n8, n16, n32},

Name of the Sub\_IE: (DummyA)

maxNumberSimultaneousCSI-RS-ActBWP-AllCC ENUMERATED {n5, n6, n7, n8, n9, n10, n12, n14, n16, n18, n20, n22, n24, n26,

Name of the Sub\_IE: (DummyA)

n28, n30, n32, n34, n36, n38, n40, n42, n44, n46, n48, n50, n52,

Name of the Sub\_IE: (DummyA)

n54, n56, n58, n60, n62, n64},

Name of the Sub\_IE: (DummyA)

totalNumberPortsSimultaneousCSI-RS-ActBWP-AllCC ENUMERATED {p8, p12, p16, p24, p32, p40, p48, p56, p64, p72, p80,

Name of the Sub\_IE: (DummyA)

p88, p96, p104, p112, p120, p128, p136, p144, p152, p160, p168,

Name of the Sub\_IE: (DummyA)

p176, p184, p192, p200, p208, p216, p224, p232, p240, p248, p256}

Name of the Sub\_IE: (DummyB)

maxNumberTxPortsPerResource ENUMERATED {p2, p4, p8, p12, p16, p24, p32},

Name of the Sub\_IE: (DummyB)

maxNumberResources INTEGER (1..64),

Name of the Sub\_IE: (DummyB)

totalNumberTxPorts INTEGER (2..256),

Name of the Sub\_IE: (DummyB)

supportedCodebookMode ENUMERATED {mode1, mode1AndMode2},

Name of the Sub\_IE: (DummyB)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the Sub\_IE: (DummyC)

maxNumberTxPortsPerResource ENUMERATED {p8, p16, p32},

Name of the Sub\_IE: (DummyC)

maxNumberResources INTEGER (1..64),

Name of the Sub\_IE: (DummyC)

totalNumberTxPorts INTEGER (2..256),

Name of the Sub\_IE: (DummyC)

supportedCodebookMode ENUMERATED {mode1, mode2, both},

Name of the Sub\_IE: (DummyC)

supportedNumberPanels ENUMERATED {n2, n4},

Name of the Sub\_IE: (DummyC)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the Sub\_IE: (DummyD)

maxNumberTxPortsPerResource ENUMERATED {p4, p8, p12, p16, p24, p32},

Name of the Sub\_IE: (DummyD)

maxNumberResources INTEGER (1..64),

Name of the Sub\_IE: (DummyD)

totalNumberTxPorts INTEGER (2..256),

Name of the Sub\_IE: (DummyD)

parameterLx INTEGER (2..4),

Name of the Sub\_IE: (DummyD)

amplitudeScalingType ENUMERATED {wideband, widebandAndSubband},

Name of the Sub\_IE: (DummyD)

amplitudeSubsetRestriction ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (DummyD)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the Sub\_IE: (DummyE)

maxNumberTxPortsPerResource ENUMERATED {p4, p8, p12, p16, p24, p32},

Name of the Sub\_IE: (DummyE)

maxNumberResources INTEGER (1..64),

Name of the Sub\_IE: (DummyE)

totalNumberTxPorts INTEGER (2..256),

Name of the Sub\_IE: (DummyE)

parameterLx INTEGER (2..4),

Name of the Sub\_IE: (DummyE)

amplitudeScalingType ENUMERATED {wideband, widebandAndSubband},

Name of the Sub\_IE: (DummyE)

maxNumberCSI-RS-PerResourceSet INTEGER (1..8)

Name of the IE: (FEATURESETDOWNLINKID)

Name of the IE: (FEATURESETDOWNLINKPERCC)

Name of the Sub\_IE: (FeatureSetDownlinkPerCC)

supportedSubcarrierSpacingDL SubcarrierSpacing,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC)

supportedBandwidthDL SupportedBandwidth,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC)

channelBW-90mhz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC)

maxNumberMIMO-LayersPDSCH MIMO-LayersDL OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC)

supportedModulationOrderDL ModulationOrder OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1620)

-- R1 16-2a: Mulit-DCI based multi-TRP

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1620)

multiDCI-MultiTRP-r16 MultiDCI-MultiTRP-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1620)

-- R1 16-2b-3: Support of single-DCI based FDMSchemeB

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1620)

supportFDM-SchemeB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

supportedMinBandwidthDL-r17 SupportedBandwidth-v1700 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

broadcastSCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

-- R1 33-2g: MIMO layers for multicast PDSCH

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

maxNumberMIMO-LayersMulticastPDSCH-r17 ENUMERATED {n2, n4, n8} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

-- R1 33-2h: Dynamic scheduling for multicast for SCell

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

dynamicMulticastSCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

supportedBandwidthDL-v1710 SupportedBandwidth-v1700 OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

-- R4 24-1/24-2/24-3/24-4/24-5

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1700)

supportedCRS-InterfMitigation-r17 CRS-InterfMitigation-r17 OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

-- R1 33-2j: Supported maximum modulation order used for maximum data rate calculation for multicast PDSCH

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

maxModulationOrderForMulticastDataRateCalculation-r17 ENUMERATED {qam64, qam256, qam1024} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

-- R1 33-1-2: FDM-ed unicast PDSCH and group-common PDSCH for broadcast

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

fdm-BroadcastUnicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

-- R1 33-3-2: FDM-ed unicast PDSCH and one group-common PDSCH for multicast

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1720)

fdm-MulticastUnicast-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

-- R1 33-3-3: Intra-slot TDM-ed unicast PDSCH and group-common PDSCH

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

intraSlotTDM-UnicastGroupCommonPDSCH-r17 ENUMERATED {yes, no} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

-- R1 33-5-3: One SPS group-common PDSCH configuration for multicast for SCell

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

sps-MulticastSCell-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

-- R1 33-5-4: Up to 8 SPS group-common PDSCH configurations per CFR for multicast for SCell

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

sps-MulticastSCellMultiConfig-r17 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

-- R1 33-1-1: Dynamic slot-level repetition for broadcast MTCH

Name of the Sub\_IE: (FeatureSetDownlinkPerCC-v1730)

dci-BroadcastWith16Repetitions-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MultiDCI-MultiTRP-r16)

maxNumberCORESET-r16 ENUMERATED {n2, n3, n4, n5},

Name of the Sub\_IE: (MultiDCI-MultiTRP-r16)

maxNumberCORESETPerPoolIndex-r16 INTEGER (1..3),

Name of the Sub\_IE: (MultiDCI-MultiTRP-r16)

maxNumberUnicastPDSCH-PerPool-r16 ENUMERATED {n1, n2, n3, n4, n7}

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

-- R4 24-1 CRS-IM (Interference Mitigation) in DSS scenario

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

crs-IM-DSS-15kHzSCS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

-- R4 24-2 CRS-IM in non-DSS and 15 kHz NR SCS scenario, without the assistance of network signaling on LTE channel bandwidth

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

crs-IM-nonDSS-15kHzSCS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

-- R4 24-3 CRS-IM in non-DSS and 15 kHz NR SCS scenario, with the assistance of network signaling on LTE channel bandwidth

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

crs-IM-nonDSS-NWA-15kHzSCS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

-- R4 24-4 CRS-IM in non-DSS and 30 kHz NR SCS scenario, without the assistance of network signaling on LTE channel bandwidth

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

crs-IM-nonDSS-30kHzSCS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

-- R4 24-5 CRS-IM in non-DSS and 30 kHz NR SCS scenario, with the assistance of network signaling on LTE channel bandwidth

Name of the Sub\_IE: (CRS-InterfMitigation-r17)

crs-IM-nonDSS-NWA-30kHzSCS-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (FEATURESETDOWNLINKPERCC-ID)

Name of the IE: (FEATURESETEUTRADOWNLINKID)

Name of the IE: (FEATURESETEUTRAUPLINKID)

Name of the IE: (FEATURESETS)

Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsDownlinkPerCC SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetDownlinkPerCC OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplink SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplinkPerCC SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetUplinkPerCC OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v1540 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v1540 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1540 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1540 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplinkPerCC-v1540 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetUplinkPerCC-v1540 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v15a0 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v15a0 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v1610 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v1610 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1610 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1610 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetDownlinkPerCC-v1620 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetDownlinkPerCC-v1620 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1630 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1630 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1640 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1640 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v1700 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v1700 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsDownlinkPerCC-v1700 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetDownlinkPerCC-v1700 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1710 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1710 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplinkPerCC-v1700 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetUplinkPerCC-v1700 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v1720 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v1720 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsDownlinkPerCC-v1720 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetDownlinkPerCC-v1720 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsUplink-v1720 SEQUENCE (SIZE (1..maxUplinkFeatureSets)) OF FeatureSetUplink-v1720 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

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Name of the Sub\_IE: (FeatureSets)

featureSetsDownlink-v1730 SEQUENCE (SIZE (1..maxDownlinkFeatureSets)) OF FeatureSetDownlink-v1730 OPTIONAL,

Name of the Sub\_IE: (FeatureSets)

featureSetsDownlinkPerCC-v1730 SEQUENCE (SIZE (1..maxPerCC-FeatureSets)) OF FeatureSetDownlinkPerCC-v1730 OPTIONAL

Name of the Sub\_IE: (FeatureSets)

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Name of the IE: (FEATURESETUPLINK)

Name of the Sub\_IE: (FeatureSetUplink)

featureSetListPerUplinkCC SEQUENCE (SIZE (1.. maxNrofServingCells)) OF FeatureSetUplinkPerCC-Id,

Name of the Sub\_IE: (FeatureSetUplink)

scalingFactor ENUMERATED {f0p4, f0p75, f0p8} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

dummy3 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

intraBandFreqSeparationUL FreqSeparationClass OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

searchSpaceSharingCA-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

dummy1 DummyI OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

supportedSRS-Resources SRS-Resources OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

twoPUCCH-Group ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

dynamicSwitchSUL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

simultaneousTxSUL-NonSUL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

pusch-ProcessingType1-DifferentTB-PerSlot SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink)

scs-15kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

scs-30kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

scs-60kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

scs-120kHz ENUMERATED {upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink)

dummy2 DummyF OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1540)

zeroSlotOffsetAperiodicSRS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

pa-PhaseDiscontinuityImpacts ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

pusch-SeparationWithGap ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

pusch-ProcessingType2 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1540)

scs-15kHz ProcessingParameters OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

scs-30kHz ProcessingParameters OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

scs-60kHz ProcessingParameters OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1540)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1540)

ul-MCS-TableAlt-DynamicIndication ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-5: PUsCH repetition Type B

Name of the Sub\_IE: (FeatureSetUplink-v1610)

pusch-RepetitionTypeB-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

maxNumberPUSCH-Tx-r16 ENUMERATED {n2, n3, n4, n7, n8, n12},

Name of the Sub\_IE: (FeatureSetUplink-v1610)

hoppingScheme-r16 ENUMERATED {interSlotHopping, interRepetitionHopping, both}

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-7: UL cancelation scheme for self-carrier

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-CancellationSelfCarrier-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-7a: UL cancelation scheme for cross-carrier

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-CancellationCrossCarrier-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 16-5c: The maximum number of SRS resources in one SRS resource set with usage set to 'codebook' for Mode 2

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-FullPwrMode2-MaxSRS-ResInSet-r16 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 22-4a/4b/4c/4d: CBG based transmission for UL with unicast PUSCH(s) per slot per CC with UE processing time Capability 1

Name of the Sub\_IE: (FeatureSetUplink-v1610)

cbgPUSCH-ProcessingType1-DifferentTB-PerSlot-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-15kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-30kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-60kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-120kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 22-3a/3b/3c/3d: CBG based transmission for UL with unicast PUSCH(s) per slot per CC with UE processing time Capability 2

Name of the Sub\_IE: (FeatureSetUplink-v1610)

cbgPUSCH-ProcessingType2-DifferentTB-PerSlot-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-15kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-30kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-60kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-120kHz-r16 ENUMERATED {one-pusch, upto2, upto4, upto7} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

supportedSRS-PosResources-r16 SRS-AllPosResources-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

intraFreqDAPS-UL-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

intraFreqTwoTAGs-DAPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy3 ENUMERATED {short, long} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

intraBandFreqSeparationUL-v1620 FreqSeparationClassUL-v1620 OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3: More than one PUCCH for HARQ-ACK transmission within a slot

Name of the Sub\_IE: (FeatureSetUplink-v1610)

multiPUCCH-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

sub-SlotConfig-NCP-r16 ENUMERATED {set1, set2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

sub-SlotConfig-ECP-r16 ENUMERATED {set1, set2} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3c: 2 PUCCH of format 0 or 2 for a single 7\*2-symbol subslot based HARQ-ACK codebook

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3d: 2 PUCCH of format 0 or 2 for a single 2\*7-symbol subslot based HARQ-ACK codebook

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3e: 1 PUCCH format 0 or 2 and 1 PUCCH format 1, 3 or 4 in the same subslot for a single 2\*7-symbol HARQ-ACK codebooks

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type3-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3f: 2 PUCCH transmissions in the same subslot for a single 2\*7-symbol HARQ-ACK codebooks which are not covered by 11-3d and

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- 11-3e

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type4-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-3g: SR/HARQ-ACK multiplexing once per subslot using a PUCCH (or HARQ-ACK piggybacked on a PUSCH) when SR/HARQ-ACK

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- are supposed to be sent with different starting symbols in a subslot

Name of the Sub\_IE: (FeatureSetUplink-v1610)

mux-SR-HARQ-ACK-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

dummy2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4c: 2 PUCCH of format 0 or 2 for two HARQ-ACK codebooks with one 7\*2-symbol sub-slot based HARQ-ACK codebook

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type5-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4d: 2 PUCCH of format 0 or 2 in consecutive symbols for two HARQ-ACK codebooks with one 2\*7-symbol sub-slot based HARQ-ACK

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- codebook

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type6-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4e: 2 PUCCH of format 0 or 2 for two subslot based HARQ-ACK codebooks

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type7-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4f: 1 PUCCH format 0 or 2 and 1 PUCCH format 1, 3 or 4 in the same subslot for HARQ-ACK codebooks with one 2\*7-symbol

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- subslot based HARQ-ACK codebook

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type8-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4g: 1 PUCCH format 0 or 2 and 1 PUCCH format 1, 3 or 4 in the same subslot for two subslot based HARQ-ACK codebooks

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type9-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4h: 2 PUCCH transmissions in the same subslot for two HARQ-ACK codebooks with one 2\*7-symbol subslot which are not covered

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- by 11-4c and 11-4e

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type10-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 11-4i: 2 PUCCH transmissions in the same subslot for two subslot based HARQ-ACK codebooks which are not covered by 11-4d and

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- 11-4f

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPUCCH-Type11-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 12-1: UL intra-UE multiplexing/prioritization of overlapping channel/signals with two priority levels in physical layer

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-IntraUE-Mux-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

pusch-PreparationLowPriority-r16 ENUMERATED {sym0, sym1, sym2},

Name of the Sub\_IE: (FeatureSetUplink-v1610)

pusch-PreparationHighPriority-r16 ENUMERATED {sym0, sym1, sym2}

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 16-5a: Supported UL full power transmission mode of fullpower

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-FullPwrMode-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 18-5d: Processing up to X unicast DCI scheduling for UL per scheduled CC

Name of the Sub\_IE: (FeatureSetUplink-v1610)

crossCarrierSchedulingProcessing-DiffSCS-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-15kHz-120kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-15kHz-60kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-30kHz-120kHz-r16 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-15kHz-30kHz-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-30kHz-60kHz-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

scs-60kHz-120kHz-r16 ENUMERATED {n2} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 16-5b: Supported UL full power transmission mode of fullpowerMode1

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-FullPwrMode1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 16-5c-2: Ports configuration for Mode 2

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-FullPwrMode2-SRSConfig-diffNumSRSPorts-r16 ENUMERATED {p1-2, p1-4, p1-2-4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

-- R1 16-5c-3: TPMI group for Mode 2

Name of the Sub\_IE: (FeatureSetUplink-v1610)

ul-FullPwrMode2-TPMIGroup-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1610)

twoPorts-r16 BIT STRING(SIZE(2)) OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

fourPortsNonCoherent-r16 ENUMERATED{g0, g1, g2, g3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1610)

fourPortsPartialCoherent-r16 ENUMERATED{g0, g1, g2, g3, g4, g5, g6} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1610)

} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- R1 22-8: For SRS for CB PUSCH and antenna switching on FR1 with symbol level offset for aperiodic SRS transmission

Name of the Sub\_IE: (FeatureSetUplink-v1630)

offsetSRS-CB-PUSCH-Ant-Switch-fr1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- R1 22-8a: PDCCH monitoring on any span of up to 3 consecutive OFDM symbols of a slot and constrained timeline for SRS for CB

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- PUSCH and antenna switching on FR1

Name of the Sub\_IE: (FeatureSetUplink-v1630)

offsetSRS-CB-PUSCH-PDCCH-MonitorSingleOcc-fr1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- R1 22-8b: For type 1 CSS with dedicated RRC configuration, type 3 CSS, and UE-SS, monitoring occasion can be any OFDM symbol(s)

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- of a slot for Case 2 and constrained timeline for SRS for CB PUSCH and antenna switching on FR1

Name of the Sub\_IE: (FeatureSetUplink-v1630)

offsetSRS-CB-PUSCH-PDCCH-MonitorAnyOccWithoutGap-fr1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- R1 22-8c: For type 1 CSS with dedicated RRC configuration, type 3 CSS, and UE-SS, monitoring occasion can be any OFDM symbol(s)

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- of a slot for Case 2 with a DCI gap and constrained timeline for SRS for CB PUSCH and antenna switching on FR1

Name of the Sub\_IE: (FeatureSetUplink-v1630)

offsetSRS-CB-PUSCH-PDCCH-MonitorAnyOccWithGap-fr1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1630)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1630)

-- R1 22-9: Cancellation of PUCCH, PUSCH or PRACH with a DCI scheduling a PDSCH or CSI-RS or a DCI format 2\_0 for SFI

Name of the Sub\_IE: (FeatureSetUplink-v1630)

partialCancellationPUCCH-PUSCH-PRACH-TX-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- R1 11-4: Two HARQ-ACK codebooks with up to one sub-slot based HARQ-ACK codebook (i.e. slot-based + slot-based, or slot-based +

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- sub-slot based) simultaneously constructed for supporting HARQ-ACK codebooks with different priorities at a UE

Name of the Sub\_IE: (FeatureSetUplink-v1640)

twoHARQ-ACK-Codebook-type1-r16 SubSlot-Config-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- R1 11-4a: Two sub-slot based HARQ-ACK codebooks simultaneously constructed for supporting HARQ-ACK codebooks with different

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- priorities at a UE

Name of the Sub\_IE: (FeatureSetUplink-v1640)

twoHARQ-ACK-Codebook-type2-r16 SubSlot-Config-r16 OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- R1 22-8d: All PDCCH monitoring occasion can be any OFDM symbol(s) of a slot for Case 2 with a span gap and constrained timeline

Name of the Sub\_IE: (FeatureSetUplink-v1640)

-- for SRS for CB PUSCH and antenna switching on FR1

Name of the Sub\_IE: (FeatureSetUplink-v1640)

offsetSRS-CB-PUSCH-PDCCH-MonitorAnyOccWithSpanGap-fr1-r16 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1640)

scs-15kHz-r16 ENUMERATED {set1, set2, set3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1640)

scs-30kHz-r16 ENUMERATED {set1, set2, set3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1640)

scs-60kHz-r16 ENUMERATED {set1, set2, set3} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1640)

} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-3-1 Multi-TRP PUSCH repetition (type A) -codebook based

Name of the Sub\_IE: (FeatureSetUplink-v1710)

mTRP-PUSCH-TypeA-CB-r17 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-3-1-2 Multi-TRP PUSCH repetition (type A) - non-codebook based

Name of the Sub\_IE: (FeatureSetUplink-v1710)

mTRP-PUSCH-RepetitionTypeA-r17 ENUMERATED {n1,n2,n3,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-3-3 Multi-TRP PUCCH repetition-intra-slot

Name of the Sub\_IE: (FeatureSetUplink-v1710)

mTRP-PUCCH-IntraSlot-r17 ENUMERATED {pf0-2, pf1-3-4, pf0-4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-8-4 Maximum 2 SP and 1 periodic SRS sets for antenna switching

Name of the Sub\_IE: (FeatureSetUplink-v1710)

srs-AntennaSwitching2SP-1Periodic-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-8-9 Extension of aperiodic SRS configuration for 1T4R, 1T2R and 2T4R

Name of the Sub\_IE: (FeatureSetUplink-v1710)

srs-ExtensionAperiodicSRS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R1 23-8-10 1 aperiodic SRS resource set for 1T4R

Name of the Sub\_IE: (FeatureSetUplink-v1710)

srs-OneAP-SRS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R4 16-8 UE power class per band per band combination

Name of the Sub\_IE: (FeatureSetUplink-v1710)

ue-PowerClassPerBandPerBC-r17 ENUMERATED {pc1dot5, pc2, pc3} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1710)

-- R4 17-8 UL transmission in FR2 bands within an UL gap when the UL gap is activated

Name of the Sub\_IE: (FeatureSetUplink-v1710)

tx-Support-UL-GapFR2-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-3: Repetitions for PUCCH format 0, 1, 2, 3 and 4 over multiple PUCCH subslots with configured K = 2, 4, 8

Name of the Sub\_IE: (FeatureSetUplink-v1720)

pucch-Repetition-F0-1-2-3-4-RRC-Config-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-3a: Repetitions for PUCCH format 0, 1, 2, 3 and 4 over multiple PUCCH subslots using dynamic repetition indication

Name of the Sub\_IE: (FeatureSetUplink-v1720)

pucch-Repetition-F0-1-2-3-4-DynamicIndication-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-3b: Inter-subslot frequency hopping for PUCCH repetitions

Name of the Sub\_IE: (FeatureSetUplink-v1720)

interSubslotFreqHopping-PUCCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-8: Semi-static HARQ-ACK codebook for sub-slot PUCCH

Name of the Sub\_IE: (FeatureSetUplink-v1720)

semiStaticHARQ-ACK-CodebookSub-SlotPUCCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-14: PHY prioritization of overlapping low-priority DG-PUSCH and high-priority CG-PUSCH

Name of the Sub\_IE: (FeatureSetUplink-v1720)

phy-PrioritizationLowPriorityDG-HighPriorityCG-r17 INTEGER(1..16) OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R1 25-15: PHY prioritization of overlapping high-priority DG-PUSCH and low-priority CG-PUSCH

Name of the Sub\_IE: (FeatureSetUplink-v1720)

phy-PrioritizationHighPriorityDG-LowPriorityCG-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1720)

pusch-PreparationLowPriority-r17 ENUMERATED{sym0, sym1, sym2},

Name of the Sub\_IE: (FeatureSetUplink-v1720)

additionalCancellationTime-r17 SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplink-v1720)

scs-15kHz-r17 ENUMERATED{sym0, sym1, sym2} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

scs-30kHz-r17 ENUMERATED{sym0, sym1, sym2, sym3, sym4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

scs-60kHz-r17 ENUMERATED{sym0, sym1, sym2, sym3, sym4, sym5, sym6, sym7, sym8} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

scs-120kHz-r17 ENUMERATED{sym0, sym1, sym2, sym3, sym4, sym5, sym6, sym7, sym8, sym9,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

sym10, sym11, sym12, sym13, sym14, sym15, sym16} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplink-v1720)

},

Name of the Sub\_IE: (FeatureSetUplink-v1720)

maxNumberCarriers-r17 INTEGER(1..16)

Name of the Sub\_IE: (FeatureSetUplink-v1720)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplink-v1720)

-- R4 17-5 Support of UL DC location(s) report

Name of the Sub\_IE: (FeatureSetUplink-v1720)

extendedDC-LocationReport-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SubSlot-Config-r16)

sub-SlotConfig-NCP-r16 ENUMERATED {n4,n5,n6,n7} OPTIONAL,

Name of the Sub\_IE: (SubSlot-Config-r16)

sub-SlotConfig-ECP-r16 ENUMERATED {n4,n5,n6} OPTIONAL

Name of the Sub\_IE: (SRS-AllPosResources-r16)

srs-PosResources-r16 SRS-PosResources-r16,

Name of the Sub\_IE: (SRS-AllPosResources-r16)

srs-PosResourceAP-r16 SRS-PosResourceAP-r16 OPTIONAL,

Name of the Sub\_IE: (SRS-AllPosResources-r16)

srs-PosResourceSP-r16 SRS-PosResourceSP-r16 OPTIONAL

Name of the Sub\_IE: (SRS-PosResources-r16)

maxNumberSRS-PosResourceSetPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n12, n16},

Name of the Sub\_IE: (SRS-PosResources-r16)

maxNumberSRS-PosResourcesPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-PosResources-r16)

maxNumberSRS-ResourcesPerBWP-PerSlot-r16 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14},

Name of the Sub\_IE: (SRS-PosResources-r16)

maxNumberPeriodicSRS-PosResourcesPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-PosResources-r16)

maxNumberPeriodicSRS-PosResourcesPerBWP-PerSlot-r16 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14}

Name of the Sub\_IE: (SRS-PosResourceAP-r16)

maxNumberAP-SRS-PosResourcesPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-PosResourceAP-r16)

maxNumberAP-SRS-PosResourcesPerBWP-PerSlot-r16 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14}

Name of the Sub\_IE: (SRS-PosResourceSP-r16)

maxNumberSP-SRS-PosResourcesPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-PosResourceSP-r16)

maxNumberSP-SRS-PosResourcesPerBWP-PerSlot-r16 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14}

Name of the Sub\_IE: (SRS-Resources)

maxNumberAperiodicSRS-PerBWP ENUMERATED {n1, n2, n4, n8, n16},

Name of the Sub\_IE: (SRS-Resources)

maxNumberAperiodicSRS-PerBWP-PerSlot INTEGER (1..6),

Name of the Sub\_IE: (SRS-Resources)

maxNumberPeriodicSRS-PerBWP ENUMERATED {n1, n2, n4, n8, n16},

Name of the Sub\_IE: (SRS-Resources)

maxNumberPeriodicSRS-PerBWP-PerSlot INTEGER (1..6),

Name of the Sub\_IE: (SRS-Resources)

maxNumberSemiPersistentSRS-PerBWP ENUMERATED {n1, n2, n4, n8, n16},

Name of the Sub\_IE: (SRS-Resources)

maxNumberSemiPersistentSRS-PerBWP-PerSlot INTEGER (1..6),

Name of the Sub\_IE: (SRS-Resources)

maxNumberSRS-Ports-PerResource ENUMERATED {n1, n2, n4}

Name of the Sub\_IE: (DummyF)

maxNumberPeriodicCSI-ReportPerBWP INTEGER (1..4),

Name of the Sub\_IE: (DummyF)

maxNumberAperiodicCSI-ReportPerBWP INTEGER (1..4),

Name of the Sub\_IE: (DummyF)

maxNumberSemiPersistentCSI-ReportPerBWP INTEGER (0..4),

Name of the Sub\_IE: (DummyF)

simultaneousCSI-ReportsAllCC INTEGER (5..32)

Name of the IE: (FEATURESETUPLINKID)

Name of the IE: (FEATURESETUPLINKPERCC)

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

supportedSubcarrierSpacingUL SubcarrierSpacing,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

supportedBandwidthUL SupportedBandwidth,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

channelBW-90mhz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

mimo-CB-PUSCH SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

maxNumberMIMO-LayersCB-PUSCH MIMO-LayersUL OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

maxNumberSRS-ResourcePerSet INTEGER (1..2)

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

maxNumberMIMO-LayersNonCB-PUSCH MIMO-LayersUL OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC)

supportedModulationOrderUL ModulationOrder OPTIONAL

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1540)

mimo-NonCB-PUSCH SEQUENCE {

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1540)

maxNumberSRS-ResourcePerSet INTEGER (1..4),

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1540)

maxNumberSimultaneousSRS-ResourceTx INTEGER (1..4)

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1540)

} OPTIONAL

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

supportedMinBandwidthUL-r17 SupportedBandwidth-v1700 OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

-- R1 23-3-1-3 FeMIMO: Multi-TRP PUSCH repetition (type B) - non-codebook based

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

mTRP-PUSCH-RepetitionTypeB-r17 ENUMERATED {n1,n2,n3,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

-- R1 23-3-1-1 -codebook based Multi-TRP PUSCH repetition (type B)

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

mTRP-PUSCH-TypeB-CB-r17 ENUMERATED {n1,n2,n4} OPTIONAL,

Name of the Sub\_IE: (FeatureSetUplinkPerCC-v1700)

supportedBandwidthUL-v1710 SupportedBandwidth-v1700 OPTIONAL

Name of the IE: (FEATURESETUPLINKPERCC-ID)

Name of the IE: (FREQBANDINDICATOREUTRA)

Name of the IE: (FREQBANDLIST)

Name of the Sub\_IE: (FreqBandList)

FreqBandList SEQUENCE (SIZE (1..maxBandsMRDC)) OF FreqBandInformation

Name of the Sub\_IE: (FreqBandInformation)

bandInformationEUTRA FreqBandInformationEUTRA,

Name of the Sub\_IE: (FreqBandInformation)

bandInformationNR FreqBandInformationNR

Name of the Sub\_IE: (FreqBandInformationEUTRA)

bandEUTRA FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (FreqBandInformationEUTRA)

ca-BandwidthClassDL-EUTRA CA-BandwidthClassEUTRA OPTIONAL, -- Need N

Name of the Sub\_IE: (FreqBandInformationEUTRA)

ca-BandwidthClassUL-EUTRA CA-BandwidthClassEUTRA OPTIONAL -- Need N

Name of the Sub\_IE: (FreqBandInformationNR)

bandNR FreqBandIndicatorNR,

Name of the Sub\_IE: (FreqBandInformationNR)

maxBandwidthRequestedDL AggregatedBandwidth OPTIONAL, -- Need N

Name of the Sub\_IE: (FreqBandInformationNR)

maxBandwidthRequestedUL AggregatedBandwidth OPTIONAL, -- Need N

Name of the Sub\_IE: (FreqBandInformationNR)

maxCarriersRequestedDL INTEGER (1..maxNrofServingCells) OPTIONAL, -- Need N

Name of the Sub\_IE: (FreqBandInformationNR)

maxCarriersRequestedUL INTEGER (1..maxNrofServingCells) OPTIONAL -- Need N

Name of the Sub\_IE: (AggregatedBandwidth)

AggregatedBandwidth ENUMERATED {mhz50, mhz100, mhz150, mhz200, mhz250, mhz300, mhz350,

Name of the Sub\_IE: (AggregatedBandwidth)

mhz400, mhz450, mhz500, mhz550, mhz600, mhz650, mhz700, mhz750, mhz800}

Name of the IE: (FREQSEPARATIONCLASS)

Name of the Sub\_IE: (FreqSeparationClass)

FreqSeparationClass ENUMERATED { mhz800, mhz1200, mhz1400, ..., mhz400-v1650, mhz600-v1650}

Name of the Sub\_IE: (FreqSeparationClassDL-v1620)

FreqSeparationClassDL-v1620 ENUMERATED {mhz1000, mhz1600, mhz1800, mhz2000, mhz2200, mhz2400}

Name of the Sub\_IE: (FreqSeparationClassUL-v1620)

FreqSeparationClassUL-v1620 ENUMERATED {mhz1000}

Name of the IE: (FREQSEPARATIONCLASSDL-Only)

Name of the Sub\_IE: (FreqSeparationClassDL-Only-r16)

FreqSeparationClassDL-Only-r16 ENUMERATED {mhz200, mhz400, mhz600, mhz800, mhz1000, mhz1200}

Name of the IE: (FR2-2-ACCESSPARAMSPERBAND)

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1: Basic FR2-2 DL support

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

dl-FR2-2-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1a: Basic FR2-2 UL support

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

ul-FR2-2-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-2: 120KHz SSB support for initial access in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

initialAccessSSB-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1b: Wideband PRACH for 120 kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

widebandPRACH-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1c: Multi-RB support PUCCH format 0/1/4 for 120 kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

multiRB-PUCCH-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1d: Multiple PDSCH scheduling by single DCI for 120kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

multiPDSCH-SingleDCI-FR2-2-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-1e: Multiple PUSCH scheduling by single DCI for 120kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

multiPUSCH-SingleDCI-FR2-2-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-4: 480KHz SCS support for DL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

dl-FR2-2-SCS-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-4a: 480KHz SCS support for UL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

ul-FR2-2-SCS-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-3: 480KHz SSB support for initial access in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

initialAccessSSB-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-4b: Wideband PRACH for 480 kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

widebandPRACH-SCS-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-4c: Multi-RB support PUCCH format 0/1/4 for 480 kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

multiRB-PUCCH-SCS-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-4f: Enhanced PDCCH monitoring for 480KHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

enhancedPDCCH-monitoringSCS-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-5: 960KHz SCS support for DL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

dl-FR2-2-SCS-960kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-5a: 960KHz SCS support for UL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

ul-FR2-2-SCS-960kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-5c: Multi-RB support PUCCH format 0/1/4 for 960 kHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

multiRB-PUCCH-SCS-960kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-5f: Enhanced PDCCH monitoring for 960KHz in FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

enhancedPDCCH-monitoringSCS-960kHz-r17 SEQUENCE {

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

pdcch-monitoring4-1-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

pdcch-monitoring4-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

pdcch-monitoring8-4-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-6: Type 1 channel access procedure in uplink for FR2-2 with shared spectrum channel access

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

type1-ChannelAccess-FR2-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-7: Type 2 channel access procedure in uplink for FR2-2 with shared spectrum channel access

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

type2-ChannelAccess-FR2-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-10: Reduced beam switching time delay

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

reduced-BeamSwitchTiming-FR2-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-8: 32 DL HARQ processes for FR 2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

support32-DL-HARQ-ProcessPerSCS-r17 SEQUENCE {

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-960kHz-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R1 24-9: 32 UL HARQ processes for FR 2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

support32-UL-HARQ-ProcessPerSCS-r17 SEQUENCE {

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-480kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

scs-960kHz-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

} OPTIONAL,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

...,

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

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Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

-- R4 15-1: 64QAM for PUSCH for FR2-2

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

modulation64-QAM-PUSCH-FR2-2-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (FR2-2-AccessParamsPerBand-r17)

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Name of the IE: (HIGHSPEEDPARAMETERS)

Name of the Sub\_IE: (HighSpeedParameters-r16)

measurementEnhancement-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (HighSpeedParameters-r16)

demodulationEnhancement-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (HighSpeedParameters-v1650)

intraNR-MeasurementEnhancement-r16 ENUMERATED {supported},

Name of the Sub\_IE: (HighSpeedParameters-v1650)

interRAT-MeasurementEnhancement-r16 ENUMERATED {supported}

Name of the Sub\_IE: (HighSpeedParameters-v1700)

-- R4 18-1: Enhanced RRM requirements specified for CA for FR1 HST

Name of the Sub\_IE: (HighSpeedParameters-v1700)

measurementEnhancementCA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (HighSpeedParameters-v1700)

-- R4 18-2: Enhanced RRM requirements specified for inter-frequency measurement in connected mode for FR1 HST

Name of the Sub\_IE: (HighSpeedParameters-v1700)

measurementEnhancementInterFreq-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (IMS-PARAMETERS)

Name of the Sub\_IE: (IMS-Parameters)

ims-ParametersCommon IMS-ParametersCommon OPTIONAL,

Name of the Sub\_IE: (IMS-Parameters)

ims-ParametersFRX-Diff IMS-ParametersFRX-Diff OPTIONAL,

Name of the Sub\_IE: (IMS-Parameters)

...

Name of the Sub\_IE: (IMS-Parameters-v1700)

ims-ParametersFR2-2-r17 IMS-ParametersFR2-2-r17 OPTIONAL

Name of the Sub\_IE: (IMS-ParametersCommon)

voiceOverEUTRA-5GC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (IMS-ParametersCommon)

...,

Name of the Sub\_IE: (IMS-ParametersCommon)

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Name of the Sub\_IE: (IMS-ParametersCommon)

voiceOverSCG-BearerEUTRA-5GC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (IMS-ParametersCommon)

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Name of the Sub\_IE: (IMS-ParametersCommon)

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Name of the Sub\_IE: (IMS-ParametersCommon)

voiceFallbackIndicationEPS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (IMS-ParametersCommon)

]]

Name of the Sub\_IE: (IMS-ParametersFRX-Diff)

voiceOverNR ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (IMS-ParametersFRX-Diff)

...

Name of the Sub\_IE: (IMS-ParametersFR2-2-r17)

voiceOverNR-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (IMS-ParametersFR2-2-r17)

...

Name of the IE: (INTERRAT-PARAMETERS)

Name of the Sub\_IE: (InterRAT-Parameters)

eutra EUTRA-Parameters OPTIONAL,

Name of the Sub\_IE: (InterRAT-Parameters)

...,

Name of the Sub\_IE: (InterRAT-Parameters)

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Name of the Sub\_IE: (InterRAT-Parameters)

utra-FDD-r16 UTRA-FDD-Parameters-r16 OPTIONAL

Name of the Sub\_IE: (InterRAT-Parameters)

]]

Name of the Sub\_IE: (EUTRA-Parameters)

supportedBandListEUTRA SEQUENCE (SIZE (1..maxBandsEUTRA)) OF FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (EUTRA-Parameters)

eutra-ParametersCommon EUTRA-ParametersCommon OPTIONAL,

Name of the Sub\_IE: (EUTRA-Parameters)

eutra-ParametersXDD-Diff EUTRA-ParametersXDD-Diff OPTIONAL,

Name of the Sub\_IE: (EUTRA-Parameters)

...

Name of the Sub\_IE: (EUTRA-ParametersCommon)

mfbi-EUTRA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (EUTRA-ParametersCommon)

modifiedMPR-BehaviorEUTRA BIT STRING (SIZE (32)) OPTIONAL,

Name of the Sub\_IE: (EUTRA-ParametersCommon)

multiNS-Pmax-EUTRA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (EUTRA-ParametersCommon)

rs-SINR-MeasEUTRA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (EUTRA-ParametersCommon)

...,

Name of the Sub\_IE: (EUTRA-ParametersCommon)

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Name of the Sub\_IE: (EUTRA-ParametersCommon)

ne-DC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (EUTRA-ParametersCommon)

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Name of the Sub\_IE: (EUTRA-ParametersCommon)

[[

Name of the Sub\_IE: (EUTRA-ParametersCommon)

nr-HO-ToEN-DC-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (EUTRA-ParametersCommon)

]]

Name of the Sub\_IE: (EUTRA-ParametersXDD-Diff)

rsrqMeasWidebandEUTRA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (EUTRA-ParametersXDD-Diff)

...

Name of the Sub\_IE: (UTRA-FDD-Parameters-r16)

supportedBandListUTRA-FDD-r16 SEQUENCE (SIZE (1..maxBandsUTRA-FDD-r16)) OF SupportedBandUTRA-FDD-r16,

Name of the Sub\_IE: (UTRA-FDD-Parameters-r16)

...

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandI, bandII, bandIII, bandIV, bandV, bandVI,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandVII, bandVIII, bandIX, bandX, bandXI,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandXII, bandXIII, bandXIV, bandXV, bandXVI,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandXVII, bandXVIII, bandXIX, bandXX,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandXXI, bandXXII, bandXXIII, bandXXIV,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandXXV, bandXXVI, bandXXVII, bandXXVIII,

Name of the Sub\_IE: (SupportedBandUTRA-FDD-r16)

bandXXIX, bandXXX, bandXXXI, bandXXXII}

Name of the IE: (MAC-PARAMETERS)

Name of the Sub\_IE: (MAC-Parameters)

mac-ParametersCommon MAC-ParametersCommon OPTIONAL,

Name of the Sub\_IE: (MAC-Parameters)

mac-ParametersXDD-Diff MAC-ParametersXDD-Diff OPTIONAL

Name of the Sub\_IE: (MAC-Parameters-v1610)

mac-ParametersFRX-Diff-r16 MAC-ParametersFRX-Diff-r16 OPTIONAL

Name of the Sub\_IE: (MAC-Parameters-v1700)

mac-ParametersFR2-2-r17 MAC-ParametersFR2-2-r17 OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

lcp-Restriction ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lch-ToSCellRestriction ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

...,

Name of the Sub\_IE: (MAC-ParametersCommon)

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Name of the Sub\_IE: (MAC-ParametersCommon)

recommendedBitRate ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

recommendedBitRateQuery ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

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Name of the Sub\_IE: (MAC-ParametersCommon)

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Name of the Sub\_IE: (MAC-ParametersCommon)

recommendedBitRateMultiplier-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

preEmptiveBSR-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

autonomousTransmission-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lch-PriorityBasedPrioritization-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lch-ToConfiguredGrantMapping-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lch-ToGrantPriorityRestriction-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

singlePHR-P-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

ul-LBT-FailureDetectionRecovery-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

-- R4 8-1: MPE

Name of the Sub\_IE: (MAC-ParametersCommon)

tdd-MPE-P-MPR-Reporting-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lcid-ExtensionIAB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

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Name of the Sub\_IE: (MAC-ParametersCommon)

[[

Name of the Sub\_IE: (MAC-ParametersCommon)

spCell-BFR-CBRA-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

]],

Name of the Sub\_IE: (MAC-ParametersCommon)

[[

Name of the Sub\_IE: (MAC-ParametersCommon)

srs-ResourceId-Ext-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

]],

Name of the Sub\_IE: (MAC-ParametersCommon)

[[

Name of the Sub\_IE: (MAC-ParametersCommon)

enhancedUuDRX-forSidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

--27-10: Support of UL MAC CE based MG activation request for PRS measurements

Name of the Sub\_IE: (MAC-ParametersCommon)

mg-ActivationRequestPRS-Meas-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

--27-11: Support of DL MAC CE based MG activation request for PRS measurements

Name of the Sub\_IE: (MAC-ParametersCommon)

mg-ActivationCommPRS-Meas-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

intraCG-Prioritization-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

jointPrioritizationCG-Retx-Timer-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

survivalTime-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lcg-ExtensionIAB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

harq-FeedbackDisabled-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

uplink-Harq-ModeB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

sr-TriggeredBy-TA-Report-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

extendedDRX-CycleInactive-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

simultaneousSR-PUSCH-DiffPUCCH-groups-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersCommon)

lastTransmissionUL-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersCommon)

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Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

directMCG-SCellActivation-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

directMCG-SCellActivationResume-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

directSCG-SCellActivation-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

directSCG-SCellActivationResume-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

-- R1 19-1: DRX Adaptation

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

drx-Adaptation-r16 SEQUENCE {

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

non-SharedSpectrumChAccess-r16 MinTimeGap-r16 OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

sharedSpectrumChAccess-r16 MinTimeGap-r16 OPTIONAL

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFRX-Diff-r16)

...

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

directMCG-SCellActivation-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

directMCG-SCellActivationResume-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

directSCG-SCellActivation-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

directSCG-SCellActivationResume-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

drx-Adaptation-r17 SEQUENCE {

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

non-SharedSpectrumChAccess-r17 MinTimeGapFR2-2-r17 OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

sharedSpectrumChAccess-r17 MinTimeGapFR2-2-r17 OPTIONAL

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersFR2-2-r17)

...

