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Subscription Management (SuM)
Network Resource Model (NRM)
Integration Reference Point (IRP);
Information Service (IS)
(3GPP TS 28.752 version 15.0.0 Release 15)



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# **Foreword**

This Technical Specification has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

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# Introduction

The interface Itf-N, defined in 3GPP TS 32.102 [2], is built up by a number of Integration Reference Points (IRPs) and a related Name Convention, which realise the functional capabilities over this interface. The basic structure of the IRPs is defined in 3GPP TS 32.101 [1] and 3GPP TS 32.102 [2].

The present document is part of a TS-family covering the 3<sup>rd</sup> Generation Partnership Project: Technical Specification Group Services and System Aspects; Telecommunication management, as identified below:

- TS 32.140: Subscription Management (SuM) requirements.
- TS 32.141: Subscription Management (SuM) architecture.
- TS 28.751: Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements.
- TS 28.752: Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS).
- TS 28.753: Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Sets (SS) definitions.

# 1 Scope

The present document defines the Network Resource Model (NRM) for the SuM IRP which can be communicated between an IRPAgent and IRPManagers for subscription management purposes, including in the context of converged networks.

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.
- [1] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".
- [2] 3GPP TS 32.102: "Telecommunication management; Architecture".
- [3] 3GPP TS 32.140: "Telecommunication management; Subscription Management (SuM) Requirements".
- [4] 3GPP TS 32.141: "Telecommunication management; Subscription Management (SuM) Architecture."
- [5] 3GPP TS 28.751: "Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements".
- [6] 3GPP TS 28.622: "Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)".
- [7] 3GPP TS 23.008: "Organization of subscriber data".
- [8] 3GPP TS 29.228: "IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents".

# 3 Definitions and abbreviations

# 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply. For terms and definitions not found here, please refer to 3GPP TS 32.101 [1], 3GPP TS 32.102 [2], 3GPP TS 32.140 [3] and TS 32.141 [4].

**Subscription Profile:** see 3GPP TS 32.140 [3].

**Subscription Profile Component:** see 3GPP TS 32.140 [3].

Subscription Profile Component Definition: specifies a Subscription Profile Component.

Subscriber Profile: see 3GPP TS 32.140 [3].

**User:** see 3GPP TS 32.140 [3].

# 3.2 Abbreviations

For the purposes of the present document the following and the abbreviations in 32.101 [1], 32.102 [2], 32.140 [3] and 32.141 [4] apply.

EM Element Manager
IOC Information Object Class
IRP Integration Reference Point
MOC Managed Object Class
NE Network Element
SuM Subscription Management

# 4 Model

# 4.1 Imported information entities and local labels

Label reference	Local label
28.622 [6], information object class, ManagedFunction	ManagedFunction
28.622 [6], information object class, SubNetwork	SubNetwork
28.622 [6], information object class, Top	Top

# 4.2 Class diagram

# 4.2.1 Relationships

This clause depicts the set of classes (e.g. IOCs) that encapsulates the information relevant for this IRP. This clause provides an overview of the relationships between relevant classes in UML. Subsequent clauses provide more detailed specification of various aspects of these classes.

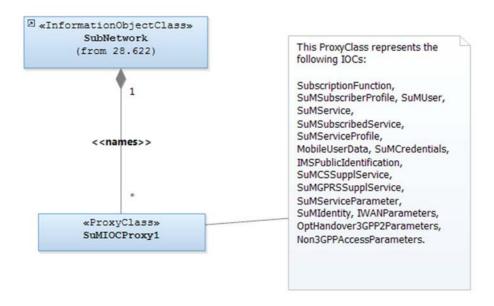


Figure 1a: SuM NRM naming diagram 1

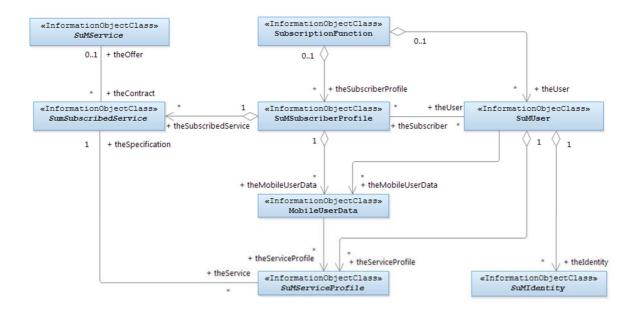


Figure 1b: SuM NRM Containment and Association diagram 1

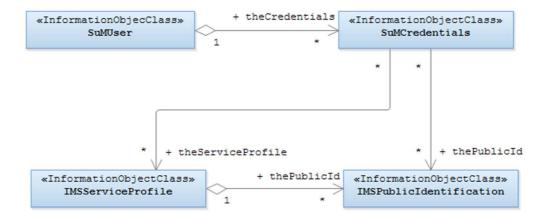


Figure 1c: SuM NRM Containment and Association diagram 2

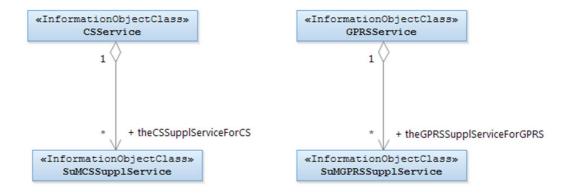


Figure 1d: SuM Supplementary Service NRM Aggregation diagram 1

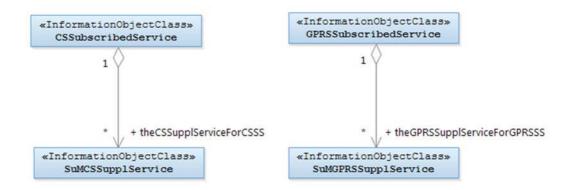


Figure 1e: SuM Supplementary Service NRM Aggregation diagram 2

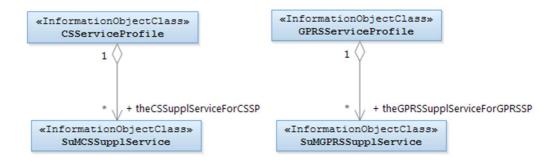


Figure 1f: SuM Supplementary Service NRM Aggregation diagram 3

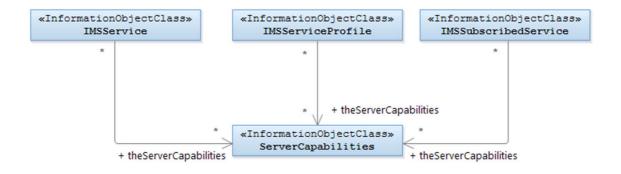


Figure 1g: SuM IMS Service Containment and Association diagram 1

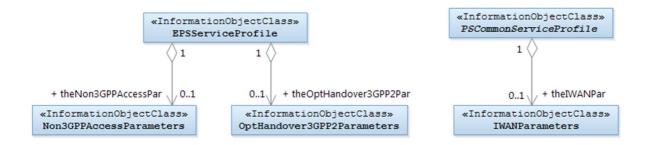


Figure 1h: Service Profile NRM Association diagram

# 4.2.2 Inheritance

This subclause depicts the inheritance relationships.

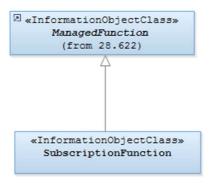


Figure 2a: SuM NRM Inheritance Hierarchy 1

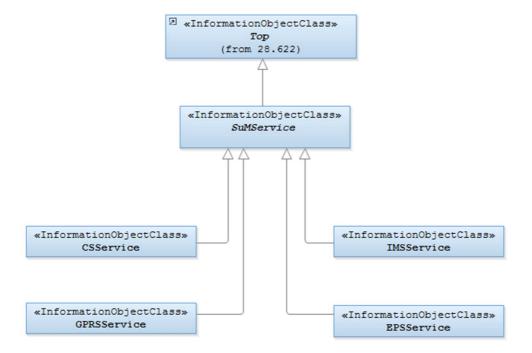


Figure 2b: SuM NRM Inheritance Hierarchy 2

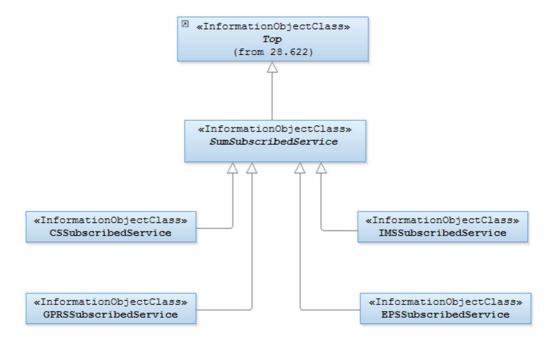


Figure 2c: SuM NRM Inheritance Hierarchy 3

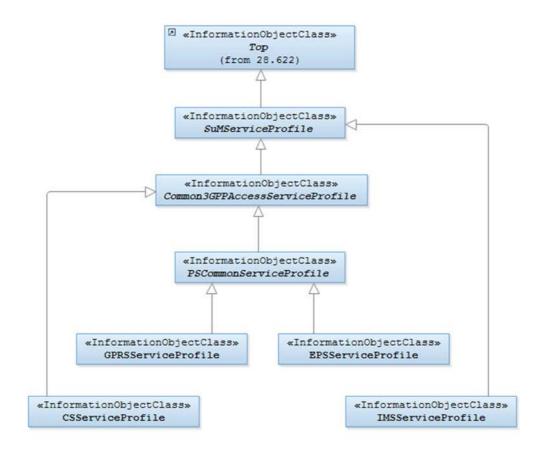


Figure 2d: SuM NRM Inheritance Hierarchy 4

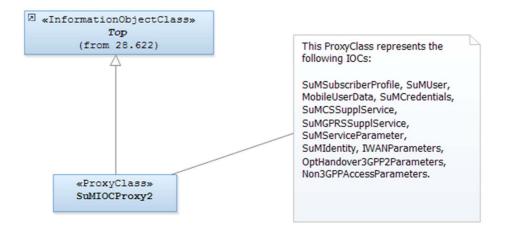


Figure 2e: SuM NRM Inheritance Hierarchy 5

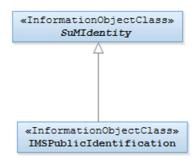


Figure 2f: SuM NRM Inheritance Hierarchy 8

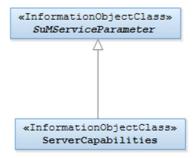


Figure 2g: SuM NRM Inheritance Hierarchy 9

# 4.3 Class definitions

# 4.3.1 SuMService

# 4.3.1.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Services IOCs.

# 4.3.1.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theContract	M	М	0	-	-

# 4.3.1.3 Attribute constraints

None.

# 4.3.1.4 Notifications

None.

# 4.3.2 CSService

#### 4.3.2.1 Definition

This class represents a CS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the CS service from subscription point of view.

