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Network Resource Model (NRM)
Integration Reference Point (IRP);
Information Service (IS)
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#### **ETSI**

650 Route des Lucioles F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C Association à but non lucratif enregistrée à la Sous-Préfecture de Grasse (06) N° 7803/88

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#### **Foreword**

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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". 3GPP TS 28.622: "Telecommunication management; Generic Network Resource Model (NRM) [6] 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.

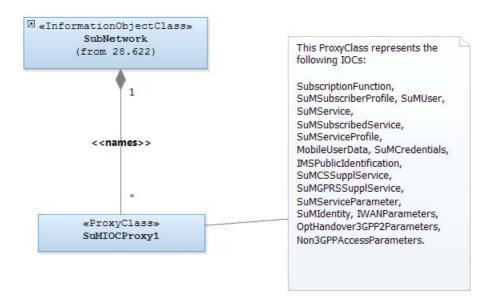


Figure 1a: SuM NRM naming diagram 1

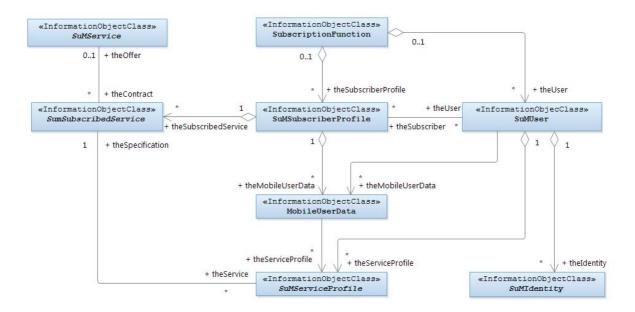


Figure 1b: SuM NRM Containment and Association diagram 1

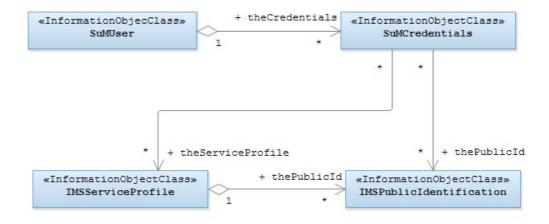


Figure 1c: SuM NRM Containment and Association diagram 2

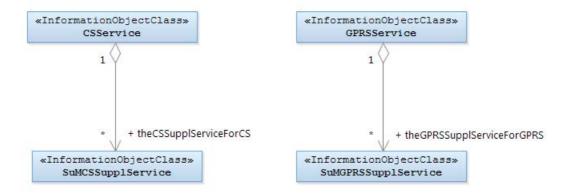


Figure 1d: SuM Supplementary Service NRM Aggregation diagram 1

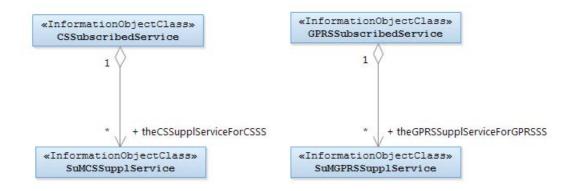


Figure 1e: SuM Supplementary Service NRM Aggregation diagram 2

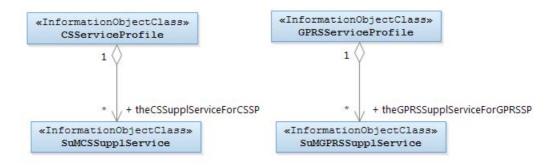


Figure 1f: SuM Supplementary Service NRM Aggregation diagram 3

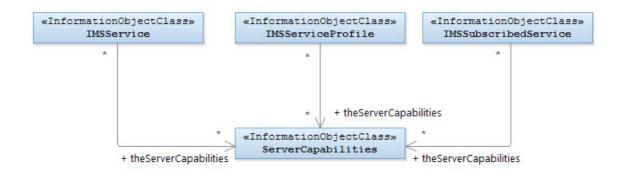


Figure 1g: SuM IMS Service Containment and Association diagram 1

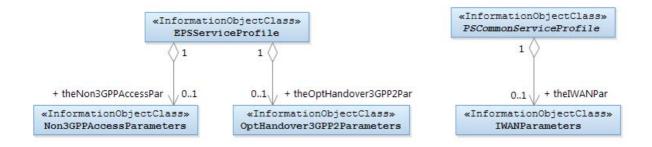


Figure 1h: Service Profile NRM Association diagram

#### 4.2.2 Inheritance

This subclause depicts the inheritance relationships.