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

skipUplinkTxDynamic ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

logicalChannelSR-DelayTimer ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

longDRX-Cycle ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

shortDRX-Cycle ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

multipleSR-Configurations ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

multipleConfiguredGrants ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

...,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

[[

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

secondaryDRX-Group-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

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Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

[[

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

enhancedSkipUplinkTxDynamic-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

enhancedSkipUplinkTxConfigured-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersXDD-Diff)

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Name of the Sub\_IE: (MinTimeGap-r16)

scs-15kHz-r16 ENUMERATED {sl1, sl3} OPTIONAL,

Name of the Sub\_IE: (MinTimeGap-r16)

scs-30kHz-r16 ENUMERATED {sl1, sl6} OPTIONAL,

Name of the Sub\_IE: (MinTimeGap-r16)

scs-60kHz-r16 ENUMERATED {sl1, sl12} OPTIONAL,

Name of the Sub\_IE: (MinTimeGap-r16)

scs-120kHz-r16 ENUMERATED {sl2, sl24} OPTIONAL

Name of the Sub\_IE: (MinTimeGapFR2-2-r17)

scs-120kHz-r17 ENUMERATED {sl2, sl24} OPTIONAL,

Name of the Sub\_IE: (MinTimeGapFR2-2-r17)

scs-480kHz-r17 ENUMERATED {sl8, sl96} OPTIONAL,

Name of the Sub\_IE: (MinTimeGapFR2-2-r17)

scs-960kHz-r17 ENUMERATED {sl16, sl192} OPTIONAL

Name of the IE: (MEASANDMOBPARAMETERS)

Name of the Sub\_IE: (MeasAndMobParameters)

measAndMobParametersCommon MeasAndMobParametersCommon OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParameters)

measAndMobParametersXDD-Diff MeasAndMobParametersXDD-Diff OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParameters)

measAndMobParametersFRX-Diff MeasAndMobParametersFRX-Diff OPTIONAL

Name of the Sub\_IE: (MeasAndMobParameters-v1700)

measAndMobParametersFR2-2-r17 MeasAndMobParametersFR2-2-r17 OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

supportedGapPattern BIT STRING (SIZE (22)) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ssb-RLM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ssb-AndCSI-RS-RLM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

...,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eventB-MeasAndReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

handoverFDD-TDD ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-CGI-Reporting ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-CGI-Reporting ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

independentGapConfig ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

periodicEUTRA-MeasAndReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

handoverFR1-FR2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

maxNumberCSI-RS-RRM-RS-SINR ENUMERATED {n4, n8, n16, n32, n64, n96} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

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Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-CGI-Reporting-ENDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-CGI-Reporting-NEDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-CGI-Reporting-NRDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-CGI-Reporting-NEDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-CGI-Reporting-NRDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

reportAddNeighMeasForPeriodic-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

condHandoverParametersCommon-r16 SEQUENCE {

Name of the Sub\_IE: (MeasAndMobParametersCommon)

condHandoverFDD-TDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

condHandoverFR1-FR2-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-NeedForGap-Reporting-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

supportedGapPattern-NRonly-r16 BIT STRING (SIZE (10)) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

supportedGapPattern-NRonly-NEDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

maxNumberCLI-RSSI-r16 ENUMERATED {n8, n16, n32, n64} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

maxNumberCLI-SRS-RSRP-r16 ENUMERATED {n4, n8, n16, n32} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

maxNumberPerSlotCLI-SRS-RSRP-r16 ENUMERATED {n2, n4, n8} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

mfbi-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-CGI-Reporting-NPN-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

idleInactiveEUTRA-MeasReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

idleInactive-ValidityArea-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-AutonomousGaps-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-AutonomousGaps-NEDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-AutonomousGaps-NRDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

pcellT312-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

supportedGapPattern-r16 BIT STRING (SIZE (2)) OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-2 Concurrent measurement gaps

Name of the Sub\_IE: (MeasAndMobParametersCommon)

concurrentMeasGap-r17 CHOICE {

Name of the Sub\_IE: (MeasAndMobParametersCommon)

concurrentPerUE-OnlyMeasGap-r17 ENUMERATED {supported},

Name of the Sub\_IE: (MeasAndMobParametersCommon)

concurrentPerUE-PerFRCombMeasGap-r17 ENUMERATED {supported}

Name of the Sub\_IE: (MeasAndMobParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-1 Network controlled small gap (NCSG)

Name of the Sub\_IE: (MeasAndMobParametersCommon)

nr-NeedForGapNCSG-Reporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eutra-NeedForGapNCSG-Reporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-1-1 per FR Network controlled small gap (NCSG)

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ncsg-MeasGapPerFR-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-1-2 Network controlled small gap (NCSG) supported patterns

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ncsg-MeasGapPatterns-r17 BIT STRING (SIZE(24)) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-1-3 Network controlled small gap (NCSG) supported NR-only patterns

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ncsg-MeasGapNR-Patterns-r17 BIT STRING (SIZE(24)) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-3-2 pre-configured measurement gap

Name of the Sub\_IE: (MeasAndMobParametersCommon)

preconfiguredUE-AutonomousMeasGap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-3-1 pre-configured measurement gap

Name of the Sub\_IE: (MeasAndMobParametersCommon)

preconfiguredNW-ControlledMeasGap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

handoverFR1-FR2-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

handoverFR2-1-FR2-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- RAN4 14-1: per-FR MG for PRS measurement

Name of the Sub\_IE: (MeasAndMobParametersCommon)

independentGapConfigPRS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

rrm-RelaxationRRC-ConnectedRedCap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 25-3: Parallel measurements with multiple measurement gaps

Name of the Sub\_IE: (MeasAndMobParametersCommon)

parallelMeasurementGap-r17 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

condHandoverWithSCG-NRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

gNB-ID-LengthReporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

gNB-ID-LengthReporting-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

gNB-ID-LengthReporting-NEDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

gNB-ID-LengthReporting-NRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

gNB-ID-LengthReporting-NPN-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 25-1: Parallel measurements on multiple SMTC-s for a single frequency carrier

Name of the Sub\_IE: (MeasAndMobParametersCommon)

parallelSMTC-r17 ENUMERATED {n4} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-2-1 Concurrent measurement gaps for EUTRA

Name of the Sub\_IE: (MeasAndMobParametersCommon)

concurrentMeasGapEUTRA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

serviceLinkPropDelayDiffReporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

-- R4 19-1-4 Network controlled small gap (NCSG) performing measurement based on flag deriveSSB-IndexFromCellInter

Name of the Sub\_IE: (MeasAndMobParametersCommon)

ncsg-SymbolLevelScheduleRestrictionInter-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

eventD1-MeasReportTrigger-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

independentGapConfig-maxCC-r17 SEQUENCE {

Name of the Sub\_IE: (MeasAndMobParametersCommon)

fr1-Only-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

fr2-Only-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

fr1-AndFR2-r17 INTEGER (1..32) OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]],

Name of the Sub\_IE: (MeasAndMobParametersCommon)

[[

Name of the Sub\_IE: (MeasAndMobParametersCommon)

interSatMeas-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersCommon)

deriveSSB-IndexFromCellInterNon-NCSG-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersCommon)

]]

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

intraAndInterF-MeasAndReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

eventA-MeasAndReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

...,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

handoverInterF ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

handoverLTE-EPC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

handoverLTE-5GC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

]],

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

sftd-MeasNR-Neigh ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

sftd-MeasNR-Neigh-DRX ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

]],

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

dummy ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersXDD-Diff)

]]

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

ss-SINR-Meas ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

csi-RSRP-AndRSRQ-MeasWithSSB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

csi-RSRP-AndRSRQ-MeasWithoutSSB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

csi-SINR-Meas ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

csi-RS-RLM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

...,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

handoverInterF ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

handoverLTE-EPC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

handoverLTE-5GC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

]],

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

maxNumberResource-CSI-RS-RLM ENUMERATED {n2, n4, n6, n8} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

]],

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

simultaneousRxDataSSB-DiffNumerology ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

]],

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

nr-AutonomousGaps-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

nr-AutonomousGaps-ENDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

nr-AutonomousGaps-NEDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

nr-AutonomousGaps-NRDC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

cli-RSSI-Meas-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

cli-SRS-RSRP-Meas-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

interFrequencyMeas-NoGap-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

simultaneousRxDataSSB-DiffNumerology-Inter-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

idleInactiveNR-MeasReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

-- R4 6-2: Support of beam level Early Measurement Reporting

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

idleInactiveNR-MeasBeamReport-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

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Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

[[

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

increasedNumberofCSIRSPerMO-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersFRX-Diff)

]]

Name of the Sub\_IE: (MeasAndMobParametersFR2-2-r17)

handoverInterF-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFR2-2-r17)

handoverLTE-EPC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFR2-2-r17)

handoverLTE-5GC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFR2-2-r17)

idleInactiveNR-MeasReport-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersFR2-2-r17)

...

Name of the IE: (MEASANDMOBPARAMETERSMRDC)

Name of the Sub\_IE: (MeasAndMobParametersMRDC)

measAndMobParametersMRDC-Common MeasAndMobParametersMRDC-Common OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC)

measAndMobParametersMRDC-XDD-Diff MeasAndMobParametersMRDC-XDD-Diff OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC)

measAndMobParametersMRDC-FRX-Diff MeasAndMobParametersMRDC-FRX-Diff OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-v1560)

measAndMobParametersMRDC-XDD-Diff-v1560 MeasAndMobParametersMRDC-XDD-Diff-v1560 OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-v1610)

measAndMobParametersMRDC-Common-v1610 MeasAndMobParametersMRDC-Common-v1610 OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-v1610)

interNR-MeasEUTRA-IAB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-v1700)

measAndMobParametersMRDC-Common-v1700 MeasAndMobParametersMRDC-Common-v1700 OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-v1730)

measAndMobParametersMRDC-Common-v1730 MeasAndMobParametersMRDC-Common-v1730 OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common)

independentGapConfig ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1610)

condPSCellChangeParametersCommon-r16 SEQUENCE {

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1610)

condPSCellChangeFDD-TDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1610)

condPSCellChangeFR1-FR2-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1610)

} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1610)

pscellT312-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

condPSCellChangeParameters-r17 SEQUENCE {

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

inter-SN-condPSCellChangeFDD-TDD-NRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

inter-SN-condPSCellChangeFR1-FR2-NRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

inter-SN-condPSCellChangeFDD-TDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

inter-SN-condPSCellChangeFR1-FR2-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

mn-InitiatedCondPSCellChange-FR1FDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

mn-InitiatedCondPSCellChange-FR1TDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

mn-InitiatedCondPSCellChange-FR2TDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

sn-InitiatedCondPSCellChange-FR1FDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

sn-InitiatedCondPSCellChange-FR1TDD-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

sn-InitiatedCondPSCellChange-FR2TDD-ENDC-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

condHandoverWithSCG-ENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1700)

condHandoverWithSCG-NEDC-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1730)

independentGapConfig-maxCC-r17 SEQUENCE {

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1730)

fr1-Only-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1730)

fr2-Only-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-Common-v1730)

fr1-AndFR2-r17 INTEGER (1..32) OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-XDD-Diff)

sftd-MeasPSCell ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MeasAndMobParametersMRDC-XDD-Diff)

sftd-MeasNR-Cell ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-XDD-Diff-v1560)

sftd-MeasPSCell-NEDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MeasAndMobParametersMRDC-FRX-Diff)

simultaneousRxDataSSB-DiffNumerology ENUMERATED {supported} OPTIONAL

Name of the IE: (MIMO-LAYERS)

Name of the Sub\_IE: (MIMO-LayersDL)

MIMO-LayersDL ENUMERATED {twoLayers, fourLayers, eightLayers}

Name of the Sub\_IE: (MIMO-LayersUL)

MIMO-LayersUL ENUMERATED {oneLayer, twoLayers, fourLayers}

Name of the IE: (MIMO-PARAMETERSPERBAND)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

tci-StatePDSCH SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberConfiguredTCI-StatesPerCC ENUMERATED {n4, n8, n16, n32, n64, n128} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberActiveTCI-PerBWP ENUMERATED {n1, n2, n4, n8} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

additionalActiveTCI-StatePDCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

pusch-TransCoherence ENUMERATED {nonCoherent, partialCoherent, fullCoherent} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamCorrespondenceWithoutUL-BeamSweeping ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

periodicBeamReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

aperiodicBeamReport ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sp-BeamReportPUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sp-BeamReportPUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy1 DummyG OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberRxBeam INTEGER (2..8) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberRxTxBeamSwitchDL SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-15kHz ENUMERATED {n4, n7, n14} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-30kHz ENUMERATED {n4, n7, n14} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz ENUMERATED {n4, n7, n14} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz ENUMERATED {n4, n7, n14} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-240kHz ENUMERATED {n4, n7, n14} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberNonGroupBeamReporting ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

groupBeamReporting ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

uplinkBeamManagement SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSRS-ResourcePerSet-BM ENUMERATED {n2, n4, n8, n16},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSRS-ResourceSet INTEGER (1..8)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberCSI-RS-BFD INTEGER (1..64) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSSB-BFD INTEGER (1..64) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberCSI-RS-SSB-CBD INTEGER (1..256) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

twoPortsPTRS-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy5 SRS-Resources OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy3 INTEGER (1..4) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamReportTiming SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-15kHz ENUMERATED {sym2, sym4, sym8} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-30kHz ENUMERATED {sym4, sym8, sym14, sym28} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz ENUMERATED {sym8, sym14, sym28} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz ENUMERATED {sym14, sym28, sym56} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

ptrs-DensityRecommendationSetDL SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-15kHz PTRS-DensityRecommendationDL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-30kHz PTRS-DensityRecommendationDL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz PTRS-DensityRecommendationDL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz PTRS-DensityRecommendationDL OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

ptrs-DensityRecommendationSetUL SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-15kHz PTRS-DensityRecommendationUL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-30kHz PTRS-DensityRecommendationUL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz PTRS-DensityRecommendationUL OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz PTRS-DensityRecommendationUL OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy4 DummyH OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

aperiodicTRS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

...,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

dummy6 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamManagementSSB-CSI-RS BeamManagementSSB-CSI-RS OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamSwitchTiming SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz ENUMERATED {sym14, sym28, sym48, sym224, sym336} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz ENUMERATED {sym14, sym28, sym48, sym224, sym336} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookParameters CodebookParameters OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

csi-RS-IM-ReceptionForFeedback CSI-RS-IM-ReceptionForFeedback OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

csi-RS-ProcFrameworkForSRS CSI-RS-ProcFrameworkForSRS OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

csi-ReportFramework CSI-ReportFramework OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

csi-RS-ForTracking CSI-RS-ForTracking OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-AssocCSI-RS SEQUENCE (SIZE (1.. maxNrofCSI-RS-Resources)) OF SupportedCSI-RS-Resource OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

spatialRelations SpatialRelations OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

]],

Name of the Sub\_IE: (MIMO-ParametersPerBand)

[[

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-0: Support of default QCL assumption with two TCI states

Name of the Sub\_IE: (MIMO-ParametersPerBand)

defaultQCL-TwoTCI-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookParametersPerBand-r16 CodebookParameters-v1610 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1b-3: Support of PUCCH resource groups per BWP for simultaneous spatial relation update

Name of the Sub\_IE: (MIMO-ParametersPerBand)

simul-SpatialRelationUpdatePUCCHResGroup-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1f: Maximum number of SCells configured for SCell beam failure recovery simultaneously

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSCellBFR-r16 ENUMERATED {n1,n2,n4,n8} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2c: Supports simultaneous reception with different Type-D for FR2 only

Name of the Sub\_IE: (MIMO-ParametersPerBand)

simultaneousReceptionDiffTypeD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1a-1: SSB/CSI-RS for L1-SINR measurement

Name of the Sub\_IE: (MIMO-ParametersPerBand)

ssb-csirs-SINR-measurement-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSSB-CSIRS-OneTx-CMR-r16 ENUMERATED {n8, n16, n32, n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberCSI-IM-NZP-IMR-res-r16 ENUMERATED {n8, n16, n32, n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberCSIRS-2Tx-res-r16 ENUMERATED {n0, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberSSB-CSIRS-res-r16 ENUMERATED {n8, n16, n32, n64, n128},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberCSI-IM-NZP-IMR-res-mem-r16 ENUMERATED {n8, n16, n32, n64, n128},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportedCSI-RS-Density-CMR-r16 ENUMERATED {one, three, oneAndThree},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberAperiodicCSI-RS-Res-r16 ENUMERATED {n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportedSINR-meas-r16 ENUMERATED {ssbWithCSI-IM, ssbWithNZP-IMR, csirsWithNZP-IMR, csi-RSWithoutIMR} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1a-2: Non-group based L1-SINR reporting

Name of the Sub\_IE: (MIMO-ParametersPerBand)

nonGroupSINR-reporting-r16 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1a-3: Non-group based L1-SINR reporting

Name of the Sub\_IE: (MIMO-ParametersPerBand)

groupSINR-reporting-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

multiDCI-multiTRP-Parameters-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-0: Overlapping PDSCHs in time and fully overlapping in frequency and time

Name of the Sub\_IE: (MIMO-ParametersPerBand)

overlapPDSCHsFullyFreqTime-r16 INTEGER (1..2) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-1: Overlapping PDSCHs in time and partially overlapping in frequency and time

Name of the Sub\_IE: (MIMO-ParametersPerBand)

overlapPDSCHsInTimePartiallyFreq-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-2: Out of order operation for DL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

outOfOrderOperationDL-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportPDCCH-ToPDSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportPDSCH-ToHARQ-ACK-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-3: Out of order operation for UL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

outOfOrderOperationUL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-5: Separate CRS rate matching

Name of the Sub\_IE: (MIMO-ParametersPerBand)

separateCRS-RateMatching-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-6: Default QCL enhancement for multi-DCI based multi-TRP

Name of the Sub\_IE: (MIMO-ParametersPerBand)

defaultQCL-PerCORESETPoolIndex-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-7: Maximum number of activated TCI states

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberActivatedTCI-States-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberPerCORESET-Pool-r16 ENUMERATED {n1, n2, n4, n8},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxTotalNumberAcrossCORESET-Pool-r16 ENUMERATED {n2, n4, n8, n16}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

singleDCI-SDM-scheme-Parameters-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-1b: Single-DCI based SDM scheme - Support of new DMRS port entry

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportNewDMRS-Port-r16 ENUMERATED {supported1, supported2, supported3} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-1a: Support of s-port DL PTRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportTwoPortDL-PTRS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-2: Support of single-DCI based FDMSchemeA

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportFDM-SchemeA-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-3a: Single-DCI based FDMSchemeB CW soft combining

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportCodeWordSoftCombining-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-4: Single-DCI based TDMSchemeA

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportTDM-SchemeA-r16 ENUMERATED {kb3, kb5, kb10, kb20, noRestriction} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2b-5: Single-DCI based inter-slot TDM

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportInter-slotTDM-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportRepNumPDSCH-TDRA-r16 ENUMERATED {n2, n3, n4, n5, n6, n7, n8, n16},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxTBS-Size-r16 ENUMERATED {kb3, kb5, kb10, kb20, noRestriction},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberTCI-states-r16 INTEGER (1..2)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-4: Low PAPR DMRS for PDSCH

Name of the Sub\_IE: (MIMO-ParametersPerBand)

lowPAPR-DMRS-PDSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-6a: Low PAPR DMRS for PUSCH without transform precoding

Name of the Sub\_IE: (MIMO-ParametersPerBand)

lowPAPR-DMRS-PUSCHwithoutPrecoding-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-6b: Low PAPR DMRS for PUCCH

Name of the Sub\_IE: (MIMO-ParametersPerBand)

lowPAPR-DMRS-PUCCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-6c: Low PAPR DMRS for PUSCH with transform precoding & pi/2 BPSK

Name of the Sub\_IE: (MIMO-ParametersPerBand)

lowPAPR-DMRS-PUSCHwithPrecoding-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-7: Extension of the maximum number of configured aperiodic CSI report settings

Name of the Sub\_IE: (MIMO-ParametersPerBand)

csi-ReportFrameworkExt-r16 CSI-ReportFrameworkExt-r16 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-3a, 16-3a-1, 16-3b, 16-3b-1, 16-8: Individual new codebook types

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookParametersAddition-r16 CodebookParametersAddition-r16 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-8: Mixed codebook types

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookComboParametersAddition-r16 CodebookComboParametersAddition-r16 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R4 8-2: SSB based beam correspondence

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamCorrespondenceSSB-based-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R4 8-3: CSI-RS based beam correspondence

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamCorrespondenceCSI-RS-based-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamSwitchTiming-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-60kHz-r16 ENUMERATED {sym224, sym336} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-120kHz-r16 ENUMERATED {sym224, sym336} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1a-4: Semi-persistent L1-SINR report on PUCCH

Name of the Sub\_IE: (MIMO-ParametersPerBand)

semi-PersistentL1-SINR-Report-PUCCH-r16 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportReportFormat1-2OFDM-syms-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportReportFormat4-14OFDM-syms-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1a-5: Semi-persistent L1-SINR report on PUSCH

Name of the Sub\_IE: (MIMO-ParametersPerBand)

semi-PersistentL1-SINR-Report-PUSCH-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1h: Support of 64 configured PUCCH spatial relations

Name of the Sub\_IE: (MIMO-ParametersPerBand)

spatialRelations-v1640 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberConfiguredSpatialRelations-v1640 ENUMERATED {n96, n128, n160, n192, n224, n256, n288, n320}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-1i: Support of 64 configured candidate beam RSs for BFR

Name of the Sub\_IE: (MIMO-ParametersPerBand)

support64CandidateBeamRS-BFR-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 16-2a-9: Interpretation of maxNumberMIMO-LayersPDSCH for multi-DCI based mTRP

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxMIMO-LayersForMulti-DCI-mTRP-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportedSINR-meas-v1670 BIT STRING (SIZE (4)) OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-5 Increased repetition for SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-increasedRepetition-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-6 Partial frequency sounding of SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-partialFrequencySounding-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-7 Start RB location hopping for partial frequency SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-startRB-locationHoppingPartial-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-8 Comb-8 SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-combEight-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-9-1 Basic Features of Further Enhanced Port-Selection Type II Codebook (FeType-II) per band information

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookParametersfetype2-r17 CodebookParametersfetype2-r17 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1-2a Two associated CSI-RS resources

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-twoCSI-RS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-2 Multi-TRP PUCCH repetition scheme 1 (inter-slot)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUCCH-InterSlot-r17 ENUMERATED {pf0-2, pf1-3-4, pf0-4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-2b Cyclic mapping for multi-TRP PUCCH repetition

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUCCH-CyclicMapping-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-2c Second TPC field for multi-TRP PUCCH repetition

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUCCH-SecondTPC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-5-2 MTRP BFR based on two BFD-RS set

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-BFR-twoBFD-RS-Set-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxBFD-RS-resourcesPerSetPerBWP-r17 ENUMERATED {n1, n2},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxBFR-r17 INTEGER (1..9),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxBFD-RS-resourcesAcrossSetsPerBWP-r17 ENUMERATED {n2, n3, n4}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-5-2a PUCCH-SR resources for MTRP BFRQ - Max number of PUCCH-SR resources for MTRP BFRQ per cell group

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-BFR-PUCCH-SR-perCG-r17 ENUMERATED{n1, n2} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-5-2b Association between a BFD-RS resource set on SpCell and a PUCCH SR resource

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-BFR-association-PUCCH-SR-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-6-3 Simultaneous activation of two TCI states for PDCCH across multiple CCs (HST/URLLC)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sfn-SimulTwoTCI-AcrossMultiCC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-6-4 Default DL beam setup for SFN

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sfn-DefaultDL-BeamSetup-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-6-4a Default UL beam setup for SFN PDCCH(FR2 only)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sfn-DefaultUL-BeamSetup-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-1 SRS triggering offset enhancement

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-TriggeringOffset-r17 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-2 Triggering SRS only in DCI 0\_1/0\_2

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-TriggeringDCI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-9-5 Active CSI-RS resources and ports for mixed codebook types in any slot per band information

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookComboParameterMixedType-r17 CodebookComboParameterMixedType-r17 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1 Unified TCI [with joint DL/UL TCI update] for intra-cell beam management

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-r17 SEQUENCE{

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxConfiguredJointTCI-r17 ENUMERATED {n8, n12, n16, n24, n32, n48, n64, n128},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxActivatedTCIAcrossCC-r17 ENUMERATED {n1, n2, n4, n8, n16}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1b Unified TCI with joint DL/UL TCI update for intra- and inter-cell beam management with more than one MAC-CE

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-multiMAC-CE-r17 SEQUENCE{

Name of the Sub\_IE: (MIMO-ParametersPerBand)

minBeamApplicationTime-r17 ENUMERATED {n1, n2, n4, n7, n14, n28, n42, n56, n70, n84, n98, n112, n224, n336}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumMAC-CE-PerCC ENUMERATED {n2, n3, n4, n5, n6, n7, n8}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1d Per BWP TCI state pool configuration for CA mode

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-perBWP-CA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1e TCI state pool configuration with TCI pool sharing for CA mode

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-ListSharingCA-r17 ENUMERATED {n1,n2,n4,n8} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1f Common multi-CC TCI state ID update and activation

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-commonMultiCC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1g Beam misalignment between the DL source RS in the TCI state

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-BeamAlignDLRS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1h Association between TCI state and UL PC settings for PUCCH, PUSCH, and SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-PC-association-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1i Indication/configuration of R17 TCI states for aperiodic CSI-RS, PDCCH, PDSCH

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-Legacy-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- 23-1-1m Indication/configuration of R17 TCI states for SRS

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-Legacy-SRS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1j Indication/configuration of R17 TCI states for CORESET #0

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-Legacy-CORESET0-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1c SCell BFR with unified TCI framework (NOTE; pre-requisite is empty)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-SCellBFR-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-1a Unified TCI with joint DL/UL TCI update for inter-cell beam management

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-InterCell-r17 SEQUENCE{

Name of the Sub\_IE: (MIMO-ParametersPerBand)

additionalMAC-CE-PerCC-r17 ENUMERATED {n0, n1, n2, n4},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

additionalMAC-CE-AcrossCC-r17 ENUMERATED {n0, n1, n2, n4}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-10-1 Unified TCI with separate DL/UL TCI update for intra-cell beam management

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-r17 SEQUENCE{

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxConfiguredDL-TCI-r17 ENUMERATED {n4, n8, n12, n16, n24, n32, n48, n64, n128},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxConfiguredUL-TCI-r17 ENUMERATED {n4, n8, n12, n16, n24, n32, n48, n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxActivatedDL-TCIAcrossCC-r17 ENUMERATED {n1, n2, n4, n8, n16},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxActivatedUL-TCIAcrossCC-r17 ENUMERATED {n1, n2, n4, n8, n16}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-10-1b Unified TCI with separate DL/UL TCI update for intra-cell beam management with more than one MAC-CE

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-multiMAC-CE-r17 SEQUENCE{

Name of the Sub\_IE: (MIMO-ParametersPerBand)

minBeamApplicationTime-r17 ENUMERATED {n1, n2, n4, n7, n14, n28, n42, n56, n70, n84, n98, n112, n224, n336},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxActivatedDL-TCIPerCC-r17 INTEGER (2..8),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxActivatedUL-TCIPerCC-r17 INTEGER (2..8)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-10-1d Per BWP DL/UL-TCI state pool configuration for CA mode

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-perBWP-CA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-10-1e TCI state pool configuration with DL/UL-TCI pool sharing for CA mode

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-ListSharingCA-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumListDL-TCI-r17 ENUMERATED {n1,n2,n4,n8} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumListUL-TCI-r17 ENUMERATED {n1,n2,n4,n8} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-10-1f Common multi-CC DL/UL-TCI state ID update and activation with separate DL/UL TCI update

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-commonMultiCC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- 23-10-1m Unified TCI with separate DL/UL TCI update for inter-cell beam management with more than one MAC-CE

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedSeparateTCI-InterCell-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

k-DL-PerCC-r17 ENUMERATED {n0, n1, n2, n4},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

k-UL-PerCC-r17 ENUMERATED {n0, n1, n2, n4},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

k-DL-AcrossCC-r17 ENUMERATED {n0, n1, n2, n4},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

k-UL-AcrossCC-r17 ENUMERATED {n0, n1, n2, n4}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-2 Inter-cell beam measurement and reporting (for inter-cell BM and mTRP)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

unifiedJointTCI-mTRP-InterCell-BM-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumAdditionalPCI-L1-RSRP-r17 INTEGER (1..7),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumSSB-ResourceL1-RSRP-AcrossCC-r17 ENUMERATED {n1,n2,n4,n8}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-3 MPE mitigation

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mpe-Mitigation-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumP-MPR-RI-pairs-r17 INTEGER (1..4),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumConfRS-r17 ENUMERATED {n1, n2, n4, n8, n12, n16, n28, n32, n48, n64}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-1-4 UE capability value reporting

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-PortReport-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

capVal1-r17 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

capVal2-r17 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

capVal3-r17 ENUMERATED {n1, n2, n4} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

capVal4-r17 ENUMERATED {n1, n2, n4} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-2-1a Monitoring of individual candidates

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PDCCH-individual-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-2-1b PDCCH repetition with PDCCH monitoring on any span of up to 3 consecutive OFDM symbols of a slot

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PDCCH-anySpan-3Symbols-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-2-2 Two QCL TypeD for CORESET monitoring in PDCCH repetition

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PDCCH-TwoQCL-TypeD-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1-2b CSI-RS processing framework for SRS with two associated CSI-RS resources

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-CSI-RS-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumPeriodicSRS-r17 INTEGER (1..8),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumAperiodicSRS-r17 INTEGER (1..8),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumSP-SRS-r17 INTEGER (0..8),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

numSRS-ResourcePerCC-r17 INTEGER (1..16),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

numSRS-ResourceNonCodebook-r17 INTEGER (1..2)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1a Cyclic mapping for Multi-TRP PUSCH repetition

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-cyclicMapping-r17 ENUMERATED {typeA,typeB,both} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1b Second TPC field for Multi-TRP PUSCH repetition

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-secondTPC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1c Two PHR reporting

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-twoPHR-Reporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1e A-CSI report

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-A-CSI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1f SP-CSI report

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-SP-CSI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-1g CG PUSCH transmission

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUSCH-CG-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-2d Updating two Spatial relation or two sets of power control parameters for PUCCH group

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUCCH-MAC-CE-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-3-2e Maximum number of power control parameter sets configured for multi-TRP PUCCH repetition in FR1

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-PUCCH-maxNum-PC-FR1-r17 INTEGER (3..8) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-4 IntCell-mTRP

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-inter-Cell-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumAdditionalPCI-Case1-r17 INTEGER (1..7),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumAdditionalPCI-Case2-r17 INTEGER (0..7)

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-5-1 Group based L1-RSRP reporting enhancements

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-GroupBasedL1-RSRP-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumBeamGroups-r17 INTEGER (1..4),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumRS-WithinSlot-r17 ENUMERATED {n2,n3,n4,n8,n16,n32,n64},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumRS-AcrossSlot-r17 ENUMERATED {n8, n16, n32, n64, n128}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-5-2c MAC-CE based update of explicit BFD-RS mTRP-PUCCH-IntraSlot-r17 => per band

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-BFD-RS-MAC-CE-r17 ENUMERATED {n4, n8, n12, n16, n32, n48, n64 } OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-7-1 Basic Features of CSI Enhancement for Multi-TRP

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-CSI-EnhancementPerBand-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumNZP-CSI-RS-r17 INTEGER (2..8),

Name of the Sub\_IE: (MIMO-ParametersPerBand)

cSI-Report-mode-r17 ENUMERATED {mode1, mode2, both},

Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportedComboAcrossCCs-r17 SEQUENCE (SIZE (1..16)) OF CSI-MultiTRP-SupportedCombinations-r17,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookModeNCJT-r17 ENUMERATED{mode1,mode1And2}

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-7-1b Active CSI-RS resources and ports in the presence of multi-TRP CSI

Name of the Sub\_IE: (MIMO-ParametersPerBand)

codebookComboParameterMultiTRP-r17 CodebookComboParameterMultiTRP-r17 OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-7-1a Additional CSI report mode 1

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-CSI-additionalCSI-r17 ENUMERATED{x1,x2} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-7-4 Support of Nmax=2 for Multi-TRP CSI

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-CSI-N-Max2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-7-5 CMR sharing

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-CSI-CMR-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1 23-8-11 Partial frequency sounding of SRS for non-frequency hopping case

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-partialFreqSounding-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-24 feature: Extend beamSwitchTiming for FR2-2

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamSwitchTiming-v1710 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-480kHz ENUMERATED {sym56, sym112, sym192, sym896, sym1344} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-960kHz ENUMERATED {sym112, sym224, sym384, sym1792, sym2688} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-24 feature: Extend beamSwitchTiming-r16 for FR2-2

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamSwitchTiming-r17 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-480kHz-r17 ENUMERATED {sym896, sym1344} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-960kHz-r17 ENUMERATED {sym1792, sym2688} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-24 feature: Extend beamReportTiming for FR2-2

Name of the Sub\_IE: (MIMO-ParametersPerBand)

beamReportTiming-v1710 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-480kHz-r17 ENUMERATED {sym56, sym112, sym224} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-960kHz-r17 ENUMERATED {sym112, sym224, sym448} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-24 feature: Extend maximum number of RX/TX beam switch DL for FR2-2

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberRxTxBeamSwitchDL-v1710 SEQUENCE {

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-480kHz-r17 ENUMERATED {n2, n4, n7} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

scs-960kHz-r17 ENUMERATED {n1, n2, n4, n7} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-23-1-4a: Semi-persistent/aperiodic capability value report

Name of the Sub\_IE: (MIMO-ParametersPerBand)

srs-PortReportSP-AP-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

maxNumberRxBeam-v1720 INTEGER (9..12) OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-23-6-5 Support implicit configuration of RS(s) with two TCI states for beam failure detection

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sfn-ImplicitRS-twoTCI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-23-6-6 QCL-TypeD collision handling with CORESET with 2 TCI states

Name of the Sub\_IE: (MIMO-ParametersPerBand)

sfn-QCL-TypeD-Collision-twoTCI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MIMO-ParametersPerBand)

-- R1-23-7-1c Basic Features of CSI Enhancement for Multi-TRP - number of CPUs

Name of the Sub\_IE: (MIMO-ParametersPerBand)

mTRP-CSI-numCPU-r17 ENUMERATED {n2, n3, n4} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

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Name of the Sub\_IE: (MIMO-ParametersPerBand)

supportRepNumPDSCH-TDRA-DCI-1-2-r17 ENUMERATED {n2, n3, n4, n5, n6, n7, n8, n16} OPTIONAL

Name of the Sub\_IE: (MIMO-ParametersPerBand)

]]

Name of the Sub\_IE: (DummyG)

maxNumberSSB-CSI-RS-ResourceOneTx ENUMERATED {n8, n16, n32, n64},

Name of the Sub\_IE: (DummyG)

maxNumberSSB-CSI-RS-ResourceTwoTx ENUMERATED {n0, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (DummyG)

supportedCSI-RS-Density ENUMERATED {one, three, oneAndThree}

Name of the Sub\_IE: (BeamManagementSSB-CSI-RS)

maxNumberSSB-CSI-RS-ResourceOneTx ENUMERATED {n0, n8, n16, n32, n64},

Name of the Sub\_IE: (BeamManagementSSB-CSI-RS)

maxNumberCSI-RS-Resource ENUMERATED {n0, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (BeamManagementSSB-CSI-RS)

maxNumberCSI-RS-ResourceTwoTx ENUMERATED {n0, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (BeamManagementSSB-CSI-RS)

supportedCSI-RS-Density ENUMERATED {one, three, oneAndThree} OPTIONAL,

Name of the Sub\_IE: (BeamManagementSSB-CSI-RS)

maxNumberAperiodicCSI-RS-Resource ENUMERATED {n0, n1, n4, n8, n16, n32, n64}

Name of the Sub\_IE: (DummyH)

burstLength INTEGER (1..2),

Name of the Sub\_IE: (DummyH)

maxSimultaneousResourceSetsPerCC INTEGER (1..8),

Name of the Sub\_IE: (DummyH)

maxConfiguredResourceSetsPerCC INTEGER (1..64),

Name of the Sub\_IE: (DummyH)

maxConfiguredResourceSetsAllCC INTEGER (1..128)

Name of the Sub\_IE: (CSI-RS-ForTracking)

maxBurstLength INTEGER (1..2),

Name of the Sub\_IE: (CSI-RS-ForTracking)

maxSimultaneousResourceSetsPerCC INTEGER (1..8),

Name of the Sub\_IE: (CSI-RS-ForTracking)

maxConfiguredResourceSetsPerCC INTEGER (1..64),

Name of the Sub\_IE: (CSI-RS-ForTracking)

maxConfiguredResourceSetsAllCC INTEGER (1..256)

Name of the Sub\_IE: (CSI-RS-IM-ReceptionForFeedback)

maxConfigNumberNZP-CSI-RS-PerCC INTEGER (1..64),

Name of the Sub\_IE: (CSI-RS-IM-ReceptionForFeedback)

maxConfigNumberPortsAcrossNZP-CSI-RS-PerCC INTEGER (2..256),

Name of the Sub\_IE: (CSI-RS-IM-ReceptionForFeedback)

maxConfigNumberCSI-IM-PerCC ENUMERATED {n1, n2, n4, n8, n16, n32},

Name of the Sub\_IE: (CSI-RS-IM-ReceptionForFeedback)

maxNumberSimultaneousNZP-CSI-RS-PerCC INTEGER (1..64),

Name of the Sub\_IE: (CSI-RS-IM-ReceptionForFeedback)

totalNumberPortsSimultaneousNZP-CSI-RS-PerCC INTEGER (2..256)

Name of the Sub\_IE: (CSI-RS-ProcFrameworkForSRS)

maxNumberPeriodicSRS-AssocCSI-RS-PerBWP INTEGER (1..4),

Name of the Sub\_IE: (CSI-RS-ProcFrameworkForSRS)

maxNumberAperiodicSRS-AssocCSI-RS-PerBWP INTEGER (1..4),

Name of the Sub\_IE: (CSI-RS-ProcFrameworkForSRS)

maxNumberSP-SRS-AssocCSI-RS-PerBWP INTEGER (0..4),

Name of the Sub\_IE: (CSI-RS-ProcFrameworkForSRS)

simultaneousSRS-AssocCSI-RS-PerCC INTEGER (1..8)

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberPeriodicCSI-PerBWP-ForCSI-Report INTEGER (1..4),

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberAperiodicCSI-PerBWP-ForCSI-Report INTEGER (1..4),

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberSemiPersistentCSI-PerBWP-ForCSI-Report INTEGER (0..4),

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberPeriodicCSI-PerBWP-ForBeamReport INTEGER (1..4),

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberAperiodicCSI-PerBWP-ForBeamReport INTEGER (1..4),

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberAperiodicCSI-triggeringStatePerCC ENUMERATED {n3, n7, n15, n31, n63, n128},

Name of the Sub\_IE: (CSI-ReportFramework)

maxNumberSemiPersistentCSI-PerBWP-ForBeamReport INTEGER (0..4),

Name of the Sub\_IE: (CSI-ReportFramework)

simultaneousCSI-ReportsPerCC INTEGER (1..8)

Name of the Sub\_IE: (CSI-ReportFrameworkExt-r16)

maxNumberAperiodicCSI-PerBWP-ForCSI-ReportExt-r16 INTEGER (5..8)

Name of the Sub\_IE: (PTRS-DensityRecommendationDL)

frequencyDensity1 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationDL)

frequencyDensity2 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationDL)

timeDensity1 INTEGER (0..29),

Name of the Sub\_IE: (PTRS-DensityRecommendationDL)

timeDensity2 INTEGER (0..29),

Name of the Sub\_IE: (PTRS-DensityRecommendationDL)

timeDensity3 INTEGER (0..29)

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

frequencyDensity1 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

frequencyDensity2 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

timeDensity1 INTEGER (0..29),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

timeDensity2 INTEGER (0..29),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

timeDensity3 INTEGER (0..29),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

sampleDensity1 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

sampleDensity2 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

sampleDensity3 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

sampleDensity4 INTEGER (1..276),

Name of the Sub\_IE: (PTRS-DensityRecommendationUL)

sampleDensity5 INTEGER (1..276)

Name of the Sub\_IE: (SpatialRelations)

maxNumberConfiguredSpatialRelations ENUMERATED {n4, n8, n16, n32, n64, n96},

Name of the Sub\_IE: (SpatialRelations)

maxNumberActiveSpatialRelations ENUMERATED {n1, n2, n4, n8, n14},

Name of the Sub\_IE: (SpatialRelations)

additionalActiveSpatialRelationPUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SpatialRelations)

maxNumberDL-RS-QCL-TypeD ENUMERATED {n1, n2, n4, n8, n14}

Name of the Sub\_IE: (DummyI)

supportedSRS-TxPortSwitch ENUMERATED {t1r2, t1r4, t2r4, t1r4-t2r4, tr-equal},

Name of the Sub\_IE: (DummyI)

txSwitchImpactToRx ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (CSI-MultiTRP-SupportedCombinations-r17)

maxNumTx-Ports-r17 ENUMERATED {n2, n4, n8, n12, n16, n24, n32},

Name of the Sub\_IE: (CSI-MultiTRP-SupportedCombinations-r17)

maxTotalNumCMR-r17 INTEGER (2..64),

Name of the Sub\_IE: (CSI-MultiTRP-SupportedCombinations-r17)

maxTotalNumTx-PortsNZP-CSI-RS-r17 INTEGER (2..256)

Name of the IE: (MODULATIONORDER)

Name of the Sub\_IE: (ModulationOrder)

ModulationOrder ENUMERATED {bpsk-halfpi, bpsk, qpsk, qam16, qam64, qam256}

Name of the IE: (MRDC-PARAMETERS)

Name of the Sub\_IE: (MRDC-Parameters)

singleUL-Transmission ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

dynamicPowerSharingENDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

tdm-Pattern ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

ul-SharingEUTRA-NR ENUMERATED {tdm, fdm, both} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

ul-SwitchingTimeEUTRA-NR ENUMERATED {type1, type2} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

simultaneousRxTxInterBandENDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

asyncIntraBandENDC ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

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Name of the Sub\_IE: (MRDC-Parameters)

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Name of the Sub\_IE: (MRDC-Parameters)

dualPA-Architecture ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

intraBandENDC-Support ENUMERATED {non-contiguous, both} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters)

ul-TimingAlignmentEUTRA-NR ENUMERATED {required} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters)

]]

Name of the Sub\_IE: (MRDC-Parameters-v1580)

dynamicPowerSharingNEDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1590)

interBandContiguousMRDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v15g0)

simultaneousRxTxInterBandENDCPerBandPair SimultaneousRxTxPerBandPair OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1620)

maxUplinkDutyCycle-interBandENDC-TDD-PC2-r16 SEQUENCE{

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config0-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config1-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config2-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config3-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config4-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config5-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

eutra-TDD-Config6-r16 ENUMERATED {n20, n40, n50, n60, n70, n80, n90, n100} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1620)

} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

-- R1 18-2 Single UL TX operation for TDD PCell in EN-DC

Name of the Sub\_IE: (MRDC-Parameters-v1620)

tdm-restrictionTDD-endc-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

-- R1 18-2a Single UL TX operation for FDD PCell in EN-DC

Name of the Sub\_IE: (MRDC-Parameters-v1620)

tdm-restrictionFDD-endc-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

-- R1 18-2b Support of HARQ-offset for SUO case1 in EN-DC with LTE TDD PCell for type 1 UE

Name of the Sub\_IE: (MRDC-Parameters-v1620)

singleUL-HARQ-offsetTDD-PCell-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1620)

-- R1 18-3 Dual Tx transmission for EN-DC with FDD PCell(TDM pattern for dual Tx UE)

Name of the Sub\_IE: (MRDC-Parameters-v1620)

tdm-restrictionDualTX-FDD-endc-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1630)

-- R4 2-20 Maximum uplink duty cycle for FDD+TDD EN-DC power class 2

Name of the Sub\_IE: (MRDC-Parameters-v1630)

maxUplinkDutyCycle-interBandENDC-FDD-TDD-PC2-r16 SEQUENCE {

Name of the Sub\_IE: (MRDC-Parameters-v1630)

maxUplinkDutyCycle-FDD-TDD-EN-DC1-r16 ENUMERATED {n30, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1630)

maxUplinkDutyCycle-FDD-TDD-EN-DC2-r16 ENUMERATED {n30, n40, n50, n60, n70, n80, n90, n100} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1630)

} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1630)

-- R4 2-19 FDD-FDD or TDD-TDD inter-band MR-DC with overlapping or partially overlapping DL spectrum

Name of the Sub\_IE: (MRDC-Parameters-v1630)

interBandMRDC-WithOverlapDL-Bands-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MRDC-Parameters-v1700)

condPSCellAdditionENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1700)

scg-ActivationDeactivationENDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MRDC-Parameters-v1700)

scg-ActivationDeactivationResumeENDC-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (NRDC-PARAMETERS)

Name of the Sub\_IE: (NRDC-Parameters)

measAndMobParametersNRDC MeasAndMobParametersMRDC OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

generalParametersNRDC GeneralParametersMRDC-XDD-Diff OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

fdd-Add-UE-NRDC-Capabilities UE-MRDC-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

tdd-Add-UE-NRDC-Capabilities UE-MRDC-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

fr1-Add-UE-NRDC-Capabilities UE-MRDC-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

fr2-Add-UE-NRDC-Capabilities UE-MRDC-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

dummy2 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters)

dummy SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (NRDC-Parameters-v1570)

sfn-SyncNRDC ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (NRDC-Parameters-v15c0)

pdcp-DuplicationSplitSRB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters-v15c0)

pdcp-DuplicationSplitDRB ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (NRDC-Parameters-v1610)

measAndMobParametersNRDC-v1610 MeasAndMobParametersMRDC-v1610 OPTIONAL

Name of the Sub\_IE: (NRDC-Parameters-v1700)

f1c-OverNR-RRC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (NRDC-Parameters-v1700)

measAndMobParametersNRDC-v1700 MeasAndMobParametersMRDC-v1700

Name of the IE: (NTN-PARAMETERS)

Name of the Sub\_IE: (NTN-Parameters-r17)

inactiveStateNTN-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

ra-SDT-NTN-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

srb-SDT-NTN-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

measAndMobParametersNTN-r17 MeasAndMobParameters OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

mac-ParametersNTN-r17 MAC-Parameters OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

phy-ParametersNTN-r17 Phy-Parameters OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

fdd-Add-UE-NR-CapabilitiesNTN-r17 UE-NR-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

fr1-Add-UE-NR-CapabilitiesNTN-r17 UE-NR-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

ue-BasedPerfMeas-ParametersNTN-r17 UE-BasedPerfMeas-Parameters-r16 OPTIONAL,

Name of the Sub\_IE: (NTN-Parameters-r17)

son-ParametersNTN-r17 SON-Parameters-r16 OPTIONAL

Name of the IE: (PDCP-PARAMETERS)

Name of the Sub\_IE: (PDCP-Parameters)

supportedROHC-Profiles SEQUENCE {

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0000 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0001 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0002 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0003 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0004 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0006 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0101 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0102 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0103 BOOLEAN,

Name of the Sub\_IE: (PDCP-Parameters)

profile0x0104 BOOLEAN

Name of the Sub\_IE: (PDCP-Parameters)

},

Name of the Sub\_IE: (PDCP-Parameters)

maxNumberROHC-ContextSessions ENUMERATED {cs2, cs4, cs8, cs12, cs16, cs24, cs32, cs48, cs64,

Name of the Sub\_IE: (PDCP-Parameters)

cs128, cs256, cs512, cs1024, cs16384, spare2, spare1},

Name of the Sub\_IE: (PDCP-Parameters)

uplinkOnlyROHC-Profiles ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

continueROHC-Context ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

outOfOrderDelivery ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

shortSN ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

pdcp-DuplicationSRB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

pdcp-DuplicationMCG-OrSCG-DRB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

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Name of the Sub\_IE: (PDCP-Parameters)

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Name of the Sub\_IE: (PDCP-Parameters)

drb-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

non-DRB-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

extendedDiscardTimer-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

continueEHC-Context-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

ehc-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

maxNumberEHC-Contexts-r16 ENUMERATED {cs2, cs4, cs8, cs16, cs32, cs64, cs128, cs256, cs512,

Name of the Sub\_IE: (PDCP-Parameters)

cs1024, cs2048, cs4096, cs8192, cs16384, cs32768, cs65536} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

jointEHC-ROHC-Config-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

pdcp-DuplicationMoreThanTwoRLC-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (PDCP-Parameters)

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Name of the Sub\_IE: (PDCP-Parameters)

[[

Name of the Sub\_IE: (PDCP-Parameters)

longSN-RedCap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

udc-r17 SEQUENCE {

Name of the Sub\_IE: (PDCP-Parameters)

standardDictionary-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

operatorDictionary-r17 SEQUENCE {

Name of the Sub\_IE: (PDCP-Parameters)

versionOfDictionary-r17 INTEGER (0..15),

Name of the Sub\_IE: (PDCP-Parameters)

associatedPLMN-ID-r17 PLMN-Identity

Name of the Sub\_IE: (PDCP-Parameters)

} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

continueUDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-Parameters)

supportOfBufferSize-r17 ENUMERATED {kbyte4, kbyte8} OPTIONAL

Name of the Sub\_IE: (PDCP-Parameters)

} OPTIONAL

Name of the Sub\_IE: (PDCP-Parameters)

]]

Name of the IE: (PDCP-PARAMETERSMRDC)

Name of the Sub\_IE: (PDCP-ParametersMRDC)

pdcp-DuplicationSplitSRB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-ParametersMRDC)

pdcp-DuplicationSplitDRB ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (PDCP-ParametersMRDC-v1610)

scg-DRB-NR-IAB-r16 ENUMERATED {supported} OPTIONAL

Name of the IE: (PHY-PARAMETERS)

Name of the Sub\_IE: (Phy-Parameters)

phy-ParametersCommon Phy-ParametersCommon OPTIONAL,

Name of the Sub\_IE: (Phy-Parameters)

phy-ParametersXDD-Diff Phy-ParametersXDD-Diff OPTIONAL,

Name of the Sub\_IE: (Phy-Parameters)

phy-ParametersFRX-Diff Phy-ParametersFRX-Diff OPTIONAL,

Name of the Sub\_IE: (Phy-Parameters)

phy-ParametersFR1 Phy-ParametersFR1 OPTIONAL,

Name of the Sub\_IE: (Phy-Parameters)

phy-ParametersFR2 Phy-ParametersFR2 OPTIONAL

Name of the Sub\_IE: (Phy-Parameters-v16a0)

phy-ParametersCommon-v16a0 Phy-ParametersCommon-v16a0 OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

csi-RS-CFRA-ForHO ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicPRB-BundlingDL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

sp-CSI-ReportPUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

sp-CSI-ReportPUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

nzp-CSI-RS-IntefMgmt ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-SP-CSI-Feedback-LongPUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

precoderGranularityCORESET ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicHARQ-ACK-Codebook ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

semiStaticHARQ-ACK-Codebook ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

spatialBundlingHARQ-ACK ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicBetaOffsetInd-HARQ-ACK-CSI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pucch-Repetition-F1-3-4 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

ra-Type0-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicSwitchRA-Type0-1-PDSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicSwitchRA-Type0-1-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pdsch-MappingTypeA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pdsch-MappingTypeB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

interleavingVRB-ToPRB-PDSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

interSlotFreqHopping-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

type1-PUSCH-RepetitionMultiSlots ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-PUSCH-RepetitionMultiSlots ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pusch-RepetitionMultiSlots ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pdsch-RepetitionMultiSlots ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

downlinkSPS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

configuredUL-GrantType1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

configuredUL-GrantType2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pre-EmptIndication-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

cbg-TransIndication-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

cbg-TransIndication-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

cbg-FlushIndication-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dynamicHARQ-ACK-CodeB-CBG-Retx-DL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

rateMatchingResrcSetSemi-Static ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

rateMatchingResrcSetDynamic ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

bwp-SwitchingDelay ENUMERATED {type1, type2} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

...,

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

dummy ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberSearchSpaces ENUMERATED {n10} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

rateMatchingCtrlResrcSetDynamic ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

maxLayersMIMO-Indication ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

spCellPlacement CarrierAggregationVariant OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 9-1: Basic channel structure and procedure of 2-step RACH

Name of the Sub\_IE: (Phy-ParametersCommon)

twoStepRACH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-1: Monitoring DCI format 1\_2 and DCI format 0\_2

Name of the Sub\_IE: (Phy-ParametersCommon)

dci-Format1-2And0-2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-1a: Monitoring both DCI format 0\_1/1\_1 and DCI format 0\_2/1\_2 in the same search space

Name of the Sub\_IE: (Phy-ParametersCommon)

monitoringDCI-SameSearchSpace-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-10: Type 2 configured grant release by DCI format 0\_1

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-CG-ReleaseDCI-0-1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-11: Type 2 configured grant release by DCI format 0\_2

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-CG-ReleaseDCI-0-2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 12-3: SPS release by DCI format 1\_1

Name of the Sub\_IE: (Phy-ParametersCommon)

sps-ReleaseDCI-1-1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 12-3a: SPS release by DCI format 1\_2

Name of the Sub\_IE: (Phy-ParametersCommon)

sps-ReleaseDCI-1-2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 14-8: CSI trigger states containing non-active BWP

Name of the Sub\_IE: (Phy-ParametersCommon)

csi-TriggerStateNon-ActiveBWP-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-2: Support up to 4 SMTCs configured for an IAB node MT per frequency location, including IAB-specific SMTC window periodicities

Name of the Sub\_IE: (Phy-ParametersCommon)

separateSMTC-InterIAB-Support-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-3: Support RACH configuration separately from the RACH configuration for UE access, including new IAB-specific offset and scaling factors

Name of the Sub\_IE: (Phy-ParametersCommon)

separateRACH-IAB-Support-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-5a: Support semi-static configuration/indication of UL-Flexible-DL slot formats for IAB-MT resources

Name of the Sub\_IE: (Phy-ParametersCommon)

ul-flexibleDL-SlotFormatSemiStatic-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-5b: Support dynamic indication of UL-Flexible-DL slot formats for IAB-MT resources

Name of the Sub\_IE: (Phy-ParametersCommon)

ul-flexibleDL-SlotFormatDynamics-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dft-S-OFDM-WaveformUL-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-6: Support DCI Format 2\_5 based indication of soft resource availability to an IAB node

Name of the Sub\_IE: (Phy-ParametersCommon)

dci-25-AI-RNTI-Support-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-7: Support T\_delta reception.