4.3.2.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	M	М	-	-
basicMSISDNIndicator	0	М	М	-	-
mSISDNAlertIndicator	0	М	М	-	-
subscriptionRestriction	0	М	М	-	-
rSZIlists	0	М	М	-	-
lSAIdentity	0	М	М	-	-
lsAPriority	0	М	М	-	-
lSAPreferentialAccessIndicator	0	М	М	-	-
lSAActiveModeSupportIndicator	0	М	М	-	-
lSAOnlyAccessIndicator	0	М	М	-	-
lSAActiveModeIndicator	0	М	М	-	-
vPLMNIdentifier	0	М	М	-	-
accessRestrictionData	0	М	М	-	-
privacyExceptionList	0	М	М	-	-
gMLCNumbers	0	М	М	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	М	М	-	-
mobileStationCategory	0	М	М	-	-
lMUIdentifier	0	М	М	-	-
subscriberStatus	0	M	M	-	-
gsmSCFaddresslistForODB	M	M	M	-	-
provisionOfBearerService	M	M	M	_	_
provisionOfTeleservice	M	M	M	_	_
bCAllocation	0	M	M	_	_
barringOfOutgoingCalls	0	M	M	_	_
barringOfIncomingCalls	0	M	M	_	_
barringOfRoaming	0	M	M	_	_
barringOfPremiumRateCalls	0	M	M	_	_
barringOfSupplementaryService	0	M	M	_	_
Management	O	171	101		
barringOfRegistrationOfCall	0	М	М	_	_
Forwarding	Ü	141			
barringOfInvocationOfCall	0	М	М	_	_
Transfer	•				
operatorDeterminedBarring	0	М	М	-	-
PLMNspecificData					
vGCSGroupMembershipList	0	М	М	-	-
vBSGroupMembershipList	0	М	М	-	-
broadcastCallInitiation	0	М	М	-	-
AllowedList					
originatingCAMELSubscription	0	М	М	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	М	-	-
InformationTCSI					
vMSCTerminatingCAMEL	0	М	М	-	-
SubscriptionInformationVTCSI					
locationInformation	0	M	М	-	-
SubscriberStateInformation					
uSSDCAMELSubscription	0	M	М	-	-
InformationUCSI					
sSInvocationNotificationSSCSI	0	M	M	-	-
translationInformation	0	M	М	-	-
FlagTIFCSI					
dialledServiceCAMEL	0	M	M	-	-
SubscriptionInformationDCSI					
uSSDGeneralCAMELService	0	M	M	-	-
InformationUGCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	Ο	M	M	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling		1			
gsmSCFaddressforCSI	0	M	M	-	-
iSTAlertTimer	0	M	M	-	-

cSAllocationRetentionpriority	0	М	М	1	-
iCSIndicator	0	M	М	-	-
Attribute related to role					
theCSSupplServiceForCS	0	М	0	-	-

# 4.3.2.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.2.4 Notifications

None.

# 4.3.3 GPRSService

# 4.3.3.1 Definition

This class represents a GPRS service (see 3GPP TS 23.008 [7]) provided by a service provider.

This class contains the valid parameters that define the GPRS service from subscription point of view.

4.3.3.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	M	M	-	-
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
rSZIlists	0	M	M	-	-
lSAIdentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	М	-	-
vPLMNIdentifier	0	M	М	-	-
accessRestrictionData	0	M	М	-	-
privacyExceptionList	0	M	М	-	-
gMLCNumbers	0	M	М	-	-
mOLRList	0	M	М	-	-
serviceTypes	0	M	М	-	-
gGSNNumber	М	M	М	-	-
provisionofTeleservice	0	M	M	-	-
transferofSMoption	M	M	M	-	-
subscriberStatus	M	M	M	-	-
barringofPacketOrientedServices	0	M	M	-	-
pDPType	0	M	M	-	_
pDPAddress	0	M	M	-	_
accessPointName	0	M	M	_	_
vPLMNAddressAllowed	0	M	M	_	_
qualityofServiceSubscribed	0	M	M	_	_
pDPContextChargingCharacteristic	0	M	M	_	_
s		IVI	IVI	_	
gPRSCAMELSubscriptionInformation	0	М	М	-	-
GPRSCSI					
mOShortMessageServiceCAMELSubscr	0	M	M	-	-
iptionInformationMOSMSCSI					
mTShortMessageServiceCAMELSubscr	0	M	M	-	-
iptionInformationMTSMSCSI					
mOSMSCSISGSNNegotiatedCAMELCapab	0	M	M	-	-
ilityHandling					
mTSMSCSISGSNNegotiatedCAMELCapab	0	M	M	-	-
ilityHandling					
mobilityManagementforGPRSeventno	0	M	M	-	-
tificationMGCSI					
mGCSINegotiatedCAMELCapabilityHa	0	M	M	-	-
ndling					
gsmSCFaddressforCSI	0	M	M	-	-
subscribedChargingCharacteristic	0	M	M	-	-
S alegadoubgariberoreum Information		R A	N 4		
closedSubscriberGroupInformation	0	M	M	-	-
gSMSCFaddresslistForODB	0	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	-	-
operatorDeterminedBarringPLMNspe	0	M	М	-	-
cificData		B. 4	N 4		
sTNSR	0	M	M	-	-
iCSIndicator	0	M	M	-	-
listofauthorizedvisitednetworkid entifiers	0	M	M	-	-
wLANUERemoteIPaddress		N /I	N /I		
wLANUERemotelPaddress staticWLANUERemotelPAddressList	0	M	M	-	-
	0	M	M	-	-
w-APNBarringTypeList	0	M	M	-	-
w-APNChargingDataList	0	M	M	-	-
accessDependenceFlag	0	M	M	-	-
chargingCharacteristics	0	M	M	-	-
primaryOCSChargingFunctionName	0	M	M	-	-
secondaryOCSChargingFunctionName	0	M	M	-	<u> </u>

primaryChargingCollectionFunctio	0	M	М	-	-
nName					
secondaryChargingCollectionFunct	0	M	М	-	-
ionName					
w-APNIdentifierList	0	M	M	-	-
maxNumberAccessesList	0	M	М	-	-
maxSubscribedBandwidth	0	M	М	-	-
subscribed3GPPWLANQoSProfile	0	M	М	-	-
Attribute related to role					
theGPRSSupplServiceForGPRS	0	M	0	-	-

# 4.3.3.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.3.4 Notifications

None.

# 4.3.4 IMSService

#### 4.3.4.1 Definition

This class represents a IMS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the IMS service from subscription point of view.

# 4.3.4.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
listofauthorizedvisitednetworkid	М	M	M	-	-
entifiers					
registrationStatus	M	М	М	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
subscribedMediaProfileIdentifier	0	М	M	-	-
initialFilterCriteriaList	0	М	M	-	-
applicationServerInformation	0	М	M	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionName	0	М	М	-	-
secondaryEventChargingFunctionNa	0	М	M	-	-
me					
primaryChargingCollectionFunctio	M	M	M	-	-
nName					
secondaryChargingCollectionFunct	0	M	M	-	-
ionName					
gsmSCFaddressforIMCSI	0	M	M	-	-
oIMCSI	0	M	M	-	-
VTIMCSI	0	M	M	-	-
dIMCS	0	M	M	-	-
gAAServiceType	0	М	M	-	-
gAAServiceIdentifier	0	М	M	-	-
gBAUserSecuritySettings	0	M	M	-	-
userSecuritySetting	0	M	M	-	-
userPublicIdentity	0	M	M	-	-
gAAAuthorizationflag	0	M	M	-	-
keyLifetime	0	М	М	-	-
uICCSecurityType	0	М	М	-	-
nAFGroupIdentity	0	М	М	-	-
Attribute related to role					
theServerCapabilities	0	М	-	-	-

# 4.3.4.3 Attribute constraints

Name	Definition				
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).				

# 4.3.4.4 Notifications

None.

# 4.3.5 SuMSubscribedService

#### 4.3.5.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Subscribed Services IOCs.

#### 4.3.5.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theService	M	M	0	-	-
theOffer	M	M	0	-	-

4.3.5.3 Attribute constraints

None.

4.3.5.4 Notifications

None.

# 4.3.6 CSSubscribedService

#### 4.3.6.1 Definition

This class represents subscription to a CS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of CS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for CS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for a CS service that a Subscriber subscribes to.

4.3.6.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	М	M	-	-
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
subscriptionRestriction	0	M	M	-	-
rSZIlists	0	M	M	-	-
lSAIdentity	0	М	M	-	-
lSAPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lsAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator lSAActiveModeIndicator	0	M	M	-	-
	0	M	M	-	-
vPLMNIdentifier accessRestrictionData	0	M	M	-	-
	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers mOLRList	0	M	M	-	-
	0	M	M	-	
serviceTypes mobileStationCategory	0	M M	M M	-	-
lMUIdentifier	<u> </u>	M	M	-	-
subscriberStatus	0	M	M	-	-
gsmSCFaddresslistForODB				-	-
provisionOfBearerService	***	M	M	-	-
provisionOfTeleservice	M	M	M	-	-
bCAllocation	<u>М</u> О	M M	M	-	-
barringOfOutgoingCalls	0	M	M M	-	-
barringOfUncomingCalls	0	M	M	-	-
barringOffRoaming	0	M	M	-	-
barringOfRoaming barringOfPremiumRateCalls	0	M	M	-	-
barringOffSupplementaryService	0	M	M	-	-
Management	O	IVI	IVI	-	-
barringOfRegistrationOfCall	0	М	М	_	_
Forwarding	<b>G</b>				
barringOfInvocationOfCall	0	М	М	-	-
Transfer					
operatorDeterminedBarring	0	М	М	-	-
PLMNspecificData					
vGCSGroupMembershipList	0	M	М	-	-
vBSGroupMembershipList	0	M	M	ı	-
broadcastCallInitiation	Ο	M	M	-	-
AllowedList					
originatingCAMELSubscription	0	M	M	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	M	-	-
InformationTCSI					
vMSCTerminatingCAMEL	0	M	M	-	-
Subscription InformationVTCSI					
locationInformation/	0	M	M	-	-
SubscriberStateInformation	O	IVI	IVI	-	-
uSSDCAMELSubscription	0	М	М	_	_
InformationUCSI	O	IVI	IVI	_	_
sSInvocationNotification	0	М	М	-	_
SSCSI	<b>O</b>				
translationInformationFlag	0	М	М	-	-
TIFCSI	<b>C</b>				
dialledServiceCAMEL	0	M	M	-	-
SubscriptionInformationDCSI					
uSSDGeneralCAMELService	0	M	M	-	-
InformationUGCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling		1			

gsmSCFaddressforCSI	0	M	M	-	-
iSTAlertTimer	0	M	M	-	-
cSAllocationRetentionpriority	0	M	M	-	-
iCSIndicator	0	M	М	-	-
Attribute related to role					
theCSSupplServiceForCSSS	0	M	0	-	-

# 4.3.6.3 Attribute constraints

Name	Definition			
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).			