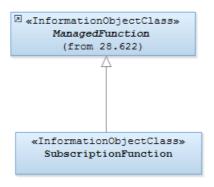


Figure 2a: SuM NRM Inheritance Hierarchy 1

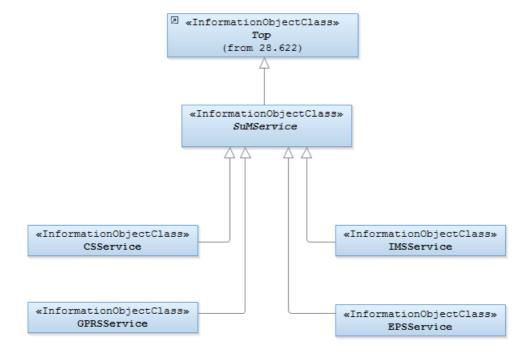


Figure 2b: SuM NRM Inheritance Hierarchy 2

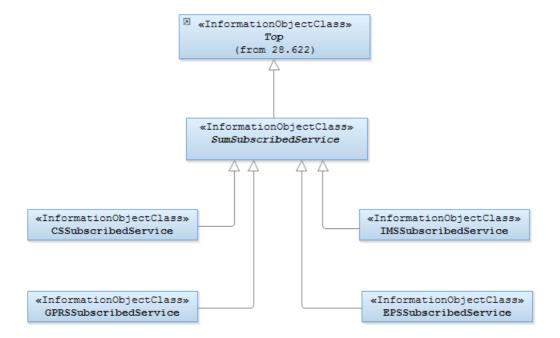


Figure 2c: SuM NRM Inheritance Hierarchy 3

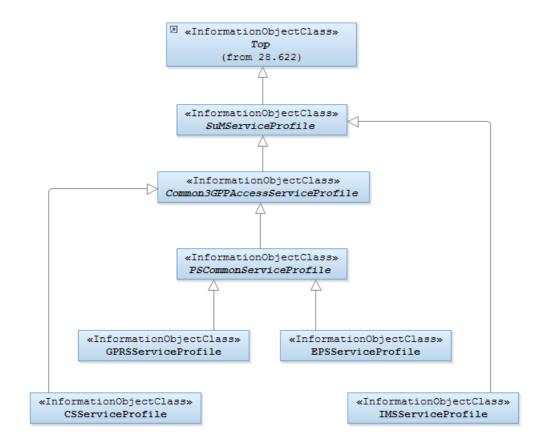


Figure 2d: SuM NRM Inheritance Hierarchy 4

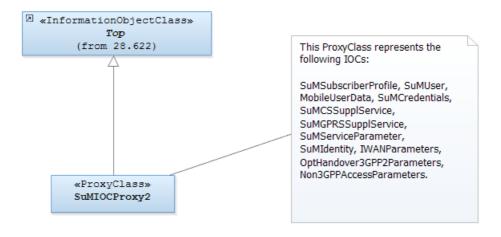


Figure 2e: SuM NRM Inheritance Hierarchy 5

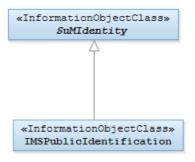


Figure 2f: SuM NRM Inheritance Hierarchy 8

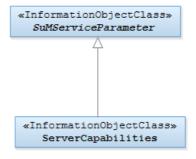


Figure 2g: SuM NRM Inheritance Hierarchy 9

# 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	M	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	M	-	-
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
subscriptionRestriction	0	M	M	-	-
rSZIlists	0	M	M	-	-
lSAIdentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lsAActiveModeSupportIndicator	0	M	M	-	-
1SAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	M	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
mobileStationCategory   MUIdentifier	0	M	M	-	-
	0	M	M	-	-
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 barringOfRegistrationOfCall	0	M	M		
Forwarding		IVI	IVI	_	-
barringOfInvocationOfCall	0	M	M	_	_
Transfer		IVI	IVI	_	_
operatorDeterminedBarring	0	М	М	_	-
PLMNspecificData					
vGCSGroupMembershipList	0	М	М	-	-
vBSGroupMembershipList	0	M	M	_	-
broadcastCallInitiation	0	M	M	_	-
AllowedList					
originatingCAMELSubscription	0	М	М	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	М	-	-
InformationTCSI					
vMSCTerminatingCAMEL	0	M	M	-	-
SubscriptionInformationVTCSI					
locationInformation	0	M	M	-	-
SubscriberStateInformation					
uSSDCAMELSubscription	0	M	M	-	-
InformationUCSI					
sSInvocationNotificationSSCSI	0	M	M	-	-
translationInformation	0	M	M	-	-
FlagTIFCSI	_	N 4	R 4		
dialledServiceCAMEL SubscriptionInformationDCSI	0	M	M	-	-
uSSDGeneralCAMELService	0	M	M	_	_
InformationUGCSI		IVI	IVI	_	-
shortMessageServiceCAMEL	0	M	M	_	_