Name of the Sub\_IE: (Phy-ParametersCommon)

t-DeltaReceptionSupport-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 20-8: Support of Desired guard symbol reporting and provided guard symbok reception.

Name of the Sub\_IE: (Phy-ParametersCommon)

guardSymbolReportReception-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 18-8 HARQ-ACK codebook type and spatial bundling per PUCCH group

Name of the Sub\_IE: (Phy-ParametersCommon)

harqACK-CB-SpatialBundlingPUCCH-Group-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 19-2: Cross Slot Scheduling

Name of the Sub\_IE: (Phy-ParametersCommon)

crossSlotScheduling-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersCommon)

non-SharedSpectrumChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

sharedSpectrumChAccess-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberSRS-PosPathLossEstimateAllServingCells-r16 ENUMERATED {n1, n4, n8, n16} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

extendedCG-Periodicities-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

extendedSPS-Periodicities-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

codebookVariantsList-r16 CodebookVariantsList-r16 OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-6: PUSCH repetition Type A

Name of the Sub\_IE: (Phy-ParametersCommon)

pusch-RepetitionTypeA-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersCommon)

sharedSpectrumChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

non-SharedSpectrumChAccess-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-4b: DL priority indication in DCI with mixed DCI formats

Name of the Sub\_IE: (Phy-ParametersCommon)

dci-DL-PriorityIndicator-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 12-1a: UL priority indication in DCI with mixed DCI formats

Name of the Sub\_IE: (Phy-ParametersCommon)

dci-UL-PriorityIndicator-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-1e: Maximum number of configured pathloss reference RSs for PUSCH/PUCCH/SRS by RRC for MAC-CE based pathloss reference RS update

Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberPathlossRS-Update-r16 ENUMERATED {n4, n8, n16, n32, n64} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 18-9: Usage of the PDSCH starting time for HARQ-ACK type 2 codebook

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-HARQ-ACK-Codebook-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-1g-1: Resources for beam management, pathloss measurement, BFD, RLM and new beam identification across frequency ranges

Name of the Sub\_IE: (Phy-ParametersCommon)

maxTotalResourcesForAcrossFreqRanges-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberResWithinSlotAcrossCC-AcrossFR-r16 ENUMERATED {n2, n4, n8, n12, n16, n32, n64, n128} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberResAcrossCC-AcrossFR-r16 ENUMERATED {n2, n4, n8, n12, n16, n32, n40, n48, n64, n72, n80, n96, n128, n256}

Name of the Sub\_IE: (Phy-ParametersCommon)

OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-2a-4: HARQ-ACK for multi-DCI based multi-TRP - separate

Name of the Sub\_IE: (Phy-ParametersCommon)

harqACK-separateMultiDCI-MultiTRP-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersCommon)

maxNumberLongPUCCHs-r16 ENUMERATED {longAndLong, longAndShort, shortAndShort} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-2a-4: HARQ-ACK for multi-DCI based multi-TRP - joint

Name of the Sub\_IE: (Phy-ParametersCommon)

harqACK-jointMultiDCI-MultiTRP-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R4 9-1: BWP switching on multiple CCs RRM requirements

Name of the Sub\_IE: (Phy-ParametersCommon)

bwp-SwitchingMultiCCs-r16 CHOICE {

Name of the Sub\_IE: (Phy-ParametersCommon)

type1-r16 ENUMERATED {us100, us200},

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-r16 ENUMERATED {us200, us400, us800, us1000}

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

]],

Name of the Sub\_IE: (Phy-ParametersCommon)

[[

Name of the Sub\_IE: (Phy-ParametersCommon)

targetSMTC-SCG-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

supportRepetitionZeroOffsetRV-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 11-12: in-order CBG-based re-transmission

Name of the Sub\_IE: (Phy-ParametersCommon)

cbg-TransInOrderPUSCH-UL-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

]],

Name of the Sub\_IE: (Phy-ParametersCommon)

[[

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R4 6-3: Dormant BWP switching on multiple CCs RRM requirements

Name of the Sub\_IE: (Phy-ParametersCommon)

bwp-SwitchingMultiDormancyCCs-r16 CHOICE {

Name of the Sub\_IE: (Phy-ParametersCommon)

type1-r16 ENUMERATED {us100, us200},

Name of the Sub\_IE: (Phy-ParametersCommon)

type2-r16 ENUMERATED {us200, us400, us800, us1000}

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-2a-8: Indicates that retransmission scheduled by a different CORESETPoolIndex for multi-DCI multi-TRP is not supported.

Name of the Sub\_IE: (Phy-ParametersCommon)

supportRetx-Diff-CoresetPool-Multi-DCI-TRP-r16 ENUMERATED {notSupported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 22-10: Support of pdcch-MonitoringAnyOccasionsWithSpanGap in case of cross-carrier scheduling with different SCSs

Name of the Sub\_IE: (Phy-ParametersCommon)

pdcch-MonitoringAnyOccasionsWithSpanGapCrossCarrierSch-r16 ENUMERATED {mode2, mode3} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

]],

Name of the Sub\_IE: (Phy-ParametersCommon)

[[

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-1j-1: Support of 2 port CSI-RS for new beam identification

Name of the Sub\_IE: (Phy-ParametersCommon)

newBeamIdentifications2PortCSI-RS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 16-1j-2: Support of 2 port CSI-RS for pathloss estimation

Name of the Sub\_IE: (Phy-ParametersCommon)

pathlossEstimation2PortCSI-RS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

[[

Name of the Sub\_IE: (Phy-ParametersCommon)

mux-HARQ-ACK-withoutPUCCH-onPUSCH-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

]],

Name of the Sub\_IE: (Phy-ParametersCommon)

[[

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-1: Support of Desired Guard Symbol reporting and provided guard symbol reception.

Name of the Sub\_IE: (Phy-ParametersCommon)

guardSymbolReportReception-IAB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-2: support of restricted IAB-DU beam reception

Name of the Sub\_IE: (Phy-ParametersCommon)

restricted-IAB-DU-BeamReception-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-3: support of recommended IAB-MT beam transmission for DL and UL beam

Name of the Sub\_IE: (Phy-ParametersCommon)

recommended-IAB-MT-BeamTransmission-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-4: support of case 6 timing alignment indication reception

Name of the Sub\_IE: (Phy-ParametersCommon)

case6-TimingAlignmentReception-IAB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-5: support of case 7 timing offset indication reception and case 7 timing at parent-node indication reception

Name of the Sub\_IE: (Phy-ParametersCommon)

case7-TimingAlignmentReception-IAB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-6: support of desired DL Tx power adjustment reporting and DL Tx power adjustment reception

Name of the Sub\_IE: (Phy-ParametersCommon)

dl-tx-PowerAdjustment-IAB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-7: support of desired IAB-MT PSD range reporting

Name of the Sub\_IE: (Phy-ParametersCommon)

desired-ul-tx-PowerAdjustment-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-8: support of monitoring DCI Format 2\_5 scrambled by AI-RNTI for indication of FDM soft resource availability to an IAB node

Name of the Sub\_IE: (Phy-ParametersCommon)

fdm-SoftResourceAvailability-DynamicIndication-r17 ENUMERATED{supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-10: Support of updated T\_delta range reception

Name of the Sub\_IE: (Phy-ParametersCommon)

updated-T-DeltaRangeRecption-r17 ENUMERATED{supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 30-5: Support slot based dynamic PUCCH repetition indication for PUCCH formats 0/1/2/3/4

Name of the Sub\_IE: (Phy-ParametersCommon)

slotBasedDynamicPUCCH-Rep-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 25-1: Support of HARQ-ACK deferral in case of TDD collision

Name of the Sub\_IE: (Phy-ParametersCommon)

sps-HARQ-ACK-Deferral-r17 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersCommon)

non-SharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

sharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 23-1-1k Maximum number of configured CC lists (per UE)

Name of the Sub\_IE: (Phy-ParametersCommon)

unifiedJointTCI-commonUpdate-r17 INTEGER (1..4) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 23-2-1c PDCCH repetition with a single span of three contiguous OFDM symbols that is within the first four OFDM symbols in a slot

Name of the Sub\_IE: (Phy-ParametersCommon)

mTRP-PDCCH-singleSpan-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 27-23: Support of more than one activated PRS processing windows across all active DL BWPs

Name of the Sub\_IE: (Phy-ParametersCommon)

supportedActivatedPRS-ProcessingWindow-r17 ENUMERATED {n2, n3, n4} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

cg-TimeDomainAllocationExtension-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 25-20: Propagation delay compensation based on legacy TA procedure for TN and licensed

Name of the Sub\_IE: (Phy-ParametersCommon)

ta-BasedPDC-TN-NonSharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

-- R1 31-11: Directional Collision Handling in DC operation

Name of the Sub\_IE: (Phy-ParametersCommon)

directionalCollisionDC-IAB-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

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Name of the Sub\_IE: (Phy-ParametersCommon)

dummy1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dummy2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dummy3 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

dummy4 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

srs-AdditionalRepetition-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersCommon)

pusch-Repetition-CG-SDT-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersCommon)

]]

Name of the Sub\_IE: (Phy-ParametersCommon-v16a0)

srs-PeriodicityAndOffsetExt-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

dynamicSFI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

twoPUCCH-F0-2-ConsecSymbols ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

twoDifferentTPC-Loop-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

twoDifferentTPC-Loop-PUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

...,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

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Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

dl-SchedulingOffset-PDSCH-TypeA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

dl-SchedulingOffset-PDSCH-TypeB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

ul-SchedulingOffset ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersXDD-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dynamicSFI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dummy1 BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoFL-DMRS BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dummy2 BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dummy3 BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

supportedDMRS-TypeDL ENUMERATED {type1, type1And2} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

supportedDMRS-TypeUL ENUMERATED {type1, type1And2} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

semiOpenLoopCSI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-ReportWithoutPMI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-ReportWithoutCQI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

onePortsPTRS BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoPUCCH-F0-2-ConsecSymbols ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F2-WithFH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F3-WithFH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F4-WithFH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F0-2WithoutFH ENUMERATED {notSupported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F1-3-4WithoutFH ENUMERATED {notSupported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

mux-SR-HARQ-ACK-CSI-PUCCH-MultiPerSlot ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

uci-CodeBlockSegmentation ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

onePUCCH-LongAndShortFormat ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoPUCCH-AnyOthersInSlot ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

intraSlotFreqHopping-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pusch-LBRM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pdcch-BlindDetectionCA INTEGER (4..16) OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

tpc-PUSCH-RNTI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

tpc-PUCCH-RNTI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

tpc-SRS-RNTI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

absoluteTPC-Command ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoDifferentTPC-Loop-PUSCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoDifferentTPC-Loop-PUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pusch-HalfPi-BPSK ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pucch-F3-4-HalfPi-BPSK ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

almostContiguousCP-OFDM-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

sp-CSI-RS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

sp-CSI-IM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

tdd-MultiDL-UL-SwitchPerSlot ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

multipleCORESET ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-RS-IM-ReceptionForFeedback CSI-RS-IM-ReceptionForFeedback OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-RS-ProcFrameworkForSRS CSI-RS-ProcFrameworkForSRS OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-ReportFramework CSI-ReportFramework OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

mux-SR-HARQ-ACK-CSI-PUCCH-OncePerSlot SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

sameSymbol ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

diffSymbol ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

mux-SR-HARQ-ACK-PUCCH ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

mux-MultipleGroupCtrlCH-Overlap ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dl-SchedulingOffset-PDSCH-TypeA ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dl-SchedulingOffset-PDSCH-TypeB ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

ul-SchedulingOffset ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

dl-64QAM-MCS-TableAlt ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

ul-64QAM-MCS-TableAlt ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

cqi-TableAlt ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

oneFL-DMRS-TwoAdditionalDMRS-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoFL-DMRS-TwoAdditionalDMRS-UL ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

oneFL-DMRS-ThreeAdditionalDMRS-UL ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pdcch-BlindDetectionNRDC SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pdcch-BlindDetectionMCG-UE INTEGER (1..15),

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

pdcch-BlindDetectionSCG-UE INTEGER (1..15)

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

mux-HARQ-ACK-PUSCH-DiffSymbol ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 11-1b: Type 1 HARQ-ACK codebook support for relative TDRA for DL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

type1-HARQ-ACK-Codebook-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 11-8: Enhanced UL power control scheme

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

enhancedPowerControl-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 16-1b-1: TCI state activation across multiple CCs

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

simultaneousTCI-ActMultipleCC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 16-1b-2: Spatial relation update across multiple CCs

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

simultaneousSpatialRelationMultipleCC-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

cli-RSSI-FDM-DL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

cli-SRS-RSRP-FDM-DL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 19-3: Maximum MIMO Layer Adaptation

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

maxLayersMIMO-Adaptation-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 12-5: Configuration of aggregation factor per SPS configuration

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

aggregationFactorSPS-DL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 16-1g: Resources for beam management, pathloss measurement, BFD, RLM and new beam identification

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

maxTotalResourcesForOneFreqRange-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

maxNumberResWithinSlotAcrossCC-OneFR-r16 ENUMERATED {n2, n4, n8, n12, n16, n32, n64, n128} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

maxNumberResAcrossCC-OneFR-r16 ENUMERATED {n2, n4, n8, n12, n16, n32, n40, n48, n64, n72, n80, n96, n128, n256}

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 16-7: Extension of the maximum number of configured aperiodic CSI report settings

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

csi-ReportFrameworkExt-r16 CSI-ReportFrameworkExt-r16 OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

twoTCI-Act-servingCellInCC-List-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 22-11: Support of 'cri-RI-CQI' report without non-PMI-PortIndication

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

cri-RI-CQI-WithoutNon-PMI-PortInd-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

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Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

-- R1 25-11: 4-bits subband CQI for TN and licensed

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

cqi-4-BitsSubbandTN-NonSharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFRX-Diff)

]]

Name of the Sub\_IE: (Phy-ParametersFR1)

pdcch-MonitoringSingleOccasion ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR1)

scs-60kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR1)

pdsch-256QAM-FR1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR1)

pdsch-RE-MappingFR1-PerSymbol ENUMERATED {n10, n20} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR1)

...,

Name of the Sub\_IE: (Phy-ParametersFR1)

[[

Name of the Sub\_IE: (Phy-ParametersFR1)

pdsch-RE-MappingFR1-PerSlot ENUMERATED {n16, n32, n48, n64, n80, n96, n112, n128,

Name of the Sub\_IE: (Phy-ParametersFR1)

n144, n160, n176, n192, n208, n224, n240, n256} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFR1)

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Name of the Sub\_IE: (Phy-ParametersFR1)

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Name of the Sub\_IE: (Phy-ParametersFR1)

-- R1 22-12: PDCCH monitoring with a single span of three contiguous OFDM symbols that is within the first four OFDM symbols in a

Name of the Sub\_IE: (Phy-ParametersFR1)

-- slot

Name of the Sub\_IE: (Phy-ParametersFR1)

pdcch-MonitoringSingleSpanFirst4Sym-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFR1)

]]

Name of the Sub\_IE: (Phy-ParametersFR2)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR2)

pdsch-RE-MappingFR2-PerSymbol ENUMERATED {n6, n20} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR2)

...,

Name of the Sub\_IE: (Phy-ParametersFR2)

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Name of the Sub\_IE: (Phy-ParametersFR2)

pCell-FR2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR2)

pdsch-RE-MappingFR2-PerSlot ENUMERATED {n16, n32, n48, n64, n80, n96, n112, n128,

Name of the Sub\_IE: (Phy-ParametersFR2)

n144, n160, n176, n192, n208, n224, n240, n256} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFR2)

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Name of the Sub\_IE: (Phy-ParametersFR2)

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Name of the Sub\_IE: (Phy-ParametersFR2)

-- R1 16-1c: Support of default spatial relation and pathloss reference RS for dedicated-PUCCH/SRS and PUSCH

Name of the Sub\_IE: (Phy-ParametersFR2)

defaultSpatialRelationPathlossRS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR2)

-- R1 16-1d: Support of spatial relation update for AP-SRS via MAC CE

Name of the Sub\_IE: (Phy-ParametersFR2)

spatialRelationUpdateAP-SRS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersFR2)

maxNumberSRS-PosSpatialRelationsAllServingCells-r16 ENUMERATED {n0, n1, n2, n4, n8, n16} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersFR2)

]]

Name of the IE: (PHY-PARAMETERSMRDC)

Name of the Sub\_IE: (Phy-ParametersMRDC)

naics-Capability-List SEQUENCE (SIZE (1..maxNrofNAICS-Entries)) OF NAICS-Capability-Entry OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersMRDC)

...,

Name of the Sub\_IE: (Phy-ParametersMRDC)

[[

Name of the Sub\_IE: (Phy-ParametersMRDC)

spCellPlacement CarrierAggregationVariant OPTIONAL

Name of the Sub\_IE: (Phy-ParametersMRDC)

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Name of the Sub\_IE: (Phy-ParametersMRDC)

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Name of the Sub\_IE: (Phy-ParametersMRDC)

-- R1 18-3b: Semi-statically configured LTE UL transmissions in all UL subframes not limited to tdm-pattern in case of TDD PCell

Name of the Sub\_IE: (Phy-ParametersMRDC)

tdd-PCellUL-TX-AllUL-Subframe-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersMRDC)

-- R1 18-3a: Semi-statically configured LTE UL transmissions in all UL subframes not limited to tdm-pattern in case of FDD PCell

Name of the Sub\_IE: (Phy-ParametersMRDC)

fdd-PCellUL-TX-AllUL-Subframe-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersMRDC)

]]

Name of the Sub\_IE: (NAICS-Capability-Entry)

numberOfNAICS-CapableCC INTEGER(1..5),

Name of the Sub\_IE: (NAICS-Capability-Entry)

numberOfAggregatedPRB ENUMERATED {n50, n75, n100, n125, n150, n175, n200, n225,

Name of the Sub\_IE: (NAICS-Capability-Entry)

n250, n275, n300, n350, n400, n450, n500, spare},

Name of the Sub\_IE: (NAICS-Capability-Entry)

...

Name of the IE: (PHY-PARAMETERSSHAREDSPECTRUMCHACCESS)

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-32 (1-2): SS block based SINR measurement (SS-SINR) for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

ss-SINR-Meas-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-33 (2-32a): Semi-persistent CSI report on PUCCH for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

sp-CSI-ReportPUCCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-33a (2-32b): Semi-persistent CSI report on PUSCH for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

sp-CSI-ReportPUSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-34 (3-6): Dynamic SFI monitoring for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

dynamicSFI-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-35c (4-19c): SR/HARQ-ACK/CSI multiplexing once per slot using a PUCCH (or HARQ-ACK/CSI piggybacked on a PUSCH) when SR/HARQ-

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- ACK/CSI are supposed to be sent with different starting symbols in a slot for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-35 (4-19): SR/HARQ-ACK/CSI multiplexing once per slot using a PUCCH (or HARQ-ACK/CSI piggybacked on a PUSCH) when SR/HARQ-

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- ACK/CSI are supposed to be sent with the same starting symbol on the PUCCH resources in a slot for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

mux-SR-HARQ-ACK-CSI-PUCCH-OncePerSlot-r16 SEQUENCE {

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

sameSymbol-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

diffSymbol-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-35a (4-19a): Overlapping PUCCH resources have different starting symbols in a slot for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

mux-SR-HARQ-ACK-PUCCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-35b (4-19b): SR/HARQ-ACK/CSI multiplexing more than once per slot using a PUCCH (or HARQ-ACK/CSI piggybacked on a PUSCH) when

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- SR/HARQ ACK/CSI are supposed to be sent with the same or different starting symbol in a slot for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

mux-SR-HARQ-ACK-CSI-PUCCH-MultiPerSlot-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-36 (4-28): HARQ-ACK multiplexing on PUSCH with different PUCCH/PUSCH starting OFDM symbols for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

mux-HARQ-ACK-PUSCH-DiffSymbol-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-37 (4-23): Repetitions for PUCCH format 1, 3, and 4 over multiple slots with K = 2, 4, 8 for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

pucch-Repetition-F1-3-4-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-38 (5-14): Type 1 configured PUSCH repetitions over multiple slots for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

type1-PUSCH-RepetitionMultiSlots-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-39 (5-16): Type 2 configured PUSCH repetitions over multiple slots for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

type2-PUSCH-RepetitionMultiSlots-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-40 (5-17): PUSCH repetitions over multiple slots for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

pusch-RepetitionMultiSlots-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-40a (5-17a): PDSCH repetitions over multiple slots for unlicensed spectrum

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

pdsch-RepetitionMultiSlots-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-41 (5-18): DL SPS

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

downlinkSPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-42 (5-19): Type 1 Configured UL grant

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

configuredUL-GrantType1-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-43 (5-20): Type 2 Configured UL grant

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

configuredUL-GrantType2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

-- 10-44 (5-21): Pre-emption indication for DL

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

pre-EmptIndication-DL-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (Phy-ParametersSharedSpectrumChAccess-r16)

...

Name of the IE: (POSSRS-RRC-INACTIVE-OUTSIDEINITIALUL-BWP)

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

-- R1 27-15b: Positioning SRS transmission in RRC\_INACTIVE state configured outside initial UL BWP

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxSRSposBandwidthForEachSCS-withinCC-FR1-r17 ENUMERATED {bw5, bw10, bw15, bw20, bw25, bw30, bw35, bw40,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

bw45, bw50, bw60, bw70, bw80, bw90, bw100} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxSRSposBandwidthForEachSCS-withinCC-FR2-r17 ENUMERATED {bw50, bw100, bw200, bw400} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfSRSposResourceSets-r17 ENUMERATED {n1, n2, n4, n8, n12, n16} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfPeriodicSRSposResources-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfPeriodicSRSposResourcesPerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

differentNumerologyBetweenSRSposAndInitialBWP-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

srsPosWithoutRestrictionOnBWP-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfPeriodicAndSemipersistentSRSposResources-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfPeriodicAndSemipersistentSRSposResourcesPerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

differentCenterFreqBetweenSRSposAndInitialBWP-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

switchingTimeSRS-TX-OtherTX-r17 ENUMERATED {us100, us140, us200, us300, us500} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

-- R1 27-15c: Support of positioning SRS transmission in RRC\_INACTIVE state outside initial BWP with semi-persistent SRS

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfSemiPersistentSRSposResources-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

maxNumOfSemiPersistentSRSposResourcesPerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14} OPTIONAL,

Name of the Sub\_IE: (PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17)

...

Name of the IE: (POWSAV-PARAMETERS)

Name of the Sub\_IE: (PowSav-Parameters-r16)

powSav-ParametersCommon-r16 PowSav-ParametersCommon-r16 OPTIONAL,

Name of the Sub\_IE: (PowSav-Parameters-r16)

powSav-ParametersFRX-Diff-r16 PowSav-ParametersFRX-Diff-r16 OPTIONAL,

Name of the Sub\_IE: (PowSav-Parameters-r16)

...

Name of the Sub\_IE: (PowSav-Parameters-v1700)

powSav-ParametersFR2-2-r17 PowSav-ParametersFR2-2-r17 OPTIONAL,

Name of the Sub\_IE: (PowSav-Parameters-v1700)

...

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

drx-Preference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

maxCC-Preference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

releasePreference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

-- R1 19-4a: UE assistance information

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

minSchedulingOffsetPreference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersCommon-r16)

...

Name of the Sub\_IE: (PowSav-ParametersFRX-Diff-r16)

maxBW-Preference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersFRX-Diff-r16)

maxMIMO-LayerPreference-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersFRX-Diff-r16)

...

Name of the Sub\_IE: (PowSav-ParametersFR2-2-r17)

maxBW-Preference-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersFR2-2-r17)

maxMIMO-LayerPreference-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PowSav-ParametersFR2-2-r17)

...

Name of the IE: (PROCESSINGPARAMETERS)

Name of the Sub\_IE: (ProcessingParameters)

fallback ENUMERATED {sc, cap1-only},

Name of the Sub\_IE: (ProcessingParameters)

differentTB-PerSlot SEQUENCE {

Name of the Sub\_IE: (ProcessingParameters)

upto1 NumberOfCarriers OPTIONAL,

Name of the Sub\_IE: (ProcessingParameters)

upto2 NumberOfCarriers OPTIONAL,

Name of the Sub\_IE: (ProcessingParameters)

upto4 NumberOfCarriers OPTIONAL,

Name of the Sub\_IE: (ProcessingParameters)

upto7 NumberOfCarriers OPTIONAL

Name of the Sub\_IE: (ProcessingParameters)

} OPTIONAL

Name of the IE: (PRS-PROCESSINGCAPABILITYOUTSIDEMGINPPWPERType)

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

prsProcessingType-r17 ENUMERATED {type1A, type1B, type2},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-dl-PRS-BufferType-r17 ENUMERATED {type1, type2, ...},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-Processing-r17 CHOICE {

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-Processing1-r17 SEQUENCE {

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-ProcessingSymbolsN-r17 ENUMERATED {msDot125, msDot25, msDot5, ms1, ms2, ms4, ms6, ms8, ms12,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ms16, ms20, ms25, ms30, ms32, ms35, ms40, ms45, ms50},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-ProcessingSymbolsT-r17 ENUMERATED {ms1, ms2, ms4, ms8, ms16, ms20, ms30, ms40, ms80,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ms160, ms320, ms640, ms1280}

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-Processing2-r17 SEQUENCE {

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-ProcessingSymbolsN2-r17 ENUMERATED {msDot125, msDot25, msDot5, ms1, ms2, ms3, ms4, ms5,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ms6, ms8, ms12},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-durationOfPRS-ProcessingSymbolsT2-r17 ENUMERATED {ms4, ms5, ms6, ms8}

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

} OPTIONAL,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-maxNumOfDL-PRS-ResProcessedPerSlot-r17 SEQUENCE {

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

scs15-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

scs30-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

scs60-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

scs120-r17 ENUMERATED {n1, n2, n4, n6, n8, n12, n16, n24, n32, n48, n64} OPTIONAL,

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

...

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

ppw-maxNumOfDL-Bandwidth-r17 CHOICE {

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

fr1-r17 ENUMERATED {mhz5, mhz10, mhz20, mhz40, mhz50, mhz80, mhz100},

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

fr2-r17 ENUMERATED {mhz50, mhz100, mhz200, mhz400}

Name of the Sub\_IE: (PRS-ProcessingCapabilityOutsideMGinPPWperType-r17)

} OPTIONAL

Name of the IE: (RAT-TYPE)

Name of the Sub\_IE: (RAT-Type)

RAT-Type ENUMERATED {nr, eutra-nr, eutra, utra-fdd-v1610, ...}

Name of the IE: (REDCAPPARAMETERS)

Name of the Sub\_IE: (RedCapParameters-r17)

-- R1 28-1: RedCap UE

Name of the Sub\_IE: (RedCapParameters-r17)

supportOfRedCap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RedCapParameters-r17)

supportOf16DRB-RedCap-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (RedCapParameters-v1740)

ncd-SSB-ForRedCapInitialBWP-SDT-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (RF-PARAMETERS)

Name of the Sub\_IE: (RF-Parameters)

supportedBandListNR SEQUENCE (SIZE (1..maxBands)) OF BandNR,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList BandCombinationList OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

appliedFreqBandListFilter FreqBandList OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

...,

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1540 BandCombinationList-v1540 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

srs-SwitchingTimeRequested ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1550 BandCombinationList-v1550 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1560 BandCombinationList-v1560 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1610 BandCombinationList-v1610 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSidelinkEUTRA-NR-r16 BandCombinationListSidelinkEUTRA-NR-r16 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-r16 BandCombinationList-UplinkTxSwitch-r16 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1630 BandCombinationList-v1630 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSidelinkEUTRA-NR-v1630 BandCombinationListSidelinkEUTRA-NR-v1630 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1630 BandCombinationList-UplinkTxSwitch-v1630 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1640 BandCombinationList-v1640 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1640 BandCombinationList-UplinkTxSwitch-v1640 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1650 BandCombinationList-v1650 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1650 BandCombinationList-UplinkTxSwitch-v1650 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

extendedBand-n77-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1670 BandCombinationList-UplinkTxSwitch-v1670 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1680 BandCombinationList-v1680 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1690 BandCombinationList-v1690 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1690 BandCombinationList-UplinkTxSwitch-v1690 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1700 BandCombinationList-v1700 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1700 BandCombinationList-UplinkTxSwitch-v1700 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSL-RelayDiscovery-r17 OCTET STRING OPTIONAL, -- Contains PC5 BandCombinationListSidelinkNR-r16

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSL-NonRelayDiscovery-r17 OCTET STRING OPTIONAL, -- Contains PC5 BandCombinationListSidelinkNR-r16

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSidelinkEUTRA-NR-v1710 BandCombinationListSidelinkEUTRA-NR-v1710 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

sidelinkRequested-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

extendedBand-n77-2-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1720 BandCombinationList-v1720 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1720 BandCombinationList-UplinkTxSwitch-v1720 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1730 BandCombinationList-v1730 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1730 BandCombinationList-UplinkTxSwitch-v1730 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSL-RelayDiscovery-v1730 BandCombinationListSL-Discovery-r17 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationListSL-NonRelayDiscovery-v1730 BandCombinationListSL-Discovery-r17 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]],

Name of the Sub\_IE: (RF-Parameters)

[[

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-v1740 BandCombinationList-v1740 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters)

supportedBandCombinationList-UplinkTxSwitch-v1740 BandCombinationList-UplinkTxSwitch-v1740 OPTIONAL

Name of the Sub\_IE: (RF-Parameters)

]]

Name of the Sub\_IE: (RF-Parameters-v15g0)

supportedBandCombinationList-v15g0 BandCombinationList-v15g0 OPTIONAL

Name of the Sub\_IE: (RF-Parameters-v16a0)

supportedBandCombinationList-v16a0 BandCombinationList-v16a0 OPTIONAL,

Name of the Sub\_IE: (RF-Parameters-v16a0)

supportedBandCombinationList-UplinkTxSwitch-v16a0 BandCombinationList-UplinkTxSwitch-v16a0 OPTIONAL

Name of the Sub\_IE: (RF-Parameters-v16c0)

supportedBandListNR-v16c0 SEQUENCE (SIZE (1..maxBands)) OF BandNR-v16c0

Name of the Sub\_IE: (BandNR)

bandNR FreqBandIndicatorNR,

Name of the Sub\_IE: (BandNR)

modifiedMPR-Behaviour BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

mimo-ParametersPerBand MIMO-ParametersPerBand OPTIONAL,

Name of the Sub\_IE: (BandNR)

extendedCP ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

multipleTCI ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

bwp-WithoutRestriction ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

bwp-SameNumerology ENUMERATED {upto2, upto4} OPTIONAL,

Name of the Sub\_IE: (BandNR)

bwp-DiffNumerology ENUMERATED {upto4} OPTIONAL,

Name of the Sub\_IE: (BandNR)

crossCarrierScheduling-SameSCS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

pdsch-256QAM-FR2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

pusch-256QAM ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

ue-PowerClass ENUMERATED {pc1, pc2, pc3, pc4} OPTIONAL,

Name of the Sub\_IE: (BandNR)

rateMatchingLTE-CRS ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-DL CHOICE {

Name of the Sub\_IE: (BandNR)

fr1 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz BIT STRING (SIZE (10)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz BIT STRING (SIZE (10)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (10)) OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (3)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz BIT STRING (SIZE (3)) OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-UL CHOICE {

Name of the Sub\_IE: (BandNR)

fr1 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz BIT STRING (SIZE (10)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz BIT STRING (SIZE (10)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (10)) OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (3)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz BIT STRING (SIZE (3)) OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

...,

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

maxUplinkDutyCycle-PC2-FR1 ENUMERATED {n60, n70, n80, n90, n100} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

pucch-SpatialRelInfoMAC-CE ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

powerBoosting-pi2BPSK ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

maxUplinkDutyCycle-FR2 ENUMERATED {n15, n20, n25, n30, n40, n50, n60, n70, n80, n90, n100} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

channelBWs-DL-v1590 CHOICE {

Name of the Sub\_IE: (BandNR)

fr1 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz BIT STRING (SIZE (8)) OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-UL-v1590 CHOICE {

Name of the Sub\_IE: (BandNR)

fr1 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2 SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz BIT STRING (SIZE (8)) OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

asymmetricBandwidthCombinationSet BIT STRING (SIZE (1..32)) OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

-- R1 10: NR-unlicensed

Name of the Sub\_IE: (BandNR)

sharedSpectrumChAccessParamsPerBand-r16 SharedSpectrumChAccessParamsPerBand-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 11-7b: Independent cancellation of the overlapping PUSCHs in an intra-band UL CA

Name of the Sub\_IE: (BandNR)

cancelOverlappingPUSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 14-1: Multiple LTE-CRS rate matching patterns

Name of the Sub\_IE: (BandNR)

multipleRateMatchingEUTRA-CRS-r16 SEQUENCE {

Name of the Sub\_IE: (BandNR)

maxNumberPatterns-r16 INTEGER (2..6),

Name of the Sub\_IE: (BandNR)

maxNumberNon-OverlapPatterns-r16 INTEGER (1..3)

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 14-1a: Two LTE-CRS overlapping rate matching patterns within a part of NR carrier using 15 kHz overlapping with a LTE carrier

Name of the Sub\_IE: (BandNR)

overlapRateMatchingEUTRA-CRS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 14-2: PDSCH Type B mapping of length 9 and 10 OFDM symbols

Name of the Sub\_IE: (BandNR)

pdsch-MappingTypeB-Alt-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 14-3: One slot periodic TRS configuration for FR1

Name of the Sub\_IE: (BandNR)

oneSlotPeriodicTRS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

olpc-SRS-Pos-r16 OLPC-SRS-Pos-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

spatialRelationsSRS-Pos-r16 SpatialRelationsSRS-Pos-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

simulSRS-MIMO-TransWithinBand-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBW-DL-IAB-r16 CHOICE {

Name of the Sub\_IE: (BandNR)

fr1-100mhz SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2-200mhz SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBW-UL-IAB-r16 CHOICE {

Name of the Sub\_IE: (BandNR)

fr1-100mhz SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-15kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-30kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-60kHz ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

},

Name of the Sub\_IE: (BandNR)

fr2-200mhz SEQUENCE {

Name of the Sub\_IE: (BandNR)

scs-60kHz ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

scs-120kHz ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

rasterShift7dot5-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

ue-PowerClass-v1610 ENUMERATED {pc1dot5} OPTIONAL,

Name of the Sub\_IE: (BandNR)

condHandover-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

condHandoverFailure-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

condHandoverTwoTriggerEvents-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

condPSCellChange-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

condPSCellChangeTwoTriggerEvents-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

mpr-PowerBoost-FR2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 11-9: Multiple active configured grant configurations for a BWP of a serving cell

Name of the Sub\_IE: (BandNR)

activeConfiguredGrant-r16 SEQUENCE {

Name of the Sub\_IE: (BandNR)

maxNumberConfigsPerBWP-r16 ENUMERATED {n1, n2, n4, n8, n12},

Name of the Sub\_IE: (BandNR)

maxNumberConfigsAllCC-r16 INTEGER (2..32)

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 11-9a: Joint release in a DCI for two or more configured grant Type 2 configurations for a given BWP of a serving cell

Name of the Sub\_IE: (BandNR)

jointReleaseConfiguredGrantType2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 12-2: Multiple SPS configurations

Name of the Sub\_IE: (BandNR)

sps-r16 SEQUENCE {

Name of the Sub\_IE: (BandNR)

maxNumberConfigsPerBWP-r16 INTEGER (1..8),

Name of the Sub\_IE: (BandNR)

maxNumberConfigsAllCC-r16 INTEGER (2..32)

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 12-2a: Joint release in a DCI for two or more SPS configurations for a given BWP of a serving cell

Name of the Sub\_IE: (BandNR)

jointReleaseSPS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 13-19: Simultaneous positioning SRS and MIMO SRS transmission within a band across multiple CCs

Name of the Sub\_IE: (BandNR)

simulSRS-TransWithinBand-r16 ENUMERATED {n2} OPTIONAL,

Name of the Sub\_IE: (BandNR)

trs-AdditionalBandwidth-r16 ENUMERATED {trs-AddBW-Set1, trs-AddBW-Set2} OPTIONAL,

Name of the Sub\_IE: (BandNR)

handoverIntraF-IAB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

-- R1 22-5a: Simultaneous transmission of SRS for antenna switching and SRS for CB/NCB /BM for intra-band UL CA

Name of the Sub\_IE: (BandNR)

-- R1 22-5c: Simultaneous transmission of SRS for antenna switching and SRS for antenna switching for intra-band UL CA

Name of the Sub\_IE: (BandNR)

simulTX-SRS-AntSwitchingIntraBandUL-CA-r16 SimulSRS-ForAntennaSwitching-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 10: NR-unlicensed

Name of the Sub\_IE: (BandNR)

sharedSpectrumChAccessParamsPerBand-v1630 SharedSpectrumChAccessParamsPerBand-v1630 OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

handoverUTRA-FDD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 7-4: Report the shorter transient capability supported by the UE: 2, 4 or 7us

Name of the Sub\_IE: (BandNR)

enhancedUL-TransientPeriod-r16 ENUMERATED {us2, us4, us7} OPTIONAL,

Name of the Sub\_IE: (BandNR)

sharedSpectrumChAccessParamsPerBand-v1640 SharedSpectrumChAccessParamsPerBand-v1640 OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

type1-PUSCH-RepetitionMultiSlots-v1650 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

type2-PUSCH-RepetitionMultiSlots-v1650 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

pusch-RepetitionMultiSlots-v1650 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

configuredUL-GrantType1-v1650 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

configuredUL-GrantType2-v1650 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

sharedSpectrumChAccessParamsPerBand-v1650 SharedSpectrumChAccessParamsPerBand-v1650 OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

enhancedSkipUplinkTxConfigured-v1660 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

enhancedSkipUplinkTxDynamic-v1660 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

maxUplinkDutyCycle-PC1dot5-MPE-FR1-r16 ENUMERATED {n10, n15, n20, n25, n30, n40, n50, n60, n70, n80, n90, n100} OPTIONAL,

Name of the Sub\_IE: (BandNR)

txDiversity-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

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Name of the Sub\_IE: (BandNR)

-- R1 36-1: Support of 1024QAM for PDSCH for FR1

Name of the Sub\_IE: (BandNR)

pdsch-1024QAM-FR1-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 22-1 support of FR2 HST operation

Name of the Sub\_IE: (BandNR)

ue-PowerClass-v1700 ENUMERATED {pc5, pc6, pc7} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 24: NR extension to 71GHz (FR2-2)

Name of the Sub\_IE: (BandNR)

fr2-2-AccessParamsPerBand-r17 FR2-2-AccessParamsPerBand-r17 OPTIONAL,

Name of the Sub\_IE: (BandNR)

rlm-Relaxation-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

bfd-Relaxation-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

cg-SDT-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

locationBasedCondHandover-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

timeBasedCondHandover-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

eventA4BasedCondHandover-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

mn-InitiatedCondPSCellChangeNRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

sn-InitiatedCondPSCellChangeNRDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 29-3a: PDCCH skipping

Name of the Sub\_IE: (BandNR)

pdcch-SkippingWithoutSSSG-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 29-3b: 2 search space sets group switching

Name of the Sub\_IE: (BandNR)

sssg-Switching-1BitInd-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 29-3c: 3 search space sets group switching

Name of the Sub\_IE: (BandNR)

sssg-Switching-2BitInd-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 29-3d: 2 search space sets group switching with PDCCH skipping

Name of the Sub\_IE: (BandNR)

pdcch-SkippingWithSSSG-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 29-3e: Support Search space set group switching capability 2 for FR1

Name of the Sub\_IE: (BandNR)

searchSpaceSetGrp-switchCap2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-1: Uplink Time and Frequency pre-compensation and timing relationship enhancements

Name of the Sub\_IE: (BandNR)

uplinkPreCompensation-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-4: UE reporting of information related to TA pre-compensation

Name of the Sub\_IE: (BandNR)

uplink-TA-Reporting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-5: Increasing the number of HARQ processes

Name of the Sub\_IE: (BandNR)

max-HARQ-ProcessNumber-r17 ENUMERATED {u16d32, u32d16, u32d32} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-6: Type-2 HARQ codebook enhancement

Name of the Sub\_IE: (BandNR)

type2-HARQ-Codebook-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-6a: Type-1 HARQ codebook enhancement

Name of the Sub\_IE: (BandNR)

type1-HARQ-Codebook-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-6b: Type-3 HARQ codebook enhancement

Name of the Sub\_IE: (BandNR)

type3-HARQ-Codebook-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-9: UE-specific K\_offset

Name of the Sub\_IE: (BandNR)

ue-specific-K-Offset-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 24-1f: Multiple PDSCH scheduling by single DCI for 120kHz in FR2-1

Name of the Sub\_IE: (BandNR)

multiPDSCH-SingleDCI-FR2-1-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 24-1g: Multiple PUSCH scheduling by single DCI for 120kHz in FR2-1

Name of the Sub\_IE: (BandNR)

multiPUSCH-SingleDCI-FR2-1-SCS-120kHz-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 14-4: Parallel PRS measurements in RRC\_INACTIVE state, FR1/FR2 diff

Name of the Sub\_IE: (BandNR)

parallelPRS-MeasRRC-Inactive-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-1-2: Support of UE-TxTEGs for UL TDOA

Name of the Sub\_IE: (BandNR)

nr-UE-TxTEG-ID-MaxSupport-r17 ENUMERATED {n1, n2, n3, n4, n6, n8} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-17: PRS processing in RRC\_INACTIVE

Name of the Sub\_IE: (BandNR)

prs-ProcessingRRC-Inactive-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-3-2: DL PRS measurement outside MG and in a PRS processing window

Name of the Sub\_IE: (BandNR)

prs-ProcessingWindowType1A-r17 ENUMERATED {option1, option2, option3} OPTIONAL,

Name of the Sub\_IE: (BandNR)

prs-ProcessingWindowType1B-r17 ENUMERATED {option1, option2, option3} OPTIONAL,

Name of the Sub\_IE: (BandNR)

prs-ProcessingWindowType2-r17 ENUMERATED {option1, option2, option3} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-15: Positioning SRS transmission in RRC\_INACTIVE state for initial UL BWP

Name of the Sub\_IE: (BandNR)

srs-AllPosResourcesRRC-Inactive-r17 SRS-AllPosResourcesRRC-Inactive-r17 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-16: OLPC for positioning SRS in RRC\_INACTIVE state - gNB

Name of the Sub\_IE: (BandNR)

olpc-SRS-PosRRC-Inactive-r17 OLPC-SRS-Pos-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-19: Spatial relation for positioning SRS in RRC\_INACTIVE state - gNB

Name of the Sub\_IE: (BandNR)

spatialRelationsSRS-PosRRC-Inactive-r17 SpatialRelationsSRS-Pos-r16 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-1: Increased maximum number of PUSCH Type A repetitions

Name of the Sub\_IE: (BandNR)

maxNumberPUSCH-TypeA-Repetition-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-2: PUSCH Type A repetitions based on available slots

Name of the Sub\_IE: (BandNR)

puschTypeA-RepetitionsAvailSlot-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-3: TB processing over multi-slot PUSCH

Name of the Sub\_IE: (BandNR)

tb-ProcessingMultiSlotPUSCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-3a: Repetition of TB processing over multi-slot PUSCH

Name of the Sub\_IE: (BandNR)

tb-ProcessingRepMultiSlotPUSCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4: The maximum duration for DM-RS bundling