# 4.3.6.4 Notifications

None.

# 4.3.7 GPRSSubscribedService

# 4.3.7.1 Definition

This class represents subscription to a GPRS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of GPRS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for GPRS services.

# 4.3.7.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	M	M	-	-
basicMSISDNIndicator	0	М	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
rSZIlists	0	M	M	-	-
lSAIdentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	М	-	-
accessRestrictionData	0	M	М	-	-
privacyExceptionList	0	M	М	-	-
gMLCNumbers	0	M	М	-	-
mOLRList	0	M	М	-	-
serviceTypes	0	M	М	-	-
gGSNNumber	M	M	М	-	-
provisionofTeleservice	0	М	М	-	-
transferofSMoption	M	M	M	-	-
subscriberStatus	M	M	M	-	-
barringofPacketOrientedServices	0	M	M	-	-
pDPType	0	M	M	_	-
pDPAddress	0	M	M	_	_
accessPointName	0	M	M	_	_
vPLMNAddressAllowed	0	M	M	_	_
qualityofServiceSubscribed	0	M	M	_	-
pDPContextCharging	0	M	M	_	_
Characteristics	O	IVI	IVI	_	_
gPRSCAMELSubscription	0	М	М	_	_
InformationGPRSCSI	0	IVI	IVI	_	_
mOShortMessageService	0	М	М	_	_
CAMELSubscription	O	141			
InformationMOSMSCSI					
mTShortMessageService	0	М	М	-	-
CAMELSubscription					
InformationMTSMSCSI					
mOSMSCSISGSNNegotiated	0	М	М	-	-
CAMELCapabilityHandling	_				
mTSMSCSISGSNNegotiated	0	М	М	-	-
CAMELCapabilityHandling					
mobilityManagementforGPRSevent	0	M	М	-	-
notificationMGCSI					
mGCSINegotiatedCAMEL	0	М	М	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	М	М	-	-
subscribedCharging	0	М	М	-	-
Characteristics	_				
closedSubscriberGroup	0	М	М	-	-
Information					
gSMSCFaddresslistForODB	0	M	М	-	-
barringOfOutgoingCalls	0	М	М	-	-
barringOfRoaming	0	М	М	-	-
operatorDeterminedBarring	0	М	М	-	-
PLMNspecificData	-	1			
sTNSR	0	М	M	-	-
iCSIndicator	0	M	M	-	-
listofauthorizedvisitednetwork	0	M	M	-	-
identifiers	_	]			
wLANUERemoteIPaddress	0	М	M	-	-
staticWLANUERemoteIP	0	M	M	_	-
AddressList		'''			
w-APNBarringTypeList	0	М	М	-	-
w-APNChargingDataList	0	M	M	-	-
accessDependenceFlag	0	M	M	-	-
	-	1	***	1	

chargingCharacteristics	0	M	M	-	-
primaryOCSCharging	0	M	M	-	-
FunctionName					
secondaryOCSCharging	0	M	M	-	-
FunctionName					
primaryChargingCollection	0	M	M	-	-
FunctionName					
secondaryChargingCollection	0	M	M	-	-
FunctionName					
w-APNIdentifierList	0	M	M	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
Attribute related to role					
theGPRSSupplServiceforGPRSSS	0	M	0	-	-

# 4.3.7.3 Attribute constraints

Name	Definition			
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).			

# 4.3.7.4 Notifications

None.

# 4.3.8 IMSSubscribedService

#### 4.3.8.1 Definition

This class represents subscription to an IMS (see 3GPP TS 23.008 [7]) service for a subscriber. The entire set of IMS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services profile for IMS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for an IMS service that a Subscriber subscribes to.

# 4.3.8.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
listofauthorizedvisitednetwo	M	M	M	-	-
rkidentifiers					
registrationStatus	M	M	M	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
<pre>subscribedMediaProfileIdenti fier</pre>	0	M	M	-	-
initialFilterCriteriaList	0	M	М	-	-
applicationServerInformation	0	M	M	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunction Name	0	M	М	-	-
secondaryEventChargingFunctionName	0	M	М	-	-
<pre>primaryChargingCollectionFun ctionName</pre>	M	M	М	-	-
secondaryChargingCollectionF unctionName	0	M	М	-	-
gsmSCFaddressforIMCSI	0	M	М	-	-
oIMCSI	0	M	М	-	-
vTIMCSI	0	M	М	-	-
dIMCS	0	M	M	-	-
gAAServiceType	0	M	M	-	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings	0	M	M	-	-
userSecuritySetting	0	M	М	-	-
userPublicIdentity	0	M	М	-	-
gAAAuthorizationflag	0	M	М	-	-
keyLifetime	0	M	M	-	-
uICCSecurityType	0	M	M	-	-
nAFGroupIdentity	0	M	M	-	-
Attribute related to role					
theServerCapabilities	0	M	-	-	-

# 4.3.8.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.8.4 Notifications

None.

# 4.3.9 SuMSubscriberProfile

# 4.3.9.1 Definition

This class represents the Subscriber Profile.

This class also contains the reference to its aggregated Subscribed Service as well as the users for a subscriber.

#### 4.3.9.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
suMSubscriberProfileInfo	M	M	0	-	-
Attribute related to role					
theUser	M	M	0	-	-
theSubscribedService	M	M	0	-	-
theMobileUserData	M	M	0	-	-

4.3.9.3 Attribute constraints

None.

4.3.9.4 Notifications

None.

4.3.10 SuMServiceProfile

4.3.10.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Service Profiles IOCs.

4.3.10.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theSpecification	M	M	0	-	-

4.3.10.3 Attribute constraints

None.

4.3.10.4 Notifications

None.

4.3.11 CSServiceProfile

4.3.11.1 Definition

This class represents for a subscribed CS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

# 4.3.11.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
vLRNumber	M	M	-	-	-
mSCNumber	M	M	-	-	-
subscriptionRestriction	0	M	M	-	-
mSCAreaRestrictedFlag	M	M	-	-	-
oDBinducedBarringData	0	M	-	-	-
roamingRestrictionDueTo	M	M	-	-	-
UnsupportedFeature					
lSAIdentity	0	M	M	-	-
lSAPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	М	М	-	-
lSAActiveModeSupportIndicator	0	М	М	-	-
lSAOnlyAccessIndicator	0	М	М	-	-
lSAActiveModeIndicator	0	М	М	-	-
vPLMNIdentifier	0	М	М	_	-
ageIndicator	0	M	-	-	-
lmsi	M	M	_	_	_
mobileStationCategory	M	M	М	_	_
lMUIdentifier	O	M	M	_	_
mNRRMSC	M	M	-	<u> </u>	_
notificationToCSEFlagForODB	O	M	-	<u>-</u>	-
gsmSCFaddresslistForODB	0	M	M	-	-
messagesWaitingData	0	M		-	-
mobileStationNotReachableFlag		M	-	-	-
	0		-	-	-
memoryCapacityExceededFlag traceReference	M	M	-	-	-
	0	M	-	-	-
traceType	0	M	-	-	-
operationsSystemsIdentity	0	M	-	-	-
hLRTraceType	0	M	-	-	-
mAPErrorOnTrace	0	M	-	-	-
traceActivatedInVLR	0	M	-	-	-
provisionOfBearerService	M	M	M	-	-
provisionOfTeleservice	M	M	M	-	-
bCAllocation	0	M	M	-	-
checkSSIndicator	M	M	-	-	-
mSPurgedForNonGPRSFlag	M	M	-	-	-
barringOfIncomingCalls	0	M	M	-	-
barringOfPremiumRateCalls	0	М	М	-	-
barringOfSupplementaryService	0	М	М	-	-
Management					
barringOfRegistrationOfCall	0	М	М	-	-
Forwarding					
barringOfInvocationOfCallTransfer	0	М	М	-	-
vGCSGroupMembershipList	0	M	M	-	-
vBSGroupMembershipList	0	M	M	-	-
broadcastCallInitiationAllowedList	0	M	M	_	-
originatingCAMELSubscription	0	M	M	_	_
InformationOCSI			'''		
terminatingCAMELSubscription	0	M	М	_	_
InformationTCSI			141		
vMSCTerminatingCAMEL	0	M	М	-	_
SubscriptionInformationVTCSI			141		
locationInformationSubscriber	0	M	М	-	-
StateInformation			'''		
uSSDCAMELSubscription	0	M	М	-	_
InformationUCSI		IVI	IVI	_	_
sSInvocationNotificationSSCSI	0	M	M	-	_
translationInformationFlagTIFCSI	0	M	M	-	_
dialledServiceCAMELSubscription	0	M	M		_
InformationDCSI		IVI	IVI	_	_
	1		l		
uSSDGeneralCAMELService	0	M	M	_	_

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
oCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
sSCSINegotiatedCAMEL	0	М	-	-	-
CapabilityHandling					
vTCSINegotiatedCAMEL	0	М	-	-	-
CapabilityHandling					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mOSMSCSIVLRNegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
mCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
vLRSupportedCAMELPhases	0	M	-	-	-
gsmSCFaddressforCSI	0	M	M	-	-
vLROfferedCAMEL4CSIs	0	M	-	-	-
iSTAlertTimer	0	M	М	-	-
cSAllocationRetentionpriority	0	М	М	-	-
Attribute related to role					
theCSSupplServiceForCSSP	0	M	0	-	-

# 4.3.11.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.11.4 Notifications

None.

# 4.3.12 GPRSSServiceProfile

# 4.3.12.1 Definition

This class represents for a subscribed GPRS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

# 4.3.12.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
vLRNumber	M	M	-	-	-
lSAIdentity	0	M	M	-	-
lsAPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	М	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	М	M	-	-
ageIndicator	0	М	-	-	-
sGSNNumber	M	М	-	-	-
gGSNNumber	M	М	М	-	-
mNRG	M	M	-	_	-
provisionofTeleservice	0	M	М	_	-
transferofSMoption	M	M	M	-	_
mSpurgedforGPRSflag	M	M	-	_	_
pDPType	0	M	М	_	-
pDPAddress	0	M	M	_	_
gGSNlist	M	M	-	-	_
qualityofServiceSubscribed	O	M	M		_
pDPContextIdentifier	0	M	-		_
pDPContextChargingCharacteristics	0	M	M	-	-
gPRSCAMELSubscriptionInformation	0	M	M	-	-
GPRSCSI	U	IVI	IVI	-	_
mOShortMessageServiceCAMEL	0	М	M	_	
SubscriptionInformationMOSMSCSI	O	IVI	IVI	-	_
mTShortMessageServiceCAMEL	0	М	М	-	_
SubscriptionInformationMTSMSCSI		IVI	IVI		
mOSMSCSISGSNNegotiatedCAMEL	0	М	М	_	_
CapabilityHandling		101	101		
mTSMSCSISGSNNegotiatedCAMEL	0	М	М	_	_
CapabilityHandling					
mobilityManagementforGPRS	0	М	М	-	_
eventnotificationMGCSI					
mGCSINegotiatedCAMEL	0	М	М	_	-
CapabilityHandling					
gPRSCSINegotiatedCAMEL	0	М	-	-	-
CapabilityHandling	_				
sGSNSupportedCAMELPhases	0	М	-	-	-
sGSNOfferedCAMEL4CSIs	0	M	-	-	-
gsmSCFaddressforCSI	0	M	М	-	-
gSMSCFaddresslistForODB	0	M	M	-	-
iPSMGWNumber	0	M	-	_	_
mNRR-SGSN	0	M	_	-	_
notificationToCSEFlagForODB	0	M	_	_	_
Attribute related to role		101			
theGPRSSupplServiceForGPRSSP	0	М	0	-	-
		171		_	

# 4.3.12.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.12.4 Notifications

None.