SubscriptionInformationMOSMSCSI		IVI	IVI	_	_
papact The TOUTHITOT Was TOURNOUNDEDT	1	l	l	l	İ

shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	M	M	-	-
iSTAlertTimer	0	M	M	-	-
cSAllocationRetentionpriority	0	M	M	-	-
iCSIndicator	0	M	M	-	-
Attribute related to role					
theCSSupplServiceForCS	0	M	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 memo	Commant Oscalition	io Doodoblo	ia\A/nitabla	ialavaniant	ia Natifica la la
Attribute name networkAccessMode	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	M O	M	M	-	-
mSISDNAlertIndicator	0	M M	M M	-	-
rSZIlists	0	M	M	-	-
lSAIdentity	0	M	M	-	-
lSAPriority	0	M		-	-
ISAPriority   ISAPreferentialAccessIndicator	0	M	M M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
1SAOnlyAccessIndicator	0	M	M	_	
1SAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M		
privacyExceptionList	0	M	M	_	
gMLCNumbers	0	M	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
gGSNNumber	M	M	M	_	
provisionofTeleservice	O	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	141		
gPRSCAMELSubscriptionInformation GPRSCSI	0	M	М	-	-
mOShortMessageServiceCAMELSubscr iptionInformationMOSMSCSI	0	M	M	-	-
mTShortMessageServiceCAMELSubscr iptionInformationMTSMSCSI	0	M	М	-	-
mOSMSCSISGSNNegotiatedCAMELCapab ilityHandling	0	M	М	-	-
mTSMSCSISGSNNegotiatedCAMELCapab ilityHandling	0	M	М	-	-
mobilityManagementforGPRSeventno tificationMGCSI	0	M	М	-	-
mGCSINegotiatedCAMELCapabilityHa	0	M	М	-	-
gsmSCFaddressforCSI	0	M	М	_	-
subscribedChargingCharacteristic	0	M	M	-	-
closedSubscriberGroupInformation	0	М	М	-	-
gSMSCFaddresslistForODB	0	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	_	-
operatorDeterminedBarringPLMNspe cificData	0	M	M	-	-
sTNSR	0	M	M	_	-
iCSIndicator	0	M	M	_	-
listofauthorizedvisitednetworkid	0	M	M		
entifiers		IVI	IVI	_	-
wLANUERemoteIPaddress	0	M	М	-	-
staticWLANUERemoteIPAddressList	0	M	M	_	-
w-APNBarringTypeList	0	M	M	-	-
w-APNChargingDataList	0	M	M	-	-
accessDependenceFlag	0	M	M	-	-
		171	141	<u> </u>	L