Name of the Sub\_IE: (BandNR)

maxDurationDMRS-Bundling-r17 SEQUENCE {

Name of the Sub\_IE: (BandNR)

fdd-r17 ENUMERATED {n4, n8, n16, n32} OPTIONAL,

Name of the Sub\_IE: (BandNR)

tdd-r17 ENUMERATED {n2, n4, n8, n16} OPTIONAL

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-6: Repetition of PUSCH transmission scheduled by RAR UL grant and DCI format 0\_0 with CRC scrambled by TC-RNTI

Name of the Sub\_IE: (BandNR)

pusch-RepetitionMsg3-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

sharedSpectrumChAccessParamsPerBand-v1710 SharedSpectrumChAccessParamsPerBand-v1710 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 25-2: Parallel measurements on cells belonging to a different NGSO satellite than a serving satellite without scheduling restrictions

Name of the Sub\_IE: (BandNR)

-- on normal operations with the serving cell

Name of the Sub\_IE: (BandNR)

parallelMeasurementWithoutRestriction-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 25-5: Parallel measurements on multiple NGSO satellites within a SMTC

Name of the Sub\_IE: (BandNR)

maxNumber-NGSO-SatellitesWithinOneSMTC-r17 ENUMERATED {n1, n2, n3, n4} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 26-10: K1 range extension

Name of the Sub\_IE: (BandNR)

k1-RangeExtension-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 35-1: Aperiodic CSI-RS for tracking for fast SCell activation

Name of the Sub\_IE: (BandNR)

aperiodicCSI-RS-FastScellActivation-r17 SEQUENCE {

Name of the Sub\_IE: (BandNR)

maxNumberAperiodicCSI-RS-PerCC-r17 ENUMERATED {n8, n16, n32, n48, n64, n128, n255},

Name of the Sub\_IE: (BandNR)

maxNumberAperiodicCSI-RS-AcrossCCs-r17 ENUMERATED {n8, n16, n32, n64, n128, n256, n512, n1024}

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 35-2: Aperiodic CSI-RS bandwidth for tracking for fast SCell activation for 10MHz UE channel bandwidth

Name of the Sub\_IE: (BandNR)

aperiodicCSI-RS-AdditionalBandwidth-r17 ENUMERATED {addBW-Set1, addBW-Set2} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 28-1a: RRC-configured DL BWP without CD-SSB or NCD-SSB

Name of the Sub\_IE: (BandNR)

bwp-WithoutCD-SSB-OrNCD-SSB-RedCap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 28-3: Half-duplex FDD operation type A for RedCap UE

Name of the Sub\_IE: (BandNR)

halfDuplexFDD-TypeA-RedCap-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-15b: Positioning SRS transmission in RRC\_INACTIVE state configured outside initial UL BWP

Name of the Sub\_IE: (BandNR)

posSRS-RRC-Inactive-OutsideInitialUL-BWP-r17 PosSRS-RRC-Inactive-OutsideInitialUL-BWP-r17 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 15-3 UE support of CBW for 480kHz SCS

Name of the Sub\_IE: (BandNR)

channelBWs-DL-SCS-480kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-UL-SCS-480kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 15-4 UE support of CBW for 960kHz SCS

Name of the Sub\_IE: (BandNR)

channelBWs-DL-SCS-960kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-UL-SCS-960kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 17-1 UL gap for Tx power management

Name of the Sub\_IE: (BandNR)

ul-GapFR2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-4: One-shot HARQ ACK feedback triggered by DCI format 1\_2

Name of the Sub\_IE: (BandNR)

oneShotHARQ-feedbackTriggeredByDCI-1-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-5: PHY priority handling for one-shot HARQ ACK feedback

Name of the Sub\_IE: (BandNR)

oneShotHARQ-feedbackPhy-Priority-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-6: Enhanced type 3 HARQ-ACK codebook feedback

Name of the Sub\_IE: (BandNR)

enhancedType3-HARQ-CodebookFeedback-r17 SEQUENCE {

Name of the Sub\_IE: (BandNR)

enhancedType3-HARQ-Codebooks-r17 ENUMERATED {n1, n2, n4, n8},

Name of the Sub\_IE: (BandNR)

maxNumberPUCCH-Transmissions-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n7}

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-7: Triggered HARQ-ACK codebook re-transmission

Name of the Sub\_IE: (BandNR)

triggeredHARQ-CodebookRetx-r17 SEQUENCE {

Name of the Sub\_IE: (BandNR)

minHARQ-Retx-Offset-r17 ENUMERATED {n-7, n-5, n-3, n-1, n1},

Name of the Sub\_IE: (BandNR)

maxHARQ-Retx-Offset-r17 ENUMERATED {n4, n6, n8, n10, n12, n14, n16, n18, n20, n22, n24}

Name of the Sub\_IE: (BandNR)

} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

-- R4 22-2 support of one shot large UL timing adjustment

Name of the Sub\_IE: (BandNR)

ue-OneShotUL-TimingAdj-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-2: Repetitions for PUCCH format 0, and 2 over multiple slots with K = 2, 4, 8

Name of the Sub\_IE: (BandNR)

pucch-Repetition-F0-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-11a: 4-bits subband CQI for NTN and unlicensed

Name of the Sub\_IE: (BandNR)

cqi-4-BitsSubbandNTN-SharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-16: HARQ-ACK with different priorities multiplexing on a PUCCH/PUSCH

Name of the Sub\_IE: (BandNR)

mux-HARQ-ACK-DiffPriorities-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 25-20a: Propagation delay compensation based on legacy TA procedure for NTN and unlicensed

Name of the Sub\_IE: (BandNR)

ta-BasedPDC-NTN-SharedSpectrumChAccess-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-2b: DCI-based enabling/disabling ACK/NACK-based feedback for dynamic scheduling for multicast

Name of the Sub\_IE: (BandNR)

ack-NACK-FeedbackForMulticastWithDCI-Enabler-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-2e: Multiple G-RNTIs for group-common PDSCHs

Name of the Sub\_IE: (BandNR)

maxNumberG-RNTI-r17 INTEGER (2..8) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-2f: Dynamic multicast with DCI format 4\_2

Name of the Sub\_IE: (BandNR)

dynamicMulticastDCI-Format4-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-2i: Supported maximal modulation order for multicast PDSCH

Name of the Sub\_IE: (BandNR)

maxModulationOrderForMulticast-r17 CHOICE {

Name of the Sub\_IE: (BandNR)

fr1-r17 ENUMERATED {qam256, qam1024},

Name of the Sub\_IE: (BandNR)

fr2-r17 ENUMERATED {qam64, qam256}

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-3-1: Dynamic Slot-level repetition for group-common PDSCH for TN and licensed

Name of the Sub\_IE: (BandNR)

dynamicSlotRepetitionMulticastTN-NonSharedSpectrumChAccess-r17 ENUMERATED {n8, n16} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-3-1a: Dynamic Slot-level repetition for group-common PDSCH for NTN and unlicensed

Name of the Sub\_IE: (BandNR)

dynamicSlotRepetitionMulticastNTN-SharedSpectrumChAccess-r17 ENUMERATED {n8, n16} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-4-1: DCI-based enabling/disabling NACK-only based feedback for dynamic scheduling for multicast

Name of the Sub\_IE: (BandNR)

nack-OnlyFeedbackForMulticastWithDCI-Enabler-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-5-1b: DCI-based enabling/disabling ACK/NACK-based feedback for dynamic scheduling for multicast

Name of the Sub\_IE: (BandNR)

ack-NACK-FeedbackForSPS-MulticastWithDCI-Enabler-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-5-1h: Multiple G-CS-RNTIs for SPS group-common PDSCHs

Name of the Sub\_IE: (BandNR)

maxNumberG-CS-RNTI-r17 INTEGER (2..8) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-10: Support group-common PDSCH RE-level rate matching for multicast

Name of the Sub\_IE: (BandNR)

re-LevelRateMatchingForMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 36-1a: Support of 1024QAM for PDSCH with maximum 2 MIMO layers for FR1

Name of the Sub\_IE: (BandNR)

pdsch-1024QAM-2MIMO-FR1-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 14-3 PRS measurement without MG

Name of the Sub\_IE: (BandNR)

prs-MeasurementWithoutMG-r17 ENUMERATED {cpLength, quarterSymbol, halfSymbol, halfSlot} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R4 25-7: The number of target LEO satellites the UE can monitor per carrier

Name of the Sub\_IE: (BandNR)

maxNumber-LEO-SatellitesPerCarrier-r17 INTEGER (3..4) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-3-3 DL PRS Processing Capability outside MG - buffering capability

Name of the Sub\_IE: (BandNR)

prs-ProcessingCapabilityOutsideMGinPPW-r17 SEQUENCE (SIZE(1..3)) OF PRS-ProcessingCapabilityOutsideMGinPPWperType-r17 OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 27-15a: Positioning SRS transmission in RRC\_INACTIVE state for initial UL BWP with semi-persistent SRS

Name of the Sub\_IE: (BandNR)

srs-SemiPersistent-PosResourcesRRC-Inactive-r17 SEQUENCE {

Name of the Sub\_IE: (BandNR)

maxNumOfSemiPersistentSRSposResources-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (BandNR)

maxNumOfSemiPersistentSRSposResourcesPerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14}

Name of the Sub\_IE: (BandNR)

} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R2: UE support of CBW for 120kHz SCS

Name of the Sub\_IE: (BandNR)

channelBWs-DL-SCS-120kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL,

Name of the Sub\_IE: (BandNR)

channelBWs-UL-SCS-120kHz-FR2-2-r17 BIT STRING (SIZE (8)) OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

-- R1 30-4a: DM-RS bundling for PUSCH repetition type A

Name of the Sub\_IE: (BandNR)

dmrs-BundlingPUSCH-RepTypeA-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4b: DM-RS bundling for PUSCH repetition type B

Name of the Sub\_IE: (BandNR)

dmrs-BundlingPUSCH-RepTypeB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4c: DM-RS bundling for TB processing over multi-slot PUSCH

Name of the Sub\_IE: (BandNR)

dmrs-BundlingPUSCH-multiSlot-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4d: DMRS bundling for PUCCH repetitions

Name of the Sub\_IE: (BandNR)

dmrs-BundlingPUCCH-Rep-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4e: Enhanced inter-slot frequency hopping with inter-slot bundling for PUSCH

Name of the Sub\_IE: (BandNR)

interSlotFreqHopInterSlotBundlingPUSCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4f: Enhanced inter-slot frequency hopping for PUCCH repetitions with DMRS bundling

Name of the Sub\_IE: (BandNR)

interSlotFreqHopPUCCH-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4g: Restart DM-RS bundling

Name of the Sub\_IE: (BandNR)

dmrs-BundlingRestart-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 30-4h: DM-RS bundling for non-back-to-back transmission

Name of the Sub\_IE: (BandNR)

dmrs-BundlingNonBackToBackTX-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]],

Name of the Sub\_IE: (BandNR)

[[

Name of the Sub\_IE: (BandNR)

-- R1 33-5-1e: Dynamic Slot-level repetition for SPS group-common PDSCH for multicast

Name of the Sub\_IE: (BandNR)

maxDynamicSlotRepetitionForSPS-Multicast-r17 ENUMERATED {n8, n16} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-5-1g: DCI-based enabling/disabling NACK-only based feedback for SPS group-common PDSCH for multicast

Name of the Sub\_IE: (BandNR)

nack-OnlyFeedbackForSPS-MulticastWithDCI-Enabler-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-5-1i: Multicast SPS scheduling with DCI format 4\_2

Name of the Sub\_IE: (BandNR)

sps-MulticastDCI-Format4-2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-5-2: Multiple SPS group-common PDSCH configuration on PCell

Name of the Sub\_IE: (BandNR)

sps-MulticastMultiConfig-r17 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-6-1: DL priority indication for multicast in DCI

Name of the Sub\_IE: (BandNR)

priorityIndicatorInDCI-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-6-1a: DL priority configuration for SPS multicast

Name of the Sub\_IE: (BandNR)

priorityIndicatorInDCI-SPS-Multicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-6-2: Two HARQ-ACK codebooks simultaneously constructed for supporting HARQ-ACK codebooks with different priorities

Name of the Sub\_IE: (BandNR)

-- for unicast and multicast at a UE

Name of the Sub\_IE: (BandNR)

twoHARQ-ACK-CodebookForUnicastAndMulticast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-6-3: More than one PUCCH for HARQ-ACK transmission for multicast or for unicast and multicast within a slot

Name of the Sub\_IE: (BandNR)

multiPUCCH-HARQ-ACK-ForMulticastUnicast-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR)

-- R1 33-9: Supporting unicast PDCCH to release SPS group-common PDSCH

Name of the Sub\_IE: (BandNR)

releaseSPS-MulticastWithCS-RNTI-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandNR)

]]

Name of the Sub\_IE: (BandNR-v16c0)

pusch-RepetitionTypeA-v16c0 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandNR-v16c0)

...

Name of the IE: (RF-PARAMETERSMRDC)

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList BandCombinationList OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

appliedFreqBandListFilter FreqBandList OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

...,

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

srs-SwitchingTimeRequested ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1540 BandCombinationList-v1540 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1550 BandCombinationList-v1550 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1560 BandCombinationList-v1560 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only BandCombinationList OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1570 BandCombinationList-v1570 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1580 BandCombinationList-v1580 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1590 BandCombinationList-v1590 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v15a0 SEQUENCE {

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1540 BandCombinationList-v1540 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1560 BandCombinationList-v1560 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1570 BandCombinationList-v1570 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1580 BandCombinationList-v1580 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1590 BandCombinationList-v1590 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

} OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1610 BandCombinationList-v1610 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1610 BandCombinationList-v1610 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-r16 BandCombinationList-UplinkTxSwitch-r16 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1630 BandCombinationList-v1630 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1630 BandCombinationList-v1630 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1630 BandCombinationList-UplinkTxSwitch-v1630 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1640 BandCombinationList-v1640 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1640 BandCombinationList-v1640 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1640 BandCombinationList-UplinkTxSwitch-v1640 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1670 BandCombinationList-UplinkTxSwitch-v1670 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1700 BandCombinationList-v1700 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1700 BandCombinationList-UplinkTxSwitch-v1700 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1720 BandCombinationList-v1720 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1720 SEQUENCE {

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1700 BandCombinationList-v1700 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1720 BandCombinationList-v1720 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

} OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1720 BandCombinationList-UplinkTxSwitch-v1720 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1730 BandCombinationList-v1730 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1730 BandCombinationList-v1730 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1730 BandCombinationList-UplinkTxSwitch-v1730 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]],

Name of the Sub\_IE: (RF-ParametersMRDC)

[[

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-v1740 BandCombinationList-v1740 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationListNEDC-Only-v1740 BandCombinationList-v1740 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC)

supportedBandCombinationList-UplinkTxSwitch-v1740 BandCombinationList-UplinkTxSwitch-v1740 OPTIONAL

Name of the Sub\_IE: (RF-ParametersMRDC)

]]

Name of the Sub\_IE: (RF-ParametersMRDC-v15g0)

supportedBandCombinationList-v15g0 BandCombinationList-v15g0 OPTIONAL,

Name of the Sub\_IE: (RF-ParametersMRDC-v15g0)

supportedBandCombinationListNEDC-Only-v15g0 BandCombinationList-v15g0 OPTIONAL

Name of the IE: (RLC-PARAMETERS)

Name of the Sub\_IE: (RLC-Parameters)

am-WithShortSN ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-Parameters)

um-WithShortSN ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-Parameters)

um-WithLongSN ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-Parameters)

...,

Name of the Sub\_IE: (RLC-Parameters)

[[

Name of the Sub\_IE: (RLC-Parameters)

extendedT-PollRetransmit-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-Parameters)

extendedT-StatusProhibit-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (RLC-Parameters)

]],

Name of the Sub\_IE: (RLC-Parameters)

[[

Name of the Sub\_IE: (RLC-Parameters)

am-WithLongSN-RedCap-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (RLC-Parameters)

]]

Name of the IE: (SDAP-PARAMETERS)

Name of the Sub\_IE: (SDAP-Parameters)

as-ReflectiveQoS ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (SDAP-Parameters)

...,

Name of the Sub\_IE: (SDAP-Parameters)

[[

Name of the Sub\_IE: (SDAP-Parameters)

sdap-QOS-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SDAP-Parameters)

sdapHeaderIAB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SDAP-Parameters)

]]

Name of the IE: (SIDELINKPARAMETERS)

Name of the Sub\_IE: (SidelinkParameters-r16)

sidelinkParametersNR-r16 SidelinkParametersNR-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParameters-r16)

sidelinkParametersEUTRA-r16 SidelinkParametersEUTRA-r16 OPTIONAL

Name of the Sub\_IE: (SidelinkParametersNR-r16)

rlc-ParametersSidelink-r16 RLC-ParametersSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

mac-ParametersSidelink-r16 MAC-ParametersSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

fdd-Add-UE-Sidelink-Capabilities-r16 UE-SidelinkCapabilityAddXDD-Mode-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

tdd-Add-UE-Sidelink-Capabilities-r16 UE-SidelinkCapabilityAddXDD-Mode-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

supportedBandListSidelink-r16 SEQUENCE (SIZE (1..maxBands)) OF BandSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

...,

Name of the Sub\_IE: (SidelinkParametersNR-r16)

[[

Name of the Sub\_IE: (SidelinkParametersNR-r16)

relayParameters-r17 RelayParameters-r17 OPTIONAL

Name of the Sub\_IE: (SidelinkParametersNR-r16)

]],

Name of the Sub\_IE: (SidelinkParametersNR-r16)

[[

Name of the Sub\_IE: (SidelinkParametersNR-r16)

-- R1 32-x: Use of new P0 parameters for open loop power control

Name of the Sub\_IE: (SidelinkParametersNR-r16)

p0-OLPC-Sidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SidelinkParametersNR-r16)

]]

Name of the Sub\_IE: (SidelinkParametersEUTRA-r16)

sl-ParametersEUTRA1-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersEUTRA-r16)

sl-ParametersEUTRA2-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersEUTRA-r16)

sl-ParametersEUTRA3-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersEUTRA-r16)

supportedBandListSidelinkEUTRA-r16 SEQUENCE (SIZE (1..maxBandsEUTRA)) OF BandSidelinkEUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkParametersEUTRA-r16)

...

Name of the Sub\_IE: (RLC-ParametersSidelink-r16)

am-WithLongSN-Sidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-ParametersSidelink-r16)

um-WithLongSN-Sidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RLC-ParametersSidelink-r16)

...

Name of the Sub\_IE: (MAC-ParametersSidelink-r16)

mac-ParametersSidelinkCommon-r16 MAC-ParametersSidelinkCommon-r16 OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelink-r16)

mac-ParametersSidelinkXDD-Diff-r16 MAC-ParametersSidelinkXDD-Diff-r16 OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelink-r16)

...

Name of the Sub\_IE: (UE-SidelinkCapabilityAddXDD-Mode-r16)

mac-ParametersSidelinkXDD-Diff-r16 MAC-ParametersSidelinkXDD-Diff-r16 OPTIONAL

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

lcp-RestrictionSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

multipleConfiguredGrantsSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

...,

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

[[

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

drx-OnSidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersSidelinkCommon-r16)

]]

Name of the Sub\_IE: (MAC-ParametersSidelinkXDD-Diff-r16)

multipleSR-ConfigurationsSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelinkXDD-Diff-r16)

logicalChannelSR-DelayTimerSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelinkXDD-Diff-r16)

...

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

freqBandSidelinkEUTRA-r16 FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

-- R1 15-7: Transmitting LTE sidelink mode 3 scheduled by NR Uu

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

gnb-ScheduledMode3SidelinkEUTRA-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

gnb-ScheduledMode3DelaySidelinkEUTRA-r16 ENUMERATED {ms0, ms0dot25, ms0dot5, ms0dot625, ms0dot75, ms1,

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

ms1dot25, ms1dot5, ms1dot75, ms2, ms2dot5, ms3, ms4,

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

ms5, ms6, ms8, ms10, ms20}

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

-- R1 15-9: Transmitting LTE sidelink mode 4 configured by NR Uu

Name of the Sub\_IE: (BandSidelinkEUTRA-r16)

gnb-ScheduledMode4SidelinkEUTRA-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

freqBandSidelink-r16 FreqBandIndicatorNR,

Name of the Sub\_IE: (BandSidelink-r16)

--15-1

Name of the Sub\_IE: (BandSidelink-r16)

sl-Reception-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

harq-RxProcessSidelink-r16 ENUMERATED {n16, n24, n32, n48, n64},

Name of the Sub\_IE: (BandSidelink-r16)

pscch-RxSidelink-r16 ENUMERATED {value1, value2},

Name of the Sub\_IE: (BandSidelink-r16)

scs-CP-PatternRxSidelink-r16 CHOICE {

Name of the Sub\_IE: (BandSidelink-r16)

fr1-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-15kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-30kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

},

Name of the Sub\_IE: (BandSidelink-r16)

fr2-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-120kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

extendedCP-RxSidelink-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-2

Name of the Sub\_IE: (BandSidelink-r16)

sl-TransmissionMode1-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

harq-TxProcessModeOneSidelink-r16 ENUMERATED {n8, n16},

Name of the Sub\_IE: (BandSidelink-r16)

scs-CP-PatternTxSidelinkModeOne-r16 CHOICE {

Name of the Sub\_IE: (BandSidelink-r16)

fr1-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-15kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-30kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

},

Name of the Sub\_IE: (BandSidelink-r16)

fr2-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-120kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

},

Name of the Sub\_IE: (BandSidelink-r16)

extendedCP-TxSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

harq-ReportOnPUCCH-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-4

Name of the Sub\_IE: (BandSidelink-r16)

sync-Sidelink-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

gNB-Sync-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

gNB-GNSS-UE-SyncWithPriorityOnGNB-ENB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

gNB-GNSS-UE-SyncWithPriorityOnGNSS-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-10

Name of the Sub\_IE: (BandSidelink-r16)

sl-Tx-256QAM-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-11

Name of the Sub\_IE: (BandSidelink-r16)

psfch-FormatZeroSidelink-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

psfch-RxNumber ENUMERATED {n5, n15, n25, n32, n35, n45, n50, n64},

Name of the Sub\_IE: (BandSidelink-r16)

psfch-TxNumber ENUMERATED {n4, n8, n16}

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-12

Name of the Sub\_IE: (BandSidelink-r16)

lowSE-64QAM-MCS-TableSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-15

Name of the Sub\_IE: (BandSidelink-r16)

enb-sync-Sidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

...,

Name of the Sub\_IE: (BandSidelink-r16)

[[

Name of the Sub\_IE: (BandSidelink-r16)

--15-3

Name of the Sub\_IE: (BandSidelink-r16)

sl-TransmissionMode2-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

harq-TxProcessModeTwoSidelink-r16 ENUMERATED {n8, n16},

Name of the Sub\_IE: (BandSidelink-r16)

scs-CP-PatternTxSidelinkModeTwo-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

dl-openLoopPC-Sidelink-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-5

Name of the Sub\_IE: (BandSidelink-r16)

congestionControlSidelink-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

cbr-ReportSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

cbr-CR-TimeLimitSidelink-r16 ENUMERATED {time1, time2}

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-22

Name of the Sub\_IE: (BandSidelink-r16)

fewerSymbolSlotSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--15-23

Name of the Sub\_IE: (BandSidelink-r16)

sl-openLoopPC-RSRP-ReportSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--13-1

Name of the Sub\_IE: (BandSidelink-r16)

sl-Rx-256QAM-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

]],

Name of the Sub\_IE: (BandSidelink-r16)

[[

Name of the Sub\_IE: (BandSidelink-r16)

ue-PowerClassSidelink-r16 ENUMERATED {pc2, pc3, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (BandSidelink-r16)

OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

]],

Name of the Sub\_IE: (BandSidelink-r16)

[[

Name of the Sub\_IE: (BandSidelink-r16)

--32-4a

Name of the Sub\_IE: (BandSidelink-r16)

sl-TransmissionMode2-RandomResourceSelection-r17 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

harq-TxProcessModeTwoSidelink-r17 ENUMERATED {n8, n16},

Name of the Sub\_IE: (BandSidelink-r16)

scs-CP-PatternTxSidelinkModeTwo-r17 CHOICE {

Name of the Sub\_IE: (BandSidelink-r16)

fr1-r17 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-15kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-30kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

},

Name of the Sub\_IE: (BandSidelink-r16)

fr2-r17 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

scs-60kHz-r17 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

scs-120kHz-r17 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

extendedCP-Mode2Random-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

dl-openLoopPC-Sidelink-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-4b

Name of the Sub\_IE: (BandSidelink-r16)

sync-Sidelink-v1710 SEQUENCE {

Name of the Sub\_IE: (BandSidelink-r16)

sync-GNSS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

gNB-Sync-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

gNB-GNSS-UE-SyncWithPriorityOnGNB-ENB-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

gNB-GNSS-UE-SyncWithPriorityOnGNSS-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-4c

Name of the Sub\_IE: (BandSidelink-r16)

enb-sync-Sidelink-v1710 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-5a-2

Name of the Sub\_IE: (BandSidelink-r16)

rx-IUC-Scheme1-PreferredMode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-5a-3

Name of the Sub\_IE: (BandSidelink-r16)

rx-IUC-Scheme1-NonPreferredMode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-5b-2

Name of the Sub\_IE: (BandSidelink-r16)

rx-IUC-Scheme2-Mode2Sidelink-r17 ENUMERATED {n5, n15, n25, n32, n35, n45, n50, n64} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-6-1

Name of the Sub\_IE: (BandSidelink-r16)

rx-IUC-Scheme1-SCI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelink-r16)

--32-6-2

Name of the Sub\_IE: (BandSidelink-r16)

rx-IUC-Scheme1-SCI-ExplicitReq-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelink-r16)

]]

Name of the Sub\_IE: (RelayParameters-r17)

relayUE-Operation-L2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RelayParameters-r17)

remoteUE-Operation-L2-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RelayParameters-r17)

remoteUE-PathSwitchToIdleInactiveRelay-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (RelayParameters-r17)

...

Name of the IE: (SIMULTANEOUSRXTXPERBANDPAIR)

Name of the IE: (SON-PARAMETERS)

Name of the Sub\_IE: (SON-Parameters-r16)

rach-Report-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

...,

Name of the Sub\_IE: (SON-Parameters-r16)

[[

Name of the Sub\_IE: (SON-Parameters-r16)

rlfReportCHO-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

rlfReportDAPS-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

success-HO-Report-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

twoStepRACH-Report-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

pscell-MHI-Report-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SON-Parameters-r16)

onDemandSI-Report-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SON-Parameters-r16)

]]

Name of the IE: (SRS-ALLPOSRESOURCESRRC-INACTIVE)

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

srs-PosResourcesRRC-Inactive-r17 SEQUENCE {

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

-- R1 27-15: Positioning SRS transmission in RRC\_INACTIVE state for initial UL BWP

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

maxNumberSRS-PosResourceSetPerBWP-r17 ENUMERATED {n1, n2, n4, n8, n12, n16},

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

maxNumberSRS-PosResourcesPerBWP-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

maxNumberSRS-ResourcesPerBWP-PerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14},

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

maxNumberPeriodicSRS-PosResourcesPerBWP-r17 ENUMERATED {n1, n2, n4, n8, n16, n32, n64},

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

maxNumberPeriodicSRS-PosResourcesPerBWP-PerSlot-r17 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14},

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

dummy1 ENUMERATED {n1, n2, n4, n8, n16, n32, n64 },

Name of the Sub\_IE: (SRS-AllPosResourcesRRC-Inactive-r17)

dummy2 ENUMERATED {n1, n2, n3, n4, n5, n6, n8, n10, n12, n14}

Name of the IE: (SRS-SWITCHINGTIMENR)

Name of the Sub\_IE: (SRS-SwitchingTimeNR)

switchingTimeDL ENUMERATED {n0us, n30us, n100us, n140us, n200us, n300us, n500us, n900us} OPTIONAL,

Name of the Sub\_IE: (SRS-SwitchingTimeNR)

switchingTimeUL ENUMERATED {n0us, n30us, n100us, n140us, n200us, n300us, n500us, n900us} OPTIONAL

Name of the IE: (SRS-SWITCHINGTIMEEUTRA)

Name of the Sub\_IE: (SRS-SwitchingTimeEUTRA)

switchingTimeDL ENUMERATED {n0, n0dot5, n1, n1dot5, n2, n2dot5, n3, n3dot5, n4, n4dot5, n5, n5dot5, n6, n6dot5, n7}

Name of the Sub\_IE: (SRS-SwitchingTimeEUTRA)

OPTIONAL,

Name of the Sub\_IE: (SRS-SwitchingTimeEUTRA)

switchingTimeUL ENUMERATED {n0, n0dot5, n1, n1dot5, n2, n2dot5, n3, n3dot5, n4, n4dot5, n5, n5dot5, n6, n6dot5, n7}

Name of the Sub\_IE: (SRS-SwitchingTimeEUTRA)

OPTIONAL

Name of the IE: (SUPPORTEDBANDWIDTH)

Name of the Sub\_IE: (SupportedBandwidth)

fr1 ENUMERATED {mhz5, mhz10, mhz15, mhz20, mhz25, mhz30, mhz40, mhz50, mhz60, mhz80, mhz100},

Name of the Sub\_IE: (SupportedBandwidth)

fr2 ENUMERATED {mhz50, mhz100, mhz200, mhz400}

Name of the Sub\_IE: (SupportedBandwidth-v1700)

fr1-r17 ENUMERATED {mhz5, mhz10, mhz15, mhz20, mhz25, mhz30, mhz35, mhz40, mhz45, mhz50, mhz60, mhz70, mhz80, mhz90, mhz100},

Name of the Sub\_IE: (SupportedBandwidth-v1700)

fr2-r17 ENUMERATED {mhz50, mhz100, mhz200, mhz400, mhz800, mhz1600, mhz2000}

Name of the IE: (UE-BASEDPERFMEAS-PARAMETERS)

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

barometerMeasReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

immMeasBT-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

immMeasWLAN-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

loggedMeasBT-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

loggedMeasurements-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

loggedMeasWLAN-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

orientationMeasReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

speedMeasReport-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

gnss-Location-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

ulPDCP-Delay-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

...,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

[[

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

sigBasedLogMDT-OverrideProtect-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

multipleCEF-Report-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

excessPacketDelay-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

earlyMeasLog-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (UE-BasedPerfMeas-Parameters-r16)

]]

Name of the IE: (UE-CAPABILITYRAT-CONTAINERLIST)

Name of the Sub\_IE: (UE-CapabilityRAT-ContainerList)

UE-CapabilityRAT-ContainerList SEQUENCE (SIZE (0..maxRAT-CapabilityContainers)) OF UE-CapabilityRAT-Container

Name of the Sub\_IE: (UE-CapabilityRAT-Container)

rat-Type RAT-Type,

Name of the Sub\_IE: (UE-CapabilityRAT-Container)

ue-CapabilityRAT-Container OCTET STRING

Name of the IE: (UE-CAPABILITYRAT-REQUESTLIST)

Name of the Sub\_IE: (UE-CapabilityRAT-RequestList)

UE-CapabilityRAT-RequestList SEQUENCE (SIZE (1..maxRAT-CapabilityContainers)) OF UE-CapabilityRAT-Request

Name of the Sub\_IE: (UE-CapabilityRAT-Request)

rat-Type RAT-Type,

Name of the Sub\_IE: (UE-CapabilityRAT-Request)

capabilityRequestFilter OCTET STRING OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRAT-Request)

...

Name of the IE: (UE-CAPABILITYREQUESTFILTERCOMMON)

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

mrdc-Request SEQUENCE {

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

omitEN-DC ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

includeNR-DC ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

includeNE-DC ENUMERATED {true} OPTIONAL -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

...,

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

[[

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

codebookTypeRequest-r16 SEQUENCE {

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

type1-SinglePanel-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

type1-MultiPanel-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

type2-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

type2-PortSelection-r16 ENUMERATED {true} OPTIONAL -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

uplinkTxSwitchRequest-r16 ENUMERATED {true} OPTIONAL -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

]],

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

[[

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

requestedCellGrouping-r16 SEQUENCE (SIZE (1..maxCellGroupings-r16)) OF CellGrouping-r16 OPTIONAL -- Cond NRDC

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

]],

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

[[

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

fallbackGroupFiveRequest-r17 ENUMERATED {true} OPTIONAL -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterCommon)

]]

Name of the Sub\_IE: (CellGrouping-r16)

mcg-r16 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR,

Name of the Sub\_IE: (CellGrouping-r16)

scg-r16 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR,

Name of the Sub\_IE: (CellGrouping-r16)

mode-r16 ENUMERATED {sync, async}

Name of the IE: (UE-CAPABILITYREQUESTFILTERNR)

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR)

frequencyBandListFilter FreqBandList OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR)

nonCriticalExtension UE-CapabilityRequestFilterNR-v1540 OPTIONAL

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR-v1540)

srs-SwitchingTimeRequest ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR-v1540)

nonCriticalExtension UE-CapabilityRequestFilterNR-v1710 OPTIONAL

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR-v1710)

sidelinkRequest-r17 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (UE-CapabilityRequestFilterNR-v1710)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UE-MRDC-CAPABILITY)

Name of the Sub\_IE: (UE-MRDC-Capability)

measAndMobParametersMRDC MeasAndMobParametersMRDC OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

phy-ParametersMRDC-v1530 Phy-ParametersMRDC OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

rf-ParametersMRDC RF-ParametersMRDC,

Name of the Sub\_IE: (UE-MRDC-Capability)

generalParametersMRDC GeneralParametersMRDC-XDD-Diff OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

fdd-Add-UE-MRDC-Capabilities UE-MRDC-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

tdd-Add-UE-MRDC-Capabilities UE-MRDC-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

fr1-Add-UE-MRDC-Capabilities UE-MRDC-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

fr2-Add-UE-MRDC-Capabilities UE-MRDC-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

featureSetCombinations SEQUENCE (SIZE (1..maxFeatureSetCombinations)) OF FeatureSetCombination OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

pdcp-ParametersMRDC-v1530 PDCP-ParametersMRDC OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

lateNonCriticalExtension OCTET STRING (CONTAINING UE-MRDC-Capability-v15g0) OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability)

nonCriticalExtension UE-MRDC-Capability-v1560 OPTIONAL

Name of the Sub\_IE: (UE-MRDC-Capability)

-- Regular non-critical extensions:

Name of the Sub\_IE: (UE-MRDC-Capability-v1560)

receivedFilters OCTET STRING (CONTAINING UECapabilityEnquiry-v1560-IEs) OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1560)

measAndMobParametersMRDC-v1560 MeasAndMobParametersMRDC-v1560 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1560)

fdd-Add-UE-MRDC-Capabilities-v1560 UE-MRDC-CapabilityAddXDD-Mode-v1560 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1560)

tdd-Add-UE-MRDC-Capabilities-v1560 UE-MRDC-CapabilityAddXDD-Mode-v1560 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1560)

nonCriticalExtension UE-MRDC-Capability-v1610 OPTIONAL

Name of the Sub\_IE: (UE-MRDC-Capability-v1610)

measAndMobParametersMRDC-v1610 MeasAndMobParametersMRDC-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1610)

generalParametersMRDC-v1610 GeneralParametersMRDC-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1610)

pdcp-ParametersMRDC-v1610 PDCP-ParametersMRDC-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1610)

nonCriticalExtension UE-MRDC-Capability-v1700 OPTIONAL

Name of the Sub\_IE: (UE-MRDC-Capability-v1700)

measAndMobParametersMRDC-v1700 MeasAndMobParametersMRDC-v1700,

Name of the Sub\_IE: (UE-MRDC-Capability-v1700)

nonCriticalExtension UE-MRDC-Capability-v1730 OPTIONAL

Name of the Sub\_IE: (UE-MRDC-Capability-v1730)

measAndMobParametersMRDC-v1730 MeasAndMobParametersMRDC-v1730 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v1730)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (UE-MRDC-Capability-v1730)

-- Late non-critical extensions:

Name of the Sub\_IE: (UE-MRDC-Capability-v15g0)

rf-ParametersMRDC-v15g0 RF-ParametersMRDC-v15g0 OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-Capability-v15g0)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (UE-MRDC-CapabilityAddXDD-Mode)

measAndMobParametersMRDC-XDD-Diff MeasAndMobParametersMRDC-XDD-Diff OPTIONAL,

Name of the Sub\_IE: (UE-MRDC-CapabilityAddXDD-Mode)

generalParametersMRDC-XDD-Diff GeneralParametersMRDC-XDD-Diff OPTIONAL

Name of the Sub\_IE: (UE-MRDC-CapabilityAddXDD-Mode-v1560)

measAndMobParametersMRDC-XDD-Diff-v1560 MeasAndMobParametersMRDC-XDD-Diff-v1560 OPTIONAL

Name of the Sub\_IE: (UE-MRDC-CapabilityAddFRX-Mode)

measAndMobParametersMRDC-FRX-Diff MeasAndMobParametersMRDC-FRX-Diff

Name of the Sub\_IE: (GeneralParametersMRDC-XDD-Diff)

splitSRB-WithOneUL-Path ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (GeneralParametersMRDC-XDD-Diff)

splitDRB-withUL-Both-MCG-SCG ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (GeneralParametersMRDC-XDD-Diff)

srb3 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (GeneralParametersMRDC-XDD-Diff)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (GeneralParametersMRDC-XDD-Diff)

...

Name of the Sub\_IE: (GeneralParametersMRDC-v1610)

f1c-OverEUTRA-r16 ENUMERATED {supported} OPTIONAL

Name of the IE: (UE-NR-CAPABILITY)

Name of the Sub\_IE: (UE-NR-Capability)

accessStratumRelease AccessStratumRelease,

Name of the Sub\_IE: (UE-NR-Capability)

pdcp-Parameters PDCP-Parameters,

Name of the Sub\_IE: (UE-NR-Capability)

rlc-Parameters RLC-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

mac-Parameters MAC-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

phy-Parameters Phy-Parameters,

Name of the Sub\_IE: (UE-NR-Capability)

rf-Parameters RF-Parameters,

Name of the Sub\_IE: (UE-NR-Capability)

measAndMobParameters MeasAndMobParameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

fdd-Add-UE-NR-Capabilities UE-NR-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

tdd-Add-UE-NR-Capabilities UE-NR-CapabilityAddXDD-Mode OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

fr1-Add-UE-NR-Capabilities UE-NR-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

fr2-Add-UE-NR-Capabilities UE-NR-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

featureSets FeatureSets OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

featureSetCombinations SEQUENCE (SIZE (1..maxFeatureSetCombinations)) OF FeatureSetCombination OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

lateNonCriticalExtension OCTET STRING (CONTAINING UE-NR-Capability-v15c0) OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability)

nonCriticalExtension UE-NR-Capability-v1530 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability)

-- Regular non-critical Rel-15 extensions:

Name of the Sub\_IE: (UE-NR-Capability-v1530)

fdd-Add-UE-NR-Capabilities-v1530 UE-NR-CapabilityAddXDD-Mode-v1530 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

tdd-Add-UE-NR-Capabilities-v1530 UE-NR-CapabilityAddXDD-Mode-v1530 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

interRAT-Parameters InterRAT-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

inactiveState ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

delayBudgetReporting ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1530)

nonCriticalExtension UE-NR-Capability-v1540 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1540)

sdap-Parameters SDAP-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

overheatingInd ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

ims-Parameters IMS-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

fr1-Add-UE-NR-Capabilities-v1540 UE-NR-CapabilityAddFRX-Mode-v1540 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

fr2-Add-UE-NR-Capabilities-v1540 UE-NR-CapabilityAddFRX-Mode-v1540 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

fr1-fr2-Add-UE-NR-Capabilities UE-NR-CapabilityAddFRX-Mode OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1540)

nonCriticalExtension UE-NR-Capability-v1550 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1550)

reducedCP-Latency ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1550)

nonCriticalExtension UE-NR-Capability-v1560 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1560)

nrdc-Parameters NRDC-Parameters OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1560)

receivedFilters OCTET STRING (CONTAINING UECapabilityEnquiry-v1560-IEs) OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1560)

nonCriticalExtension UE-NR-Capability-v1570 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1570)

nrdc-Parameters-v1570 NRDC-Parameters-v1570 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1570)

nonCriticalExtension UE-NR-Capability-v1610 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1570)

-- Late non-critical Rel-15 extensions:

Name of the Sub\_IE: (UE-NR-Capability-v15c0)

nrdc-Parameters-v15c0 NRDC-Parameters-v15c0 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v15c0)

partialFR2-FallbackRX-Req ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v15c0)

nonCriticalExtension UE-NR-Capability-v15g0 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v15g0)

rf-Parameters-v15g0 RF-Parameters-v15g0 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v15g0)

nonCriticalExtension UE-NR-Capability-v15j0 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v15j0)

-- Following field is only for REL-15 late non-critical extensions

Name of the Sub\_IE: (UE-NR-Capability-v15j0)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v15j0)

nonCriticalExtension UE-NR-Capability-v16a0 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v15j0)

-- Regular non-critical Rel-16 extensions:

Name of the Sub\_IE: (UE-NR-Capability-v1610)

inDeviceCoexInd-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

dl-DedicatedMessageSegmentation-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

nrdc-Parameters-v1610 NRDC-Parameters-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

powSav-Parameters-r16 PowSav-Parameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

fr1-Add-UE-NR-Capabilities-v1610 UE-NR-CapabilityAddFRX-Mode-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

fr2-Add-UE-NR-Capabilities-v1610 UE-NR-CapabilityAddFRX-Mode-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

bh-RLF-Indication-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

directSN-AdditionFirstRRC-IAB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

bap-Parameters-r16 BAP-Parameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

referenceTimeProvision-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

sidelinkParameters-r16 SidelinkParameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

highSpeedParameters-r16 HighSpeedParameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

mac-Parameters-v1610 MAC-Parameters-v1610 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

mcgRLF-RecoveryViaSCG-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

resumeWithStoredMCG-SCells-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

resumeWithStoredSCG-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

resumeWithSCG-Config-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

ue-BasedPerfMeas-Parameters-r16 UE-BasedPerfMeas-Parameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

son-Parameters-r16 SON-Parameters-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

onDemandSIB-Connected-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1610)

nonCriticalExtension UE-NR-Capability-v1640 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1640)

redirectAtResumeByNAS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1640)

phy-ParametersSharedSpectrumChAccess-r16 Phy-ParametersSharedSpectrumChAccess-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1640)

nonCriticalExtension UE-NR-Capability-v1650 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1650)

mpsPriorityIndication-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1650)

highSpeedParameters-v1650 HighSpeedParameters-v1650 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1650)

nonCriticalExtension UE-NR-Capability-v1690 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1690)

ul-RRC-Segmentation-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1690)

nonCriticalExtension UE-NR-Capability-v1700 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1690)

-- Late non-critical extensions from Rel-16 onwards:

Name of the Sub\_IE: (UE-NR-Capability-v16a0)

phy-Parameters-v16a0 Phy-Parameters-v16a0 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v16a0)

rf-Parameters-v16a0 RF-Parameters-v16a0 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v16a0)

nonCriticalExtension UE-NR-Capability-v16c0 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v16c0)

rf-Parameters-v16c0 RF-Parameters-v16c0 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v16c0)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v16c0)

-- Regular non-critical Rel-17 extensions:

Name of the Sub\_IE: (UE-NR-Capability-v1700)

inactiveStatePO-Determination-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

highSpeedParameters-v1700 HighSpeedParameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

powSav-Parameters-v1700 PowSav-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

mac-Parameters-v1700 MAC-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ims-Parameters-v1700 IMS-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

measAndMobParameters-v1700 MeasAndMobParameters-v1700,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

appLayerMeasParameters-r17 AppLayerMeasParameters-r17 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

redCapParameters-r17 RedCapParameters-r17 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ra-SDT-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

srb-SDT-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

gNB-SideRTT-BasedPDC-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

bh-RLF-DetectionRecovery-Indication-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

nrdc-Parameters-v1700 NRDC-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

bap-Parameters-v1700 BAP-Parameters-v1700 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

musim-GapPreference-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

musimLeaveConnected-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

mbs-Parameters-r17 MBS-Parameters-r17,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

nonTerrestrialNetwork-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ntn-ScenarioSupport-r17 ENUMERATED {gso, ngso} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

sliceInfoforCellReselection-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ue-RadioPagingInfo-r17 UE-RadioPagingInfo-r17 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

-- R4 17-2 UL gap pattern for Tx power management

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ul-GapFR2-Pattern-r17 BIT STRING (SIZE (4)) OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

ntn-Parameters-r17 NTN-Parameters-r17 OPTIONAL,

Name of the Sub\_IE: (UE-NR-Capability-v1700)

nonCriticalExtension UE-NR-Capability-v1740 OPTIONAL

Name of the Sub\_IE: (UE-NR-Capability-v1740)

redCapParameters-v1740 RedCapParameters-v1740,

Name of the Sub\_IE: (UE-NR-Capability-v1740)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (UE-NR-CapabilityAddXDD-Mode)

phy-ParametersXDD-Diff Phy-ParametersXDD-Diff OPTIONAL,

Name of the Sub\_IE: (UE-NR-CapabilityAddXDD-Mode)

mac-ParametersXDD-Diff MAC-ParametersXDD-Diff OPTIONAL,

Name of the Sub\_IE: (UE-NR-CapabilityAddXDD-Mode)

measAndMobParametersXDD-Diff MeasAndMobParametersXDD-Diff OPTIONAL

Name of the Sub\_IE: (UE-NR-CapabilityAddXDD-Mode-v1530)

eutra-ParametersXDD-Diff EUTRA-ParametersXDD-Diff

Name of the Sub\_IE: (UE-NR-CapabilityAddFRX-Mode)

phy-ParametersFRX-Diff Phy-ParametersFRX-Diff OPTIONAL,

Name of the Sub\_IE: (UE-NR-CapabilityAddFRX-Mode)

measAndMobParametersFRX-Diff MeasAndMobParametersFRX-Diff OPTIONAL

Name of the Sub\_IE: (UE-NR-CapabilityAddFRX-Mode-v1540)

ims-ParametersFRX-Diff IMS-ParametersFRX-Diff OPTIONAL

Name of the Sub\_IE: (UE-NR-CapabilityAddFRX-Mode-v1610)

powSav-ParametersFRX-Diff-r16 PowSav-ParametersFRX-Diff-r16 OPTIONAL,

Name of the Sub\_IE: (UE-NR-CapabilityAddFRX-Mode-v1610)

mac-ParametersFRX-Diff-r16 MAC-ParametersFRX-Diff-r16 OPTIONAL

Name of the Sub\_IE: (BAP-Parameters-r16)

flowControlBH-RLC-ChannelBased-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BAP-Parameters-r16)

flowControlRouting-ID-Based-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BAP-Parameters-v1700)

bapHeaderRewriting-Rerouting-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BAP-Parameters-v1700)

bapHeaderRewriting-Routing-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (MBS-Parameters-r17)

maxMRB-Add-r17 INTEGER (1..16) OPTIONAL

Name of the IE: (UE-RADIOPAGINGINFO)

Name of the Sub\_IE: (UE-RadioPagingInfo-r17)

-- R1 29-1: Paging enhancement

Name of the Sub\_IE: (UE-RadioPagingInfo-r17)

pei-SubgroupingSupportBandList-r17 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL,

Name of the Sub\_IE: (UE-RadioPagingInfo-r17)

...