# 4.3.13 IMSServiceProfile

# 4.3.13.1 Definition

This class represents for a subscribed IMS (see 3GPP TS 23.008 [7]) service the service preferences and settings chosen for a user.

This class contains the reference to its aggregated IMS Public Identifications.

## 4.3.13.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifvable
listofauthorizedvisitednetwork	M	M	M	-	-
identifiers	IVI	IVI	IVI	_	_
registrationStatus	M	М	М	-	-
sCSCFName	0	М	-	-	-
diameterClientAddressofSCSCF	0	М	-	-	-
subscribedMediaProfileIdentifi	0	М	М	-	-
er					
initialFilterCriteriaList	0	M	М	-	-
applicationServerInformation	0	M	М	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionNa	0	M	M	-	-
me					
secondaryEventChargingFunction	0	M	M	-	-
Name					
primaryChargingCollectionFunct	M	M	M	-	-
ionName					
secondaryChargingCollectionFun	0	M	M	-	-
ctionName gsmSCFaddressforIMCSI	0				
iMSSFaddressforIMCSI	0	M M	M	-	-
oIMCSI	0	M M	_ M	-	-
	0		•••	-	-
vTIMCSI		M	M M	-	-
dIMCS	0	M		-	-
gAAServiceType		M	M	-	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings		M	M	-	-
userSecuritySetting	0	M	M	-	-
userPublicIdentity	0	M	M	-	-
gAAAuthorizationflag	0	M	M	-	-
keyLifetime	0	M	M	-	-
uICCSecurityType	0	M	M	-	-
nAFGroupIdentity	0	M	M	-	-
thePublicId	M	M	0	-	-
Attribute related to role	0	N.4			
theServerCapabilities	0	M	-	-	-

# 4.3.13.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

## 4.3.13.4 Notifications

None.

# 4.3.14 SubscriptionFunction

## 4.3.14.1 Definition

This class represents subscription functionality.

All managed elements related to the subscription of services have this functionality.

This class inherits from ManagedFunction (defined in 32.622 [6]).

This class contains the reference to its aggregated Users.

This class contains the reference to its aggregated Subscriber Profiles.

#### 4.3.14.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theUser	M	M	0	-	-
theSubscriberProfile	M	M	0	-	-

#### 4.3.14.3 Attribute constraints

None.

#### 4.3.14.4 Notifications

None.

# 4.3.15 SuMCSSupplService

# 4.3.15.1 Definition

This class represents a Supplementary Service for a CS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the CS supplementary service from subscription point of view.

# 4.3.15.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
sS-Code	M	M	M	-	-
provisioningState	M	M	M	-	-
activationState	M	M	M	-	-
registrationState	0	M	M	-	-
overrideCategory	0	М	M	-	-
cLIRestrictionOption	0	М	M	-	-
forwarded-toNumber	0	М	M	-	-
forwarded-toSubaddress	0	M	M	-	-
noReplyConditionTimer	0	M	M	-	-
maximumEntitledPriority	0	M	M	-	-
defaultPriority	0	M	M	-	-
nbrUser	0	М	M	-	-
nbrSB	0	M	M	-	-

# 4.3.15.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.15.4 Notifications

# 4.3.16 SuMGPRSSupplService

## 4.3.16.1 Definition

This class represents a Supplementary Service for a GPRS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the GPRS supplementary service from subscription point of view.

#### 4.3.16.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
sS-Code	M	M	M	-	-
provisioningState	M	M	M	-	-
activationState	M	M	M	-	-

# 4.3.16.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.16.4 Notifications

None.

# 4.3.17 SuMUser

# 4.3.17.1 Definition

This class represents a User.

This class contains the valid parameters that define the User from subscription point of view.

#### 4.3.17.2 Attributes

Attribute name Attribute related to role	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
theMobileUserData	M	M	0	-	-
theSubscriber	0	M	0	-	-
theCredentials	M	M	0	-	-
theServiceProfile	M	M	0	-	-
theIdentity	0	M	0	-	-

# 4.3.17.3 Attribute constraints

None.

#### 4.3.17.4 Notifications

# 4.3.18 SuMCredentials

## 4.3.18.1 Definition

This class represents a User's credentials.

This class contains the valid parameters that define the credentials from subscription point of view.

# 4.3.18.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
iMSPrivateUserIdentity	M	M	M	-	-
Attribute related to role					
thePublicId	M	M	0	-	-
theServiceProfile	M	M	0	-	-

## 4.3.18.3 Attribute constraints

Name	Definition
theServicePro file	If theServiceProfile points to at least one instance of IMSServiceProfile, thePublicId of the same object instance of SuMCredentials may not point to any instance of IMSPublicIdentification.
	All instances of this relationship from the same object instance of SuMCredentials shall be to object instances of IMSServiceProfile that are
	i) name-contained by the same object instance of SuMUser as name-contains the SuMCredentials object instance, and
	<ul><li>ii) associated (through the relationship to SuMSubscribedService name- contained by SuMSubscriberProfile) to a single object instance of SuMSubscriberProfile.</li></ul>
thePublicId	If the Public I d points to at least one instance of IMSPublic I dentification, the Service Profile of the same object instance of SuMC redentials may not point to any instance of IMSService Profile.
	All instances of this relationship from the same object instance of SuMCredentials shall be to object instances of IMSPublicIdentification that are name-contained by object instances of IMSServiceProfile that are
	i) name-contained by the same object instance of SuMUser as name-contains the SuMCredentials object instance, and
	<ul><li>ii) associated (through the relationship to SuMSubscribedService name- contained by SuMSubscriberProfile) to a single object instance of SuMSubscriberProfile.</li></ul>

# 4.3.18.4 Notifications

None.

# 4.3.19 IMSPublicIdentification

# 4.3.19.1 Definition

This class represents the IMS Public Identification (see 3GPP TS 23.008 [7] and 3GPP TS 29.228 [8]).

This class contains the valid parameters that define the IMS Public Identification from subscription point of view.

## 4.3.19.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
publicUserIdentity	M	M	M	-	-
barringIndication	M	M	M	-	-

4.3.19.3 Attribute constraints

None.

4.3.19.4 Notifications

None.

4.3.20 MobileUserData

4.3.20.1 Definition

This class represents user data of a mobile User Equipment.

This class contains the valid parameters that define the user data of the mobile User Equipment from subscription point of view.

#### 4.3.20.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
theServiceProfile	M	M	0	-	-
iMSI	M	M	М	-	-
mSISDN	M	M	М	-	-
multinumberingMSISDNs	M	M	М	-	-
iMEISV	0	M	-	-	-

4.3.20.3 Attribute constraints

None.

4.3.20.4 Notifications

None.

4.3.21 SuMServiceParameter

4.3.21.1 Definition

This class represents a structured Service Parameter defined for a service and is an abstract class provided for subclassing only.

This class shall be used as a base when having the requirement to provision common shared data referred to by specific SuMSubscribedService or SuMServiceProfile instances.

4.3.21.2 Attributes

4.3.21.3 Attribute constraints

None.

4.3.21.4 Notifications

None.

4.3.22 SuMIdentity

4.3.22.1 Definition

This class represents a user related identity, regardless of any type service to be provisioned and is an abstract class provided for sub-classing only.

This class allows an identity to be used for multiple services.

4.3.22.2 Attributes

None.

4.3.22.3 Attribute constraints

None.

4.3.22.4 Notifications

None.

4.3.23 ServerCapabilities

4.3.23.1 Definition

This class is used to provision common shared ServerCapabilities data referred by specific SuMSubscribedService or SuMServiceProfile instances.

This class contains information to assist the I-CSCF in the selection of an S-CSCF for an IMS subscriber or a PSI user.

## 4.3.23.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
serverCapabilities	M	M	M	-	-

4.3.23.3 Attribute constraints

None.

4.3.23.4 Notifications

None.

4.3.24 EPSService

4.3.24.1 Definition

This class represents an EPS service (see 3GPP TS 23.008 [7]) provided by a service provider. This class contains the valid parameters that define the EPS service from a subscription point of view.

# 4.3.24.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
accessPointName	O O	M	M	ISIIIValialit	isivotilyable
access Restriction Data	0	M	M	_	-
aPNAMBR	M	M	M	-	-
barringofPacketOrientedService	O	M	M	_	-
s		IVI	IVI	_	-
contextIdentifier	M	М	М	-	_
operatorDeterminedBarringPLMNs	0	M	M	_	_
pecificData		IVI	171		
pDNAddress	0	М	М	_	-
rSZILists	0	M	M	_	-
sTNSR	0	M	M	-	-
subscribedChargingCharacterist	0	М	М	_	-
ics					
subscriberStatus	0	M	M	-	-
networkAccessMode	M	M	М	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	M	М	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
iCSIndicator	0	M	M	-	-
aPNOIReplacement	0	M	M	-	-
subscribedUEAMBR	M	M	M	-	-
aPNConfigurationProfile	M	M	M	-	-
rFSP	0	M	M	-	-
vPLMNAddressAllowed-EPS	M	M	M	-	-
pDNGWIdentity	0	M	M	-	-
ePSPDNConnectionChargingCharac	0	M	M	-	-
teristics					
pDNGWAllocationType	M	M	M	-	-
aPNLevelAPNOIReplacement	0	M	M	-	-
closedSubscriberGroupInformati	0	M	M	-	-
on					
listofauthorizedvisitednetwork	0	M	M	-	-
identifiers	_				
staticWLANUERemoteIPAddressLis t	0	М	M	-	-
w-APNBarringTypeList	0	М	М	_	-
w-APNChargingDataList	0	M	M	_	-
wLANUERemoteIPAddress	0	M	M	_	-
accessDependenceFlag	0	M	M	_	-
chargingCharacteristics	0	M	M	_	-
primaryOCSChargingFunctionName	0	M	M	_	-
secondaryOCSChargingFunctionNa	0	M	M	_	-
me					
primaryChargingCollectionFunct	0	М	М	-	-
ionName					
secondaryChargingCollectionFun	0	M	M	-	-
ctionName					
w-APNIdentifierList	0	M	М	-	-
maxNumberAccessesList	0	М	М	-	-
maxSubscribedBandwidth	0	М	М	-	-
subscribed3GPPWLANQoSProfile	0	М	М	-	-
permanentUserIdentity	0	M	М	-	-
mIPSubscriberProfile	0	M	М	-	-
accessRestrictionData	0	М	М	-	-

## 4.3.24.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

# 4.3.24.4 Notifications

None.