chargingCharacteristics	0	M	М	-	-
primaryOCSChargingFunctionName	0	M	M	-	-
secondaryOCSChargingFunctionName	0	M	M	-	-
primaryChargingCollectionFunctio	0	M	M	-	-
nName					
secondaryChargingCollectionFunct	0	M	M	-	-
ionName					
w-APNIdentifierList	0	M	M	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
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	M	M	М	-	-
entifiers					
registrationStatus	M	M	М	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
subscribedMediaProfileIdentifier	0	M	M	-	-
initialFilterCriteriaList	0	M	М	-	-
applicationServerInformation	0	M	М	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionName	0	M	М	-	-
secondaryEventChargingFunctionNa me	0	M	M	-	-
primaryChargingCollectionFunctionName	M	M	М	-	-
secondaryChargingCollectionFunct	0	M	М	-	-
ionName					
gsmSCFaddressforIMCSI	0	M	М	-	-
oIMCSI	0	M	M	ı	-
VTIMCSI	0	M	M	ı	-
dIMCS	0	M	M	-	-
gAAServiceType	0	M	М	-	-
gAAServiceIdentifier	0	M	М	-	-
gBAUserSecuritySettings	0	M	М	-	-
userSecuritySetting	0	M	M	-	-
userPublicIdentity	0	M	М	-	-
gAAAuthorizationflag	0	M	М	-	-
keyLifetime	0	M	М	=	-
uICCSecurityType	0	M	М	-	-
nAFGroupIdentity	0	M	М	-	-
Attribute related to role					
theServerCapabilities	0	M	-	-	-

#### 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

	port Qualifier M	isReadable	isWritable	isInvariant	isNotifyable
	M				isitotiiyable
networkAccessMode		M	M	-	-
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	М	M	-	-
subscriptionRestriction	0	М	M	-	-
rSZIlists	0	М	M	-	-
lSAIdentity	0	М	M	-	-
lsAPriority	0	M	M	-	-
1SAPreferentialAccessIndicator	0	M	M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	M	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
mobileStationCategory	0	M M	M M	-	-
lMUIdentifier	0			-	-
subscriberStatus	0	M	M	-	-
gsmSCFaddresslistForODB	<u>M</u>	M	M	-	-
provisionOfBearerService	<u>M</u>	M	M	-	-
provisionOfTeleservice bCAllocation	<u>M</u>	M	M	-	-
	0	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfIncomingCalls	0	M	M	-	-
barringOfRoaming barringOfPremiumRateCalls	0	M	M	-	-
	0	M	M	-	-
barringOfSupplementaryService Management	U	М	М	-	-
barringOfRegistrationOfCall	0	M	M		_
Forwarding	O	IVI	IVI		_
barringOfInvocationOfCall	0	М	М	-	_
Transfer	J	141			
operatorDeterminedBarring	0	М	М	-	-
PLMNspecificData	-				
vGCSGroupMembershipList	0	М	М	-	-
vBSGroupMembershipList	0	М	М	-	-
broadcastCallInitiation	0	М	М	-	-
AllowedList					
originatingCAMELSubscription	0	M	М	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	M	-	-
InformationTCSI					
vMSCTerminatingCAMEL	0	М	M	-	-
Subscription					
InformationVTCSI locationInformation/		N4	D.4		
SubscriberStateInformation	Ο	M	М	-	-
uSSDCAMELSubscription	0	M	M		
InformationUCSI	U	IVI	IVI	-	-
sSInvocationNotification	0	M	M		_
SSCSI	J	IVI	141	•	-
translationInformationFlag	0	М	М	_	-
TIFCSI	-	'''	'''		
dialledServiceCAMEL	0	М	М	-	-
SubscriptionInformationDCSI	-				
uSSDGeneralCAMELService	0	М	М	-	-
InformationUGCSI					

shortMessageServiceCAMEL	0	M	М	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	M	M	-	-
iSTAlertTimer	0	M	M	ı	-
cSAllocationRetentionpriority	0	M	M	-	-
iCSIndicator	0	M	M	ı	-
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