Name of the IE: (SHAREDSPECTRUMCHACCESSPARAMSPERBAND)

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-1: UL channel access for dynamic channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ul-DynamicChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-1a: UL channel access for semi-static channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ul-Semi-StaticChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2: SSB-based RRM for dynamic channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-RRM-DynamicChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2a: SSB-based RRM for semi-static channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-RRM-Semi-StaticChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2b: MIB reading on unlicensed cell

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

mib-Acquisition-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2c: SSB-based RLM for dynamic channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-RLM-DynamicChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2d: SSB-based RLM for semi-static channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-RLM-Semi-StaticChAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2e: SIB1 reception on unlicensed cell

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

sib1-Acquisition-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2f: Support monitoring of extended RAR window

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

extRA-ResponseWindow-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2g: SSB-based BFD/CBD for dynamic channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-BFD-CBD-dynamicChannelAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2h: SSB-based BFD/CBD for semi-static channel access mode

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ssb-BFD-CBD-semi-staticChannelAccess-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-2i: CSI-RS-based BFD/CBD for NR-U

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

csi-RS-BFD-CBD-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-7: UL channel access for 10 MHz SCell

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ul-ChannelBW-SCell-10mhz-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-10: RSSI and channel occupancy measurement and reporting

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

rssi-ChannelOccupancyReporting-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-11:SRS starting position at any OFDM symbol in a slot

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

srs-StartAnyOFDM-Symbol-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-20: Support search space set configuration with freqMonitorLocation-r16

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

searchSpaceFreqMonitorLocation-r16 INTEGER (1..5) OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-20a: Support coreset configuration with rb-Offset

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

coreset-RB-Offset-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-23:CGI reading on unlicensed cell for ANR functionality

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

cgi-Acquisition-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-25: Enable configured UL transmissions when DCI 2\_0 is configured but not detected

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

configuredUL-Tx-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-27: Wideband PRACH

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

prach-Wideband-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-29: Support available RB set indicator field in DCI 2\_0

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

dci-AvailableRB-Set-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-30: Support channel occupancy duration indicator field in DCI 2\_0

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

dci-ChOccupancyDuration-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-8: Type B PDSCH length {3, 5, 6, 8, 9, 10, 11, 12, 13} without DMRS shift due to CRS collision

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

typeB-PDSCH-length-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-9: Search space set group switching with explicit DCI 2\_0 bit field trigger or with implicit PDCCH decoding with DCI 2\_0 monitoring

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

searchSpaceSwitchWithDCI-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-9b: Search space set group switching with implicit PDCCH decoding without DCI 2\_0 monitoring

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

searchSpaceSwitchWithoutDCI-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-9d: Support Search space set group switching capability 2

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

searchSpaceSwitchCapability2-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-14: Non-numerical PDSCH to HARQ-ACK timing

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

non-numericalPDSCH-HARQ-timing-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-15: Enhanced dynamic HARQ codebook

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

enhancedDynamicHARQ-codebook-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-16: One-shot HARQ ACK feedback

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

oneShotHARQ-feedback-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-17: Multi-PUSCH UL grant

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

multiPUSCH-UL-grant-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-26: CSI-RS based RLM for NR-U

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

csi-RS-RLM-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

dummy ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-31: Support of P/SP-CSI-RS reception with CSI-RS-ValidationWith-DCI-r16 configured

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

periodicAndSemi-PersistentCSI-RS-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-3: PRB interlace mapping for PUSCH

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

pusch-PRB-interlace-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-3a: PRB interlace mapping for PUCCH

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

pucch-F0-F1-PRB-Interlace-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-12: OCC for PRB interlace mapping for PF2 and PF3

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

occ-PRB-PF2-PF3-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-13a: Extended CP range of more than one symbol for CG-PUSCH

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

extCP-rangeCG-PUSCH-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-18: Configured grant with retransmission in CG resources

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

configuredGrantWithReTx-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-21a: Support using ED threshold given by gNB for UL to DL COT sharing

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ed-Threshold-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-21b: Support UL to DL COT sharing

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

ul-DL-COT-Sharing-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-24: CG-UCI multiplexing with HARQ ACK

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

mux-CG-UCI-HARQ-ACK-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

-- R1 10-28: Configured grant with Rel-16 enhanced resource configuration

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-r16)

cg-resourceConfig-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1630)

-- R4 4-1: DL reception in intra-carrier guardband

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1630)

dl-ReceptionIntraCellGuardband-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1630)

-- R4 4-2: DL reception when gNB does not transmit on all RB sets of a carrier as a result of LBT

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1630)

dl-ReceptionLBT-subsetRB-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

-- 10-26b(1-4): CSI-RS based RRM measurement with associated SS-block

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

csi-RSRP-AndRSRQ-MeasWithSSB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

-- 10-26c(1-5): CSI-RS based RRM measurement without associated SS-block

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

csi-RSRP-AndRSRQ-MeasWithoutSSB-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

-- 10-26d(1-6): CSI-RS based RS-SINR measurement

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

csi-SINR-Meas-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

-- 10-26e(1-8): RLM based on a mix of SS block and CSI-RS signals within active BWP

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

ssb-AndCSI-RS-RLM-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

-- 10-26f(1-9): CSI-RS based contention free RA for HO

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1640)

csi-RS-CFRA-ForHO-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1650)

-- Extension of R1 10-9 capability to configure up to 16 instead of 4 cells or cell groups, respectively

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1650)

extendedSearchSpaceSwitchWithDCI-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1710)

-- R1 25-12: UE initiated semi-static channel occupancy with dependent configurations

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1710)

ul-Semi-StaticChAccessDependentConfig-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1710)

-- R1 25-13: UE initiated semi-static channel occupancy with independent configurations

Name of the Sub\_IE: (SharedSpectrumChAccessParamsPerBand-v1710)

ul-Semi-StaticChAccessIndependentConfig-r17 ENUMERATED {supported} OPTIONAL

Name of the IE: (ABSOLUTETIMEINFO)

Name of the IE: (APPLAYERMEASCONFIG)

Name of the Sub\_IE: (AppLayerMeasConfig-r17)

measConfigAppLayerToAddModList-r17 SEQUENCE (SIZE (1..maxNrofAppLayerMeas-r17)) OF MeasConfigAppLayer-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (AppLayerMeasConfig-r17)

measConfigAppLayerToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofAppLayerMeas-r17)) OF MeasConfigAppLayerId-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (AppLayerMeasConfig-r17)

rrc-SegAllowed-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (AppLayerMeasConfig-r17)

...

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

measConfigAppLayerId-r17 MeasConfigAppLayerId-r17,

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

measConfigAppLayerContainer-r17 OCTET STRING (SIZE (1..8000)) OPTIONAL, -- Need N

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

serviceType-r17 ENUMERATED {streaming, mtsi, vr, spare5, spare4, spare3, spare2, spare1} OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

pauseReporting-r17 BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

transmissionOfSessionStartStop-r17 BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

ran-VisibleParameters-r17 SetupRelease {RAN-VisibleParameters-r17} OPTIONAL, -- Cond ServiceType

Name of the Sub\_IE: (MeasConfigAppLayer-r17)

...

Name of the Sub\_IE: (RAN-VisibleParameters-r17)

ran-VisiblePeriodicity-r17 ENUMERATED {ms120, ms240, ms480, ms640, ms1024} OPTIONAL, -- Need S

Name of the Sub\_IE: (RAN-VisibleParameters-r17)

numberOfBufferLevelEntries-r17 INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (RAN-VisibleParameters-r17)

reportPlayoutDelayForMediaStartup-r17 BOOLEAN OPTIONAL, -- Need M

Name of the Sub\_IE: (RAN-VisibleParameters-r17)

...

Name of the IE: (AREACONFIGURATION)

Name of the Sub\_IE: (AreaConfiguration-r16)

areaConfig-r16 AreaConfig-r16,

Name of the Sub\_IE: (AreaConfiguration-r16)

interFreqTargetList-r16 SEQUENCE(SIZE (1..maxFreq)) OF InterFreqTargetInfo-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (AreaConfiguration-v1700)

areaConfig-r17 AreaConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (AreaConfiguration-v1700)

interFreqTargetList-r17 SEQUENCE(SIZE (1..maxFreq)) OF InterFreqTargetInfo-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (AreaConfig-r16)

cellGlobalIdList-r16 CellGlobalIdList-r16,

Name of the Sub\_IE: (AreaConfig-r16)

trackingAreaCodeList-r16 TrackingAreaCodeList-r16,

Name of the Sub\_IE: (AreaConfig-r16)

trackingAreaIdentityList-r16 TrackingAreaIdentityList-r16

Name of the Sub\_IE: (InterFreqTargetInfo-r16)

dl-CarrierFreq-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (InterFreqTargetInfo-r16)

cellList-r16 SEQUENCE (SIZE (1..32)) OF PhysCellId OPTIONAL -- Need R

Name of the Sub\_IE: (CellGlobalIdList-r16)

CellGlobalIdList-r16 SEQUENCE (SIZE (1..32)) OF CGI-Info-Logging-r16

Name of the Sub\_IE: (TrackingAreaCodeList-r16)

TrackingAreaCodeList-r16 SEQUENCE (SIZE (1..8)) OF TrackingAreaCode

Name of the Sub\_IE: (TrackingAreaIdentityList-r16)

TrackingAreaIdentityList-r16 SEQUENCE (SIZE (1..8)) OF TrackingAreaIdentity-r16

Name of the Sub\_IE: (TrackingAreaIdentity-r16)

plmn-Identity-r16 PLMN-Identity,

Name of the Sub\_IE: (TrackingAreaIdentity-r16)

trackingAreaCode-r16 TrackingAreaCode

Name of the IE: (BTNAMELIST)

Name of the Sub\_IE: (BT-NameList-r16)

BT-NameList-r16 SEQUENCE (SIZE (1..maxBT-Name-r16)) OF BT-Name-r16

Name of the IE: (DEDICATEDINFOF1C)

Name of the IE: (EUTRA-ALLOWEDMEASBANDWIDTH)

Name of the Sub\_IE: (EUTRA-AllowedMeasBandwidth)

EUTRA-AllowedMeasBandwidth ENUMERATED {mbw6, mbw15, mbw25, mbw50, mbw75, mbw100}

Name of the IE: (EUTRA-MBSFN-SUBFRAMECONFIGLIST)

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfigList)

EUTRA-MBSFN-SubframeConfigList SEQUENCE (SIZE (1..maxMBSFN-Allocations)) OF EUTRA-MBSFN-SubframeConfig

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

radioframeAllocationPeriod ENUMERATED {n1, n2, n4, n8, n16, n32},

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

radioframeAllocationOffset INTEGER (0..7),

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

subframeAllocation1 CHOICE {

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

oneFrame BIT STRING (SIZE(6)),

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

fourFrames BIT STRING (SIZE(24))

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

},

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

subframeAllocation2 CHOICE {

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

oneFrame BIT STRING (SIZE(2)),

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

fourFrames BIT STRING (SIZE(8))

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

} OPTIONAL, -- Need R

Name of the Sub\_IE: (EUTRA-MBSFN-SubframeConfig)

...

Name of the IE: (EUTRA-MULTIBANDINFOLIST)

Name of the Sub\_IE: (EUTRA-MultiBandInfoList)

EUTRA-MultiBandInfoList SEQUENCE (SIZE (1..maxMultiBands)) OF EUTRA-MultiBandInfo

Name of the Sub\_IE: (EUTRA-MultiBandInfo)

eutra-FreqBandIndicator FreqBandIndicatorEUTRA,

Name of the Sub\_IE: (EUTRA-MultiBandInfo)

eutra-NS-PmaxList EUTRA-NS-PmaxList OPTIONAL -- Need R

Name of the IE: (EUTRA-NS-PMAXLIST)

Name of the Sub\_IE: (EUTRA-NS-PmaxList)

EUTRA-NS-PmaxList SEQUENCE (SIZE (1..maxEUTRA-NS-Pmax)) OF EUTRA-NS-PmaxValue

Name of the Sub\_IE: (EUTRA-NS-PmaxValue)

additionalPmax INTEGER (-30..33) OPTIONAL, -- Need R

Name of the Sub\_IE: (EUTRA-NS-PmaxValue)

additionalSpectrumEmission INTEGER (1..288) OPTIONAL -- Need R

Name of the IE: (EUTRA-PHYSCELLID)

Name of the IE: (EUTRA-PHYSCELLIDRANGE)

Name of the Sub\_IE: (EUTRA-PhysCellIdRange)

start EUTRA-PhysCellId,

Name of the Sub\_IE: (EUTRA-PhysCellIdRange)

range ENUMERATED {n4, n8, n12, n16, n24, n32, n48, n64, n84, n96,

Name of the Sub\_IE: (EUTRA-PhysCellIdRange)

n128, n168, n252, n504, spare2, spare1} OPTIONAL -- Need N

Name of the IE: (EUTRA-PRESENCEANTENNAPORT1)

Name of the IE: (EUTRA-Q-OFFSETRANGE)

Name of the Sub\_IE: (EUTRA-Q-OffsetRange)

dB-24, dB-22, dB-20, dB-18, dB-16, dB-14,

Name of the Sub\_IE: (EUTRA-Q-OffsetRange)

dB-12, dB-10, dB-8, dB-6, dB-5, dB-4, dB-3,

Name of the Sub\_IE: (EUTRA-Q-OffsetRange)

dB-2, dB-1, dB0, dB1, dB2, dB3, dB4, dB5,

Name of the Sub\_IE: (EUTRA-Q-OffsetRange)

dB6, dB8, dB10, dB12, dB14, dB16, dB18,

Name of the Sub\_IE: (EUTRA-Q-OffsetRange)

dB20, dB22, dB24}

Name of the IE: (IABIPADDRESS)

Name of the Sub\_IE: (IAB-IP-Address-r16)

iPv4-Address-r16 BIT STRING (SIZE(32)),

Name of the Sub\_IE: (IAB-IP-Address-r16)

iPv6-Address-r16 BIT STRING (SIZE(128)),

Name of the Sub\_IE: (IAB-IP-Address-r16)

iPv6-Prefix-r16 BIT STRING (SIZE(64)),

Name of the Sub\_IE: (IAB-IP-Address-r16)

...

Name of the IE: (IABIPADDRESSINDEX)

Name of the IE: (IAB-IP-USAGE)

Name of the Sub\_IE: (IAB-IP-Usage-r16)

IAB-IP-Usage-r16 ENUMERATED {f1-C, f1-U, non-F1, spare}

Name of the IE: (LOGGINGDURATION)

Name of the Sub\_IE: (LoggingDuration-r16)

min10, min20, min40, min60, min90, min120, spare2, spare1}

Name of the IE: (LOGGINGINTERVAL)

Name of the Sub\_IE: (LoggingInterval-r16)

ms320, ms640, ms1280, ms2560, ms5120, ms10240, ms20480,

Name of the Sub\_IE: (LoggingInterval-r16)

ms30720, ms40960, ms61440 , infinity}

Name of the IE: (LOGMEASRESULTLISTBT)

Name of the Sub\_IE: (LogMeasResultListBT-r16)

LogMeasResultListBT-r16 SEQUENCE (SIZE (1..maxBT-IdReport-r16)) OF LogMeasResultBT-r16

Name of the Sub\_IE: (LogMeasResultBT-r16)

bt-Addr-r16 BIT STRING (SIZE (48)),

Name of the Sub\_IE: (LogMeasResultBT-r16)

rssi-BT-r16 INTEGER (-128..127) OPTIONAL,

Name of the Sub\_IE: (LogMeasResultBT-r16)

...

Name of the IE: (LOGMEASRESULTLISTWLAN)

Name of the Sub\_IE: (LogMeasResultListWLAN-r16)

LogMeasResultListWLAN-r16 SEQUENCE (SIZE (1..maxWLAN-Id-Report-r16)) OF LogMeasResultWLAN-r16

Name of the Sub\_IE: (LogMeasResultWLAN-r16)

wlan-Identifiers-r16 WLAN-Identifiers-r16,

Name of the Sub\_IE: (LogMeasResultWLAN-r16)

rssiWLAN-r16 WLAN-RSSI-Range-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasResultWLAN-r16)

rtt-WLAN-r16 WLAN-RTT-r16 OPTIONAL,

Name of the Sub\_IE: (LogMeasResultWLAN-r16)

...

Name of the Sub\_IE: (WLAN-Identifiers-r16)

ssid-r16 OCTET STRING (SIZE (1..32)) OPTIONAL,

Name of the Sub\_IE: (WLAN-Identifiers-r16)

bssid-r16 OCTET STRING (SIZE (6)) OPTIONAL,

Name of the Sub\_IE: (WLAN-Identifiers-r16)

hessid-r16 OCTET STRING (SIZE (6)) OPTIONAL,

Name of the Sub\_IE: (WLAN-Identifiers-r16)

...

Name of the Sub\_IE: (WLAN-RTT-r16)

rttValue-r16 INTEGER (0..16777215),

Name of the Sub\_IE: (WLAN-RTT-r16)

rttUnits-r16 ENUMERATED {

Name of the Sub\_IE: (WLAN-RTT-r16)

microseconds,

Name of the Sub\_IE: (WLAN-RTT-r16)

hundredsofnanoseconds,

Name of the Sub\_IE: (WLAN-RTT-r16)

tensofnanoseconds,

Name of the Sub\_IE: (WLAN-RTT-r16)

nanoseconds,

Name of the Sub\_IE: (WLAN-RTT-r16)

tenthsofnanoseconds,

Name of the Sub\_IE: (WLAN-RTT-r16)

...},

Name of the Sub\_IE: (WLAN-RTT-r16)

rttAccuracy-r16 INTEGER (0..255) OPTIONAL,

Name of the Sub\_IE: (WLAN-RTT-r16)

...

Name of the IE: (MEASCONFIGAPPLAYERID)

Name of the IE: (OTHERCONFIG)

Name of the Sub\_IE: (OtherConfig)

delayBudgetReportingConfig CHOICE{

Name of the Sub\_IE: (OtherConfig)

release NULL,

Name of the Sub\_IE: (OtherConfig)

setup SEQUENCE{

Name of the Sub\_IE: (OtherConfig)

delayBudgetReportingProhibitTimer ENUMERATED {s0, s0dot4, s0dot8, s1dot6, s3, s6, s12, s30}

Name of the Sub\_IE: (OtherConfig)

} OPTIONAL -- Need M

Name of the Sub\_IE: (OtherConfig-v1540)

overheatingAssistanceConfig SetupRelease {OverheatingAssistanceConfig} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1540)

...

Name of the Sub\_IE: (OtherConfig-v1610)

idc-AssistanceConfig-r16 SetupRelease {IDC-AssistanceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

drx-PreferenceConfig-r16 SetupRelease {DRX-PreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

maxBW-PreferenceConfig-r16 SetupRelease {MaxBW-PreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

maxCC-PreferenceConfig-r16 SetupRelease {MaxCC-PreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

maxMIMO-LayerPreferenceConfig-r16 SetupRelease {MaxMIMO-LayerPreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

minSchedulingOffsetPreferenceConfig-r16 SetupRelease {MinSchedulingOffsetPreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

releasePreferenceConfig-r16 SetupRelease {ReleasePreferenceConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

referenceTimePreferenceReporting-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (OtherConfig-v1610)

btNameList-r16 SetupRelease {BT-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

wlanNameList-r16 SetupRelease {WLAN-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

sensorNameList-r16 SetupRelease {Sensor-NameList-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1610)

obtainCommonLocation-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (OtherConfig-v1610)

sl-AssistanceConfigNR-r16 ENUMERATED{true} OPTIONAL -- Need R

Name of the Sub\_IE: (OtherConfig-v1700)

ul-GapFR2-PreferenceConfig-r17 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (OtherConfig-v1700)

musim-GapAssistanceConfig-r17 SetupRelease {MUSIM-GapAssistanceConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

musim-LeaveAssistanceConfig-r17 SetupRelease {MUSIM-LeaveAssistanceConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

successHO-Config-r17 SetupRelease {SuccessHO-Config-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

maxBW-PreferenceConfigFR2-2-r17 ENUMERATED {true} OPTIONAL, -- Cond maxBW

Name of the Sub\_IE: (OtherConfig-v1700)

maxMIMO-LayerPreferenceConfigFR2-2-r17 ENUMERATED {true} OPTIONAL, -- Cond maxMIMO

Name of the Sub\_IE: (OtherConfig-v1700)

minSchedulingOffsetPreferenceConfigExt-r17 ENUMERATED {true} OPTIONAL, -- Cond minOffset

Name of the Sub\_IE: (OtherConfig-v1700)

rlm-RelaxationReportingConfig-r17 SetupRelease {RLM-RelaxationReportingConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

bfd-RelaxationReportingConfig-r17 SetupRelease {BFD-RelaxationReportingConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

scg-DeactivationPreferenceConfig-r17 SetupRelease {SCG-DeactivationPreferenceConfig-r17} OPTIONAL, -- Cond SCG

Name of the Sub\_IE: (OtherConfig-v1700)

rrm-MeasRelaxationReportingConfig-r17 SetupRelease {RRM-MeasRelaxationReportingConfig-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (OtherConfig-v1700)

propDelayDiffReportConfig-r17 SetupRelease {PropDelayDiffReportConfig-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (CandidateServingFreqListNR-r16)

CandidateServingFreqListNR-r16 SEQUENCE (SIZE (1..maxFreqIDC-r16)) OF ARFCN-ValueNR

Name of the Sub\_IE: (MUSIM-GapAssistanceConfig-r17)

musim-GapProhibitTimer-r17 ENUMERATED {s0, s0dot1, s0dot2, s0dot3, s0dot4, s0dot5, s1, s2, s3, s4, s5, s6, s7, s8, s9, s10}

Name of the Sub\_IE: (MUSIM-LeaveAssistanceConfig-r17)

musim-LeaveWithoutResponseTimer-r17 ENUMERATED {ms10, ms20, ms40, ms60, ms80, ms100, spare2, spare1}

Name of the Sub\_IE: (SuccessHO-Config-r17)

thresholdPercentageT304-r17 ENUMERATED {p40, p60, p80, spare5, spare4, spare3, spare2, spare1} OPTIONAL, --Need R

Name of the Sub\_IE: (SuccessHO-Config-r17)

thresholdPercentageT310-r17 ENUMERATED {p40, p60, p80, spare5, spare4, spare3, spare2, spare1} OPTIONAL, --Need R

Name of the Sub\_IE: (SuccessHO-Config-r17)

thresholdPercentageT312-r17 ENUMERATED {p20, p40, p60, p80, spare4, spare3, spare2, spare1} OPTIONAL, --Need R

Name of the Sub\_IE: (SuccessHO-Config-r17)

sourceDAPS-FailureReporting-r17 ENUMERATED {true} OPTIONAL, --Need R

Name of the Sub\_IE: (SuccessHO-Config-r17)

...

Name of the Sub\_IE: (OverheatingAssistanceConfig)

overheatingIndicationProhibitTimer ENUMERATED {s0, s0dot5, s1, s2, s5, s10, s20, s30,

Name of the Sub\_IE: (OverheatingAssistanceConfig)

s60, s90, s120, s300, s600, spare3, spare2, spare1}

Name of the Sub\_IE: (IDC-AssistanceConfig-r16)

candidateServingFreqListNR-r16 CandidateServingFreqListNR-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (IDC-AssistanceConfig-r16)

...

Name of the Sub\_IE: (DRX-PreferenceConfig-r16)

drx-PreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (DRX-PreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (DRX-PreferenceConfig-r16)

s8, s9, s10, s20, s30, spare2, spare1}

Name of the Sub\_IE: (MaxBW-PreferenceConfig-r16)

maxBW-PreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (MaxBW-PreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (MaxBW-PreferenceConfig-r16)

s8, s9, s10, s20, s30, spare2, spare1}

Name of the Sub\_IE: (MaxCC-PreferenceConfig-r16)

maxCC-PreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (MaxCC-PreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (MaxCC-PreferenceConfig-r16)

s8, s9, s10, s20, s30, spare2, spare1}

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceConfig-r16)

maxMIMO-LayerPreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (MaxMIMO-LayerPreferenceConfig-r16)

s8, s9, s10, s20, s30, spare2, spare1}

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceConfig-r16)

minSchedulingOffsetPreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (MinSchedulingOffsetPreferenceConfig-r16)

s8, s9, s10, s20, s30, spare2, spare1}

Name of the Sub\_IE: (ReleasePreferenceConfig-r16)

releasePreferenceProhibitTimer-r16 ENUMERATED {

Name of the Sub\_IE: (ReleasePreferenceConfig-r16)

s0, s0dot5, s1, s2, s3, s4, s5, s6, s7,

Name of the Sub\_IE: (ReleasePreferenceConfig-r16)

s8, s9, s10, s20, s30, infinity, spare1},

Name of the Sub\_IE: (ReleasePreferenceConfig-r16)

connectedReporting ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (RLM-RelaxationReportingConfig-r17)

rlm-RelaxtionReportingProhibitTimer ENUMERATED {s0, s0dot5, s1, s2, s5, s10, s20, s30,

Name of the Sub\_IE: (RLM-RelaxationReportingConfig-r17)

s60, s90, s120, s300, s600, infinity, spare2, spare1}

Name of the Sub\_IE: (BFD-RelaxationReportingConfig-r17)

bfd-RelaxtionReportingProhibitTimer ENUMERATED {s0, s0dot5, s1, s2, s5, s10, s20, s30,

Name of the Sub\_IE: (BFD-RelaxationReportingConfig-r17)

s60, s90, s120, s300, s600, infinity, spare2, spare1}

Name of the Sub\_IE: (SCG-DeactivationPreferenceConfig-r17)

scg-DeactivationPreferenceProhibitTimer-r17 ENUMERATED {

Name of the Sub\_IE: (SCG-DeactivationPreferenceConfig-r17)

s0, s1, s2, s4, s8, s10, s15, s30,

Name of the Sub\_IE: (SCG-DeactivationPreferenceConfig-r17)

s60, s120, s180, s240, s300, s600, s900, s1800}

Name of the Sub\_IE: (RRM-MeasRelaxationReportingConfig-r17)

s-SearchDeltaP-Stationary-r17 ENUMERATED {dB2, dB3, dB6, dB9, dB12, dB15, spare2, spare1},

Name of the Sub\_IE: (RRM-MeasRelaxationReportingConfig-r17)

t-SearchDeltaP-Stationary-r17 ENUMERATED {s5, s10, s20, s30, s60, s120, s180, s240, s300, spare7, spare6, spare5,

Name of the Sub\_IE: (RRM-MeasRelaxationReportingConfig-r17)

spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (PropDelayDiffReportConfig-r17)

threshPropDelayDiff-r17 ENUMERATED {ms0dot5, ms1, ms2, ms3, ms4, ms5, ms6 ,ms7, ms8, ms9, ms10, spare5,

Name of the Sub\_IE: (PropDelayDiffReportConfig-r17)

spare4, spare3, spare2, spare1} OPTIONAL, -- Need M

Name of the Sub\_IE: (PropDelayDiffReportConfig-r17)

neighCellInfoList-r17 SEQUENCE (SIZE (1..maxCellNTN-r17)) OF NeighbourCellInfo-r17 OPTIONAL -- Need M

Name of the Sub\_IE: (NeighbourCellInfo-r17)

epochTime-r17 EpochTime-r17,

Name of the Sub\_IE: (NeighbourCellInfo-r17)

ephemerisInfo-r17 EphemerisInfo-r17

Name of the IE: (PHYSCELLIDUTRA-FDD)

Name of the IE: (RRC-TRANSACTIONIDENTIFIER)

Name of the IE: (SENSORNAMELIST)

Name of the Sub\_IE: (Sensor-NameList-r16)

measUncomBarPre-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (Sensor-NameList-r16)

measUeSpeed ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (Sensor-NameList-r16)

measUeOrientation ENUMERATED {true} OPTIONAL -- Need R

Name of the IE: (TRACEREFERENCE)

Name of the Sub\_IE: (TraceReference-r16)

plmn-Identity-r16 PLMN-Identity,

Name of the Sub\_IE: (TraceReference-r16)

traceId-r16 OCTET STRING (SIZE (3))

Name of the IE: (UE-MeasurementsAvailable)

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

logMeasAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

logMeasAvailableBT-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

logMeasAvailableWLAN-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

connEstFailInfoAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

rlf-InfoAvailable-r16 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

...,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

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Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

successHO-InfoAvailable-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

sigLogMeasConfigAvailable-r17 BOOLEAN OPTIONAL

Name of the Sub\_IE: (UE-MeasurementsAvailable-r16)

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Name of the IE: (UTRA-FDD-Q-OFFSETRANGE)

Name of the Sub\_IE: (UTRA-FDD-Q-OffsetRange-r16)

dB-24, dB-22, dB-20, dB-18, dB-16, dB-14,

Name of the Sub\_IE: (UTRA-FDD-Q-OffsetRange-r16)

dB-12, dB-10, dB-8, dB-6, dB-5, dB-4, dB-3,

Name of the Sub\_IE: (UTRA-FDD-Q-OffsetRange-r16)

dB-2, dB-1, dB0, dB1, dB2, dB3, dB4, dB5,

Name of the Sub\_IE: (UTRA-FDD-Q-OffsetRange-r16)

dB6, dB8, dB10, dB12, dB14, dB16, dB18,

Name of the Sub\_IE: (UTRA-FDD-Q-OffsetRange-r16)

dB20, dB22, dB24}

Name of the IE: (VISITEDCELLINFOLIST)

Name of the Sub\_IE: (VisitedCellInfoList-r16)

VisitedCellInfoList-r16 SEQUENCE (SIZE (1..maxCellHistory-r16)) OF VisitedCellInfo-r16

Name of the Sub\_IE: (VisitedCellInfo-r16)

visitedCellId-r16 CHOICE {

Name of the Sub\_IE: (VisitedCellInfo-r16)

nr-CellId-r16 CHOICE {

Name of the Sub\_IE: (VisitedCellInfo-r16)

cgi-Info CGI-Info-Logging-r16,

Name of the Sub\_IE: (VisitedCellInfo-r16)

pci-arfcn-r16 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (VisitedCellInfo-r16)

},

Name of the Sub\_IE: (VisitedCellInfo-r16)

eutra-CellId-r16 CHOICE {

Name of the Sub\_IE: (VisitedCellInfo-r16)

cellGlobalId-r16 CGI-InfoEUTRA,

Name of the Sub\_IE: (VisitedCellInfo-r16)

pci-arfcn-r16 PCI-ARFCN-EUTRA-r16

Name of the Sub\_IE: (VisitedCellInfo-r16)

} OPTIONAL,

Name of the Sub\_IE: (VisitedCellInfo-r16)

timeSpent-r16 INTEGER (0..4095),

Name of the Sub\_IE: (VisitedCellInfo-r16)

...,

Name of the Sub\_IE: (VisitedCellInfo-r16)

[[

Name of the Sub\_IE: (VisitedCellInfo-r16)

visitedPSCellInfoListReport-r17 VisitedPSCellInfoList-r17 OPTIONAL

Name of the Sub\_IE: (VisitedCellInfo-r16)

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Name of the Sub\_IE: (VisitedPSCellInfoList-r17)

VisitedPSCellInfoList-r17 SEQUENCE (SIZE (1..maxPSCellHistory-r17)) OF VisitedPSCellInfo-r17

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

visitedCellId-r17 CHOICE {

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

nr-CellId-r17 CHOICE {

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

cgi-Info-r17 CGI-Info-Logging-r16,

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

pci-arfcn-r17 PCI-ARFCN-NR-r16

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

},

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

eutra-CellId-r17 CHOICE {

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

cellGlobalId-r17 CGI-InfoEUTRALogging,

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

pci-arfcn-r17 PCI-ARFCN-EUTRA-r16

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

} OPTIONAL,

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

timeSpent-r17 INTEGER (0..4095),

Name of the Sub\_IE: (VisitedPSCellInfo-r17)

...

Name of the IE: (SL-BWP-CONFIG)

Name of the Sub\_IE: (SL-BWP-Config-r16)

sl-BWP-Id BWP-Id,

Name of the Sub\_IE: (SL-BWP-Config-r16)

sl-BWP-Generic-r16 SL-BWP-Generic-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Config-r16)

sl-BWP-PoolConfig-r16 SL-BWP-PoolConfig-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Config-r16)

...,

Name of the Sub\_IE: (SL-BWP-Config-r16)

[[

Name of the Sub\_IE: (SL-BWP-Config-r16)

sl-BWP-PoolConfigPS-r17 SetupRelease {SL-BWP-PoolConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Config-r16)

sl-BWP-DiscPoolConfig-r17 SetupRelease {SL-BWP-DiscPoolConfig-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (SL-BWP-Config-r16)

]]

Name of the Sub\_IE: (SL-BWP-Generic-r16)

sl-BWP-r16 BWP OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Generic-r16)

sl-LengthSymbols-r16 ENUMERATED {sym7, sym8, sym9, sym10, sym11, sym12, sym13, sym14} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Generic-r16)

sl-StartSymbol-r16 ENUMERATED {sym0, sym1, sym2, sym3, sym4, sym5, sym6, sym7} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Generic-r16)

sl-PSBCH-Config-r16 SetupRelease {SL-PSBCH-Config-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Generic-r16)

sl-TxDirectCurrentLocation-r16 INTEGER (0..3301) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-Generic-r16)

...

Name of the IE: (SL-BWP-CONFIGCOMMON)

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

sl-BWP-Generic-r16 SL-BWP-Generic-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

sl-BWP-PoolConfigCommon-r16 SL-BWP-PoolConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

...,

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

[[

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

sl-BWP-PoolConfigCommonPS-r17 SL-BWP-PoolConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

sl-BWP-DiscPoolConfigCommon-r17 SL-BWP-DiscPoolConfigCommon-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SL-BWP-ConfigCommon-r16)

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Name of the IE: (SL-BWP-DISCPOOLCONFIG)

Name of the Sub\_IE: (SL-BWP-DiscPoolConfig-r17)

sl-DiscRxPool-r17 SEQUENCE (SIZE (1..maxNrofRXPool-r16)) OF SL-ResourcePool-r16 OPTIONAL, -- Cond HO

Name of the Sub\_IE: (SL-BWP-DiscPoolConfig-r17)

sl-DiscTxPoolSelected-r17 SL-TxPoolDedicated-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-DiscPoolConfig-r17)

sl-DiscTxPoolScheduling-r17 SL-TxPoolDedicated-r16 OPTIONAL -- Need N

Name of the IE: (SL-BWP-DISCPOOLCONFIGCOMMON)

Name of the Sub\_IE: (SL-BWP-DiscPoolConfigCommon-r17)

sl-DiscRxPool-r17 SEQUENCE (SIZE (1..maxNrofRXPool-r16)) OF SL-ResourcePool-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-DiscPoolConfigCommon-r17)

sl-DiscTxPoolSelected-r17 SEQUENCE (SIZE (1..maxNrofTXPool-r16)) OF SL-ResourcePoolConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-DiscPoolConfigCommon-r17)

...

Name of the IE: (SL-BWP-POOLCONFIG)

Name of the Sub\_IE: (SL-BWP-PoolConfig-r16)

sl-RxPool-r16 SEQUENCE (SIZE (1..maxNrofRXPool-r16)) OF SL-ResourcePool-r16 OPTIONAL, -- Cond HO

Name of the Sub\_IE: (SL-BWP-PoolConfig-r16)

sl-TxPoolSelectedNormal-r16 SL-TxPoolDedicated-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-BWP-PoolConfig-r16)

sl-TxPoolScheduling-r16 SL-TxPoolDedicated-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-BWP-PoolConfig-r16)

sl-TxPoolExceptional-r16 SL-ResourcePoolConfig-r16 OPTIONAL -- Need M

Name of the Sub\_IE: (SL-TxPoolDedicated-r16)

sl-PoolToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofTXPool-r16)) OF SL-ResourcePoolID-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-TxPoolDedicated-r16)

sl-PoolToAddModList-r16 SEQUENCE (SIZE (1..maxNrofTXPool-r16)) OF SL-ResourcePoolConfig-r16 OPTIONAL -- Need N

Name of the Sub\_IE: (SL-ResourcePoolConfig-r16)

sl-ResourcePoolID-r16 SL-ResourcePoolID-r16,

Name of the Sub\_IE: (SL-ResourcePoolConfig-r16)

sl-ResourcePool-r16 SL-ResourcePool-r16 OPTIONAL -- Need M

Name of the IE: (SL-BWP-POOLCONFIGCOMMON)

Name of the Sub\_IE: (SL-BWP-PoolConfigCommon-r16)

sl-RxPool-r16 SEQUENCE (SIZE (1..maxNrofRXPool-r16)) OF SL-ResourcePool-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-PoolConfigCommon-r16)

sl-TxPoolSelectedNormal-r16 SEQUENCE (SIZE (1..maxNrofTXPool-r16)) OF SL-ResourcePoolConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-BWP-PoolConfigCommon-r16)

sl-TxPoolExceptional-r16 SL-ResourcePoolConfig-r16 OPTIONAL -- Need R

Name of the IE: (SL-CBR-PRIORITYTXCONFIGLIST)

Name of the Sub\_IE: (SL-CBR-PriorityTxConfigList-r16)

SL-CBR-PriorityTxConfigList-r16 SEQUENCE (SIZE (1..8)) OF SL-PriorityTxConfigIndex-r16

Name of the Sub\_IE: (SL-CBR-PriorityTxConfigList-v1650)

SL-CBR-PriorityTxConfigList-v1650 SEQUENCE (SIZE (1..8)) OF SL-PriorityTxConfigIndex-v1650

Name of the Sub\_IE: (SL-PriorityTxConfigIndex-r16)

sl-PriorityThreshold-r16 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PriorityTxConfigIndex-r16)

sl-DefaultTxConfigIndex-r16 INTEGER (0..maxCBR-Level-1-r16) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PriorityTxConfigIndex-r16)

sl-CBR-ConfigIndex-r16 INTEGER (0..maxCBR-Config-1-r16) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PriorityTxConfigIndex-r16)

sl-Tx-ConfigIndexList-r16 SEQUENCE (SIZE (1.. maxCBR-Level-r16)) OF SL-TxConfigIndex-r16 OPTIONAL -- Need M

Name of the Sub\_IE: (SL-PriorityTxConfigIndex-v1650)

sl-MCS-RangeList-r16 SEQUENCE (SIZE (1..maxCBR-Level-r16)) OF SL-MinMaxMCS-List-r16 OPTIONAL -- Need M

Name of the IE: (SL-CBR-COMMONTXCONFIGLIST)

Name of the Sub\_IE: (SL-CBR-CommonTxConfigList-r16)

sl-CBR-RangeConfigList-r16 SEQUENCE (SIZE (1..maxCBR-Config-r16)) OF SL-CBR-LevelsConfig-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-CBR-CommonTxConfigList-r16)

sl-CBR-PSSCH-TxConfigList-r16 SEQUENCE (SIZE (1.. maxTxConfig-r16)) OF SL-CBR-PSSCH-TxConfig-r16 OPTIONAL -- Need M

Name of the Sub\_IE: (SL-CBR-LevelsConfig-r16)

SL-CBR-LevelsConfig-r16 SEQUENCE (SIZE (1..maxCBR-Level-r16)) OF SL-CBR-r16

Name of the Sub\_IE: (SL-CBR-PSSCH-TxConfig-r16)

sl-CR-Limit-r16 INTEGER(0..10000) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-CBR-PSSCH-TxConfig-r16)

sl-TxParameters-r16 SL-PSSCH-TxParameters-r16 OPTIONAL -- Need M

Name of the IE: (SL-CONFIGDEDICATEDNR)

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-PHY-MAC-RLC-Config-r16 SL-PHY-MAC-RLC-Config-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-RadioBearerToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SLRB-Uu-ConfigIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-RadioBearerToAddModList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SL-RadioBearerConfig-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-MeasConfigInfoToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-DestinationIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-MeasConfigInfoToAddModList-r16 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-MeasConfigInfo-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

t400-r16 ENUMERATED {ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

...,

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

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Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-PHY-MAC-RLC-Config-v1700 SetupRelease { SL-PHY-MAC-RLC-Config-v1700 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

sl-DiscConfig-r17 SetupRelease { SL-DiscConfig-r17} OPTIONAL -- Need M

Name of the Sub\_IE: (SL-ConfigDedicatedNR-r16)

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Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-ScheduledConfig-r16 SetupRelease { SL-ScheduledConfig-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-UE-SelectedConfig-r16 SetupRelease { SL-UE-SelectedConfig-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-FreqInfoToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-Freq-Id-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-FreqInfoToAddModList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-FreqConfig-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-RLC-BearerToReleaseList-r16 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-BearerConfigIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-RLC-BearerToAddModList-r16 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-BearerConfig-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-MaxNumConsecutiveDTX-r16 ENUMERATED {n1, n2, n3, n4, n6, n8, n16, n32} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-CSI-Acquisition-r16 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-CSI-SchedulingRequestId-r16 SetupRelease {SchedulingRequestId} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

sl-SSB-PriorityNR-r16 INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-r16)

networkControlledSyncTx-r16 ENUMERATED {on, off} OPTIONAL -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-v1700)

sl-DRX-Config-r17 SL-DRX-Config-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-v1700)

sl-RLC-ChannelToReleaseList-r17 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-ChannelID-r17 OPTIONAL, -- Cond L2U2N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-v1700)

sl-RLC-ChannelToAddModList-r17 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-ChannelConfig-r17 OPTIONAL, -- Cond L2U2N

Name of the Sub\_IE: (SL-PHY-MAC-RLC-Config-v1700)

...

Name of the Sub\_IE: (SL-DiscConfig-r17)

sl-RelayUE-Config-r17 SetupRelease { SL-RelayUE-Config-r17} OPTIONAL, -- Cond L2RelayUE

Name of the Sub\_IE: (SL-DiscConfig-r17)

sl-RemoteUE-Config-r17 SetupRelease { SL-RemoteUE-Config-r17} OPTIONAL -- Cond L2RemoteUE

Name of the IE: (SL-CONFIGUREDGRANTCONFIG)

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-ConfigIndexCG-r16 SL-ConfigIndexCG-r16,

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-PeriodCG-r16 SL-PeriodCG-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-NrOfHARQ-Processes-r16 INTEGER (1..16) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-HARQ-ProcID-offset-r16 INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-CG-MaxTransNumList-r16 SL-CG-MaxTransNumList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

rrc-ConfiguredSidelinkGrant-r16 SEQUENCE {

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-TimeResourceCG-Type1-r16 INTEGER (0..496) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-StartSubchannelCG-Type1-r16 INTEGER (0..26) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-FreqResourceCG-Type1-r16 INTEGER (0..6929) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-TimeOffsetCG-Type1-r16 INTEGER (0..7999) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-N1PUCCH-AN-r16 PUCCH-ResourceId OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-PSFCH-ToPUCCH-CG-Type1-r16 INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-ResourcePoolID-r16 SL-ResourcePoolID-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-TimeReferenceSFN-Type1-r16 ENUMERATED {sfn512} OPTIONAL -- Need S

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

...,

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

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Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

sl-N1PUCCH-AN-Type2-r16 PUCCH-ResourceId OPTIONAL -- Need M

Name of the Sub\_IE: (SL-ConfiguredGrantConfig-r16)

]]

Name of the Sub\_IE: (SL-CG-MaxTransNumList-r16)

SL-CG-MaxTransNumList-r16 SEQUENCE (SIZE (1..8)) OF SL-CG-MaxTransNum-r16

Name of the Sub\_IE: (SL-CG-MaxTransNum-r16)

sl-Priority-r16 INTEGER (1..8),

Name of the Sub\_IE: (SL-CG-MaxTransNum-r16)

sl-MaxTransNum-r16 INTEGER (1..32)

Name of the Sub\_IE: (SL-PeriodCG-r16)

sl-PeriodCG1-r16 ENUMERATED {ms100, ms200, ms300, ms400, ms500, ms600, ms700, ms800, ms900, ms1000, spare6,

Name of the Sub\_IE: (SL-PeriodCG-r16)

spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (SL-PeriodCG-r16)

sl-PeriodCG2-r16 INTEGER (1..99)

Name of the IE: (SL-DESTINATIONIDENTITY)

Name of the IE: (SL-DRX-CONFIG)

Name of the Sub\_IE: (SL-DRX-Config-r17)

sl-DRX-ConfigGC-BC-r17 SL-DRX-ConfigGC-BC-r17 OPTIONAL, -- Cond HO

Name of the Sub\_IE: (SL-DRX-Config-r17)

sl-DRX-ConfigUC-ToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-DestinationIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-DRX-Config-r17)

sl-DRX-ConfigUC-ToAddModList-r17 SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-DRX-ConfigUC-Info-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-DRX-Config-r17)

...

Name of the Sub\_IE: (SL-DRX-ConfigUC-Info-r17)

sl-DestinationIndex-r17 SL-DestinationIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-DRX-ConfigUC-Info-r17)

sl-DRX-ConfigUC-r17 SL-DRX-ConfigUC-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-DRX-ConfigUC-Info-r17)

...

Name of the IE: (SL-DRX-CONFIGGC-BC)

Name of the Sub\_IE: (SL-DRX-ConfigGC-BC-r17)

sl-DRX-GC-BC-PerQoS-List-r17 SEQUENCE (SIZE (1..maxSL-GC-BC-DRX-QoS-r17)) OF SL-DRX-GC-BC-QoS-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-ConfigGC-BC-r17)

sl-DRX-GC-generic-r17 SL-DRX-GC-Generic-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-ConfigGC-BC-r17)

sl-DefaultDRX-GC-BC-r17 SL-DRX-GC-BC-QoS-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-ConfigGC-BC-r17)

...

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

sl-DRX-GC-BC-MappedQoS-FlowList-r17 SEQUENCE (SIZE (1..maxNrofSL-QFIs-r16)) OF SL-QoS-Profile-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

sl-DRX-GC-BC-OnDurationTimer-r17 CHOICE {

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

subMilliSeconds INTEGER (1..31),

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

milliSeconds ENUMERATED {

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms1, ms2, ms3, ms4, ms5,ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms80, ms100, ms200, ms300, ms400, ms500, ms600, ms800, ms1000, ms1200,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms1600, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

},

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

sl-DRX-GC-InactivityTimer-r17 ENUMERATED {

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms0, ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60, ms80,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms100, ms200, ms300, ms500, ms750, ms1280, ms1920, ms2560, spare9, spare8,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

spare7, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

sl-DRX-GC-BC-Cycle-r17 ENUMERATED {

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms10, ms20, ms32, ms40, ms60, ms64, ms70, ms80, ms128, ms160, ms256, ms320, ms512,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

ms640, ms1024, ms1280, ms2048, ms2560, ms5120, ms10240, spare12, spare11, spare10,

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

spare9, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (SL-DRX-GC-BC-QoS-r17)

...