# 4.3.25 EPSSubscribedService

# 4.3.25.1 Definition

This class represents subscription to an EPS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of EPS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for EPS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for an EPS service that a Subscriber subscribes to.

# 4.3.25.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
accessPointName		M	M	isilivarialit	isivotti yabie
access Restriction Data	0	M	M	-	-
aPNAMBR	M	M	M	-	-
barringofPacketOrientedServices		M	M	-	-
contextIdentifier	0			-	-
	M	M	M	-	-
operatorDeterminedBarringPLMNspec ificData	0	M	M	-	-
	0	N 4	N 4		
pDNAddress	0	M	M	-	-
rSZILists	0	M	M	-	-
stnsr	0	M	M	-	-
subscribedChargingCharacteristics	0	M	M	-	-
subscriberStatus	0	M	M	-	-
networkAccessMode	M	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	M	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
iCSIndicator	0	M	M	-	-
aPNOIReplacement	0	M	M	-	-
subscribedUEAMBR	M	M	M	-	-
aPNConfigurationProfile	M	M	M	-	-
rFSP	0	M	М	-	-
vPLMNAddressAllowed-EPS	M	M	М	-	-
pDNGWIdentity	0	M	M	-	-
ePSPDNConnectionChargingCharacter	0	M	М	-	-
istics					
pDNGWAllocationType	M	M	М	-	-
aPNLevelAPNOIReplacement	0	M	М	-	-
closedSubscriberGroupInformation	0	M	M	-	-
Listofauthorizedvisitednetworkide	0	M	М	-	-
ntifiers					
wLANUERemoteIPaddress	0	M	M	-	-
staticWLANUERemoteIPAddressList	0	M	М	-	-
w-APNBarringTypeList	0	М	М	-	-
w-APNChargingDataList	0	М	М	-	-
accessDependenceFlag	0	М	М	-	-
chargingCharacteristics	0	M	M	-	-
primaryOCSChargingFunctionName	0	M	M	-	-
secondaryOCSChargingFunctionName	0	M	M	-	-
primaryChargingCollectionFunction	Ö	M	M	_	-
Name					
secondaryChargingCollectionFuncti	0	М	М	-	-
onName					
w-APNIdentifierList	0	M	М	-	-
maxNumberAccessesList	0	M	M	_	-
maxSubscribedBandwidth	0	M	M	_	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
permanentUserIdentity	0	M	M	_	_
mIPSubscriberProfile	0	M	M	_	-
accessRestrictionData	0	M	M	-	-
acception of fortification		141	171		-

# 4.3.25.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.25.4 Notifications

None.

# 4.3.26 EPSServiceProfile

# 4.3.26.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

# 4.3.26.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
aPNAMBR	M	M	M	-	-
contextIdentifier	M	M	M	-	-
pDNAddress	0	M	M	-	-
aPNOIReplacement	Ö	M	M	-	-
subscribedUEAMBR	M	M	M	-	-
aPNConfigurationProfile	M	М	М	-	-
rFSP	0	М	М	-	-
pDNGWIdentity	0	М	М	-	-
ePSPDNConnectionChargingCharacteris	0	M	М	-	-
tics					
vPLMNAddressAllowed-EPS	M	М	M	-	-
pDNGWAllocationType	M	М	M	-	-
aPNLevelAPNOIReplacement	0	M	M	-	-
roamingRestrictionDueToUnsupportedF	M	M	-	-	-
eatureMME					
roamingRestrictionDueToUnsupportedF	M	M	-	-	-
eatureSGSN					
mSPurgedForEPSFlag	M	M	-	-	-
urrpmme	0	M	-	-	-
mMEName	M	M	-	-	-
sGSNName	M	M	-	-	ı
iWFNumber	0	M	-	-	•
sGSNAreaRestrictedFlag	M	М	-	-	•
Attribute related to role					
theOptHandover3GPP2Par	M	M	0	-	-
theNon3GPPAccessPar	M	M	0	-	-

## 4.3.26.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.26.4 Notifications

# 4.3.27 PSCommonServiceProfile

## 4.3.27.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to PS Service Profile IOCs (Regarding GPRS or EPS service, please see 3GPP TS 23.008 [7]).

## 4.3.27.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
roamingRestrictedintheSGSNduetoun	M	М	-	-	-
supportedfeature					
barringofPacketOrientedServices	0	М	М	-	-
iPAddressOfTraceCollectionEntity	0	М	-	-	-
accessPointName	0	М	М	-	-
subscribedChargingCharacteristics	0	М	М	-	-
sTNSR	0	М	М	-	-
closedSubscriberGroupInformation	0	М	М	-	-
theIWANPar	M	М	0	-	-

# 4.3.27.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.27.4 Notifications

# 4.3.28 IWANParameters

## 4.3.28.1 Definition

This class represents for a subscribed GPRS or EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to IWAN services.

## 4.3.28.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
w-APN	0	M	-	-	-
listofauthorizedvisitednetwo rkidentifiers	0	M	M	-	-
3GPPAAAServerName	0	М	-	-	-
3GPPAAAProxyName	0	М	-	-	-
wLANUERemoteIPaddress	0	М	М	-	-
staticWLANUERemoteIPAddressL ist	0	M	M	-	-
w-APNBarringTypeList	0	М	М	-	-
w-APNChargingDataList	0	М	М	-	-
accessDependenceFlag	0	М	М	-	-
i-WLANAccessType	0	М	-	-	-
wLANIdentifierList	0	М	М	-	-
maxNumberAccessesList	0	М	М	-	-
maxSubscribedBandwidth	0	М	М	-	-
subscribed3GPPWLANQoSProfile	0	М	М	-	-
chargingCharacteristics	M	М	М	-	-
primaryOCSChargingFunctionNa me	0	M	M	-	-
secondaryOCSChargingFunction Name	0	M	M	-	-
<pre>primaryChargingCollectionFun ctionName</pre>	0	M	M	-	-
secondaryChargingCollectionF unctionName	0	M	M	-	-
userStatus	M	М	-	-	-

# 4.3.28.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

## 4.3.28.4 Notifications

# 4.3.29 OptHandover3GPP2Parameters

## 4.3.29.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to the optimization of handover to a 3GPP2 network.

## 4.3.29.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rATType	0	M	-	-	-

#### 4.3.29.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

## 4.3.29.4 Notifications

None.

# 4.3.30 Non3GPPAccessParameters

## 4.3.30.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to use of a non-3GPP access network.

## 4.3.30.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rATType	0	M	-	-	-
visitedNetworkIdentifier	0	M	-	-	-
mIPSubscriberProfile	М	M	М	-	-
permanentUserIdentity	М	M	M	-	-

# 4.3.30.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

## 4.3.30.4 Notifications

# 4.3.31 Common3GPPAccessServiceProfile

## 4.3.31.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to CS/PS Service Profile IOCs (Regarding CS, GPRS or EPS service, please see 3GPP TS 23.008 [7]).

## 4.3.31.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rSZIlists	0	M	M	-	-
accessRestrictionData	0	М	M	-	-
subscriberStatus	0	M	M	-	-
barringOfOutgoingCalls	0	М	M	-	-
barringOfRoaming	0	M	M	-	-
operatorDeterminedBarringPLMNs	0	М	М	-	-
pecificData					
traceReference2	0	M	-	-	-
traceDepth	0	M	-	-	-
listOfNETypestoTrace	0	M	-	-	-
triggeringEvents	0	М	-	-	-
listOfInterfacesToTrace	0	М	-	-	-
privacyExceptionList	0	М	M	-	-
gMLCNumbers	0	М	М	-	-
iCSIndicator	0	M	M	-	-
mOLRList	0	М	М	-	-
serviceTypes	0	M	M	-	-
networkAccessMode	M	M	M	-	-

# 4.3.31.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

# 4.3.31.4 Notifications

None.

# 4.4 Attribute definitions

# 4.4.1 Attribute properties

The following table defines the properties of attributes specified in the present document.

Attribute Name	Documentation and Allowed values	Properties
suMSubscriberProfileInfo	A description of (information for) the Subscriber Profile.	type: String
	It is with free structure and format.	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMSI	23.008 clause 2.1.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
networkAccessMode	23.008 clause 2.1.1.2	isNullable: False type: String
networkAccesshode	23.000 Gause 2.1.1.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. TVA	isNullable: False
mSISDN	23.008 clause 2.1.2	type: String
	20.000 Gause 2.1.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
multinumberingMSISDNs	23.008 clause 2.1.3	type: < <datatype>&gt;</datatype>
- 5		multiplicity: 1
	It is a sequence of two items:	isOrdered: N/A
	An MSISDN number (string)	isUnique: N/A
	2) A multinumberingMSISDNIndicator which can be	defaultValue: None
	one of two choices:	isNullable: False
	a) "BASIC"	
	b) "ALERT"	
	, and the second	
	allowedValues: N/A	
basicMSISDNIndicator	23.008 clause 2.1.3.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSISDNAlertIndicator	23.008 clause 2.1.3.2	type: String
		multiplicity: 1
		isOrdered: N/A
	allowed Values AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
lmet		defaultValue: None isNullable: False
lmsi	allowedValues: N/A 23.008 clause 2.1.8	defaultValue: None isNullable: False type: String
lmsi		defaultValue: None isNullable: False type: String multiplicity: 1
lmsi		defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
lmsi	23.008 clause 2.1.8	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
lMSI		defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	23.008 clause 2.1.8 allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	23.008 clause 2.1.8	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String
	23.008 clause 2.1.8 allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1
lMSI mobileStationCategory	23.008 clause 2.1.8 allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
	23.008 clause 2.1.8 allowedValues: N/A 23.008 clause 2.2.1	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	23.008 clause 2.1.8 allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
mobileStationCategory	23.008 clause 2.1.8  allowedValues: N/A  23.008 clause 2.2.1  allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
mobileStationCategory	23.008 clause 2.1.8 allowedValues: N/A 23.008 clause 2.2.1	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String
mobileStationCategory	23.008 clause 2.1.8  allowedValues: N/A  23.008 clause 2.2.1  allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1
mobileStationCategory	23.008 clause 2.1.8  allowedValues: N/A  23.008 clause 2.2.1  allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
	23.008 clause 2.1.8  allowedValues: N/A  23.008 clause 2.2.1  allowedValues: N/A	defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1