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

sl-DRX-GC-HARQ-RTT-Timer1-r17 ENUMERATED {sl0, sl1, sl2, sl4, spare4, spare3, spare2, spare1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

sl-DRX-GC-HARQ-RTT-Timer2-r17 ENUMERATED {sl0, sl1, sl2, sl4, spare4, spare3, spare2, spare1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

sl-DRX-GC-RetransmissionTimer-r17 ENUMERATED {

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

sl0, sl1, sl2, sl4, sl6, sl8, sl16, sl24, sl33, sl40, sl64, sl80, sl96, sl112, sl128,

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

sl160, sl320, spare15, spare14, spare13, spare12, spare11, spare10, spare9, spare8,

Name of the Sub\_IE: (SL-DRX-GC-Generic-r17)

spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the IE: (SL-FREQCONFIG)

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-Freq-Id-r16 SL-Freq-Id-r16,

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-SCS-SpecificCarrierList-r16 SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier,

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-AbsoluteFrequencyPointA-r16 ARFCN-ValueNR OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-AbsoluteFrequencySSB-r16 ARFCN-ValueNR OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfig-r16)

frequencyShift7p5khzSL-r16 ENUMERATED {true} OPTIONAL, -- Cond V2X-SL-Shared

Name of the Sub\_IE: (SL-FreqConfig-r16)

valueN-r16 INTEGER (-1..1),

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-BWP-ToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSL-BWPs-r16)) OF BWP-Id OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-BWP-ToAddModList-r16 SEQUENCE (SIZE (1..maxNrofSL-BWPs-r16)) OF SL-BWP-Config-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-SyncConfigList-r16 SL-SyncConfigList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-FreqConfig-r16)

sl-SyncPriority-r16 ENUMERATED {gnss, gnbEnb} OPTIONAL -- Need M

Name of the IE: (SL-FREQCONFIGCOMMON)

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-SCS-SpecificCarrierList-r16 SEQUENCE (SIZE (1..maxSCSs)) OF SCS-SpecificCarrier,

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-AbsoluteFrequencyPointA-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-AbsoluteFrequencySSB-r16 ARFCN-ValueNR OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

frequencyShift7p5khzSL-r16 ENUMERATED {true} OPTIONAL, -- Cond V2X-SL-Shared

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

valueN-r16 INTEGER (-1..1),

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-BWP-List-r16 SEQUENCE (SIZE (1..maxNrofSL-BWPs-r16)) OF SL-BWP-ConfigCommon-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-SyncPriority-r16 ENUMERATED {gnss, gnbEnb} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-NbAsSync-r16 BOOLEAN OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

sl-SyncConfigList-r16 SL-SyncConfigList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-FreqConfigCommon-r16)

...

Name of the IE: (SL-INTERUE-COORDINATIONCONFIG)

Name of the Sub\_IE: (SL-InterUE-CoordinationConfig-r17)

sl-InterUE-CoordinationScheme1-r17 SL-InterUE-CoordinationScheme1-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationConfig-r17)

sl-InterUE-CoordinationScheme2-r17 SL-InterUE-CoordinationScheme2-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationConfig-r17)

...

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-IUC-Explicit-r17 ENUMERATED {enabled, disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-IUC-Condition-r17 ENUMERATED {enabled, disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-Condition1-A-2-r17 ENUMERATED {disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-ThresholdRSRP-Condition1-B-1-Option1List-r17 SEQUENCE (SIZE (1..8)) OF SL-ThresholdRSRP-Condition1-B-1-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-ThresholdRSRP-Condition1-B-1-Option2List-r17 SEQUENCE (SIZE (1..8)) OF SL-ThresholdRSRP-Condition1-B-1-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-ContainerCoordInfo-r17 ENUMERATED {enabled, disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-ContainerRequest-r17 ENUMERATED {enabled, disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-TriggerConditionCoordInfo-r17 INTEGER (0..1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-TriggerConditionRequest-r17 INTEGER (0..1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-PriorityCoordInfoExplicit-r17 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-PriorityCoordInfoCondition-r17 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-PriorityRequest-r17 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-PriorityPreferredResourceSet-r17 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-MaxSlotOffsetTRIV-r17 INTEGER (1..8000) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-NumSubCH-PreferredResourceSet-r17 INTEGER (1..27) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-ReservedPeriodPreferredResourceSet-r17 INTEGER (1..16) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

sl-DetermineResourceType-r17 ENUMERATED {uea, ueb} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme1-r17)

...

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-IUC-Scheme2-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-RB-SetPSFCH-r17 BIT STRING (SIZE (10..275)) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-TypeUE-A-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-PSFCH-Occasion-r17 INTEGER (0..1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-SlotLevelResourceExclusion-r17 ENUMERATED {enabled} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-OptionForCondition2-A-1-r17 INTEGER (0..1) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-IndicationUE-B-r17 ENUMERATED {enabled, disabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

...,

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

[[

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

sl-DeltaRSRP-Thresh-v1720 INTEGER (-30..30) OPTIONAL -- Need M

Name of the Sub\_IE: (SL-InterUE-CoordinationScheme2-r17)

]]

Name of the Sub\_IE: (SL-ThresholdRSRP-Condition1-B-1-r17)

sl-Priority-r17 INTEGER (1..8),

Name of the Sub\_IE: (SL-ThresholdRSRP-Condition1-B-1-r17)

sl-ThresholdRSRP-Condition1-B-1-r17 INTEGER (0..66)

Name of the IE: (SL-LOGICALCHANNELCONFIG)

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-Priority-r16 INTEGER (1..8),

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-PrioritisedBitRate-r16 ENUMERATED {kBps0, kBps8, kBps16, kBps32, kBps64, kBps128, kBps256, kBps512,

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

kBps1024, kBps2048, kBps4096, kBps8192, kBps16384, kBps32768, kBps65536, infinity},

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-BucketSizeDuration-r16 ENUMERATED {ms5, ms10, ms20, ms50, ms100, ms150, ms300, ms500, ms1000,

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

spare7, spare6, spare5, spare4, spare3,spare2, spare1},

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-ConfiguredGrantType1Allowed-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-HARQ-FeedbackEnabled-r16 ENUMERATED {enabled, disabled } OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-AllowedCG-List-r16 SEQUENCE (SIZE (0.. maxNrofCG-SL-1-r16)) OF SL-ConfigIndexCG-r16

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-AllowedSCS-List-r16 SEQUENCE (SIZE (1..maxSCSs)) OF SubcarrierSpacing OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-MaxPUSCH-Duration-r16 ENUMERATED {ms0p02, ms0p04, ms0p0625, ms0p125, ms0p25, ms0p5, spare2, spare1}

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-LogicalChannelGroup-r16 INTEGER (0..maxLCG-ID) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-SchedulingRequestId-r16 SchedulingRequestId OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

sl-LogicalChannelSR-DelayTimerApplied-r16 BOOLEAN OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-LogicalChannelConfig-r16)

...

Name of the IE: (SL-L2RELAYUE-CONFIG)

Name of the Sub\_IE: (SL-L2RelayUE-Config-r17)

sl-RemoteUE-ToAddModList-r17 SEQUENCE (SIZE (1..maxNrofRemoteUE-r17)) OF SL-RemoteUE-ToAddMod-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-L2RelayUE-Config-r17)

sl-RemoteUE-ToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofRemoteUE-r17)) OF SL-DestinationIdentity-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-L2RelayUE-Config-r17)

...

Name of the Sub\_IE: (SL-RemoteUE-ToAddMod-r17)

sl-L2IdentityRemote-r17 SL-DestinationIdentity-r16,

Name of the Sub\_IE: (SL-RemoteUE-ToAddMod-r17)

sl-SRAP-ConfigRelay-r17 SL-SRAP-Config-r17 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RemoteUE-ToAddMod-r17)

...

Name of the IE: (SL-L2REMOTEUE-CONFIG)

Name of the Sub\_IE: (SL-L2RemoteUE-Config-r17)

sl-SRAP-ConfigRemote-r17 SL-SRAP-Config-r17 OPTIONAL, --Need M

Name of the Sub\_IE: (SL-L2RemoteUE-Config-r17)

sl-UEIdentityRemote-r17 RNTI-Value OPTIONAL, -- Cond FirstRRCReconfig

Name of the Sub\_IE: (SL-L2RemoteUE-Config-r17)

...

Name of the IE: (SL-MEASCONFIGCOMMON)

Name of the Sub\_IE: (SL-MeasConfigCommon-r16)

sl-MeasObjectListCommon-r16 SL-MeasObjectList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-MeasConfigCommon-r16)

sl-ReportConfigListCommon-r16 SL-ReportConfigList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-MeasConfigCommon-r16)

sl-MeasIdListCommon-r16 SL-MeasIdList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-MeasConfigCommon-r16)

sl-QuantityConfigCommon-r16 SL-QuantityConfig-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-MeasConfigCommon-r16)

...

Name of the IE: (SL-MEASCONFIGINFO)

Name of the Sub\_IE: (SL-MeasConfigInfo-r16)

sl-DestinationIndex-r16 SL-DestinationIndex-r16,

Name of the Sub\_IE: (SL-MeasConfigInfo-r16)

sl-MeasConfig-r16 SL-MeasConfig-r16,

Name of the Sub\_IE: (SL-MeasConfigInfo-r16)

...

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-MeasObjectToRemoveList-r16 SL-MeasObjectToRemoveList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-MeasObjectToAddModList-r16 SL-MeasObjectList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-ReportConfigToRemoveList-r16 SL-ReportConfigToRemoveList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-ReportConfigToAddModList-r16 SL-ReportConfigList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-MeasIdToRemoveList-r16 SL-MeasIdToRemoveList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-MeasIdToAddModList-r16 SL-MeasIdList-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MeasConfig-r16)

sl-QuantityConfig-r16 SL-QuantityConfig-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-MeasConfig-r16)

...

Name of the Sub\_IE: (SL-MeasObjectToRemoveList-r16)

SL-MeasObjectToRemoveList-r16 SEQUENCE (SIZE (1..maxNrofSL-ObjectId-r16)) OF SL-MeasObjectId-r16

Name of the Sub\_IE: (SL-ReportConfigToRemoveList-r16)

SL-ReportConfigToRemoveList-r16 SEQUENCE (SIZE (1..maxNrofSL-ReportConfigId-r16)) OF SL-ReportConfigId-r16

Name of the Sub\_IE: (SL-MeasIdToRemoveList-r16)

SL-MeasIdToRemoveList-r16 SEQUENCE (SIZE (1..maxNrofSL-MeasId-r16)) OF SL-MeasId-r16

Name of the IE: (SL-MEASIDLIST)

Name of the Sub\_IE: (SL-MeasIdList-r16)

SL-MeasIdList-r16 SEQUENCE (SIZE (1..maxNrofSL-MeasId-r16)) OF SL-MeasIdInfo-r16

Name of the Sub\_IE: (SL-MeasIdInfo-r16)

sl-MeasId-r16 SL-MeasId-r16,

Name of the Sub\_IE: (SL-MeasIdInfo-r16)

sl-MeasObjectId-r16 SL-MeasObjectId-r16,

Name of the Sub\_IE: (SL-MeasIdInfo-r16)

sl-ReportConfigId-r16 SL-ReportConfigId-r16,

Name of the Sub\_IE: (SL-MeasIdInfo-r16)

...

Name of the IE: (SL-MEASOBJECTLIST)

Name of the Sub\_IE: (SL-MeasObjectList-r16)

SL-MeasObjectList-r16 SEQUENCE (SIZE (1..maxNrofSL-ObjectId-r16)) OF SL-MeasObjectInfo-r16

Name of the Sub\_IE: (SL-MeasObjectInfo-r16)

sl-MeasObjectId-r16 SL-MeasObjectId-r16,

Name of the Sub\_IE: (SL-MeasObjectInfo-r16)

sl-MeasObject-r16 SL-MeasObject-r16,

Name of the Sub\_IE: (SL-MeasObjectInfo-r16)

...

Name of the Sub\_IE: (SL-MeasObject-r16)

frequencyInfoSL-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (SL-MeasObject-r16)

...

Name of the IE: (SL-PAGINGIDENTITYREMOTEUE)

Name of the Sub\_IE: (SL-PagingIdentityRemoteUE-r17)

ng-5G-S-TMSI-r17 NG-5G-S-TMSI,

Name of the Sub\_IE: (SL-PagingIdentityRemoteUE-r17)

fullI-RNTI-r17 I-RNTI-Value OPTIONAL -- Need R

Name of the IE: (SL-PBPS-CPS-CONFIG)

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-AllowedResourceSelectionConfig-r17 ENUMERATED {c1, c2, c3, c4, c5, c6, c7} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-MinNumCandidateSlotsPeriodic-r17 INTEGER (1..32) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-PBPS-OccasionReservePeriodList-r17 SEQUENCE (SIZE (1..16)) OF INTEGER (1..16) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-Additional-PBPS-Occasion-r17 ENUMERATED { monitored } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-CPS-WindowPeriodic-r17 INTEGER (5..30) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-MinNumCandidateSlotsAperiodic-r17 INTEGER (1..32) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-MinNumRssiMeasurementSlots-r17 INTEGER (1..800) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-DefaultCBR-RandomSelection-r17 INTEGER (0..100) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-DefaultCBR-PartialSensing-r17 INTEGER (0..100) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-CPS-WindowAperiodic-r17 INTEGER (0..30) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

sl-PartialSensingInactiveTime-r17 ENUMERATED { enabled, disabled } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PBPS-CPS-Config-r17)

...

Name of the IE: (SL-PDCP-CONFIG)

Name of the Sub\_IE: (SL-PDCP-Config-r16)

sl-DiscardTimer-r16 ENUMERATED {ms3, ms10, ms20, ms25, ms30, ms40, ms50, ms60, ms75, ms100, ms150, ms200,

Name of the Sub\_IE: (SL-PDCP-Config-r16)

ms250, ms300, ms500, ms750, ms1500, infinity} OPTIONAL, -- Cond Setup

Name of the Sub\_IE: (SL-PDCP-Config-r16)

sl-PDCP-SN-Size-r16 ENUMERATED {len12bits, len18bits} OPTIONAL, -- Cond Setup2

Name of the Sub\_IE: (SL-PDCP-Config-r16)

sl-OutOfOrderDelivery ENUMERATED { true } OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PDCP-Config-r16)

...

Name of the IE: (SL-PSBCH-CONFIG)

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

dl-P0-PSBCH-r16 INTEGER (-16..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

dl-Alpha-PSBCH-r16 ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

...,

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

[[

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

dl-P0-PSBCH-r17 INTEGER (-202..24) OPTIONAL -- Need M

Name of the Sub\_IE: (SL-PSBCH-Config-r16)

]]

Name of the IE: (SL-PSSCH-TXCONFIGLIST)

Name of the Sub\_IE: (SL-PSSCH-TxConfigList-r16)

SL-PSSCH-TxConfigList-r16 SEQUENCE (SIZE (1..maxPSSCH-TxConfig-r16)) OF SL-PSSCH-TxConfig-r16

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-TypeTxSync-r16 SL-TypeTxSync-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-ThresUE-Speed-r16 ENUMERATED {kmph60, kmph80, kmph100, kmph120,

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

kmph140, kmph160, kmph180, kmph200},

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-ParametersAboveThres-r16 SL-PSSCH-TxParameters-r16,

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-ParametersBelowThres-r16 SL-PSSCH-TxParameters-r16,

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

...,

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

[[

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-ParametersAboveThres-v1650 SL-MinMaxMCS-List-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

sl-ParametersBelowThres-v1650 SL-MinMaxMCS-List-r16 OPTIONAL -- Need R

Name of the Sub\_IE: (SL-PSSCH-TxConfig-r16)

]]

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MinMCS-PSSCH-r16 INTEGER (0..27),

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MaxMCS-PSSCH-r16 INTEGER (0..31),

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MinSubChannelNumPSSCH-r16 INTEGER (1..27),

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MaxSubchannelNumPSSCH-r16 INTEGER (1..27),

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MaxTxTransNumPSSCH-r16 INTEGER (1..32),

Name of the Sub\_IE: (SL-PSSCH-TxParameters-r16)

sl-MaxTxPower-r16 SL-TxPower-r16 OPTIONAL -- Cond CBR

Name of the IE: (SL-QOS-FLOWIDENTITY)

Name of the IE: (SL-QOS-PROFILE)

Name of the Sub\_IE: (SL-QoS-Profile-r16)

sl-PQI-r16 SL-PQI-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-QoS-Profile-r16)

sl-GFBR-r16 INTEGER (0..4000000000) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-QoS-Profile-r16)

sl-MFBR-r16 INTEGER (0..4000000000) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-QoS-Profile-r16)

sl-Range-r16 INTEGER (1..1000) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-QoS-Profile-r16)

...

Name of the Sub\_IE: (SL-PQI-r16)

sl-StandardizedPQI-r16 INTEGER (0..255),

Name of the Sub\_IE: (SL-PQI-r16)

sl-Non-StandardizedPQI-r16 SEQUENCE {

Name of the Sub\_IE: (SL-PQI-r16)

sl-ResourceType-r16 ENUMERATED {gbr, non-GBR, delayCriticalGBR, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

sl-PriorityLevel-r16 INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

sl-PacketDelayBudget-r16 INTEGER (0..1023) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

sl-PacketErrorRate-r16 INTEGER (0..9) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

sl-AveragingWindow-r16 INTEGER (0..4095) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

sl-MaxDataBurstVolume-r16 INTEGER (0..4095) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PQI-r16)

...

Name of the IE: (SL-RADIOBEARERCONFIG)

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

slrb-Uu-ConfigIndex-r16 SLRB-Uu-ConfigIndex-r16,

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

sl-SDAP-Config-r16 SL-SDAP-Config-r16 OPTIONAL, -- Cond SLRBSetup

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

sl-PDCP-Config-r16 SL-PDCP-Config-r16 OPTIONAL, -- Cond SLRBSetup

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

sl-TransRange-r16 ENUMERATED {m20, m50, m80, m100, m120, m150, m180, m200, m220, m250, m270, m300, m350, m370,

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

m400, m420, m450, m480, m500, m550, m600, m700, m1000, spare9, spare8, spare7, spare6,

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

spare5, spare4, spare3, spare2, spare1} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-RadioBearerConfig-r16)

...

Name of the IE: (SL-RELAYUE-CONFIG)

Name of the Sub\_IE: (SL-RelayUE-Config-r17)

threshHighRelay-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-RelayUE-Config-r17)

threshLowRelay-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-RelayUE-Config-r17)

hystMaxRelay-r17 Hysteresis OPTIONAL, -- Cond ThreshHighRelay

Name of the Sub\_IE: (SL-RelayUE-Config-r17)

hystMinRelay-r17 Hysteresis OPTIONAL -- Cond ThreshLowRelay

Name of the IE: (SL-REMOTEUE-CONFIG)

Name of the Sub\_IE: (SL-RemoteUE-Config-r17)

threshHighRemote-r17 RSRP-Range OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-RemoteUE-Config-r17)

hystMaxRemote-r17 Hysteresis OPTIONAL, -- Cond ThreshHighRemote

Name of the Sub\_IE: (SL-RemoteUE-Config-r17)

sl-ReselectionConfig-r17 SL-ReselectionConfig-r17 OPTIONAL -- Need R

Name of the Sub\_IE: (SL-ReselectionConfig-r17)

sl-RSRP-Thresh-r17 SL-RSRP-Range-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ReselectionConfig-r17)

sl-FilterCoefficientRSRP-r17 FilterCoefficient OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ReselectionConfig-r17)

sl-HystMin-r17 Hysteresis OPTIONAL -- Cond SL-RSRP-Thresh

Name of the IE: (SL-REPORTCONFIGLIST)

Name of the Sub\_IE: (SL-ReportConfigList-r16)

SL-ReportConfigList-r16 SEQUENCE (SIZE (1..maxNrofSL-ReportConfigId-r16)) OF SL-ReportConfigInfo-r16

Name of the Sub\_IE: (SL-ReportConfigInfo-r16)

sl-ReportConfigId-r16 SL-ReportConfigId-r16,

Name of the Sub\_IE: (SL-ReportConfigInfo-r16)

sl-ReportConfig-r16 SL-ReportConfig-r16,

Name of the Sub\_IE: (SL-ReportConfigInfo-r16)

...

Name of the Sub\_IE: (SL-ReportConfig-r16)

sl-ReportType-r16 CHOICE {

Name of the Sub\_IE: (SL-ReportConfig-r16)

sl-Periodical-r16 SL-PeriodicalReportConfig-r16,

Name of the Sub\_IE: (SL-ReportConfig-r16)

sl-EventTriggered-r16 SL-EventTriggerConfig-r16,

Name of the Sub\_IE: (SL-ReportConfig-r16)

...

Name of the Sub\_IE: (SL-ReportConfig-r16)

},

Name of the Sub\_IE: (SL-ReportConfig-r16)

...

Name of the Sub\_IE: (SL-PeriodicalReportConfig-r16)

sl-ReportInterval-r16 ReportInterval,

Name of the Sub\_IE: (SL-PeriodicalReportConfig-r16)

sl-ReportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (SL-PeriodicalReportConfig-r16)

sl-ReportQuantity-r16 SL-MeasReportQuantity-r16,

Name of the Sub\_IE: (SL-PeriodicalReportConfig-r16)

sl-RS-Type-r16 SL-RS-Type-r16,

Name of the Sub\_IE: (SL-PeriodicalReportConfig-r16)

...

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-EventId-r16 CHOICE {

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

eventS1-r16 SEQUENCE {

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

s1-Threshold-r16 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-ReportOnLeave-r16 BOOLEAN,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-Hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-TimeToTrigger-r16 TimeToTrigger,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

},

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

eventS2-r16 SEQUENCE {

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

s2-Threshold-r16 SL-MeasTriggerQuantity-r16,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-ReportOnLeave-r16 BOOLEAN,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-Hysteresis-r16 Hysteresis,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-TimeToTrigger-r16 TimeToTrigger,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

},

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

},

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-ReportInterval-r16 ReportInterval,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-ReportAmount-r16 ENUMERATED {r1, r2, r4, r8, r16, r32, r64, infinity},

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-ReportQuantity-r16 SL-MeasReportQuantity-r16,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

sl-RS-Type-r16 SL-RS-Type-r16,

Name of the Sub\_IE: (SL-EventTriggerConfig-r16)

...

Name of the Sub\_IE: (SL-MeasReportQuantity-r16)

sl-RSRP-r16 BOOLEAN,

Name of the Sub\_IE: (SL-MeasReportQuantity-r16)

...

Name of the Sub\_IE: (SL-MeasTriggerQuantity-r16)

sl-RSRP-r16 RSRP-Range,

Name of the Sub\_IE: (SL-MeasTriggerQuantity-r16)

...

Name of the Sub\_IE: (SL-RS-Type-r16)

SL-RS-Type-r16 ENUMERATED {dmrs, spare3, spare2, spare1}

Name of the IE: (SL-RESOURCEPOOL)

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PSCCH-Config-r16 SetupRelease { SL-PSCCH-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PSSCH-Config-r16 SetupRelease { SL-PSSCH-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PSFCH-Config-r16 SetupRelease { SL-PSFCH-Config-r16 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-SyncAllowed-r16 SL-SyncAllowed-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-SubchannelSize-r16 ENUMERATED {n10, n12, n15, n20, n25, n50, n75, n100} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

dummy INTEGER (10..160) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-StartRB-Subchannel-r16 INTEGER (0..265) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-NumSubchannel-r16 INTEGER (1..27) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-Additional-MCS-Table-r16 ENUMERATED {qam256, qam64LowSE, qam256-qam64LowSE } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-ThreshS-RSSI-CBR-r16 INTEGER (0..45) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-TimeWindowSizeCBR-r16 ENUMERATED {ms100, slot100} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-TimeWindowSizeCR-r16 ENUMERATED {ms1000, slot1000} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PTRS-Config-r16 SL-PTRS-Config-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-UE-SelectedConfigRP-r16 SL-UE-SelectedConfigRP-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-RxParametersNcell-r16 SEQUENCE {

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-TDD-Configuration-r16 TDD-UL-DL-ConfigCommon OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-SyncConfigIndex-r16 INTEGER (0..15)

Name of the Sub\_IE: (SL-ResourcePool-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-ZoneConfigMCR-List-r16 SEQUENCE (SIZE (16)) OF SL-ZoneConfigMCR-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-FilterCoefficient-r16 FilterCoefficient OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-RB-Number-r16 INTEGER (10..275) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PreemptionEnable-r16 ENUMERATED {enabled, pl1, pl2, pl3, pl4, pl5, pl6, pl7, pl8} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PriorityThreshold-UL-URLLC-r16 INTEGER (1..9) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PriorityThreshold-r16 INTEGER (1..9) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-X-Overhead-r16 ENUMERATED {n0,n3, n6, n9} OPTIONAL, -- Need S

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PowerControl-r16 SL-PowerControl-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-TxPercentageList-r16 SL-TxPercentageList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-MinMaxMCS-List-r16 SL-MinMaxMCS-List-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

...,

Name of the Sub\_IE: (SL-ResourcePool-r16)

[[

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-TimeResource-r16 BIT STRING (SIZE (10..160)) OPTIONAL -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

]],

Name of the Sub\_IE: (SL-ResourcePool-r16)

[[

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-PBPS-CPS-Config-r17 SetupRelease { SL-PBPS-CPS-Config-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

sl-InterUE-CoordinationConfig-r17 SetupRelease { SL-InterUE-CoordinationConfig-r17 } OPTIONAL -- Need M

Name of the Sub\_IE: (SL-ResourcePool-r16)

]]

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

sl-ZoneConfigMCR-Index-r16 INTEGER (0..15),

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

sl-TransRange-r16 ENUMERATED {m20, m50, m80, m100, m120, m150, m180, m200, m220, m250, m270, m300, m350,

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

m370, m400, m420, m450, m480, m500, m550, m600, m700, m1000, spare9, spare8,

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

spare7, spare6, spare5, spare4, spare3, spare2, spare1}

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

sl-ZoneConfig-r16 SL-ZoneConfig-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ZoneConfigMCR-r16)

...

Name of the Sub\_IE: (SL-SyncAllowed-r16)

gnss-Sync-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncAllowed-r16)

gnbEnb-Sync-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncAllowed-r16)

ue-Sync-r16 ENUMERATED {true} OPTIONAL -- Need R

Name of the Sub\_IE: (SL-PSCCH-Config-r16)

sl-TimeResourcePSCCH-r16 ENUMERATED {n2, n3} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSCCH-Config-r16)

sl-FreqResourcePSCCH-r16 ENUMERATED {n10,n12, n15, n20, n25} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSCCH-Config-r16)

sl-DMRS-ScrambleID-r16 INTEGER (0..65535) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSCCH-Config-r16)

sl-NumReservedBits-r16 INTEGER (2..4) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSCCH-Config-r16)

...

Name of the Sub\_IE: (SL-PSSCH-Config-r16)

sl-PSSCH-DMRS-TimePatternList-r16 SEQUENCE (SIZE (1..3)) OF INTEGER (2..4) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSSCH-Config-r16)

sl-BetaOffsets2ndSCI-r16 SEQUENCE (SIZE (4)) OF SL-BetaOffsets-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSSCH-Config-r16)

sl-Scaling-r16 ENUMERATED {f0p5, f0p65, f0p8, f1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSSCH-Config-r16)

...

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-PSFCH-Period-r16 ENUMERATED {sl0, sl1, sl2, sl4} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-PSFCH-RB-Set-r16 BIT STRING (SIZE (10..275)) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-NumMuxCS-Pair-r16 ENUMERATED {n1, n2, n3, n6} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-MinTimeGapPSFCH-r16 ENUMERATED {sl2, sl3} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-PSFCH-HopID-r16 INTEGER (0..1023) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

sl-PSFCH-CandidateResourceType-r16 ENUMERATED {startSubCH, allocSubCH} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PSFCH-Config-r16)

...

Name of the Sub\_IE: (SL-PTRS-Config-r16)

sl-PTRS-FreqDensity-r16 SEQUENCE (SIZE (2)) OF INTEGER (1..276) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PTRS-Config-r16)

sl-PTRS-TimeDensity-r16 SEQUENCE (SIZE (3)) OF INTEGER (0..29) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PTRS-Config-r16)

sl-PTRS-RE-Offset-r16 ENUMERATED {offset01, offset10, offset11} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PTRS-Config-r16)

...

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-CBR-PriorityTxConfigList-r16 SL-CBR-PriorityTxConfigList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-Thres-RSRP-List-r16 SL-Thres-RSRP-List-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-MultiReserveResource-r16 ENUMERATED {enabled} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-MaxNumPerReserve-r16 ENUMERATED {n2, n3} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-SensingWindow-r16 ENUMERATED {ms100, ms1100} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-SelectionWindowList-r16 SL-SelectionWindowList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-ResourceReservePeriodList-r16 SEQUENCE (SIZE (1..16)) OF SL-ResourceReservePeriod-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-RS-ForSensing-r16 ENUMERATED {pscch, pssch},

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

...,

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

[[

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

sl-CBR-PriorityTxConfigList-v1650 SL-CBR-PriorityTxConfigList-v1650 OPTIONAL -- Need M

Name of the Sub\_IE: (SL-UE-SelectedConfigRP-r16)

]]

Name of the Sub\_IE: (SL-ResourceReservePeriod-r16)

sl-ResourceReservePeriod1-r16 ENUMERATED {ms0, ms100, ms200, ms300, ms400, ms500, ms600, ms700, ms800, ms900, ms1000},

Name of the Sub\_IE: (SL-ResourceReservePeriod-r16)

sl-ResourceReservePeriod2-r16 INTEGER (1..99)

Name of the Sub\_IE: (SL-SelectionWindowList-r16)

SL-SelectionWindowList-r16 SEQUENCE (SIZE (8)) OF SL-SelectionWindowConfig-r16

Name of the Sub\_IE: (SL-SelectionWindowConfig-r16)

sl-Priority-r16 INTEGER (1..8),

Name of the Sub\_IE: (SL-SelectionWindowConfig-r16)

sl-SelectionWindow-r16 ENUMERATED {n1, n5, n10, n20}

Name of the Sub\_IE: (SL-TxPercentageList-r16)

SL-TxPercentageList-r16 SEQUENCE (SIZE (8)) OF SL-TxPercentageConfig-r16

Name of the Sub\_IE: (SL-TxPercentageConfig-r16)

sl-Priority-r16 INTEGER (1..8),

Name of the Sub\_IE: (SL-TxPercentageConfig-r16)

sl-TxPercentage-r16 ENUMERATED {p20, p35, p50}

Name of the Sub\_IE: (SL-MinMaxMCS-List-r16)

SL-MinMaxMCS-List-r16 SEQUENCE (SIZE (1..3)) OF SL-MinMaxMCS-Config-r16

Name of the Sub\_IE: (SL-MinMaxMCS-Config-r16)

sl-MCS-Table-r16 ENUMERATED {qam64, qam256, qam64LowSE},

Name of the Sub\_IE: (SL-MinMaxMCS-Config-r16)

sl-MinMCS-PSSCH-r16 INTEGER (0..27),

Name of the Sub\_IE: (SL-MinMaxMCS-Config-r16)

sl-MaxMCS-PSSCH-r16 INTEGER (0..31)

Name of the Sub\_IE: (SL-PowerControl-r16)

sl-MaxTransPower-r16 INTEGER (-30..33),

Name of the Sub\_IE: (SL-PowerControl-r16)

sl-Alpha-PSSCH-PSCCH-r16 ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-Alpha-PSSCH-PSCCH-r16 ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need S

Name of the Sub\_IE: (SL-PowerControl-r16)

sl-P0-PSSCH-PSCCH-r16 INTEGER (-16..15) OPTIONAL, -- Need S

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-P0-PSSCH-PSCCH-r16 INTEGER (-16..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-Alpha-PSFCH-r16 ENUMERATED {alpha0, alpha04, alpha05, alpha06, alpha07, alpha08, alpha09, alpha1} OPTIONAL, -- Need S

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-P0-PSFCH-r16 INTEGER (-16..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PowerControl-r16)

...,

Name of the Sub\_IE: (SL-PowerControl-r16)

[[

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-P0-PSSCH-PSCCH-r17 INTEGER (-202..24) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PowerControl-r16)

sl-P0-PSSCH-PSCCH-r17 INTEGER (-202..24) OPTIONAL, -- Need S

Name of the Sub\_IE: (SL-PowerControl-r16)

dl-P0-PSFCH-r17 INTEGER (-202..24) OPTIONAL -- Need M

Name of the Sub\_IE: (SL-PowerControl-r16)

]]

Name of the IE: (SL-RLC-BEARERCONFIG)

Name of the Sub\_IE: (SL-RLC-BearerConfig-r16)

sl-RLC-BearerConfigIndex-r16 SL-RLC-BearerConfigIndex-r16,

Name of the Sub\_IE: (SL-RLC-BearerConfig-r16)

sl-ServedRadioBearer-r16 SLRB-Uu-ConfigIndex-r16 OPTIONAL, -- Cond LCH-SetupOnly

Name of the Sub\_IE: (SL-RLC-BearerConfig-r16)

sl-RLC-Config-r16 SL-RLC-Config-r16 OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (SL-RLC-BearerConfig-r16)

sl-MAC-LogicalChannelConfig-r16 SL-LogicalChannelConfig-r16 OPTIONAL, -- Cond LCH-Setup

Name of the Sub\_IE: (SL-RLC-BearerConfig-r16)

...

Name of the IE: (SL-RLC-CHANNELID)

Name of the IE: (SL-RLC-CONFIG)

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-AM-RLC-r16 SEQUENCE {

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-SN-FieldLengthAM-r16 SN-FieldLengthAM OPTIONAL, -- Cond SLRBSetup

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-T-PollRetransmit-r16 T-PollRetransmit,

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-PollPDU-r16 PollPDU,

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-PollByte-r16 PollByte,

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-MaxRetxThreshold-r16 ENUMERATED { t1, t2, t3, t4, t6, t8, t16, t32 },

Name of the Sub\_IE: (SL-RLC-Config-r16)

...

Name of the Sub\_IE: (SL-RLC-Config-r16)

},

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-UM-RLC-r16 SEQUENCE {

Name of the Sub\_IE: (SL-RLC-Config-r16)

sl-SN-FieldLengthUM-r16 SN-FieldLengthUM OPTIONAL, -- Cond SLRBSetup

Name of the Sub\_IE: (SL-RLC-Config-r16)

...

Name of the Sub\_IE: (SL-RLC-Config-r16)

},

Name of the Sub\_IE: (SL-RLC-Config-r16)

...

Name of the IE: (SL-SCHEDULEDCONFIG)

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

sl-RNTI-r16 RNTI-Value,

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

mac-MainConfigSL-r16 MAC-MainConfigSL-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

sl-CS-RNTI-r16 RNTI-Value OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

sl-PSFCH-ToPUCCH-r16 SEQUENCE (SIZE (1..8)) OF INTEGER (0..15) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

sl-ConfiguredGrantConfigList-r16 SL-ConfiguredGrantConfigList-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

...,

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

[[

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

sl-DCI-ToSL-Trans-r16 SEQUENCE (SIZE (1..8)) OF INTEGER (1..32) OPTIONAL -- Need M

Name of the Sub\_IE: (SL-ScheduledConfig-r16)

]]

Name of the Sub\_IE: (MAC-MainConfigSL-r16)

sl-BSR-Config-r16 BSR-Config OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-MainConfigSL-r16)

ul-PrioritizationThres-r16 INTEGER (1..16) OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-MainConfigSL-r16)

sl-PrioritizationThres-r16 INTEGER (1..8) OPTIONAL, -- Need M

Name of the Sub\_IE: (MAC-MainConfigSL-r16)

...

Name of the Sub\_IE: (SL-ConfiguredGrantConfigList-r16)

sl-ConfiguredGrantConfigToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofCG-SL-r16)) OF SL-ConfigIndexCG-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-ConfiguredGrantConfigList-r16)

sl-ConfiguredGrantConfigToAddModList-r16 SEQUENCE (SIZE (1..maxNrofCG-SL-r16)) OF SL-ConfiguredGrantConfig-r16 OPTIONAL -- Need N

Name of the IE: (SL-SDAP-CONFIG)

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-SDAP-Header-r16 ENUMERATED {present, absent},

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-DefaultRB-r16 BOOLEAN,

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-MappedQoS-Flows-r16 CHOICE {

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-MappedQoS-FlowsList-r16 SEQUENCE (SIZE (1..maxNrofSL-QFIs-r16)) OF SL-QoS-Profile-r16,

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-MappedQoS-FlowsListDedicated-r16 SL-MappedQoS-FlowsListDedicated-r16

Name of the Sub\_IE: (SL-SDAP-Config-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-SDAP-Config-r16)

sl-CastType-r16 ENUMERATED {broadcast, groupcast, unicast, spare1} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-SDAP-Config-r16)

...

Name of the Sub\_IE: (SL-MappedQoS-FlowsListDedicated-r16)

sl-MappedQoS-FlowsToAddList-r16 SEQUENCE (SIZE (1..maxNrofSL-QFIs-r16)) OF SL-QoS-FlowIdentity-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MappedQoS-FlowsListDedicated-r16)

sl-MappedQoS-FlowsToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSL-QFIs-r16)) OF SL-QoS-FlowIdentity-r16 OPTIONAL -- Need N

Name of the IE: (SL-SERVINGCELLINFO)

Name of the Sub\_IE: (SL-ServingCellInfo-r17)

sl-PhysCellId-r17 PhysCellId,

Name of the Sub\_IE: (SL-ServingCellInfo-r17)

sl-CarrierFreqNR-r17 ARFCN-ValueNR

Name of the IE: (SL-SOURCEIDENTITY)

Name of the IE: (SL-SRAP-CONFIG)

Name of the Sub\_IE: (SL-SRAP-Config-r17)

sl-LocalIdentity-r17 INTEGER (0..255) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-SRAP-Config-r17)

sl-MappingToAddModList-r17 SEQUENCE (SIZE (1..maxLC-ID)) OF SL-MappingToAddMod-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-SRAP-Config-r17)

sl-MappingToReleaseList-r17 SEQUENCE (SIZE (1..maxLC-ID)) OF SL-RemoteUE-RB-Identity-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-SRAP-Config-r17)

...

Name of the Sub\_IE: (SL-MappingToAddMod-r17)

sl-RemoteUE-RB-Identity-r17 SL-RemoteUE-RB-Identity-r17,

Name of the Sub\_IE: (SL-MappingToAddMod-r17)

sl-EgressRLC-ChannelUu-r17 Uu-RelayRLC-ChannelID-r17 OPTIONAL, -- Cond L2RelayUE

Name of the Sub\_IE: (SL-MappingToAddMod-r17)

sl-EgressRLC-ChannelPC5-r17 SL-RLC-ChannelID-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-MappingToAddMod-r17)

...

Name of the Sub\_IE: (SL-RemoteUE-RB-Identity-r17)

srb-Identity-r17 INTEGER (0..3),

Name of the Sub\_IE: (SL-RemoteUE-RB-Identity-r17)

drb-Identity-r17 DRB-Identity,

Name of the Sub\_IE: (SL-RemoteUE-RB-Identity-r17)

...

Name of the IE: (SL-SYNCCONFIG)

Name of the Sub\_IE: (SL-SyncConfigList-r16)

SL-SyncConfigList-r16 SEQUENCE (SIZE (1..maxSL-SyncConfig-r16)) OF SL-SyncConfig-r16

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SyncRefMinHyst-r16 ENUMERATED {dB0, dB3, dB6, dB9, dB12} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SyncRefDiffHyst-r16 ENUMERATED {dB0, dB3, dB6, dB9, dB12, dBinf} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-filterCoefficient-r16 FilterCoefficient OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SSB-TimeAllocation1-r16 SL-SSB-TimeAllocation-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SSB-TimeAllocation2-r16 SL-SSB-TimeAllocation-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SSB-TimeAllocation3-r16 SL-SSB-TimeAllocation-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

sl-SSID-r16 INTEGER (0..671) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

txParameters-r16 SEQUENCE {

Name of the Sub\_IE: (SL-SyncConfig-r16)

syncTxThreshIC-r16 SL-RSRP-Range-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

syncTxThreshOoC-r16 SL-RSRP-Range-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

syncInfoReserved-r16 BIT STRING (SIZE (2)) OPTIONAL -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

},

Name of the Sub\_IE: (SL-SyncConfig-r16)

gnss-Sync-r16 ENUMERATED {true} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SyncConfig-r16)

...

Name of the Sub\_IE: (SL-SSB-TimeAllocation-r16)

sl-NumSSB-WithinPeriod-r16 ENUMERATED {n1, n2, n4, n8, n16, n32, n64} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SSB-TimeAllocation-r16)

sl-TimeOffsetSSB-r16 INTEGER (0..1279) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-SSB-TimeAllocation-r16)

sl-TimeInterval-r16 INTEGER (0..639) OPTIONAL -- Need R

Name of the IE: (SL-THRES-RSRP-LIST)

Name of the Sub\_IE: (SL-Thres-RSRP-List-r16)

SL-Thres-RSRP-List-r16 SEQUENCE (SIZE (64)) OF SL-Thres-RSRP-r16

Name of the IE: (SL-TXPOWER)

Name of the Sub\_IE: (SL-TxPower-r16)

minusinfinity-r16 NULL,

Name of the Sub\_IE: (SL-TxPower-r16)

txPower-r16 INTEGER (-30..33)

Name of the IE: (SL-TYPETXSYNC)

Name of the Sub\_IE: (SL-TypeTxSync-r16)

SL-TypeTxSync-r16 ENUMERATED {gnss, gnbEnb, ue}

Name of the IE: (SL-UE-SELECTEDCONFIG)

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

sl-PSSCH-TxConfigList-r16 SL-PSSCH-TxConfigList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

sl-ProbResourceKeep-r16 ENUMERATED {v0, v0dot2, v0dot4, v0dot6, v0dot8} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

sl-ReselectAfter-r16 ENUMERATED {n1, n2, n3, n4, n5, n6, n7, n8, n9} OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

sl-CBR-CommonTxConfigList-r16 SL-CBR-CommonTxConfigList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

ul-PrioritizationThres-r16 INTEGER (1..16) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

sl-PrioritizationThres-r16 INTEGER (1..8) OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-UE-SelectedConfig-r16)

...

Name of the IE: (SL-ZONECONFIG)

Name of the Sub\_IE: (SL-ZoneConfig-r16)

sl-ZoneLength-r16 ENUMERATED { m5, m10, m20, m30, m40, m50, spare2, spare1},

Name of the Sub\_IE: (SL-ZoneConfig-r16)

...

Name of the IE: (SLRB-UU-CONFIGINDEX)

Name of the IE: (CARRIERFREQLISTMBS)

Name of the Sub\_IE: (CarrierFreqListMBS-r17)

CarrierFreqListMBS-r17 SEQUENCE (SIZE (1..maxFreqMBS-r17)) OF ARFCN-ValueNR

Name of the IE: (CFR-CONFIGMCCH-MTCH)

Name of the Sub\_IE: (CFR-ConfigMCCH-MTCH-r17)

locationAndBandwidthBroadcast-r17 LocationAndBandwidthBroadcast-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (CFR-ConfigMCCH-MTCH-r17)

pdsch-ConfigMCCH-r17 PDSCH-ConfigBroadcast-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (CFR-ConfigMCCH-MTCH-r17)

commonControlResourceSetExt-r17 ControlResourceSet OPTIONAL -- Cond NotSIB1CommonControlResource

Name of the Sub\_IE: (LocationAndBandwidthBroadcast-r17)

sameAsSib1ConfiguredLocationAndBW NULL,

Name of the Sub\_IE: (LocationAndBandwidthBroadcast-r17)

locationAndBandwidth INTEGER (0..37949)

Name of the IE: (DRX-CONFIGPTM)

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-onDurationTimerPTM-r17 CHOICE {

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

subMilliSeconds INTEGER (1..31),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

milliSeconds ENUMERATED {

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms80, ms100, ms200, ms300, ms400, ms500, ms600, ms800, ms1000, ms1200,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms1600, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

},

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-InactivityTimerPTM-r17 ENUMERATED {

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms0, ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60, ms80,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms100, ms200, ms300, ms500, ms750, ms1280, ms1920, ms2560, spare9, spare8,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

spare7, spare6, spare5, spare4, spare3, spare2, spare1

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

},

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-HARQ-RTT-TimerDL-PTM-r17 INTEGER (0..56) OPTIONAL, -- Cond HARQFeedback

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-RetransmissionTimerDL-PTM-r17 ENUMERATED {

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

sl0, sl1, sl2, sl4, sl6, sl8, sl16, sl24, sl33, sl40, sl64, sl80, sl96, sl112, sl128,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

sl160, sl320, spare15, spare14, spare13, spare12, spare11, spare10, spare9,

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

} OPTIONAL, -- Cond HARQFeedback

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-LongCycleStartOffsetPTM-r17 CHOICE {

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms10 INTEGER(0..9),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms20 INTEGER(0..19),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms32 INTEGER(0..31),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms40 INTEGER(0..39),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms60 INTEGER(0..59),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms64 INTEGER(0..63),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms70 INTEGER(0..69),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms80 INTEGER(0..79),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms128 INTEGER(0..127),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms160 INTEGER(0..159),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms256 INTEGER(0..255),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms320 INTEGER(0..319),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms512 INTEGER(0..511),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms640 INTEGER(0..639),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms1024 INTEGER(0..1023),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms1280 INTEGER(0..1279),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms2048 INTEGER(0..2047),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms2560 INTEGER(0..2559),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms5120 INTEGER(0..5119),

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

ms10240 INTEGER(0..10239)

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

},

Name of the Sub\_IE: (DRX-ConfigPTM-r17)

drx-SlotOffsetPTM-r17 INTEGER (0..31)

Name of the IE: (MBS-NEIGHBOURCELLLIST)

Name of the Sub\_IE: (MBS-NeighbourCellList-r17)

MBS-NeighbourCellList-r17 SEQUENCE (SIZE (0..maxNeighCellMBS-r17)) OF MBS-NeighbourCell-r17

Name of the Sub\_IE: (MBS-NeighbourCell-r17)

physCellId-r17 PhysCellId,

Name of the Sub\_IE: (MBS-NeighbourCell-r17)

carrierFreq-r17 ARFCN-ValueNR OPTIONAL -- Need S

Name of the IE: (MBS-SERVICELIST)

Name of the Sub\_IE: (MBS-ServiceList-r17)

MBS-ServiceList-r17 SEQUENCE (SIZE (1..maxNrofMBS-ServiceListPerUE-r17)) OF MBS-ServiceInfo-r17

Name of the Sub\_IE: (MBS-ServiceInfo-r17)

tmgi-r17 TMGI-r17

Name of the IE: (MBS-SESSIONINFOLIST)

Name of the Sub\_IE: (MBS-SessionInfoList-r17)

MBS-SessionInfoList-r17 SEQUENCE (SIZE (1..maxNrofMBS-Session-r17)) OF MBS-SessionInfo-r17

Name of the Sub\_IE: (MBS-SessionInfo-r17)

mbs-SessionId-r17 TMGI-r17,

Name of the Sub\_IE: (MBS-SessionInfo-r17)

g-RNTI-r17 RNTI-Value,

Name of the Sub\_IE: (MBS-SessionInfo-r17)

mrb-ListBroadcast-r17 MRB-ListBroadcast-r17,

Name of the Sub\_IE: (MBS-SessionInfo-r17)

mtch-SchedulingInfo-r17 DRX-ConfigPTM-Index-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (MBS-SessionInfo-r17)

mtch-NeighbourCell-r17 BIT STRING (SIZE(maxNeighCellMBS-r17)) OPTIONAL, -- Need S

Name of the Sub\_IE: (MBS-SessionInfo-r17)

pdsch-ConfigIndex-r17 PDSCH-ConfigIndex-r17 OPTIONAL, -- Need S

Name of the Sub\_IE: (MBS-SessionInfo-r17)

mtch-SSB-MappingWindowIndex-r17 MTCH-SSB-MappingWindowIndex-r17 OPTIONAL -- Cond MTCH-Mapping

Name of the Sub\_IE: (MRB-ListBroadcast-r17)

MRB-ListBroadcast-r17 SEQUENCE (SIZE (1..maxNrofMRB-Broadcast-r17)) OF MRB-InfoBroadcast-r17

Name of the Sub\_IE: (MRB-InfoBroadcast-r17)

pdcp-Config-r17 MRB-PDCP-ConfigBroadcast-r17,

Name of the Sub\_IE: (MRB-InfoBroadcast-r17)

rlc-Config-r17 MRB-RLC-ConfigBroadcast-r17,

Name of the Sub\_IE: (MRB-InfoBroadcast-r17)

...