iMEISV	23.008 clause 2.2.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscriptionRestriction	23.008 clause 2.4.10	type: String
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20.000 0.0000 2. 1110	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
rSZIlists	23.008 clause 2.4.11.1	type: String
	25.000 014436 2.4.11.1	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSCAreaRestrictedFlag	23.008 clause 2.4.12	
mscareakestricteuriag	23.006 Clause 2.4.12	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
a CONTantantantantantantantantantantantantanta	00 000 -1	10.10.10.10.10.10.10.10.10.10.10.10.10.1
sGSNarearestrictedflag	23.008 clause 2.4.14	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
oDBinducedBarringData	23.008 clause 2.4.15.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictionDueToU	23.008 clause 2.4.15.2	type: String
nsupportedFeature		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictedintheSG	23.008 clause 2.4.15.3	type: String
SNduetounsupportedfeatur		multiplicity: 1
e		isOrdered: N/A
C		
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAIdentity	23.008 clause 2.4.17.1	type: String
<u>*</u>		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lsaPriority	23.008 clause 2.4.17.2	type: String
	20.000 010000 2.7.17.2	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAPreferentialAccessInd	22 000 clause 2 4 47 24	
	23.000 clause 2.4.17.2A	type: String
icator		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
1	anowou values. IV/A	
i		isNullable: False

lSAActiveModeSupportIndi	23.008 clause 2.4.17.2B	type: String
cator		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAOnlyAccessIndicator	23.008 clause 2.4.17.3	type: String
-		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAActiveModeIndicator	23.008 clause 2.4.17.4	type: String
IDAACCI VCMOGCINGICACOI	23.000 Clause 2.4.17.4	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNIdentifier	00.000   0.4.47.5	
VPLMNIdentiller	23.008 clause 2.4.17.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. IV/A	
		isNullable: False
accessRestrictionData	23.008 clause 2.4.18	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vLRNumber	23.008 clause 2.4.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSCNumber	23.008 clause 2.4.6	type: String
ing civamper	25.000 Gause 2.4.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
a C C NTNT ymb o ye	22.000 alaura 2.4.0.4	
sGSNNumber	23.008 clause 2.4.8.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
and CANATa and a co	00.000 -1 0.400	
gGSNNumber	23.008 clause 2.4.8.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
provisionOfBearerService	23.008 clause 2.5.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
provisionOfTeleservice	23.008 clause 2.5.2	type: String
	25.500 5.000 2.0.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
1		isNullable: False
		portunation i also

bCAllocation	23.008 clause 2.5.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
transferofSMoption	23.008 clause 2.5.4	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/7	isNullable: False
mNRG	23.008 clause 2.7.2	type: String
IIIIVICG	25.000 clause 2.7.2	multiplicity: 1
		isOrdered: N/A
	allawad\/aksas N/A	isUnique: N/A   defaultValue: None
	allowedValues: N/A	
1 1000 11		isNullable: False
checkSSIndicator	23.008 clause 2.7.4.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSPurgedForNonGPRSFlag	23.008 clause 2.7.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowa valado. 1471	isNullable: False
mSpurgedforGPRSflag	23.008 clause 2.7.6	type: String
mspurgearorerRsrrag	25.000 clause 2.7.0	multiplicity: 1
		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A
	allowed values: N/A	defaultValue: None
ALD DATE OF	00.000 1 0.77	isNullable: False
mNRRMSC	23.008 clause 2.7.7	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscriberStatus	23.008 clause 2.8.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfOutgoingCalls	23.008 clause 2.8.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	isNullable: False
barringOfIncomingCalls	22 009 dougo 2 9 2 2	
DarringOrincomingCalls	23.008 clause 2.8.2.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfRoaming	23.008 clause 2.8.2.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	•	

barringOfPremiumRateCall	23.008 clause 2.8.2.4	type: String
s		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
barringOfSupplementarySe	23.008 clause 2.8.2.5	type: String
rviceManagement		multiplicity: 1
_		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
barringOfRegistrationOfC	23.008 clause 2.8.2.6	type: String
allForwarding		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
barringOfInvocationOfCal	23.008 clause 2.8.2.7	type: String
lTransfer		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allawa d\/alwaa, NI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringofPacketOrientedS	23.008 clause 2.8.2.8	type: String
ervices		multiplicity: 1
		isOrdered: N/A
		1
	II N/ I NI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
operatorDeterminedBarrin	23.008 clause 2.8.3	type: String
gPLMNspecificData		multiplicity: 1
grinnspectificbata		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
notificationToCSEFlagFor	23.008 clause 2.8.4	type: String
ODB		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	II N/ I NI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
gsmSCFaddresslistForODB	23.008 clause 2.8.5	type: String
		multiplicity: 1
		isOrdered: N/A
	II   D./ I   AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
messagesWaitingData	23.008 clause 2.10.1	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mobileStationNotReachabl	23.008 clause 2.10.2	type: String
eFlaq		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
memoryCapacityExceededFl	23 008 dayse 2 10 2	type: String
	20.000 Glause 2.10.3	
ag		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
1	anomou valado. 14/71	isNullable: False
		Harvullable, Faide

	<u> </u>	
traceReference	23.008 clause 2.11.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	3	isNullable: False
traceType	23.008 clause 2.11.2	type: String
5145517F5	25.000 014430 2.11.2	multiplicity: 1
		isOrdered: N/A
	allowed\/aluge, N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
·		isNullable: False
operationsSystemsIdentit	23.008 clause 2.11.3	type: String
У		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
hLRTraceType	23.008 clause 2.11.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/70	isNullable: False
mAPErrorOnTrace	23.008 clause 2.11.5	type: String
INTI DI CITILI ACE	23.000 Gause 2.11.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
traceActivatedInVLR	23.008 clause 2.11.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
traceActivatedinSGSN	23.008 clause 2.11.7	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/70	isNullable: False
vGCSGroupMembershipList	23.008 clause 2.12.1	
VGCSGIOupMembelsHipHisc	23.006 Clause 2.12.1	type: String
		multiplicity: 1
		isOrdered: N/A
	allowed Value at A1/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vBSGroupMembershipList	23.008 clause 2.12.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
broadcastCallInitiationA	23.008 clause 2.12.2.1	type: String
llowedList		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
IN DOMESTIC O	00,000 -1 0,40,4	isNullable: False
pDPType	23.008 clause 2.13.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	-	

gGSNlist	23.008 clause 2.13.11	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values. IN/A	defaultValue: None
		isNullable: False
qualityofServiceSubscrib	23.008 clause 2.13.12	type: String
ed		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/71	isNullable: False
DD111	20.000 1 0.40.0	
pDPAddress	23.008 clause 2.13.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPContextIdentifier	23.008 clause 2.13.24	type: String
purconcexcidentifier	23.006 clause 2.13.24	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPContextChargingCharac	22 008 clause 2 12 25	10.10.00.00.00
	23.000 Clause 2.13.25	type: String
teristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
accessPointName	22 000 days 2 42 0	
accessPointName	23.008 clause 2.13.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNAddressAllowed	00 000 -1 0 40 0	
VPLMNAddressallowed	23.008 clause 2.13.8	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNAddressAllowed-EPS	23.008 clause 2.13.40	
VPLMMAGGIESSATIOWEG-EPS	23.006 clause 2.13.40	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
originatingCAMELSubscrip	23.008 clause 2.14.1.1/3.1	type: String
	23.000 clause 2.14.1.1/3.1	
tionInformationOCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPRSCAMELSubscriptionInf	23.008 clause 2.14.1.10/2.14.4.4	type: String
ormationGPRSCSI	20.000 Glause 2.14.1.10/2.14.4.4	
OT IIIQ C TOTIOP K A C A C A C A C A C A C A C A C A C A		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
dialledServiceCAMELSubsc	23 008 clause 2 14 1 11/2 7	type: String
	20.000 Gause 2.14.1.11/3./	
riptionInformationDCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
1		isNullable: False
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mobilityManagementforGPR SeventnotificationMGCSI  seventnotificationMGCSI  allowedValues: N/A  allowedValu			T. O. I
allowedValues: N/A allowedValues: N/A allowedValues: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A allowedValues: N/A isUnique: N/A per String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique:		23.008 clause 2.14.1.12/2.14.4.4	type: String
allowedValues: N/A  allowedValues: N/A  defaultValue: None isNullable: False  terminatingCAMELSubscrip tionInformationTCSI  allowedValues: N/A  al	SeventnotificationMGCSI		multiplicity: 1
allowedValues: N/A  defaultValue: None isNullable: False terminatingCAMELSubscrip tionInformationTCSI  23.008 clause 2.14.1.2  wight in items in it			isOrdered: N/A
allowedValues: N/A  defaultValue: None isNullable: False terminatingCAMELSubscrip tionInformationTCSI  23.008 clause 2.14.1.2  wight in items in it			isUnique: N/A
IsNullable: False		allowedValues: N/A	•
ExaminatingCAMELSubscrip		anowed values. 14/7	
tionInformationTCSI  allowedValues: N/A  allow	torminatingCAMEI Subgaria	22.000 alougo 2.14.1.2	10.10.10.10.10.1
allowedValues: N/A allowedValues		23.008 clause 2.14.1.2	
allowedValues: N/A  allowedValues: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A  defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False	tionInformationTCSI		
allowedValues: N/A  allowe			isOrdered: N/A
isNullable: False  vypc: String multiplicity: 1 isOrdered: N/A isUnique: N/A allowedValues: N/A  allowedValues: N/A  isOrdered: N/A isUnique: N/A  isOrdered: N/A isOrdered			isUnique: N/A
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Lipor oung	shortMessageServiceCAMEL	23.008 clause 2.14.1.9/2.14.3.6	
SubscriptionInformationM multiplicity: 1			
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loordorda. Turk	TOMOCOT		
isUnique: N/A			
allowedValues: N/A defaultValue: None		allowedValues: N/A	
isNullable: False			isNullable: False
mTShortMessageServiceCAM 23.008 clause 2.14.1.9/2.14.4.2. type: String	mTShortMessageServiceCAM	23.008 clause 2.14.1.9/2.14 4 2	
ELSubscriptionInformatio multiplicity: 1			
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isUnique: N/A			
allowedValues: N/A defaultValue: None		allowedValues: N/A	defaultValue: None
isNullable: False			isNullable: False