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

pdcp-SN-SizeDL-r17 ENUMERATED {len12bits} OPTIONAL, -- Need S

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

headerCompression-r17 CHOICE {

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

notUsed NULL,

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

rohc SEQUENCE {

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

maxCID-r17 INTEGER (1..16) DEFAULT 15,

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

profiles-r17 SEQUENCE {

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

profile0x0000-r17 BOOLEAN,

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

profile0x0001-r17 BOOLEAN,

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

profile0x0002-r17 BOOLEAN

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

},

Name of the Sub\_IE: (MRB-PDCP-ConfigBroadcast-r17)

t-Reordering-r17 ENUMERATED {ms1, ms10, ms40, ms160, ms500, ms1000, ms1250, ms2750} OPTIONAL -- Need S

Name of the Sub\_IE: (MRB-RLC-ConfigBroadcast-r17)

logicalChannelIdentity-r17 LogicalChannelIdentity,

Name of the Sub\_IE: (MRB-RLC-ConfigBroadcast-r17)

sn-FieldLength-r17 ENUMERATED {size6} OPTIONAL, -- Need S

Name of the Sub\_IE: (MRB-RLC-ConfigBroadcast-r17)

t-Reassembly-r17 T-Reassembly OPTIONAL -- Need S

Name of the IE: (MTCH-SSB-MAPPINGWINDOWLIST)

Name of the Sub\_IE: (MTCH-SSB-MappingWindowList-r17)

MTCH-SSB-MappingWindowList-r17 SEQUENCE (SIZE (1..maxNrofMTCH-SSB-MappingWindow-r17)) OF MTCH-SSB-MappingWindowCycleOffset-r17

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms10 INTEGER(0..9),

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms20 INTEGER(0..19),

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms32 INTEGER(0..31),

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms64 INTEGER(0..63),

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms128 INTEGER(0..127),

Name of the Sub\_IE: (MTCH-SSB-MappingWindowCycleOffset-r17)

ms256 INTEGER(0..255)

Name of the IE: (PDSCH-CONFIGBROADCAST)

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

pdschConfigList-r17 SEQUENCE (SIZE (1..maxNrofPDSCH-ConfigPTM-r17) ) OF PDSCH-ConfigPTM-r17,

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

pdsch-TimeDomainAllocationList-r17 PDSCH-TimeDomainResourceAllocationList-r16 OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

rateMatchPatternToAddModList-r17 SEQUENCE (SIZE (1..maxNrofRateMatchPatterns)) OF RateMatchPattern OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

lte-CRS-ToMatchAround-r17 RateMatchPatternLTE-CRS OPTIONAL, -- Need R

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

mcs-Table-r17 ENUMERATED {qam256, qam64LowSE} OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-ConfigBroadcast-r17)

xOverhead-r17 ENUMERATED {xOh6, xOh12, xOh18} OPTIONAL -- Need S

Name of the Sub\_IE: (PDSCH-ConfigPTM-r17)

dataScramblingIdentityPDSCH-r17 INTEGER (0..1023) OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-ConfigPTM-r17)

dmrs-ScramblingID0-r17 INTEGER (0..65535) OPTIONAL, -- Need S

Name of the Sub\_IE: (PDSCH-ConfigPTM-r17)

pdsch-AggregationFactor-r17 ENUMERATED {n2, n4, n8} OPTIONAL -- Need S

Name of the IE: (TMGI)

Name of the Sub\_IE: (TMGI-r17)

plmn-Id-r17 CHOICE {

Name of the Sub\_IE: (TMGI-r17)

plmn-Index INTEGER (1..maxPLMN),

Name of the Sub\_IE: (TMGI-r17)

explicitValue PLMN-Identity

Name of the Sub\_IE: (TMGI-r17)

},

Name of the Sub\_IE: (TMGI-r17)

serviceId-r17 OCTET STRING (SIZE (3))

Name of the IE: (MULTIPLICITY-AND-TYPE-CONSTRAINT-DEFINITIONS)

Name of the Sub\_IE: (maxTwoPUCCH-Grp-ConfigList-r16 INTEGER)

-- config, secondary PUCCH group config}

Name of the Sub\_IE: (maxTwoPUCCH-Grp-ConfigList-r17 INTEGER)

-- config, secondary PUCCH group config} for PUCCH cell switching

Name of the Sub\_IE: (maxCBR-Config-r16 INTEGER)

-- congestion control

Name of the Sub\_IE: (maxCBR-Config-1-r16 INTEGER)

-- congestion control minus 1

Name of the Sub\_IE: (maxCellNTN-r17 INTEGER)

-- provided

Name of the Sub\_IE: (maxCarrierTypePairList-r16 INTEGER)

-- CSI measurement is performed, carrier type on which CSI reporting is

Name of the Sub\_IE: (maxCarrierTypePairList-r16 INTEGER)

-- performed) for CSI reporting cross PUCCH group

Name of the Sub\_IE: (maxEUTRA-CellExcluded INTEGER)

-- in SIB5

Name of the Sub\_IE: (maxNrofRelayMeas-r17 INTEGER)

-- on sidelink frequency

Name of the Sub\_IE: (maxSL-GC-BC-DRX-QoS-r17 INTEGER)

-- sidelink groupcast/broadcast communication

Name of the Sub\_IE: (maxNrofSL-RxInfoSet-r17 INTEGER)

-- information

Name of the Sub\_IE: (maxNrofDL-AllocationsExt-r17 INTEGER)

-- scheduling

Name of the Sub\_IE: (maxNrofCSI-SSB-ResourceSetsPerConfigExt INTEGER)

-- extended

Name of the Sub\_IE: (maxNrofSL-PoolToMeasureNR-r16 INTEGER)

-- each measurement object (for CBR)

Name of the Sub\_IE: (maxNrofCSI-RS-ResourcesRRM-1 INTEGER)

-- minus 1.

Name of the Sub\_IE: (maxNrofRXPool-r16 INTEGER)

-- discovery

Name of the Sub\_IE: (maxNrofTXPool-r16 INTEGER)

-- discovery

Name of the Sub\_IE: (maxNrofPoolID-r16 INTEGER)

-- discovery

Name of the Sub\_IE: (maxNrofSRS-PathlossReferenceRS-1-r16 INTEGER)

-- minus 1.

Name of the Sub\_IE: (maxULTxSwitchingBandPairs INTEGER)

-- combination.

Name of the Sub\_IE: (maxNrofPUCCH-PathlossReferenceRSs-1 INTEGER)

-- minus 1.

Name of the Sub\_IE: (maxNrofPUCCH-PathlossReferenceRSs-r16 INTEGER)

-- extended.

Name of the Sub\_IE: (maxNrofPUCCH-PathlossReferenceRSs-1-r16 INTEGER)

-- minus 1 extended.

Name of the Sub\_IE: (maxNrofPUCCH-PathlossReferenceRSs-1-r17 INTEGER)

-- minus 1.

Name of the Sub\_IE: (maxNrofPUSCH-PathlossReferenceRSs-1 INTEGER)

-- minus 1.

Name of the Sub\_IE: (maxNrofPUSCH-PathlossReferenceRSs-r16 INTEGER)

-- extended

Name of the Sub\_IE: (maxNrofPUSCH-PathlossReferenceRSs-1-r16 INTEGER)

-- extended minus 1

Name of the Sub\_IE: (maxNrofPUSCH-PathlossReferenceRSsDiff-r16 INTEGER)

-- maxNrofPUSCH-PathlossReferenceRSs

Name of the Sub\_IE: (maxNrofPathlossReferenceRSs-r17 INTEGER)

-- power control for unified TCI state operation

Name of the Sub\_IE: (maxNrofPathlossReferenceRSs-1-r17 INTEGER)

-- power control for unified TCI state operation minus 1

Name of the Sub\_IE: (maxNrofReqComDC-Location-r17 INTEGER)

-- report

Name of the Sub\_IE: (maxNrofDRX-ConfigPTM-r17 INTEGER)

-- cell

Name of the Sub\_IE: (maxNrofDRX-ConfigPTM-1-r17 INTEGER)

-- cell minus 1

Name of the Sub\_IE: (maxNrofMBS-ServiceListPerUE-r17 INTEGER)

-- indication

Name of the Sub\_IE: (maxNrofPdcch-BlindDetectionMixed-1-r16 INTEGER)

-- monitoring capabilities minus 1

Name of the Sub\_IE: (maxNrofPdcch-BlindDetection-r17 INTEGER)

-- capabilities

Name of the IE: (PC5-RRC-DEFINITIONS)

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

BEGIN

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

IMPORTS

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

CellAccessRelatedInfo,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SetupRelease,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

RRC-TransactionIdentifier,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SN-FieldLengthAM,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SN-FieldLengthUM,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

LogicalChannelIdentity,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxNrofSLRB-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxNrofSL-RxInfoSet-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxNrofSL-QFIs-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxNrofSL-QFIsPerDest-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

PagingCycle,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

PagingRecord,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

RSRP-Range,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-MeasConfig-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-MeasId-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

FreqBandList,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

FreqBandIndicatorNR,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxNrofRelayMeas-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxSimultaneousBands,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxBandComb,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxBands,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxSIB-MessagePlus1-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

maxSL-LCID-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

BandParametersSidelink-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

RLC-ParametersSidelink-r16,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SIB1,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-DRX-ConfigUC-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-DRX-ConfigUC-SemiStatic-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-PagingIdentityRemoteUE-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-RLC-ChannelID-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SL-SourceIdentity-r17,

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

SystemInformation

Name of the Sub\_IE: (PC5-RRC-Definitions DEFINITIONS AUTOMATIC TAGS)

FROM NR-RRC-Definitions;

Name of the IE: (SBCCH-SL-BCH-MESSAGE)

Name of the Sub\_IE: (SBCCH-SL-BCH-Message)

message SBCCH-SL-BCH-MessageType

Name of the Sub\_IE: (SBCCH-SL-BCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (SBCCH-SL-BCH-MessageType)

masterInformationBlockSidelink MasterInformationBlockSidelink,

Name of the Sub\_IE: (SBCCH-SL-BCH-MessageType)

spare1 NULL

Name of the Sub\_IE: (SBCCH-SL-BCH-MessageType)

},

Name of the Sub\_IE: (SBCCH-SL-BCH-MessageType)

messageClassExtension SEQUENCE {}

Name of the IE: (SCCH-MESSAGE)

Name of the Sub\_IE: (SCCH-Message)

message SCCH-MessageType

Name of the Sub\_IE: (SCCH-MessageType)

c1 CHOICE {

Name of the Sub\_IE: (SCCH-MessageType)

measurementReportSidelink MeasurementReportSidelink,

Name of the Sub\_IE: (SCCH-MessageType)

rrcReconfigurationSidelink RRCReconfigurationSidelink,

Name of the Sub\_IE: (SCCH-MessageType)

rrcReconfigurationCompleteSidelink RRCReconfigurationCompleteSidelink,

Name of the Sub\_IE: (SCCH-MessageType)

rrcReconfigurationFailureSidelink RRCReconfigurationFailureSidelink,

Name of the Sub\_IE: (SCCH-MessageType)

ueCapabilityEnquirySidelink UECapabilityEnquirySidelink,

Name of the Sub\_IE: (SCCH-MessageType)

ueCapabilityInformationSidelink UECapabilityInformationSidelink,

Name of the Sub\_IE: (SCCH-MessageType)

uuMessageTransferSidelink-r17 UuMessageTransferSidelink-r17,

Name of the Sub\_IE: (SCCH-MessageType)

remoteUEInformationSidelink-r17 RemoteUEInformationSidelink-r17

Name of the Sub\_IE: (SCCH-MessageType)

},

Name of the Sub\_IE: (SCCH-MessageType)

messageClassExtension CHOICE {

Name of the Sub\_IE: (SCCH-MessageType)

c2 CHOICE {

Name of the Sub\_IE: (SCCH-MessageType)

notificationMessageSidelink-r17 NotificationMessageSidelink-r17,

Name of the Sub\_IE: (SCCH-MessageType)

ueAssistanceInformationSidelink-r17 UEAssistanceInformationSidelink-r17,

Name of the Sub\_IE: (SCCH-MessageType)

spare6 NULL, spare5 NULL, spare4 NULL, spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (SCCH-MessageType)

},

Name of the Sub\_IE: (SCCH-MessageType)

messageClassExtensionFuture-r17 SEQUENCE {}

Name of the IE: (MASTERINFORMATIONBLOCKSIDELINK)

Name of the Sub\_IE: (MasterInformationBlockSidelink)

sl-TDD-Config-r16 BIT STRING (SIZE (12)),

Name of the Sub\_IE: (MasterInformationBlockSidelink)

inCoverage-r16 BOOLEAN,

Name of the Sub\_IE: (MasterInformationBlockSidelink)

directFrameNumber-r16 BIT STRING (SIZE (10)),

Name of the Sub\_IE: (MasterInformationBlockSidelink)

slotIndex-r16 BIT STRING (SIZE (7)),

Name of the Sub\_IE: (MasterInformationBlockSidelink)

reservedBits-r16 BIT STRING (SIZE (2))

Name of the IE: (MEASUREMENTREPORTSIDELINK)

Name of the Sub\_IE: (MeasurementReportSidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MeasurementReportSidelink)

measurementReportSidelink-r16 MeasurementReportSidelink-r16-IEs,

Name of the Sub\_IE: (MeasurementReportSidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MeasurementReportSidelink-r16-IEs)

sl-measResults-r16 SL-MeasResults-r16,

Name of the Sub\_IE: (MeasurementReportSidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (MeasurementReportSidelink-r16-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the Sub\_IE: (SL-MeasResults-r16)

sl-MeasId-r16 SL-MeasId-r16,

Name of the Sub\_IE: (SL-MeasResults-r16)

sl-MeasResult-r16 SL-MeasResult-r16,

Name of the Sub\_IE: (SL-MeasResults-r16)

...

Name of the Sub\_IE: (SL-MeasResult-r16)

sl-ResultDMRS-r16 SL-MeasQuantityResult-r16 OPTIONAL,

Name of the Sub\_IE: (SL-MeasResult-r16)

...

Name of the Sub\_IE: (SL-MeasQuantityResult-r16)

sl-RSRP-r16 RSRP-Range OPTIONAL,

Name of the Sub\_IE: (SL-MeasQuantityResult-r16)

...

Name of the Sub\_IE: (SL-MeasResultListRelay-r17)

SL-MeasResultListRelay-r17 SEQUENCE (SIZE (1..maxNrofRelayMeas-r17)) OF SL-MeasResultRelay-r17

Name of the Sub\_IE: (SL-MeasResultRelay-r17)

cellIdentity-r17 CellAccessRelatedInfo,

Name of the Sub\_IE: (SL-MeasResultRelay-r17)

sl-RelayUE-Identity-r17 SL-SourceIdentity-r17,

Name of the Sub\_IE: (SL-MeasResultRelay-r17)

sl-MeasResult-r17 SL-MeasResult-r16,

Name of the Sub\_IE: (SL-MeasResultRelay-r17)

...

Name of the IE: (REMOTEUEINFORMATIONSIDELINK)

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17)

remoteUEInformationSidelink-r17 RemoteUEInformationSidelink-r17-IEs,

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17-IEs)

sl-RequestedSIB-List-r17 SetupRelease { SL-RequestedSIB-List-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17-IEs)

sl-PagingInfo-RemoteUE-r17 SetupRelease { SL-PagingInfo-RemoteUE-r17} OPTIONAL, -- Need M

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RemoteUEInformationSidelink-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (SL-RequestedSIB-List-r17)

SL-RequestedSIB-List-r17 SEQUENCE (SIZE (maxSIB-MessagePlus1-r17)) OF SL-SIB-ReqInfo-r17

Name of the Sub\_IE: (SL-PagingInfo-RemoteUE-r17)

sl-PagingIdentityRemoteUE-r17 SL-PagingIdentityRemoteUE-r17,

Name of the Sub\_IE: (SL-PagingInfo-RemoteUE-r17)

sl-PagingCycleRemoteUE-r17 PagingCycle OPTIONAL -- Need M

Name of the Sub\_IE: (SL-SIB-ReqInfo-r17)

SL-SIB-ReqInfo-r17 ENUMERATED { sib1, sib2, sib3, sib4, sib5, sib6, sib7, sib8, sib9, sib10, sib11, sib12, sib13,

Name of the Sub\_IE: (SL-SIB-ReqInfo-r17)

sib14, sib15, sib16, sib17, sib18, sib19, sib20, sib21, sibNotReq11, sibNotReq10, sibNotReq9,

Name of the Sub\_IE: (SL-SIB-ReqInfo-r17)

sibNotReq8, sibNotReq7, sibNotReq6, sibNotReq5, sibNotReq4, sibNotReq3, sibNotReq2, sibNotReq1, ... }

Name of the IE: (RRCRECONFIGURATIONSIDELINK)

Name of the Sub\_IE: (RRCReconfigurationSidelink)

rrc-TransactionIdentifier-r16 RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReconfigurationSidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReconfigurationSidelink)

rrcReconfigurationSidelink-r16 RRCReconfigurationSidelink-r16-IEs,

Name of the Sub\_IE: (RRCReconfigurationSidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

slrb-ConfigToAddModList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SLRB-Config-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

slrb-ConfigToReleaseList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SLRB-PC5-ConfigIndex-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

sl-MeasConfig-r16 SetupRelease {SL-MeasConfig-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

sl-CSI-RS-Config-r16 SetupRelease {SL-CSI-RS-Config-r16} OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

sl-ResetConfig-r16 ENUMERATED {true} OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

sl-LatencyBoundCSI-Report-r16 INTEGER (3..160) OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationSidelink-r16-IEs)

nonCriticalExtension RRCReconfigurationSidelink-v1700-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationSidelink-v1700-IEs)

sl-DRX-ConfigUC-PC5-r17 SetupRelease { SL-DRX-ConfigUC-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfigurationSidelink-v1700-IEs)

sl-LatencyBoundIUC-Report-r17 SetupRelease { SL-LatencyBoundIUC-Report-r17 } OPTIONAL, -- Need M

Name of the Sub\_IE: (RRCReconfigurationSidelink-v1700-IEs)

sl-RLC-ChannelToReleaseListPC5-r17 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-ChannelID-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfigurationSidelink-v1700-IEs)

sl-RLC-ChannelToAddModListPC5-r17 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-ChannelConfigPC5-r17 OPTIONAL, -- Need N

Name of the Sub\_IE: (RRCReconfigurationSidelink-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (SLRB-Config-r16)

slrb-PC5-ConfigIndex-r16 SLRB-PC5-ConfigIndex-r16,

Name of the Sub\_IE: (SLRB-Config-r16)

sl-SDAP-ConfigPC5-r16 SL-SDAP-ConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SLRB-Config-r16)

sl-PDCP-ConfigPC5-r16 SL-PDCP-ConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SLRB-Config-r16)

sl-RLC-ConfigPC5-r16 SL-RLC-ConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SLRB-Config-r16)

sl-MAC-LogicalChannelConfigPC5-r16 SL-LogicalChannelConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SLRB-Config-r16)

...

Name of the Sub\_IE: (SL-SDAP-ConfigPC5-r16)

sl-MappedQoS-FlowsToAddList-r16 SEQUENCE (SIZE (1.. maxNrofSL-QFIsPerDest-r16)) OF SL-PQFI-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-SDAP-ConfigPC5-r16)

sl-MappedQoS-FlowsToReleaseList-r16 SEQUENCE (SIZE (1.. maxNrofSL-QFIsPerDest-r16)) OF SL-PQFI-r16 OPTIONAL, -- Need N

Name of the Sub\_IE: (SL-SDAP-ConfigPC5-r16)

sl-SDAP-Header-r16 ENUMERATED {present, absent},

Name of the Sub\_IE: (SL-SDAP-ConfigPC5-r16)

...

Name of the Sub\_IE: (SL-PDCP-ConfigPC5-r16)

sl-PDCP-SN-Size-r16 ENUMERATED {len12bits, len18bits} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-PDCP-ConfigPC5-r16)

sl-OutOfOrderDelivery-r16 ENUMERATED { true } OPTIONAL, -- Need R

Name of the Sub\_IE: (SL-PDCP-ConfigPC5-r16)

...

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-AM-RLC-r16 SEQUENCE {

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-SN-FieldLengthAM-r16 SN-FieldLengthAM OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

...

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

},

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-UM-Bi-Directional-RLC-r16 SEQUENCE {

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-SN-FieldLengthUM-r16 SN-FieldLengthUM OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

...

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

},

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-UM-Uni-Directional-RLC-r16 SEQUENCE {

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

sl-SN-FieldLengthUM-r16 SN-FieldLengthUM OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RLC-ConfigPC5-r16)

...

Name of the Sub\_IE: (SL-LogicalChannelConfigPC5-r16)

sl-LogicalChannelIdentity-r16 LogicalChannelIdentity,

Name of the Sub\_IE: (SL-LogicalChannelConfigPC5-r16)

...

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

sl-CSI-RS-FreqAllocation-r16 CHOICE {

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

sl-OneAntennaPort-r16 BIT STRING (SIZE (12)),

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

sl-TwoAntennaPort-r16 BIT STRING (SIZE (6))

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

} OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

sl-CSI-RS-FirstSymbol-r16 INTEGER (3..12) OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-CSI-RS-Config-r16)

...

Name of the Sub\_IE: (SL-RLC-ChannelConfigPC5-r17)

sl-RLC-ChannelID-PC5-r17 SL-RLC-ChannelID-r17,

Name of the Sub\_IE: (SL-RLC-ChannelConfigPC5-r17)

sl-RLC-ConfigPC5-r17 SL-RLC-ConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RLC-ChannelConfigPC5-r17)

sl-MAC-LogicalChannelConfigPC5-r17 SL-LogicalChannelConfigPC5-r16 OPTIONAL, -- Need M

Name of the Sub\_IE: (SL-RLC-ChannelConfigPC5-r17)

...

Name of the IE: (RRCRECONFIGURATIONCOMPLETESIDELINK)

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink)

rrc-TransactionIdentifier-r16 RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink)

rrcReconfigurationCompleteSidelink-r16 RRCReconfigurationCompleteSidelink-r16-IEs,

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-r16-IEs)

nonCriticalExtension RRCReconfigurationCompleteSidelink-v1710-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-v1710-IEs)

dummy ENUMERATED {true},

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-v1710-IEs)

nonCriticalExtension RRCReconfigurationCompleteSidelink-v1720-IEs OPTIONAL

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-v1720-IEs)

sl-DRX-ConfigReject-v1720 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationCompleteSidelink-v1720-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (RRCRECONFIGURATIONFAILURESIDELINK)

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink)

rrc-TransactionIdentifier-r16 RRC-TransactionIdentifier,

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink)

rrcReconfigurationFailureSidelink-r16 RRCReconfigurationFailureSidelink-r16-IEs,

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (RRCReconfigurationFailureSidelink-r16-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UEASSISTANCEINFORMATIONSIDELINK)

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17)

ueAssistanceInformationSidelink-r17 UEAssistanceInformationSidelink-r17-IEs,

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17-IEs)

sl-PreferredDRX-ConfigList-r17 SEQUENCE (SIZE (1..maxNrofSL-RxInfoSet-r17)) OF SL-DRX-ConfigUC-SemiStatic-r17

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17-IEs)

OPTIONAL, -- Need R

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UEAssistanceInformationSidelink-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UECAPABILITYENQUIRYSIDELINK)

Name of the Sub\_IE: (UECapabilityEnquirySidelink)

rrc-TransactionIdentifier-r16 RRC-TransactionIdentifier,

Name of the Sub\_IE: (UECapabilityEnquirySidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UECapabilityEnquirySidelink)

ueCapabilityEnquirySidelink-r16 UECapabilityEnquirySidelink-r16-IEs,

Name of the Sub\_IE: (UECapabilityEnquirySidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UECapabilityEnquirySidelink-r16-IEs)

frequencyBandListFilterSidelink-r16 FreqBandList OPTIONAL, -- Need N

Name of the Sub\_IE: (UECapabilityEnquirySidelink-r16-IEs)

ue-CapabilityInformationSidelink-r16 OCTET STRING OPTIONAL, -- Need N

Name of the Sub\_IE: (UECapabilityEnquirySidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UECapabilityEnquirySidelink-r16-IEs)

nonCriticalExtension SEQUENCE{} OPTIONAL

Name of the IE: (UECAPABILITYINFORMATIONSIDELINK)

Name of the Sub\_IE: (UECapabilityInformationSidelink)

rrc-TransactionIdentifier-r16 RRC-TransactionIdentifier,

Name of the Sub\_IE: (UECapabilityInformationSidelink)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UECapabilityInformationSidelink)

ueCapabilityInformationSidelink-r16 UECapabilityInformationSidelink-r16-IEs,

Name of the Sub\_IE: (UECapabilityInformationSidelink)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

accessStratumReleaseSidelink-r16 AccessStratumReleaseSidelink-r16,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

pdcp-ParametersSidelink-r16 PDCP-ParametersSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

rlc-ParametersSidelink-r16 RLC-ParametersSidelink-r16 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

supportedBandCombinationListSidelinkNR-r16 BandCombinationListSidelinkNR-r16 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

supportedBandListSidelink-r16 SEQUENCE (SIZE (1..maxBands)) OF BandSidelinkPC5-r16 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

appliedFreqBandListFilter-r16 FreqBandList OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-r16-IEs)

nonCriticalExtension UECapabilityInformationSidelink-v1700-IEs OPTIONAL

Name of the Sub\_IE: (UECapabilityInformationSidelink-v1700-IEs)

mac-ParametersSidelink-r17 MAC-ParametersSidelink-r17 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-v1700-IEs)

supportedBandCombinationListSidelinkNR-v1710 BandCombinationListSidelinkNR-v1710 OPTIONAL,

Name of the Sub\_IE: (UECapabilityInformationSidelink-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (MAC-ParametersSidelink-r17)

drx-OnSidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (MAC-ParametersSidelink-r17)

...

Name of the Sub\_IE: (AccessStratumReleaseSidelink-r16)

AccessStratumReleaseSidelink-r16 ENUMERATED { rel16, rel17, spare6, spare5, spare4, spare3, spare2, spare1, ... }

Name of the Sub\_IE: (PDCP-ParametersSidelink-r16)

outOfOrderDeliverySidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (PDCP-ParametersSidelink-r16)

...

Name of the Sub\_IE: (BandCombinationListSidelinkNR-r16)

BandCombinationListSidelinkNR-r16 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationParametersSidelinkNR-r16

Name of the Sub\_IE: (BandCombinationListSidelinkNR-v1710)

BandCombinationListSidelinkNR-v1710 SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationParametersSidelinkNR-v1710

Name of the Sub\_IE: (BandCombinationParametersSidelinkNR-r16)

BandCombinationParametersSidelinkNR-r16 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelink-r16

Name of the Sub\_IE: (BandCombinationParametersSidelinkNR-v1710)

BandCombinationParametersSidelinkNR-v1710 SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandParametersSidelink-v1710

Name of the Sub\_IE: (BandParametersSidelink-v1710)

--32-5a-1

Name of the Sub\_IE: (BandParametersSidelink-v1710)

tx-IUC-Scheme1-Mode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandParametersSidelink-v1710)

--32-5b-1

Name of the Sub\_IE: (BandParametersSidelink-v1710)

tx-IUC-Scheme2-Mode2Sidelink-r17 ENUMERATED {n4, n8, n16} OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

freqBandSidelink-r16 FreqBandIndicatorNR,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-1

Name of the Sub\_IE: (BandSidelinkPC5-r16)

sl-Reception-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelinkPC5-r16)

harq-RxProcessSidelink-r16 ENUMERATED {n16, n24, n32, n64},

Name of the Sub\_IE: (BandSidelinkPC5-r16)

pscch-RxSidelink-r16 ENUMERATED {value1, value2},

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-CP-PatternRxSidelink-r16 CHOICE {

Name of the Sub\_IE: (BandSidelinkPC5-r16)

fr1-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-15kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-30kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

},

Name of the Sub\_IE: (BandSidelinkPC5-r16)

fr2-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-60kHz-r16 BIT STRING (SIZE (16)) OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scs-120kHz-r16 BIT STRING (SIZE (16)) OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

extendedCP-RxSidelink-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-10

Name of the Sub\_IE: (BandSidelinkPC5-r16)

sl-Tx-256QAM-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-12

Name of the Sub\_IE: (BandSidelinkPC5-r16)

lowSE-64QAM-MCS-TableSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

...,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

[[

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-14

Name of the Sub\_IE: (BandSidelinkPC5-r16)

csi-ReportSidelink-r16 SEQUENCE {

Name of the Sub\_IE: (BandSidelinkPC5-r16)

csi-RS-PortsSidelink-r16 ENUMERATED {p1, p2}

Name of the Sub\_IE: (BandSidelinkPC5-r16)

} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-19

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rankTwoReception-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--15-23

Name of the Sub\_IE: (BandSidelinkPC5-r16)

sl-openLoopPC-RSRP-ReportSidelink-r16 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--13-1

Name of the Sub\_IE: (BandSidelinkPC5-r16)

sl-Rx-256QAM-r16 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

]],

Name of the Sub\_IE: (BandSidelinkPC5-r16)

[[

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-5a-2

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rx-IUC-Scheme1-PreferredMode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-5a-3

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rx-IUC-Scheme1-NonPreferredMode2Sidelink-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-5b-2

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rx-IUC-Scheme2-Mode2Sidelink-r17 ENUMERATED {n5, n15, n25, n32, n35, n45, n50, n64} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-6-1

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rx-IUC-Scheme1-SCI-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-6-2

Name of the Sub\_IE: (BandSidelinkPC5-r16)

rx-IUC-Scheme1-SCI-ExplicitReq-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (BandSidelinkPC5-r16)

--32-7

Name of the Sub\_IE: (BandSidelinkPC5-r16)

scheme2-ConflictDeterminationRSRP-r17 ENUMERATED {supported} OPTIONAL

Name of the Sub\_IE: (BandSidelinkPC5-r16)

]]

Name of the IE: (UUMESSAGETRANSFERSIDELINK)

Name of the Sub\_IE: (UuMessageTransferSidelink-r17)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UuMessageTransferSidelink-r17)

uuMessageTransferSidelink-r17 UuMessageTransferSidelink-r17-IEs,

Name of the Sub\_IE: (UuMessageTransferSidelink-r17)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UuMessageTransferSidelink-r17-IEs)

sl-PagingDelivery-r17 OCTET STRING (CONTAINING PagingRecord) OPTIONAL, -- Need N

Name of the Sub\_IE: (UuMessageTransferSidelink-r17-IEs)

sl-SIB1-Delivery-r17 OCTET STRING (CONTAINING SIB1) OPTIONAL, -- Need N

Name of the Sub\_IE: (UuMessageTransferSidelink-r17-IEs)

sl-SystemInformationDelivery-r17 OCTET STRING (CONTAINING SystemInformation) OPTIONAL, -- Need N

Name of the Sub\_IE: (UuMessageTransferSidelink-r17-IEs)

lateNonCriticalExtension OCTET STRING OPTIONAL,

Name of the Sub\_IE: (UuMessageTransferSidelink-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (VARCONDITIONALRECONFIG)

Name of the Sub\_IE: (VarConditionalReconfig)

condReconfigList CondReconfigToAddModList-r16 OPTIONAL

Name of the IE: (VARCONNESTFAILREPORT)

Name of the Sub\_IE: (VarConnEstFailReport-r16)

connEstFailReport-r16 ConnEstFailReport-r16,

Name of the Sub\_IE: (VarConnEstFailReport-r16)

plmn-Identity-r16 PLMN-Identity

Name of the IE: (VARCONNESTFAILREPORTLIST)

Name of the Sub\_IE: (VarConnEstFailReportList-r17)

connEstFailReportList-r17 SEQUENCE (SIZE (1..maxCEFReport-r17)) OF VarConnEstFailReport-r16

Name of the IE: (VARLOGMEASCONFIG)

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

areaConfiguration-r16 AreaConfiguration-r16 OPTIONAL,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

bt-NameList-r16 BT-NameList-r16 OPTIONAL,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

wlan-NameList-r16 WLAN-NameList-r16 OPTIONAL,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

sensor-NameList-r16 Sensor-NameList-r16 OPTIONAL,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

loggingDuration-r16 LoggingDuration-r16,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

reportType CHOICE {

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

periodical LoggedPeriodicalReportConfig-r16,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

eventTriggered LoggedEventTriggerConfig-r16

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

},

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

earlyMeasIndication-r17 ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VarLogMeasConfig-r16-IEs)

areaConfiguration-v1700 AreaConfiguration-v1700 OPTIONAL

Name of the IE: (VARLOGMEASREPORT)

Name of the Sub\_IE: (VarLogMeasReport-r16)

absoluteTimeInfo-r16 AbsoluteTimeInfo-r16,

Name of the Sub\_IE: (VarLogMeasReport-r16)

traceReference-r16 TraceReference-r16,

Name of the Sub\_IE: (VarLogMeasReport-r16)

traceRecordingSessionRef-r16 OCTET STRING (SIZE (2)),

Name of the Sub\_IE: (VarLogMeasReport-r16)

tce-Id-r16 OCTET STRING (SIZE (1)),

Name of the Sub\_IE: (VarLogMeasReport-r16)

logMeasInfoList-r16 LogMeasInfoList-r16,

Name of the Sub\_IE: (VarLogMeasReport-r16)

plmn-IdentityList-r16 PLMN-IdentityList2-r16,

Name of the Sub\_IE: (VarLogMeasReport-r16)

sigLoggedMeasType-r17 ENUMERATED {true}

Name of the IE: (VARMEASCONFIG)

Name of the Sub\_IE: (VarMeasConfig)

-- Measurement identities

Name of the Sub\_IE: (VarMeasConfig)

measIdList MeasIdToAddModList OPTIONAL,

Name of the Sub\_IE: (VarMeasConfig)

-- Measurement objects

Name of the Sub\_IE: (VarMeasConfig)

measObjectList MeasObjectToAddModList OPTIONAL,

Name of the Sub\_IE: (VarMeasConfig)

-- Reporting configurations

Name of the Sub\_IE: (VarMeasConfig)

reportConfigList ReportConfigToAddModList OPTIONAL,

Name of the Sub\_IE: (VarMeasConfig)

-- Other parameters

Name of the Sub\_IE: (VarMeasConfig)

quantityConfig QuantityConfig OPTIONAL,

Name of the Sub\_IE: (VarMeasConfig)

s-MeasureConfig CHOICE {

Name of the Sub\_IE: (VarMeasConfig)

ssb-RSRP RSRP-Range,

Name of the Sub\_IE: (VarMeasConfig)

csi-RSRP RSRP-Range

Name of the Sub\_IE: (VarMeasConfig)

} OPTIONAL

Name of the IE: (VARMEASCONFIGSL)

Name of the Sub\_IE: (VarMeasConfigSL-r16)

-- NR sidelink measurement identities

Name of the Sub\_IE: (VarMeasConfigSL-r16)

sl-MeasIdList-r16 SL-MeasIdList-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasConfigSL-r16)

-- NR sidelink measurement objects

Name of the Sub\_IE: (VarMeasConfigSL-r16)

sl-MeasObjectList-r16 SL-MeasObjectList-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasConfigSL-r16)

-- NR sidelink reporting configurations

Name of the Sub\_IE: (VarMeasConfigSL-r16)

sl-reportConfigList-r16 SL-ReportConfigList-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasConfigSL-r16)

-- Other parameters

Name of the Sub\_IE: (VarMeasConfigSL-r16)

sl-QuantityConfig-r16 SL-QuantityConfig-r16 OPTIONAL

Name of the IE: (VARMEASIDLECONFIG)

Name of the Sub\_IE: (VarMeasIdleConfig-r16)

measIdleCarrierListNR-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierNR-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasIdleConfig-r16)

measIdleCarrierListEUTRA-r16 SEQUENCE (SIZE (1..maxFreqIdle-r16)) OF MeasIdleCarrierEUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasIdleConfig-r16)

measIdleDuration-r16 ENUMERATED {sec10, sec30, sec60, sec120, sec180, sec240, sec300, spare},

Name of the Sub\_IE: (VarMeasIdleConfig-r16)

validityAreaList-r16 ValidityAreaList-r16 OPTIONAL

Name of the IE: (VARMEASIDLEREPORT)

Name of the Sub\_IE: (VarMeasIdleReport-r16)

measReportIdleNR-r16 MeasResultIdleNR-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasIdleReport-r16)

measReportIdleEUTRA-r16 MeasResultIdleEUTRA-r16 OPTIONAL

Name of the IE: (VARMEASREPORTLIST)

Name of the Sub\_IE: (VarMeasReportList)

VarMeasReportList SEQUENCE (SIZE (1..maxNrofMeasId)) OF VarMeasReport

Name of the Sub\_IE: (VarMeasReport)

-- List of measurement that have been triggered

Name of the Sub\_IE: (VarMeasReport)

measId MeasId,

Name of the Sub\_IE: (VarMeasReport)

cellsTriggeredList CellsTriggeredList OPTIONAL,

Name of the Sub\_IE: (VarMeasReport)

numberOfReportsSent INTEGER,

Name of the Sub\_IE: (VarMeasReport)

cli-TriggeredList-r16 CLI-TriggeredList-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasReport)

tx-PoolMeasToAddModListNR-r16 Tx-PoolMeasList-r16 OPTIONAL,

Name of the Sub\_IE: (VarMeasReport)

relaysTriggeredList-r17 RelaysTriggeredList-r17 OPTIONAL

Name of the Sub\_IE: (CellsTriggeredList)

CellsTriggeredList SEQUENCE (SIZE (1..maxNrofCellMeas)) OF CHOICE {

Name of the Sub\_IE: (CellsTriggeredList)

physCellId PhysCellId,

Name of the Sub\_IE: (CellsTriggeredList)

physCellIdEUTRA EUTRA-PhysCellId,

Name of the Sub\_IE: (CellsTriggeredList)

physCellIdUTRA-FDD-r16 PhysCellIdUTRA-FDD-r16

Name of the Sub\_IE: (CLI-TriggeredList-r16)

srs-RSRP-TriggeredList-r16 SRS-RSRP-TriggeredList-r16,

Name of the Sub\_IE: (CLI-TriggeredList-r16)

cli-RSSI-TriggeredList-r16 CLI-RSSI-TriggeredList-r16

Name of the Sub\_IE: (SRS-RSRP-TriggeredList-r16)

SRS-RSRP-TriggeredList-r16 SEQUENCE (SIZE (1.. maxNrofCLI-SRS-Resources-r16)) OF SRS-ResourceId

Name of the Sub\_IE: (CLI-RSSI-TriggeredList-r16)

CLI-RSSI-TriggeredList-r16 SEQUENCE (SIZE (1.. maxNrofCLI-RSSI-Resources-r16)) OF RSSI-ResourceId-r16

Name of the Sub\_IE: (RelaysTriggeredList-r17)

RelaysTriggeredList-r17 SEQUENCE (SIZE (1.. maxNrofRelayMeas-r17)) OF SL-SourceIdentity-r17

Name of the IE: (VARMEASREPORTLISTSL)

Name of the Sub\_IE: (VarMeasReportListSL-r16)

VarMeasReportListSL-r16 SEQUENCE (SIZE (1..maxNrofSL-MeasId-r16)) OF VarMeasReportSL-r16

Name of the Sub\_IE: (VarMeasReportSL-r16)

-- List of NR sidelink measurement that have been triggered

Name of the Sub\_IE: (VarMeasReportSL-r16)

sl-MeasId-r16 SL-MeasId-r16,

Name of the Sub\_IE: (VarMeasReportSL-r16)

sl-FrequencyTriggeredList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (VarMeasReportSL-r16)

sl-NumberOfReportsSent-r16 INTEGER

Name of the IE: (VARMOBILITYHISTORYREPORT)

Name of the Sub\_IE: (VarMobilityHistoryReport-r17)

visitedCellInfoList-r16 VisitedCellInfoList-r16,

Name of the Sub\_IE: (VarMobilityHistoryReport-r17)

visitedPSCellInfoListReport-r17 VisitedPSCellInfoList-r17 OPTIONAL

Name of the IE: (VARPENDINGRNA-UPDATE)

Name of the Sub\_IE: (VarPendingRNA-Update)

pendingRNA-Update BOOLEAN OPTIONAL

Name of the IE: (VARRA-REPORT)

Name of the Sub\_IE: (VarRA-Report-r16)

ra-ReportList-r16 RA-ReportList-r16,

Name of the Sub\_IE: (VarRA-Report-r16)

plmn-IdentityList-r16 PLMN-IdentityList-r16

Name of the Sub\_IE: (PLMN-IdentityList-r16)

PLMN-IdentityList-r16 SEQUENCE (SIZE (1..maxPLMN)) OF PLMN-Identity

Name of the IE: (VARRESUMEMAC-INPUT)

Name of the Sub\_IE: (VarResumeMAC-Input)

sourcePhysCellId PhysCellId,

Name of the Sub\_IE: (VarResumeMAC-Input)

targetCellIdentity CellIdentity,

Name of the Sub\_IE: (VarResumeMAC-Input)

source-c-RNTI RNTI-Value

Name of the IE: (VARRLF-REPORT)

Name of the Sub\_IE: (VarRLF-Report-r16)

rlf-Report-r16 RLF-Report-r16,

Name of the Sub\_IE: (VarRLF-Report-r16)

plmn-IdentityList-r16 PLMN-IdentityList2-r16

Name of the IE: (VARSHORTMAC-INPUT)

Name of the Sub\_IE: (VarShortMAC-Input)

sourcePhysCellId PhysCellId,

Name of the Sub\_IE: (VarShortMAC-Input)

targetCellIdentity CellIdentity,

Name of the Sub\_IE: (VarShortMAC-Input)

source-c-RNTI RNTI-Value

Name of the IE: (VARSUCCESSHO-Report)

Name of the Sub\_IE: (VarSuccessHO-Report-r17-IEs)

successHO-Report-r17 SuccessHO-Report-r17,

Name of the Sub\_IE: (VarSuccessHO-Report-r17-IEs)

plmn-IdentityList-r17 PLMN-IdentityList2-r16

Name of the IE: (NR-SIDELINK-PRECONF-DEFINITIONS)

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

BEGIN

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

IMPORTS

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-RemoteUE-Config-r17,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-DRX-ConfigGC-BC-r17,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-FreqConfigCommon-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-RadioBearerConfig-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-RLC-BearerConfig-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-EUTRA-AnchorCarrierFreqList-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-NR-AnchorCarrierFreqList-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-MeasConfigCommon-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

SL-UE-SelectedConfig-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

TDD-UL-DL-ConfigCommon,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

maxNrofFreqSL-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

maxNrofSLRB-r16,

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

maxSL-LCID-r16

Name of the Sub\_IE: (NR-Sidelink-Preconf DEFINITIONS AUTOMATIC TAGS)

FROM NR-RRC-Definitions;

Name of the IE: (SL-PRECONFIGURATIONNR)

Name of the Sub\_IE: (SL-PreconfigurationNR-r16)

sidelinkPreconfigNR-r16 SidelinkPreconfigNR-r16,

Name of the Sub\_IE: (SL-PreconfigurationNR-r16)

...

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-PreconfigFreqInfoList-r16 SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF SL-FreqConfigCommon-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-PreconfigNR-AnchorCarrierFreqList-r16 SL-NR-AnchorCarrierFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-PreconfigEUTRA-AnchorCarrierFreqList-r16 SL-EUTRA-AnchorCarrierFreqList-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-RadioBearerPreConfigList-r16 SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF SL-RadioBearerConfig-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-RLC-BearerPreConfigList-r16 SEQUENCE (SIZE (1..maxSL-LCID-r16)) OF SL-RLC-BearerConfig-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-MeasPreConfig-r16 SL-MeasConfigCommon-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-OffsetDFN-r16 INTEGER (1..1000) OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

t400-r16 ENUMERATED{ms100, ms200, ms300, ms400, ms600, ms1000, ms1500, ms2000} OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-MaxNumConsecutiveDTX-r16 ENUMERATED {n1, n2, n3, n4, n6, n8, n16, n32} OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-SSB-PriorityNR-r16 INTEGER (1..8) OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-PreconfigGeneral-r16 SL-PreconfigGeneral-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-UE-SelectedPreConfig-r16 SL-UE-SelectedConfig-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-CSI-Acquisition-r16 ENUMERATED {enabled} OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-RoHC-Profiles-r16 SL-RoHC-Profiles-r16 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-MaxCID-r16 INTEGER (1..16383) DEFAULT 15,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

...,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

[[

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-DRX-PreConfigGC-BC-r17 SL-DRX-ConfigGC-BC-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-TxProfileList-r17 SL-TxProfileList-r17 OPTIONAL,

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

sl-PreconfigDiscConfig-r17 SL-RemoteUE-Config-r17 OPTIONAL

Name of the Sub\_IE: (SidelinkPreconfigNR-r16)

]]

Name of the Sub\_IE: (SL-TxProfileList-r17)

SL-TxProfileList-r17 SEQUENCE (SIZE (1..256)) OF SL-TxProfile-r17

Name of the Sub\_IE: (SL-TxProfile-r17)

SL-TxProfile-r17 ENUMERATED {drx-Compatible, drx-Incompatible, spare6, spare5, spare4, spare3,spare2, spare1}

Name of the Sub\_IE: (SL-PreconfigGeneral-r16)

sl-TDD-Configuration-r16 TDD-UL-DL-ConfigCommon OPTIONAL,

Name of the Sub\_IE: (SL-PreconfigGeneral-r16)

reservedBits-r16 BIT STRING (SIZE (2)) OPTIONAL,

Name of the Sub\_IE: (SL-PreconfigGeneral-r16)

...

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0001-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0002-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0003-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0004-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0006-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0101-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0102-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0103-r16 BOOLEAN,

Name of the Sub\_IE: (SL-RoHC-Profiles-r16)

profile0x0104-r16 BOOLEAN

Name of the IE: (SL-ACCESSINFO-L2U2N)

Name of the Sub\_IE: (NR-Sidelink-DiscoveryMessage DEFINITIONS AUTOMATIC TAGS)

BEGIN

Name of the Sub\_IE: (NR-Sidelink-DiscoveryMessage DEFINITIONS AUTOMATIC TAGS)

IMPORTS

Name of the Sub\_IE: (NR-Sidelink-DiscoveryMessage DEFINITIONS AUTOMATIC TAGS)

CellAccessRelatedInfo,

Name of the Sub\_IE: (NR-Sidelink-DiscoveryMessage DEFINITIONS AUTOMATIC TAGS)

SL-ServingCellInfo-r17

Name of the Sub\_IE: (NR-Sidelink-DiscoveryMessage DEFINITIONS AUTOMATIC TAGS)

FROM NR-RRC-Definitions;

Name of the Sub\_IE: (SL-AccessInfo-L2U2N-r17)

cellAccessRelatedInfo-r17 CellAccessRelatedInfo,

Name of the Sub\_IE: (SL-AccessInfo-L2U2N-r17)

sl-ServingCellInfo-r17 SL-ServingCellInfo-r17,

Name of the Sub\_IE: (SL-AccessInfo-L2U2N-r17)

...

Name of the Sub\_IE: (SL-AccessInfo-L2U2N-r17)

END

Name of the IE: (NR-INTER-NODE-DEFINITIONS)

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

BEGIN

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

IMPORTS

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

ARFCN-ValueNR,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

ARFCN-ValueEUTRA,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CellIdentity,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CGI-InfoEUTRA,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CGI-InfoNR,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CondReconfigExecCondSCG-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CSI-RS-Index,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

CSI-RS-CellMobility,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

DRX-Config,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

EUTRA-PhysCellId,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

FeatureSetDownlinkPerCC-Id,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

FeatureSetUplinkPerCC-Id,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

FreqBandIndicatorNR,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

GapConfig,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxBandComb,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxBands,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxBandsEUTRA,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxCellSFTD,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxFeatureSetsPerBand,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxFreq,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxFreqIDC-MRDC,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofCombIDC,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofCondCells-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofCondCells-1-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofPhysicalResourceBlocks,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofSCells,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofServingCells,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofServingCells-1,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofServingCellsEUTRA,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofIndexesToReport,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxSimultaneousBands,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MBSInterestIndication-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasQuantityResults,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasResultCellListSFTD-EUTRA,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasResultCellListSFTD-NR,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasResultList2NR,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasResultSCG-Failure,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

MeasResultServFreqListEUTRA-SCG,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

NeedForGapsInfoNR-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

NeedForGapNCSG-InfoNR-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

NeedForGapNCSG-InfoEUTRA-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

OverheatingAssistance,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

OverheatingAssistance-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

P-Max,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

PhysCellId,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

RadioBearerConfig,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

RAN-NotificationAreaInfo,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

RRCReconfiguration,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

ServCellIndex,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SetupRelease,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SSB-Index,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SSB-MTC,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SSB-ToMeasure,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SS-RSSI-Measurement,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

ShortMAC-I,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SubcarrierSpacing,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

UEAssistanceInformation,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

UE-CapabilityRAT-ContainerList,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofCLI-RSSI-Resources-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

maxNrofCLI-SRS-Resources-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

RSSI-ResourceId-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SDT-Config-r17,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SidelinkUEInformationNR-r16,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

SRS-ResourceId,

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

UE-RadioPagingInfo-r17

Name of the Sub\_IE: (NR-InterNodeDefinitions DEFINITIONS AUTOMATIC TAGS)

FROM NR-RRC-Definitions;

Name of the IE: (CG-CANDIDATELIST)

Name of the Sub\_IE: (CG-CandidateList)

criticalExtensions CHOICE {

Name of the Sub\_IE: (CG-CandidateList)

c1 CHOICE{

Name of the Sub\_IE: (CG-CandidateList)

cg-CandidateList-r17 CG-CandidateList-r17-IEs,

Name of the Sub\_IE: (CG-CandidateList)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (CG-CandidateList)

},

Name of the Sub\_IE: (CG-CandidateList)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (CG-CandidateList-r17-IEs)

cg-CandidateToAddModList-r17 SEQUENCE (SIZE (1..maxNrofCondCells-r16)) OF CG-CandidateInfo-r17 OPTIONAL,

Name of the Sub\_IE: (CG-CandidateList-r17-IEs)

cg-CandidateToReleaseList-r17 SEQUENCE (SIZE (1..maxNrofCondCells-r16)) OF CG-CandidateInfoId-r17 OPTIONAL,

Name of the Sub\_IE: (CG-CandidateList-r17-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (CG-CandidateInfo-r17)

cg-CandidateInfoId-r17 CG-CandidateInfoId-r17,

Name of the Sub\_IE: (CG-CandidateInfo-r17)

candidateCG-Config-r17 OCTET STRING (CONTAINING CG-Config)

Name of the Sub\_IE: (CG-CandidateInfoId-r17)

ssbFrequency-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (CG-CandidateInfoId-r17)

physCellId-r17 PhysCellId

Name of the IE: (HANDOVER-COMMAND)

Name of the Sub\_IE: (HandoverCommand)

criticalExtensions CHOICE {

Name of the Sub\_IE: (HandoverCommand)

c1 CHOICE{

Name of the Sub\_IE: (HandoverCommand)

handoverCommand HandoverCommand-IEs,

Name of the Sub\_IE: (HandoverCommand)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (HandoverCommand)

},

Name of the Sub\_IE: (HandoverCommand)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (HandoverCommand-IEs)

handoverCommandMessage OCTET STRING (CONTAINING RRCReconfiguration),

Name of the Sub\_IE: (HandoverCommand-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (HANDOVER-PREPARATION-INFORMATION)

Name of the Sub\_IE: (HandoverPreparationInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (HandoverPreparationInformation)

c1 CHOICE{

Name of the Sub\_IE: (HandoverPreparationInformation)

handoverPreparationInformation HandoverPreparationInformation-IEs,

Name of the Sub\_IE: (HandoverPreparationInformation)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (HandoverPreparationInformation)

},

Name of the Sub\_IE: (HandoverPreparationInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (HandoverPreparationInformation-IEs)

ue-CapabilityRAT-List UE-CapabilityRAT-ContainerList,

Name of the Sub\_IE: (HandoverPreparationInformation-IEs)

sourceConfig AS-Config OPTIONAL, -- Cond HO

Name of the Sub\_IE: (HandoverPreparationInformation-IEs)

rrm-Config RRM-Config OPTIONAL,

Name of the Sub\_IE: (HandoverPreparationInformation-IEs)

as-Context AS-Context OPTIONAL,

Name of the Sub\_IE: (HandoverPreparationInformation-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (AS-Config)

rrcReconfiguration OCTET STRING (CONTAINING RRCReconfiguration),

Name of the Sub\_IE: (AS-Config)

...,

Name of the Sub\_IE: (AS-Config)

[[

Name of the Sub\_IE: (AS-Config)

sourceRB-SN-Config OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL,

Name of the Sub\_IE: (AS-Config)

sourceSCG-NR-Config OCTET STRING (CONTAINING RRCReconfiguration) OPTIONAL,

Name of the Sub\_IE: (AS-Config)

sourceSCG-EUTRA-Config OCTET STRING OPTIONAL

Name of the Sub\_IE: (AS-Config)

]],

Name of the Sub\_IE: (AS-Config)

[[

Name of the Sub\_IE: (AS-Config)

sourceSCG-Configured ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (AS-Config)

]],

Name of the Sub\_IE: (AS-Config)

[[

Name of the Sub\_IE: (AS-Config)

sdt-Config-r17 SDT-Config-r17 OPTIONAL

Name of the Sub\_IE: (AS-Config)

]]

Name of the Sub\_IE: (AS-Context)

reestablishmentInfo ReestablishmentInfo OPTIONAL,

Name of the Sub\_IE: (AS-Context)

configRestrictInfo ConfigRestrictInfoSCG OPTIONAL,

Name of the Sub\_IE: (AS-Context)

...,

Name of the Sub\_IE: (AS-Context)

[[ ran-NotificationAreaInfo RAN-NotificationAreaInfo OPTIONAL

Name of the Sub\_IE: (AS-Context)

]],

Name of the Sub\_IE: (AS-Context)

[[ ueAssistanceInformation OCTET STRING (CONTAINING UEAssistanceInformation) OPTIONAL -- Cond HO2

Name of the Sub\_IE: (AS-Context)

]],

Name of the Sub\_IE: (AS-Context)

[[

Name of the Sub\_IE: (AS-Context)

selectedBandCombinationSN BandCombinationInfoSN OPTIONAL

Name of the Sub\_IE: (AS-Context)

]],

Name of the Sub\_IE: (AS-Context)

[[

Name of the Sub\_IE: (AS-Context)

configRestrictInfoDAPS-r16 ConfigRestrictInfoDAPS-r16 OPTIONAL,

Name of the Sub\_IE: (AS-Context)

sidelinkUEInformationNR-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (AS-Context)

sidelinkUEInformationEUTRA-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (AS-Context)

ueAssistanceInformationEUTRA-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (AS-Context)

ueAssistanceInformationSCG-r16 OCTET STRING (CONTAINING UEAssistanceInformation) OPTIONAL, -- Cond HO2

Name of the Sub\_IE: (AS-Context)

needForGapsInfoNR-r16 NeedForGapsInfoNR-r16 OPTIONAL

Name of the Sub\_IE: (AS-Context)

]],

Name of the Sub\_IE: (AS-Context)

[[

Name of the Sub\_IE: (AS-Context)

configRestrictInfoDAPS-v1640 ConfigRestrictInfoDAPS-v1640 OPTIONAL

Name of the Sub\_IE: (AS-Context)

]],

Name of the Sub\_IE: (AS-Context)

[[

Name of the Sub\_IE: (AS-Context)

needForGapNCSG-InfoNR-r17 NeedForGapNCSG-InfoNR-r17 OPTIONAL,

Name of the Sub\_IE: (AS-Context)

needForGapNCSG-InfoEUTRA-r17 NeedForGapNCSG-InfoEUTRA-r17 OPTIONAL,

Name of the Sub\_IE: (AS-Context)

mbsInterestIndication-r17 OCTET STRING (CONTAINING MBSInterestIndication-r17) OPTIONAL

Name of the Sub\_IE: (AS-Context)

]]

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-r16)

powerCoordination-r16 SEQUENCE {

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-r16)

p-DAPS-Source-r16 P-Max,

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-r16)

p-DAPS-Target-r16 P-Max,

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-r16)

uplinkPowerSharingDAPS-Mode-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic }

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-r16)

} OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-v1640)

sourceFeatureSetPerDownlinkCC-r16 FeatureSetDownlinkPerCC-Id,

Name of the Sub\_IE: (ConfigRestrictInfoDAPS-v1640)

sourceFeatureSetPerUplinkCC-r16 FeatureSetUplinkPerCC-Id

Name of the Sub\_IE: (ReestablishmentInfo)

sourcePhysCellId PhysCellId,

Name of the Sub\_IE: (ReestablishmentInfo)

targetCellShortMAC-I ShortMAC-I,

Name of the Sub\_IE: (ReestablishmentInfo)

additionalReestabInfoList ReestabNCellInfoList OPTIONAL

Name of the Sub\_IE: (ReestabNCellInfoList)

ReestabNCellInfoList SEQUENCE ( SIZE (1..maxCellPrep) ) OF ReestabNCellInfo

Name of the Sub\_IE: (ReestabNCellInfo)

cellIdentity CellIdentity,

Name of the Sub\_IE: (ReestabNCellInfo)

key-gNodeB-Star BIT STRING (SIZE (256)),

Name of the Sub\_IE: (ReestabNCellInfo)

shortMAC-I ShortMAC-I

Name of the Sub\_IE: (RRM-Config)

ue-InactiveTime ENUMERATED {

Name of the Sub\_IE: (RRM-Config)

s1, s2, s3, s5, s7, s10, s15, s20,

Name of the Sub\_IE: (RRM-Config)

s25, s30, s40, s50, min1, min1s20, min1s40,

Name of the Sub\_IE: (RRM-Config)

min2, min2s30, min3, min3s30, min4, min5, min6,

Name of the Sub\_IE: (RRM-Config)

min7, min8, min9, min10, min12, min14, min17, min20,

Name of the Sub\_IE: (RRM-Config)

min24, min28, min33, min38, min44, min50, hr1,

Name of the Sub\_IE: (RRM-Config)

hr1min30, hr2, hr2min30, hr3, hr3min30, hr4, hr5, hr6,

Name of the Sub\_IE: (RRM-Config)

hr8, hr10, hr13, hr16, hr20, day1, day1hr12, day2,

Name of the Sub\_IE: (RRM-Config)

day2hr12, day3, day4, day5, day7, day10, day14, day19,

Name of the Sub\_IE: (RRM-Config)

day24, day30, dayMoreThan30} OPTIONAL,

Name of the Sub\_IE: (RRM-Config)

candidateCellInfoList MeasResultList2NR OPTIONAL,

Name of the Sub\_IE: (RRM-Config)

...,

Name of the Sub\_IE: (RRM-Config)

[[

Name of the Sub\_IE: (RRM-Config)

candidateCellInfoListSN-EUTRA MeasResultServFreqListEUTRA-SCG OPTIONAL

Name of the Sub\_IE: (RRM-Config)

]]

Name of the IE: (CG-CONFIG)

Name of the Sub\_IE: (CG-Config)

criticalExtensions CHOICE {

Name of the Sub\_IE: (CG-Config)

c1 CHOICE{

Name of the Sub\_IE: (CG-Config)

cg-Config CG-Config-IEs,

Name of the Sub\_IE: (CG-Config)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (CG-Config)

},

Name of the Sub\_IE: (CG-Config)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (CG-Config-IEs)

scg-CellGroupConfig OCTET STRING (CONTAINING RRCReconfiguration) OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

scg-RB-Config OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

configRestrictModReq ConfigRestrictModReqSCG OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

drx-InfoSCG DRX-Info OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

candidateCellInfoListSN OCTET STRING (CONTAINING MeasResultList2NR) OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

measConfigSN MeasConfigSN OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

selectedBandCombination BandCombinationInfoSN OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

fr-InfoListSCG FR-InfoList OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

candidateServingFreqListNR CandidateServingFreqListNR OPTIONAL,

Name of the Sub\_IE: (CG-Config-IEs)

nonCriticalExtension CG-Config-v1540-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1540-IEs)

pSCellFrequency ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1540-IEs)

reportCGI-RequestNR SEQUENCE {

Name of the Sub\_IE: (CG-Config-v1540-IEs)

requestedCellInfo SEQUENCE {

Name of the Sub\_IE: (CG-Config-v1540-IEs)

ssbFrequency ARFCN-ValueNR,

Name of the Sub\_IE: (CG-Config-v1540-IEs)

cellForWhichToReportCGI PhysCellId

Name of the Sub\_IE: (CG-Config-v1540-IEs)

} OPTIONAL

Name of the Sub\_IE: (CG-Config-v1540-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1540-IEs)

ph-InfoSCG PH-TypeListSCG OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1540-IEs)

nonCriticalExtension CG-Config-v1560-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1560-IEs)

pSCellFrequencyEUTRA ARFCN-ValueEUTRA OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

scg-CellGroupConfigEUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

candidateCellInfoListSN-EUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

candidateServingFreqListEUTRA CandidateServingFreqListEUTRA OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

needForGaps ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

drx-ConfigSCG DRX-Config OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

reportCGI-RequestEUTRA SEQUENCE {

Name of the Sub\_IE: (CG-Config-v1560-IEs)

requestedCellInfoEUTRA SEQUENCE {

Name of the Sub\_IE: (CG-Config-v1560-IEs)

eutraFrequency ARFCN-ValueEUTRA,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

cellForWhichToReportCGI-EUTRA EUTRA-PhysCellId

Name of the Sub\_IE: (CG-Config-v1560-IEs)

} OPTIONAL

Name of the Sub\_IE: (CG-Config-v1560-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1560-IEs)

nonCriticalExtension CG-Config-v1590-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1590-IEs)

scellFrequenciesSN-NR SEQUENCE (SIZE (1.. maxNrofServingCells-1)) OF ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1590-IEs)

scellFrequenciesSN-EUTRA SEQUENCE (SIZE (1.. maxNrofServingCells-1)) OF ARFCN-ValueEUTRA OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1590-IEs)

nonCriticalExtension CG-Config-v1610-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1610-IEs)

drx-InfoSCG2 DRX-Info2 OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1610-IEs)

nonCriticalExtension CG-Config-v1620-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1620-IEs)

ueAssistanceInformationSCG-r16 OCTET STRING (CONTAINING UEAssistanceInformation) OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1620-IEs)

nonCriticalExtension CG-Config-v1630-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1630-IEs)

selectedToffset-r16 T-Offset-r16 OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1630-IEs)

nonCriticalExtension CG-Config-v1640-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1640-IEs)

servCellInfoListSCG-NR-r16 ServCellInfoListSCG-NR-r16 OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1640-IEs)

servCellInfoListSCG-EUTRA-r16 ServCellInfoListSCG-EUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1640-IEs)

nonCriticalExtension CG-Config-v1700-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1700-IEs)

candidateCellInfoListCPC-r17 CandidateCellInfoListCPC-r17 OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1700-IEs)

twoPHRModeSCG-r17 ENUMERATED {enabled} OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1700-IEs)

nonCriticalExtension CG-Config-v1730-IEs OPTIONAL

Name of the Sub\_IE: (CG-Config-v1730-IEs)

fr1-Carriers-SCG-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1730-IEs)

fr2-Carriers-SCG-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (CG-Config-v1730-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (ServCellInfoListSCG-NR-r16)

ServCellInfoListSCG-NR-r16 SEQUENCE (SIZE (1.. maxNrofServingCells)) OF ServCellInfoXCG-NR-r16

Name of the Sub\_IE: (ServCellInfoXCG-NR-r16)

dl-FreqInfo-NR-r16 FrequencyConfig-NR-r16 OPTIONAL,

Name of the Sub\_IE: (ServCellInfoXCG-NR-r16)

ul-FreqInfo-NR-r16 FrequencyConfig-NR-r16 OPTIONAL, -- Cond FDD

Name of the Sub\_IE: (ServCellInfoXCG-NR-r16)

...

Name of the Sub\_IE: (FrequencyConfig-NR-r16)

freqBandIndicatorNR-r16 FreqBandIndicatorNR,

Name of the Sub\_IE: (FrequencyConfig-NR-r16)

carrierCenterFreq-NR-r16 ARFCN-ValueNR,

Name of the Sub\_IE: (FrequencyConfig-NR-r16)

carrierBandwidth-NR-r16 INTEGER (1..maxNrofPhysicalResourceBlocks),

Name of the Sub\_IE: (FrequencyConfig-NR-r16)

subcarrierSpacing-NR-r16 SubcarrierSpacing

Name of the Sub\_IE: (ServCellInfoListSCG-EUTRA-r16)

ServCellInfoListSCG-EUTRA-r16 SEQUENCE (SIZE (1.. maxNrofServingCellsEUTRA)) OF ServCellInfoXCG-EUTRA-r16

Name of the Sub\_IE: (ServCellInfoXCG-EUTRA-r16)

dl-CarrierFreq-EUTRA-r16 ARFCN-ValueEUTRA OPTIONAL,

Name of the Sub\_IE: (ServCellInfoXCG-EUTRA-r16)

ul-CarrierFreq-EUTRA-r16 ARFCN-ValueEUTRA OPTIONAL, -- Cond FDD

Name of the Sub\_IE: (ServCellInfoXCG-EUTRA-r16)

transmissionBandwidth-EUTRA-r16 TransmissionBandwidth-EUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (ServCellInfoXCG-EUTRA-r16)

...

Name of the Sub\_IE: (TransmissionBandwidth-EUTRA-r16)

TransmissionBandwidth-EUTRA-r16 ENUMERATED {rb6, rb15, rb25, rb50, rb75, rb100}

Name of the Sub\_IE: (PH-TypeListSCG)

PH-TypeListSCG SEQUENCE (SIZE (1..maxNrofServingCells)) OF PH-InfoSCG

Name of the Sub\_IE: (PH-InfoSCG)

servCellIndex ServCellIndex,

Name of the Sub\_IE: (PH-InfoSCG)

ph-Uplink PH-UplinkCarrierSCG,

Name of the Sub\_IE: (PH-InfoSCG)

ph-SupplementaryUplink PH-UplinkCarrierSCG OPTIONAL,

Name of the Sub\_IE: (PH-InfoSCG)

...,

Name of the Sub\_IE: (PH-InfoSCG)

[[

Name of the Sub\_IE: (PH-InfoSCG)

twoSRS-PUSCH-Repetition-r17 ENUMERATED{enabled} OPTIONAL

Name of the Sub\_IE: (PH-InfoSCG)

]]

Name of the Sub\_IE: (PH-UplinkCarrierSCG)

ph-Type1or3 ENUMERATED {type1, type3},

Name of the Sub\_IE: (PH-UplinkCarrierSCG)

...

Name of the Sub\_IE: (MeasConfigSN)

measuredFrequenciesSN SEQUENCE (SIZE (1..maxMeasFreqsSN)) OF NR-FreqInfo OPTIONAL,

Name of the Sub\_IE: (MeasConfigSN)

...

Name of the Sub\_IE: (NR-FreqInfo)

measuredFrequency ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (NR-FreqInfo)

...

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedBC-MRDC BandCombinationInfoSN OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedP-MaxFR1 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

...,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

[[

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedPDCCH-BlindDetectionSCG INTEGER (1..15) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedP-MaxEUTRA P-Max OPTIONAL

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

]],

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

[[

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedP-MaxFR2-r16 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedMaxInterFreqMeasIdSCG-r16 INTEGER(1..maxMeasIdentitiesMN) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedMaxIntraFreqMeasIdSCG-r16 INTEGER(1..maxMeasIdentitiesMN) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

requestedToffset-r16 T-Offset-r16 OPTIONAL

Name of the Sub\_IE: (ConfigRestrictModReqSCG)

]]

Name of the Sub\_IE: (BandCombinationInfoSN)

bandCombinationIndex BandCombinationIndex,

Name of the Sub\_IE: (BandCombinationInfoSN)

requestedFeatureSets FeatureSetEntryIndex

Name of the Sub\_IE: (FR-InfoList)

FR-InfoList SEQUENCE (SIZE (1..maxNrofServingCells-1)) OF FR-Info

Name of the Sub\_IE: (FR-Info)

servCellIndex ServCellIndex,

Name of the Sub\_IE: (FR-Info)

fr-Type ENUMERATED {fr1, fr2}

Name of the Sub\_IE: (CandidateServingFreqListNR)

CandidateServingFreqListNR SEQUENCE (SIZE (1.. maxFreqIDC-MRDC)) OF ARFCN-ValueNR

Name of the Sub\_IE: (CandidateServingFreqListEUTRA)

CandidateServingFreqListEUTRA SEQUENCE (SIZE (1.. maxFreqIDC-MRDC)) OF ARFCN-ValueEUTRA

Name of the Sub\_IE: (T-Offset-r16)

T-Offset-r16 ENUMERATED {ms0dot5, ms0dot75, ms1, ms1dot5, ms2, ms2dot5, ms3, spare1}

Name of the Sub\_IE: (CandidateCellInfoListCPC-r17)

CandidateCellInfoListCPC-r17 SEQUENCE (SIZE (1..maxFreq)) OF CandidateCellInfo-r17

Name of the Sub\_IE: (CandidateCellInfo-r17)

ssbFrequency-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (CandidateCellInfo-r17)

candidateList-r17 SEQUENCE (SIZE (1..maxNrofCondCells-r16)) OF CandidateCell-r17

Name of the Sub\_IE: (CandidateCell-r17)

physCellId-r17 PhysCellId,

Name of the Sub\_IE: (CandidateCell-r17)

condExecutionCondSCG-r17 OCTET STRING (CONTAINING CondReconfigExecCondSCG-r17) OPTIONAL

Name of the IE: (CG-CONFIG-INFO)

Name of the Sub\_IE: (CG-ConfigInfo)

criticalExtensions CHOICE {

Name of the Sub\_IE: (CG-ConfigInfo)

c1 CHOICE{

Name of the Sub\_IE: (CG-ConfigInfo)

cg-ConfigInfo CG-ConfigInfo-IEs,

Name of the Sub\_IE: (CG-ConfigInfo)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (CG-ConfigInfo)

},

Name of the Sub\_IE: (CG-ConfigInfo)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

ue-CapabilityInfo OCTET STRING (CONTAINING UE-CapabilityRAT-ContainerList) OPTIONAL,-- Cond SN-AddMod

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

candidateCellInfoListMN MeasResultList2NR OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

candidateCellInfoListSN OCTET STRING (CONTAINING MeasResultList2NR) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

measResultCellListSFTD-NR MeasResultCellListSFTD-NR OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

scgFailureInfo SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

failureType ENUMERATED { t310-Expiry, randomAccessProblem,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

rlc-MaxNumRetx, synchReconfigFailure-SCG,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

scg-reconfigFailure,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

srb3-IntegrityFailure},

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

measResultSCG OCTET STRING (CONTAINING MeasResultSCG-Failure)

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

configRestrictInfo ConfigRestrictInfoSCG OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

drx-InfoMCG DRX-Info OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

measConfigMN MeasConfigMN OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

sourceConfigSCG OCTET STRING (CONTAINING RRCReconfiguration) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

scg-RB-Config OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

mcg-RB-Config OCTET STRING (CONTAINING RadioBearerConfig) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

mrdc-AssistanceInfo MRDC-AssistanceInfo OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-IEs)

nonCriticalExtension CG-ConfigInfo-v1540-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

ph-InfoMCG PH-TypeListMCG OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

measResultReportCGI SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

ssbFrequency ARFCN-ValueNR,

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

cellForWhichToReportCGI PhysCellId,

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

cgi-Info CGI-InfoNR

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1540-IEs)

nonCriticalExtension CG-ConfigInfo-v1560-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

candidateCellInfoListMN-EUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

candidateCellInfoListSN-EUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

sourceConfigSCG-EUTRA OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

scgFailureInfoEUTRA SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

failureTypeEUTRA ENUMERATED { t313-Expiry, randomAccessProblem,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

rlc-MaxNumRetx, scg-ChangeFailure},

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

measResultSCG-EUTRA OCTET STRING

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

drx-ConfigMCG DRX-Config OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

measResultReportCGI-EUTRA SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

eutraFrequency ARFCN-ValueEUTRA,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

cellForWhichToReportCGI-EUTRA EUTRA-PhysCellId,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

cgi-InfoEUTRA CGI-InfoEUTRA

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

measResultCellListSFTD-EUTRA MeasResultCellListSFTD-EUTRA OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

fr-InfoListMCG FR-InfoList OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1560-IEs)

nonCriticalExtension CG-ConfigInfo-v1570-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1570-IEs)

sftdFrequencyList-NR SFTD-FrequencyList-NR OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1570-IEs)

sftdFrequencyList-EUTRA SFTD-FrequencyList-EUTRA OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1570-IEs)

nonCriticalExtension CG-ConfigInfo-v1590-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1590-IEs)

servFrequenciesMN-NR SEQUENCE (SIZE (1.. maxNrofServingCells-1)) OF ARFCN-ValueNR OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1590-IEs)

nonCriticalExtension CG-ConfigInfo-v1610-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

drx-InfoMCG2 DRX-Info2 OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

alignedDRX-Indication ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

scgFailureInfo-r16 SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

failureType-r16 ENUMERATED { scg-lbtFailure-r16, beamFailureRecoveryFailure-r16,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

t312-Expiry-r16, bh-RLF-r16,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

beamFailure-r17, spare3, spare2, spare1},

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

measResultSCG-r16 OCTET STRING (CONTAINING MeasResultSCG-Failure)

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

dummy1 SEQUENCE {

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

failureTypeEUTRA-r16 ENUMERATED { scg-lbtFailure-r16, beamFailureRecoveryFailure-r16,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

t312-Expiry-r16, spare5,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

spare4, spare3, spare2, spare1},

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

measResultSCG-EUTRA-r16 OCTET STRING

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

sidelinkUEInformationNR-r16 OCTET STRING (CONTAINING SidelinkUEInformationNR-r16) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

sidelinkUEInformationEUTRA-r16 OCTET STRING OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1610-IEs)

nonCriticalExtension CG-ConfigInfo-v1620-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1620-IEs)

ueAssistanceInformationSourceSCG-r16 OCTET STRING (CONTAINING UEAssistanceInformation) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1620-IEs)

nonCriticalExtension CG-ConfigInfo-v1640-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1640-IEs)

servCellInfoListMCG-NR-r16 ServCellInfoListMCG-NR-r16 OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1640-IEs)

servCellInfoListMCG-EUTRA-r16 ServCellInfoListMCG-EUTRA-r16 OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1640-IEs)

nonCriticalExtension CG-ConfigInfo-v1700-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1700-IEs)

candidateCellListCPC-r17 CandidateCellListCPC-r17 OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1700-IEs)

twoPHRModeMCG-r17 ENUMERATED {enabled} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1700-IEs)

lowMobilityEvaluationConnectedInPCell-r17 ENUMERATED {enabled} OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1700-IEs)

nonCriticalExtension CG-ConfigInfo-v1730-IEs OPTIONAL

Name of the Sub\_IE: (CG-ConfigInfo-v1730-IEs)

fr1-Carriers-MCG-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1730-IEs)

fr2-Carriers-MCG-r17 INTEGER (1..32) OPTIONAL,

Name of the Sub\_IE: (CG-ConfigInfo-v1730-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (ServCellInfoListMCG-NR-r16)

ServCellInfoListMCG-NR-r16 SEQUENCE (SIZE (1.. maxNrofServingCells)) OF ServCellInfoXCG-NR-r16

Name of the Sub\_IE: (ServCellInfoListMCG-EUTRA-r16)

ServCellInfoListMCG-EUTRA-r16 SEQUENCE (SIZE (1.. maxNrofServingCellsEUTRA)) OF ServCellInfoXCG-EUTRA-r16

Name of the Sub\_IE: (SFTD-FrequencyList-NR)

SFTD-FrequencyList-NR SEQUENCE (SIZE (1..maxCellSFTD)) OF ARFCN-ValueNR

Name of the Sub\_IE: (SFTD-FrequencyList-EUTRA)

SFTD-FrequencyList-EUTRA SEQUENCE (SIZE (1..maxCellSFTD)) OF ARFCN-ValueEUTRA

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

allowedBC-ListMRDC BandCombinationInfoList OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

powerCoordination-FR1 SEQUENCE {

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxNR-FR1 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxEUTRA P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxUE-FR1 P-Max OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

} OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

servCellIndexRangeSCG SEQUENCE {

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

lowBound ServCellIndex,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

upBound ServCellIndex

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

} OPTIONAL, -- Cond SN-AddMod

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxMeasFreqsSCG INTEGER(1..maxMeasFreqsMN) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

dummy INTEGER(1..maxMeasIdentitiesMN) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

...,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

[[

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

selectedBandEntriesMNList SEQUENCE (SIZE (1..maxBandComb)) OF SelectedBandEntriesMN OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

pdcch-BlindDetectionSCG INTEGER (1..15) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxNumberROHC-ContextSessionsSN INTEGER(0.. 16384) OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

]],

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

[[

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxIntraFreqMeasIdentitiesSCG INTEGER(1..maxMeasIdentitiesMN) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxInterFreqMeasIdentitiesSCG INTEGER(1..maxMeasIdentitiesMN) OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

]],

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

[[

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxNR-FR1-MCG-r16 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

powerCoordination-FR2-r16 SEQUENCE {

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxNR-FR2-MCG-r16 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxNR-FR2-SCG-r16 P-Max OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

p-maxUE-FR2-r16 P-Max OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

} OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

nrdc-PC-mode-FR1-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic} OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

nrdc-PC-mode-FR2-r16 ENUMERATED {semi-static-mode1, semi-static-mode2, dynamic} OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxMeasSRS-ResourceSCG-r16 INTEGER(0..maxNrofCLI-SRS-Resources-r16) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxMeasCLI-ResourceSCG-r16 INTEGER(0..maxNrofCLI-RSSI-Resources-r16) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxNumberEHC-ContextsSN-r16 INTEGER(0..65536) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

allowedReducedConfigForOverheating-r16 OverheatingAssistance OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxToffset-r16 T-Offset-r16 OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

]],

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

[[

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

allowedReducedConfigForOverheating-r17 OverheatingAssistance-r17 OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxNumberUDC-DRB-r17 INTEGER(0..2) OPTIONAL,

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

maxNumberCPCCandidates-r17 INTEGER(0..maxNrofCondCells-1-r17) OPTIONAL

Name of the Sub\_IE: (ConfigRestrictInfoSCG)

]]

Name of the Sub\_IE: (SelectedBandEntriesMN)

SelectedBandEntriesMN SEQUENCE (SIZE (1..maxSimultaneousBands)) OF BandEntryIndex

Name of the Sub\_IE: (PH-TypeListMCG)

PH-TypeListMCG SEQUENCE (SIZE (1..maxNrofServingCells)) OF PH-InfoMCG

Name of the Sub\_IE: (PH-InfoMCG)

servCellIndex ServCellIndex,

Name of the Sub\_IE: (PH-InfoMCG)

ph-Uplink PH-UplinkCarrierMCG,

Name of the Sub\_IE: (PH-InfoMCG)

ph-SupplementaryUplink PH-UplinkCarrierMCG OPTIONAL,

Name of the Sub\_IE: (PH-InfoMCG)

...,

Name of the Sub\_IE: (PH-InfoMCG)

[[

Name of the Sub\_IE: (PH-InfoMCG)

twoSRS-PUSCH-Repetition-r17 ENUMERATED{enabled} OPTIONAL

Name of the Sub\_IE: (PH-InfoMCG)

]]

Name of the Sub\_IE: (PH-UplinkCarrierMCG)

ph-Type1or3 ENUMERATED {type1, type3},

Name of the Sub\_IE: (PH-UplinkCarrierMCG)

...

Name of the Sub\_IE: (BandCombinationInfoList)

BandCombinationInfoList SEQUENCE (SIZE (1..maxBandComb)) OF BandCombinationInfo

Name of the Sub\_IE: (BandCombinationInfo)

bandCombinationIndex BandCombinationIndex,

Name of the Sub\_IE: (BandCombinationInfo)

allowedFeatureSetsList SEQUENCE (SIZE (1..maxFeatureSetsPerBand)) OF FeatureSetEntryIndex

Name of the Sub\_IE: (DRX-Info)

drx-LongCycleStartOffset CHOICE {

Name of the Sub\_IE: (DRX-Info)

ms10 INTEGER(0..9),

Name of the Sub\_IE: (DRX-Info)

ms20 INTEGER(0..19),

Name of the Sub\_IE: (DRX-Info)

ms32 INTEGER(0..31),

Name of the Sub\_IE: (DRX-Info)

ms40 INTEGER(0..39),

Name of the Sub\_IE: (DRX-Info)

ms60 INTEGER(0..59),

Name of the Sub\_IE: (DRX-Info)

ms64 INTEGER(0..63),

Name of the Sub\_IE: (DRX-Info)

ms70 INTEGER(0..69),

Name of the Sub\_IE: (DRX-Info)

ms80 INTEGER(0..79),

Name of the Sub\_IE: (DRX-Info)

ms128 INTEGER(0..127),

Name of the Sub\_IE: (DRX-Info)

ms160 INTEGER(0..159),

Name of the Sub\_IE: (DRX-Info)

ms256 INTEGER(0..255),

Name of the Sub\_IE: (DRX-Info)

ms320 INTEGER(0..319),

Name of the Sub\_IE: (DRX-Info)

ms512 INTEGER(0..511),

Name of the Sub\_IE: (DRX-Info)

ms640 INTEGER(0..639),

Name of the Sub\_IE: (DRX-Info)

ms1024 INTEGER(0..1023),

Name of the Sub\_IE: (DRX-Info)

ms1280 INTEGER(0..1279),

Name of the Sub\_IE: (DRX-Info)

ms2048 INTEGER(0..2047),

Name of the Sub\_IE: (DRX-Info)

ms2560 INTEGER(0..2559),

Name of the Sub\_IE: (DRX-Info)

ms5120 INTEGER(0..5119),

Name of the Sub\_IE: (DRX-Info)

ms10240 INTEGER(0..10239)

Name of the Sub\_IE: (DRX-Info)

},

Name of the Sub\_IE: (DRX-Info)

shortDRX SEQUENCE {

Name of the Sub\_IE: (DRX-Info)

drx-ShortCycle ENUMERATED {

Name of the Sub\_IE: (DRX-Info)

ms2, ms3, ms4, ms5, ms6, ms7, ms8, ms10, ms14, ms16, ms20, ms30, ms32,

Name of the Sub\_IE: (DRX-Info)

ms35, ms40, ms64, ms80, ms128, ms160, ms256, ms320, ms512, ms640, spare9,

Name of the Sub\_IE: (DRX-Info)

spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 },

Name of the Sub\_IE: (DRX-Info)

drx-ShortCycleTimer INTEGER (1..16)

Name of the Sub\_IE: (DRX-Info)

} OPTIONAL

Name of the Sub\_IE: (DRX-Info2)

drx-onDurationTimer CHOICE {

Name of the Sub\_IE: (DRX-Info2)

subMilliSeconds INTEGER (1..31),

Name of the Sub\_IE: (DRX-Info2)

milliSeconds ENUMERATED {

Name of the Sub\_IE: (DRX-Info2)

ms1, ms2, ms3, ms4, ms5, ms6, ms8, ms10, ms20, ms30, ms40, ms50, ms60,

Name of the Sub\_IE: (DRX-Info2)

ms80, ms100, ms200, ms300, ms400, ms500, ms600, ms800, ms1000, ms1200,

Name of the Sub\_IE: (DRX-Info2)

ms1600, spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1 }

Name of the Sub\_IE: (MeasConfigMN)

measuredFrequenciesMN SEQUENCE (SIZE (1..maxMeasFreqsMN)) OF NR-FreqInfo OPTIONAL,

Name of the Sub\_IE: (MeasConfigMN)

measGapConfig SetupRelease { GapConfig } OPTIONAL,

Name of the Sub\_IE: (MeasConfigMN)

gapPurpose ENUMERATED {perUE, perFR1} OPTIONAL,

Name of the Sub\_IE: (MeasConfigMN)

...,

Name of the Sub\_IE: (MeasConfigMN)

[[

Name of the Sub\_IE: (MeasConfigMN)

measGapConfigFR2 SetupRelease { GapConfig } OPTIONAL

Name of the Sub\_IE: (MeasConfigMN)

]],

Name of the Sub\_IE: (MeasConfigMN)

[[

Name of the Sub\_IE: (MeasConfigMN)

interFreqNoGap-r16 ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (MeasConfigMN)

]]

Name of the Sub\_IE: (MRDC-AssistanceInfo)

affectedCarrierFreqCombInfoListMRDC SEQUENCE (SIZE (1..maxNrofCombIDC)) OF AffectedCarrierFreqCombInfoMRDC,

Name of the Sub\_IE: (MRDC-AssistanceInfo)

...,

Name of the Sub\_IE: (MRDC-AssistanceInfo)

[[

Name of the Sub\_IE: (MRDC-AssistanceInfo)

overheatingAssistanceSCG-r16 OCTET STRING (CONTAINING OverheatingAssistance) OPTIONAL

Name of the Sub\_IE: (MRDC-AssistanceInfo)

]],

Name of the Sub\_IE: (MRDC-AssistanceInfo)

[[

Name of the Sub\_IE: (MRDC-AssistanceInfo)

overheatingAssistanceSCG-FR2-2-r17 OCTET STRING (CONTAINING OverheatingAssistance-r17) OPTIONAL

Name of the Sub\_IE: (MRDC-AssistanceInfo)

]]

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

victimSystemType VictimSystemType,

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

interferenceDirectionMRDC ENUMERATED {eutra-nr, nr, other, utra-nr-other, nr-other, spare3, spare2, spare1},

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

affectedCarrierFreqCombMRDC SEQUENCE {

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

affectedCarrierFreqCombEUTRA AffectedCarrierFreqCombEUTRA OPTIONAL,

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

affectedCarrierFreqCombNR AffectedCarrierFreqCombNR

Name of the Sub\_IE: (AffectedCarrierFreqCombInfoMRDC)

} OPTIONAL

Name of the Sub\_IE: (VictimSystemType)

gps ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType)

glonass ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType)

bds ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType)

galileo ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType)

wlan ENUMERATED {true} OPTIONAL,

Name of the Sub\_IE: (VictimSystemType)

bluetooth ENUMERATED {true} OPTIONAL

Name of the Sub\_IE: (AffectedCarrierFreqCombEUTRA)

AffectedCarrierFreqCombEUTRA SEQUENCE (SIZE (1..maxNrofServingCellsEUTRA)) OF ARFCN-ValueEUTRA

Name of the Sub\_IE: (AffectedCarrierFreqCombNR)

AffectedCarrierFreqCombNR SEQUENCE (SIZE (1..maxNrofServingCells)) OF ARFCN-ValueNR

Name of the Sub\_IE: (CandidateCellListCPC-r17)

CandidateCellListCPC-r17 SEQUENCE (SIZE (1..maxFreq)) OF CandidateCellCPC-r17

Name of the Sub\_IE: (CandidateCellCPC-r17)

ssbFrequency-r17 ARFCN-ValueNR,

Name of the Sub\_IE: (CandidateCellCPC-r17)

candidateCellList-r17 SEQUENCE (SIZE (1..maxNrofCondCells-r16)) OF PhysCellId

Name of the IE: (MEASUREMENT-TIMING-CONFIGURATION)

Name of the Sub\_IE: (MeasurementTimingConfiguration)

criticalExtensions CHOICE {

Name of the Sub\_IE: (MeasurementTimingConfiguration)

c1 CHOICE{

Name of the Sub\_IE: (MeasurementTimingConfiguration)

measTimingConf MeasurementTimingConfiguration-IEs,

Name of the Sub\_IE: (MeasurementTimingConfiguration)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (MeasurementTimingConfiguration)

},

Name of the Sub\_IE: (MeasurementTimingConfiguration)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (MeasurementTimingConfiguration-IEs)

measTiming MeasTimingList OPTIONAL,

Name of the Sub\_IE: (MeasurementTimingConfiguration-IEs)

nonCriticalExtension MeasurementTimingConfiguration-v1550-IEs OPTIONAL

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1550-IEs)

campOnFirstSSB BOOLEAN,

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1550-IEs)

psCellOnlyOnFirstSSB BOOLEAN,

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1550-IEs)

nonCriticalExtension MeasurementTimingConfiguration-v1610-IEs OPTIONAL

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

csi-RS-Config-r16 SEQUENCE {

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

csi-RS-SubcarrierSpacing-r16 SubcarrierSpacing,

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

csi-RS-CellMobility-r16 CSI-RS-CellMobility,

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

refSSBFreq-r16 ARFCN-ValueNR

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

},

Name of the Sub\_IE: (MeasurementTimingConfiguration-v1610-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the Sub\_IE: (MeasTimingList)

MeasTimingList SEQUENCE (SIZE (1..maxMeasFreqsMN)) OF MeasTiming

Name of the Sub\_IE: (MeasTiming)

frequencyAndTiming SEQUENCE {

Name of the Sub\_IE: (MeasTiming)

carrierFreq ARFCN-ValueNR,

Name of the Sub\_IE: (MeasTiming)

ssbSubcarrierSpacing SubcarrierSpacing,

Name of the Sub\_IE: (MeasTiming)

ssb-MeasurementTimingConfiguration SSB-MTC,

Name of the Sub\_IE: (MeasTiming)

ss-RSSI-Measurement SS-RSSI-Measurement OPTIONAL

Name of the Sub\_IE: (MeasTiming)

} OPTIONAL,

Name of the Sub\_IE: (MeasTiming)

...,

Name of the Sub\_IE: (MeasTiming)

[[

Name of the Sub\_IE: (MeasTiming)

ssb-ToMeasure SSB-ToMeasure OPTIONAL,

Name of the Sub\_IE: (MeasTiming)

physCellId PhysCellId OPTIONAL

Name of the Sub\_IE: (MeasTiming)

]]

Name of the IE: (UE-RADIO-PAGING-INFORMATION)

Name of the Sub\_IE: (UERadioPagingInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UERadioPagingInformation)

c1 CHOICE{

Name of the Sub\_IE: (UERadioPagingInformation)

ueRadioPagingInformation UERadioPagingInformation-IEs,

Name of the Sub\_IE: (UERadioPagingInformation)

spare7 NULL,

Name of the Sub\_IE: (UERadioPagingInformation)

spare6 NULL, spare5 NULL, spare4 NULL,

Name of the Sub\_IE: (UERadioPagingInformation)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (UERadioPagingInformation)

},

Name of the Sub\_IE: (UERadioPagingInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UERadioPagingInformation-IEs)

supportedBandListNRForPaging SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-IEs)

nonCriticalExtension UERadioPagingInformation-v15e0-IEs OPTIONAL

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeA-FDD-FR1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeA-TDD-FR1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeA-TDD-FR2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeB-FDD-FR1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeB-TDD-FR1 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

dl-SchedulingOffset-PDSCH-TypeB-TDD-FR2 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v15e0-IEs)

nonCriticalExtension UERadioPagingInformation-v1700-IEs OPTIONAL

Name of the Sub\_IE: (UERadioPagingInformation-v1700-IEs)

ue-RadioPagingInfo-r17 OCTET STRING (CONTAINING UE-RadioPagingInfo-r17) OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v1700-IEs)

inactiveStatePO-Determination-r17 ENUMERATED {supported} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v1700-IEs)

numberOfRxRedCap-r17 ENUMERATED {one, two} OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v1700-IEs)

halfDuplexFDD-TypeA-RedCap-r17 SEQUENCE (SIZE (1..maxBands)) OF FreqBandIndicatorNR OPTIONAL,

Name of the Sub\_IE: (UERadioPagingInformation-v1700-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (UE-RADIO-ACCESS-CAPABILITY-INFORMATION)

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

criticalExtensions CHOICE {

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

c1 CHOICE{

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

ueRadioAccessCapabilityInformation UERadioAccessCapabilityInformation-IEs,

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

spare7 NULL,

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

spare6 NULL, spare5 NULL, spare4 NULL,

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

spare3 NULL, spare2 NULL, spare1 NULL

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

},

Name of the Sub\_IE: (UERadioAccessCapabilityInformation)

criticalExtensionsFuture SEQUENCE {}

Name of the Sub\_IE: (UERadioAccessCapabilityInformation-IEs)

ue-RadioAccessCapabilityInfo OCTET STRING (CONTAINING UE-CapabilityRAT-ContainerList),

Name of the Sub\_IE: (UERadioAccessCapabilityInformation-IEs)

nonCriticalExtension SEQUENCE {} OPTIONAL

Name of the IE: (NR-MULTIPLICITY-AND-CONSTRAINTS)

Name of the IE: (NR-INTER-NODE-DEFINITIONS-END)

Name of the Sub\_IE: ()

END

Name of the IE: (NAME)