gPRSCSINegotiatedCAMELCa	23.008 clause 2.14.2.1	type: String
pabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	isNullable: False
CCTNI	00.000   0.440.4	
mCSINegotiatedCAMELCapab	23.008 clause 2.14.2.1	type: String
ilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mGCSINegotiatedCAMELCapa	22 009 clause 2 14 2 1	type: String
	23.000 clause 2.14.2.1	, , ,
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOSMSCSISGSNNegotiatedCA	23 008 clause 2 14 2 1	type: String
MELCapabilityHandling	20.000 0.0000 2.1 1.2.1	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOSMSCSIVLRNegotiatedCAM	23.008 clause 2.14.2.1	type: String
ELCapabilityHandling		multiplicity: 1
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		isOrdered: N/A
		isUnique: N/A
	- II	
	allowedValues: N/A	defaultValue: None
		isNullable: False
mTSMSCSISGSNNegotiatedCA	23.008 clause 2.14.2.1	type: String
MELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
mTSMSCSIVLRNegotiatedCAM	23.008 clause 2.14.2.1	type: String
${ t ELCapability Handling}$		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
oCSINegotiatedCAMELCapab	22 000 dougo 2 14 2 1	
	23.008 clause 2.14.2.1	type: String
ilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sSCSINegotiatedCAMELCapa	23 008 clause 2 14 2 1	type: String
bilityHandling	20.000 010000 Z. 17.2. 1	
DITICYTIALIUITIIG		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vTCSINegotiatedCAMELCapa	23.008 clause 2.14.2 1	type: String
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	
	allowed Values: N/A	isNullable: False
SGSNOfferedCAMEL4CSIs	allowed Values: N/A 23.008 clause 2.14.2.2A	isNullable: False
SGSNOfferedCAMEL4CSIs		isNullable: False type: String
SGSNOfferedCAMEL4CSIs		isNullable: False type: String multiplicity: 1
SGSNOfferedCAMEL4CSIs		isNullable: False type: String multiplicity: 1 isOrdered: N/A
SGSNOfferedCAMEL4CSIs	23.008 clause 2.14.2.2A	isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
SGSNOfferedCAMEL4CSIs		isNullable: False type: String multiplicity: 1 isOrdered: N/A

vLROfferedCAMEL4CSIs	23.008 clause 2.14.2.2A	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sGSNSupportedCAMELPhases	23 008 clause 2 14 2 2	type: String
2 CONSUPPOR COUCH INDEX HOS CS	25.000 614436 2.14.2.2	multiplicity: 1
		isOrdered: N/A
	- II IV / - I N I / A	isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False
		10.10.00.00.00.00
vLRSupportedCAMELPhases	23.008 clause 2.14.2.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gsmSCFaddressforCSI	23.008 clause 2.14.2.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
uSSDGeneralCAMELServiceI	23 008 clause 2 14 2 3	type: String
nformationUGCSI	25.000 Gause 2.14.2.5	multiplicity: 1
III OI Macionogesi		isOrdered: N/A
	N N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iSTAlertTimer	23.008 clause 2.15.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
privacyExceptionList	23.008 clause 2.16.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/7	isNullable: False
gMLCNumbers	23.008 clause 2.16.1.2	
gridenumber s	23.006 clause 2.16.1.2	type: String multiplicity: 1
		isOrdered: N/A
	N N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOLRList	23.008 clause 2.16.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
serviceTypes	23.008 clause 2.16.1.4	type: String
- <del></del>		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. IV/A	isNullable: False
a ca Indiaa ta x	22.000 days 2.47.4	
ageIndicator	23.008 clause 2.17.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		·

cSAllocationRetentionpri	23.008 clause 2.18.1	type: String
ority		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. TVA	isNullable: False
subscribedChargingCharac	22 009 days 2 10 1	
teristics	23.000 clause 2.19.1	type: String
teristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMSPrivateUserIdentity	23.008 clause 3.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowa valuoo. 1471	isNullable: False
publicUserIdentity	00.000 alaura 0.4.0	
publicuseridentity	23.008 clause 3.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringIndication	23.008 clause 3.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	lallowedValues: N/A	
	allowed values: N/A	defaultValue: None
		isNullable: False
listofauthorizedvisitedn		type: String
etworkidentifiers	23.008 clause 3B.1.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
registrationStatus	23.008 clause 3.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowa valuos. 14/1	isNullable: False
sCSCFName	23.008 clause 3.2.2	
BCDCI INGILIE	23.000 Gause 3.2.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
diameterClientAddressofS	23.008 clause 3.2.3	type: String
CSCF		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/alvaerN/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
serverCapabilities	23.008 clause 3.4.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
initialFilterCriterialic	This attribute is a list which contains multiple items of	type: < <datatype>&gt;</datatype>
t	initialFilterCriteria (Ref. 23.008 clause 3.5.2)	multiplicity: 1*
		isOrdered: False
	It is a set of initialFilterCriteria (string)	isUnique: True
	, ,,,	defaultValue: None
	  allowedValues: N/A	isNullable: True
	anomou valado. 14/1	_
	I	1

applicationServerInforma	23.008 clause 3.5.3	type: String
tion		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
serviceIndicationList	This attribute is a list which contains multiple items of	type: < <datatype>&gt;</datatype>
	serviceIndication (Ref. 23.008 clause 3.5.4)	multiplicity: 1*
		isOrdered: N/A
	It is a set of serviceIndication (string)	isUnique: N/A
		defaultValue: None
		isNullable: True
	allowedValues: N/A	
	allowed values. N/A	
1 '1 14 1' 5 6'1 71	00.000 1 0.04	
subscribedMediaProfileId	23.008 clause 3.6.1	type: String
entifier		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
primaryEventChargingFunc	23 008 clause 3 7 1	type: String
tionName	23.008 clause 3B.7.4	
CIUIIVallie	23.000 Clause 3D.7.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
secondaryEventChargingFu	23 008 clause 3 7 2	type: String
nctionName	23.008 clause 3B.7.5	multiplicity: 1
lice to invalie	25.000 Glause 5B.7.5	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
primaryChargingCollectio	23.008 clause 3.7.3	type: String
nFunctionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	isNullable: False
1 61 ' 6 11 '	00.000   0.7.4	
secondaryChargingCollect	23.008 clause 3.7.4	type: String
ionFunctionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gsmSCFaddressforIMCSI	23.008 clause 3.8.4	type: String
35 moet adat costor incor	20.000 dauge 0.0. <del>1</del>	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMSSFaddressforIMCSI	23.008 clause 3.8.5	type: String
		multiplicity: 1
		isOrdered: N/A
	- Harris dV (also as Al/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
oIMCSI	23.008 clause 3.8.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
1		isNullable: False

vTIMCSI	23.008 clause 3.8.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
dIMCS	23.008 clause 3.8.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gAAServiceType	23.008 clause 3A.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gAAServiceIdentifier	23.008 clause 3A.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gBAUserSecuritySettings	23.008 clause 3A.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
userSecuritySetting	23.008 clause 3A.4	type: String
1,222		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomod valuos. 14/71	isNullable: False
userPublicIdentity	23.008 clause 3A.5	type: String
1		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowad valdoc. 14/70	isNullable: False
gAAAuthorizationflag	23.008 clause 3A.6	type: String
]	20.000 01000 07 1.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou valuos. 14//1	isNullable: False
keyLifetime	23.008 clause 3A.8	type: String
	20.000 010000 071.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	isNullable: False
uICCSecuritySetting	23.008 clause 3A.9	type: String
urcesecuritysecting	23.000 clause 3A.9	
		multiplicity: 1 isOrdered: N/A
	allowed\/aluga: N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
n A EConomic T d + +	00.000 -1	isNullable: False
nAFGroupIdentity	23.008 clause 3A.11	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	

w-APN	23.008 clause 3B.1.3	type: String
	20.000 0.0000 020	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
3GPPAAAServerName	23.008 clause 3B.1.6	type: String
	20.000 0.000 02.110	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
wLANUERemoteIPaddress	23.008 clause 3B.1.10	type: String
WEINGERIO CETT ddd CDD	25.000 diadac 55.1.10	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
staticWLANUERemoteIPAddr	00 000 days 0D 5 4 4	
	23.008 clause 3B.5.1.4	type: String
essList		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	unovrou v alaco. 14/71	
		isNullable: False
w-APNBarringTypeList	23.008 clause 3B.5.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	- II IV / - I N I / A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNChargingDataList	23.008 clause 3B.5.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
accessDependenceFlag	23.008 clause 3B.5.2	type: String
11 11 11 11	20.000 014400 05.0.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
i-WLANAccessType	23.008 clause 3B.5.3	
T WITH THE COURSE TAPE	20.000 Gause 30.0.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aharainaCharastaristiss	22 000 alauga 2D 7 1 1	
chargingCharacteristics	23.008 clause 3B.7.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. IN/A	
		isNullable: False
primaryOCSChargingFuncti	23.008 clause 3B.7.2	type: String
onName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	lallowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
secondaryOCSChargingFunc	23.008 clause 3B.7.3	type: String
tionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	•	

sS-Code	23.008 clause 2.6 29.002 clause 7.6.4.1	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False
provisioningState	23.008 clause 2.6 29.002 clause 7.6.4.2 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	allowed values: N/A	Isnullable: False
activationState	23.008 clause 2.6 29.002 clause 7.6.4.2	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False
registrationState	23.008 clause 2.6 29.002 clause 7.6.4.2	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False
overrideCategory	23.008 clause 2.6 29.002 clause 7.6.4.4	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	allowedValues: N/A	defaultValue: None isNullable: False
cLIRestrictionOption	23.008 clause 2.6 29.002 clause 7.6.4.5	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False
forwarded-toNumber	23.008 clause 2.6 29.002 clause 7.6.2.22	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	allowedValues: N/A	defaultValue: None isNullable: False
forwarded-toSubaddress	23.008 clause 2.6 29.002 clause 7.6.2.23	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	allowedValues: N/A	defaultValue: None isNullable: False
noReplyConditionTimer	23.008 clause 2.6 29.002 clause 7.6.4.7	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False

maximumEntitledPriority	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.41	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
defaultPriority	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.41	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
nbrUser	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.47	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
nbrSB	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.47	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
Mara na Da fi a san na a a	22 000 Clause 2 44 0	A man Chrisa
TraceReference2	23.008 Clause 2.11.9	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
Mara and David la	00 000 01 0 44 40	isNullable: False
TraceDepth	23.008 Clause 2.11.10	type: String
		multiplicity: 1
		isOrdered: N/A
	- H - · · · · N / - I · · · N I / A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
T i at a fixe man a set a man a se	00,000,01	isNullable: False
ListofNeTypestoTrace	23.008 Clause 2.11.11	type: String
		multiplicity: 1 isOrdered: N/A
	allowed\/aluge: N//	isUnique: N/A defaultValue: None
	allowedValues: N/A	
Thi ganing Touch	22 000 Claves 0 44 40	isNullable: False
TriggeringEvents	23.008 Clause 2.11.12	type: String
		multiplicity: 1
		isOrdered: N/A
	allawa di /alwaa N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
LigtofIntonfoggatamer.	22 009 Clause 2 44 42	isNullable: False
ListofInterfacestoTrace	23.008 Clause 2.11.13	type: String
		multiplicity: 1
		isOrdered: N/A
	allowed\/al NI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
iCSIndicator	23.008 Clause 2.20.1	isNullable: False
TCSIIIIICACOI	23.000 Clause 2.20.1	type: String multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False

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iCSIndicator	23.008 Clause 2.20.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sTNSR	23.008 Clause 2.21.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomod valuoo. 14// (	isNullable: False
3GPPAAAProxyName	23.008 Clause 3B.1.5	type: String
JGF F AAAF I OX Y Natile	23.000 Glause 3B.1.3	multiplicity: 1
		isOrdered: N/A
	allowed Values AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNIdentifierList	23.008 Clause 3B.5.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
maxNumberAccessesList	23.008 Clause 3B.5.1.5	type: String
	20.000 01.000 02.0.1.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
0 1 11 15 1 111	00 000 01 00 0 4	isNullable: False
maxSubscribedBandwidth	23.008 Clause 3B.6.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribed3GPPWLANQoSPro	23.008 Clause 3B.6.4	type: String
file		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
userStatus	23.008 Clause 3B.2.1	. 0
abelbeaeab	25.000 Glause 3B.2.1	type: String  multiplicity: 1
		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A
	allowed values. IN/A	defaultValue: None
3.000	00.000.01	isNullable: False
rATType	23.008 Clause 2.13.75	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou valado. 1471	
		isNullable: False
iPAddressOfTraceCollecti	23.008 Clause 2.11.14	
iPAddressOfTraceCollecti onEntity		type: String
		type: String multiplicity: 1
		type: String multiplicity: 1 isOrdered: N/A
	23.008 Clause 2.11.14	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
		type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
onEntity	23.008 Clause 2.11.14  allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	23.008 Clause 2.11.14	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String
onEntity	23.008 Clause 2.11.14  allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1
onEntity	23.008 Clause 2.11.14  allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
onEntity	23.008 Clause 2.11.14  allowedValues: N/A  23.008 Clause 2.13.31	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
onEntity	23.008 Clause 2.11.14  allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A

pDNAddress	23.008 Clause 2.13.39	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
permanentUserIdentity	23.008 Clause 2.13.79	type: String
		multiplicity: 1
		isOrdered: N/A
	H D/ I AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
visitedNetworkIdentifier	23.008 Clause 2.13.82	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allawa di /alwaa Ni/A	defaultValue: None
	allowedValues: N/A	
		isNullable: False
mIPSubscriberProfile	23.008 Clause 2.13.86	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/akuaay N//	
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNAMBR	23.008 Clause 2.13.32	type: String
		multiplicity: 1
		isOrdered: N/A
	H D/ I AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
contextIdentifier	23.008 Clause 2.13.38	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	H D/ I AI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNOIReplacement	23.008 Clause 2.13.29	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allawa di /alwaa Ni/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribedUEAMBR	23.008 Clause 2.13.30	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/akuaayN/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
rFSP	23.008 Clause 2.13.33	type: String
		multiplicity: 1
		isOrdered: N/A
	allawa alValva av NI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDNGWIdentity	23.008 Clause 2.13.41	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ePSPDNConnectionCharging	23.008 Clause 2.13.71	type: String
Characteristics	25.555 5.4465 2.15.17	multiplicity: 1
CHALACCCLIBCICS		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	1	noi tanabio. I albo

pDNGWAllocationType	23.008 Clause 2.13.105	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNLevelAPNOIReplacement	23 008 Clause 2 13 109	type: String
	25.500 014400 2.10.100	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	isNullable: False
-1 10	00.000 01 0.4.00	10.10.10.10.10.10.10.10.10.10.10.10.10.1
closedSubscriberGroupInf	23.008 Clause 2.4.22	type: String
ormation		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictionDueToU	23.008 Clause 2.4.15.3a	type: String
nsupportedFeatureMME		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/7(	isNullable: False
mSPurgedForEPSFlag	23.008 Clause 2.7.6A	
mor ar Acar or prot rad	23.000 Glause 2.1.0A	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
uRRPMME	23.008 Clause 2.7.9.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mMEName	23.008 Clause 2.13.26	type: String
iii ibitaiiie	25.000 Glause 2.15.20	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values: N/A	defaultValue: None
		isNullable: False
sGSNName	23.008 Clause 2.13.100	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iWFNumber	23.008 Clause 2.4.8.3	type: String
	23.555 514465 2. 11616	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
Attailmete melete dite mele		isNullable: False
Attribute related to role		
theContract	Models the relationship to a subscribed service. The	type: DN
	relationship is between a service and a subscription to	multiplicity: 1*
	the same type of service (for example between	isOrdered: False
	CSService and CSSubscribedService). This	isUnique: True
	attribute contains a list of the DN(s) of the related	defaultValue: None
	SuMSubscribedService instance(s).	isNullable: True
		io. tanabio. Trao
	allowedValues: N/A	
	allowed values. IV/A	

theOffer	Models the relationship to a service. The relationship is between a service and a subscription to the same type of service (for example between CSService and	type: DN multiplicity: 1 isOrdered: N/A
	CSSubscribedService). This attribute contains the DN of the related SuMService instance.	isUnique: N/A defaultValue: None isNullable: True
	allowedValues: N/A	
theService	Models the relationship to a service profile. The relationship is between a subscribed service and a service profile of the same type of service (for example between CSSubscribedService and CSServiceProfile). This attribute contains a list of the DN(s) of the related SuMServiceProfile instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSpecification	Models the relationship to a subscribed service. The relationship is between a subscribed service and a service profile of the same type of service (for example between CSSubscribedService and CSServiceProfile). This attribute contains the DN of the related SuMSubscribedService instance.	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	allowedValues: N/A	
thePublicId	Models the relationship from a user's credentials to the IMS Public Identification. This attribute contains a list of the DN(s) of the related IMSPublicIdentification instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
	allowedValues: N/A	isNullable: True
theMobileUserData	Models the relationship from a user to the user data of a mobile User Equipment. This attribute contains a list of the DN(s) of the related MobileUserData instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
theServiceProfile	Models the relationship from the user data of a mobile	isNullable: True type: DN
CHESELVICEFIOLITE	User Equipment to a service profile or from a user's credentials to an IMS service profile. This attribute contains a list of the DN(s) of the related SuMServiceProfile derived instance(s).  allowedValues: N/A	multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscriber	Models the relationship from a user to a subscriber. This attribute contains a list of the DN(s) of the related SuMSubscriberProfile instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True
	allowedValues: N/A	defaultValue: None isNullable: True
theUser	Models the relationship from a subscriber profile or a Subscription Function to a user. This attribute contains a list of the DN(s) of the related SuMUser instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True
	allowedValues: N/A	defaultValue: None isNullable: True
theCSSupplServiceForCS	Models the relationship from a CS service to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
	allowedValues: N/A	isNullable: True

theGPRSSupplServiceForGP RS	Models the relationship from a GPRS service to a GPRS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMGPRSSupplService instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCSSupplServiceForCSSS	Models the relationship from a CS subscribed service to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theGPRSSupplServiceForGP RSSS	Models the relationship from a GPRS subscribed service to a GPRS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMGPRSSupplService instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCSSupplServiceForCSSP	Models the relationship from a CS service profile to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theGPRSSupplServiceForGP RSSP	Models the relationship from a GPRS service profile to a GPRS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMGPRSSupplService instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscribedService	Models the relationship from a subscriber profile to a subscribed service. This attribute contains a list of the DN(s) of the aggregated SuMSubscribedService derived instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
thePublicId	Models the relationship from an IMS service profile to a public identification. This attribute contains a list of the DN(s) of the aggregated IMSPublicIdentification instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscriberProfile	Models the relationship from a Subscription Function to a subscriber profile. This attribute contains a list of the DN(s) of the aggregated SuMSubscriberProfile instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCredentials	Models the relationship from a user to a credential. This attribute contains a list of the DN(s) of the aggregated SuMCredentials instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
theServiceProfile	Models the relationship from a user to a service profile. This attribute contains a list of the DN(s) of the aggregated SuMServiceProfile instance(s).	isNullable: True type: DN multiplicity: 1* isOrdered: False isUnique: True
	allowedValues: N/A	defaultValue: None isNullable: True

theIdentity	Models the relationship from a user to an identity. This attribute contains a list of DN(s) of the related	type: DN multiplicity: 1*
	SuMIdentity instance(s).	isOrdered: False
		isUnique: True
	allowedValues: N/A	defaultValue: None
		isNullable: True
theServerCapabilities		type: DN
	(E.g., IMSService, IMSSubscribedService,	multiplicity: 1*
	IMSServiceProfile) to one or more Server Capabilities	isOrdered: False
	object instance(s).	isUnique: True
		defaultValue: None
	allowedValues: N/A	isNullable: True
theIWANPar	Models the relationship between the common packet	type: DN
	access service parameters and the I-WAN service	multiplicity: 1
	parameters. This attribute contains the DN of the	isOrdered: N/A
	related IWANParameters instance.	isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: True
theOptHandover3GPP2Par	Models the relationship between the EPS service profile	type: DN
	when designed for optimal handover to a 3GPP2	multiplicity: 1
	access network. This attribute contains the DN of the	isOrdered: N/A
	related OptHandover3GPP2Parameters instance.	isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: True
theNon3GPPAccessPar	Models the relationship between the EPS service profile	type: DN
	and another set of service parameters needed to when	multiplicity: 1
	access is via a non 3GPP network. This attribute	isOrdered: N/A
	contains the DN of the related	isUnique: N/A
	Non3GPPAccessParameters instance.	defaultValue: None
	allowedValues: N/A	isNullable: True
	allowed values. IV/A	

# 4.4.2 Constraints

None.

# 4.5 Common notifications

# Annex A (informative): Change history

	Change history							
Date	TSG #	TSG	CR	Rev	Subject/Comment Cat OI		Old	New
		Doc.						
2013-06					Editorial changes (MCC): removal of blank page on page 2		11.0.0	11.0.1
2014-06	SA#64	SP-					11.0.1	11.1.0
		140359	001	-	remove the feature support statements	F		
2014-10	-	-	-	-	Update to Rel-12 version (MCC)		11.1.0	12.0.0
2016-01	-	-	-	-	Update to Rel-13 version (MCC)		12.0.0	13.0.0
2017-03	SA#75	-	-	-	Promotion to Release 14 without technical change		13.0.0	14.0.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat		New version
2018-06						Update to Rel-15 version (MCC)	15.0.0

# History

Document history						
V15.0.0	July 2018	Publication				