Attallantamana	0	i-Dd-bl-	!=\ <b>A</b> /=!(= - -		i-Netificable
Attribute name networkAccessMode	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	M	M	M M	-	-
mSISDNAlertIndicator	0	M		-	-
		M	M	-	-
rSZIlists	0	M	M	-	-
lsAldentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lsAPreferentialAccessIndicator	0	M	M	-	-
lsAActiveModeSupportIndicator	0	M	M	-	-
1SAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M	-	-
privacyExceptionList	0	М	M	-	-
gMLCNumbers	0	М	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
gGSNNumber	M	М	M	-	-
provisionofTeleservice	0	M	M	-	-
transferofSMoption	M	M	M	-	-
subscriberStatus	M	M	M	-	-
barringofPacketOrientedServices	0	M	M	-	-
pDPType	0	M	М	-	-
pDPAddress	0	M	М	-	-
accessPointName	0	M	М	-	-
vPLMNAddressAllowed	0	M	М	-	-
qualityofServiceSubscribed	0	M	М	-	-
pDPContextCharging	0	M	М	-	-
Characteristics					
gPRSCAMELSubscription	0	M	М	-	-
InformationGPRSCSI					
mOShortMessageService	0	M	M	-	-
CAMELSubscription					
InformationMOSMSCSI					
mTShortMessageService	0	M	M	-	-
CAMELSubscription					
InformationMTSMSCSI					
mOSMSCSISGSNNegotiated	0	M	M	-	-
CAMELCapabilityHandling					
mTSMSCSISGSNNegotiated	0	M	M	-	-
CAMELCapabilityHandling	_				
mobilityManagementforGPRSevent	0	M	М	-	-
notificationMGCSI					
mGCSINegotiatedCAMEL	0	M	М	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	M	M	-	-
subscribedCharging	0	M	M	-	-
Characteristics					
closedSubscriberGroup	0	M	M	-	-
Information		ļ			
gSMSCFaddresslistForODB	0	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	-	-
operatorDeterminedBarring	0	М	M	-	-
PLMNspecificData	_				
sTNSR	0	M	M	-	-
iCSIndicator	0	M	M	-	-
listofauthorizedvisitednetwork	0	М	M	-	-
identifiers					
wLANUERemoteIPaddress	0	M	M	-	-

staticWLANUERemoteIP	0	M	M	-	-
AddressList					
w-APNBarringTypeList	0	М	M	-	-
w-APNChargingDataList	0	M	M	-	-
accessDependenceFlag	0	M	M	-	-
chargingCharacteristics	0	M	M	-	-
primaryOCSCharging	0	M	M	-	-
FunctionName					
secondaryOCSCharging	0	M	M	-	-
FunctionName					
primaryChargingCollection	0	M	M	-	-
FunctionName					
secondaryChargingCollection	Ο	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	М	М	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
<pre>subscribedMediaProfileIdenti fier</pre>	0	M	М	-	-
initialFilterCriteriaList	0	М	М	-	-
applicationServerInformation	0	М	М	-	-
serviceIndicationList	0	М	-	-	-
primaryEventChargingFunction Name	0	M	М	-	-
secondaryEventChargingFunctionName	0	M	М	-	-
<pre>primaryChargingCollectionFun ctionName</pre>	М	M	М	-	-
secondaryChargingCollectionF unctionName	0	M	М	-	-
gsmSCFaddressforIMCSI	0	M	М	-	-
oIMCSI	0	M	М	-	-
vTIMCSI	0	M	М	-	-
dIMCS	0	M	М	-	-
gAAServiceType	0	M	М	-	-
gAAServiceIdentifier	0	M	М	-	-
gBAUserSecuritySettings	0	M	М	-	-
userSecuritySetting	0	М	М	-	-
userPublicIdentity	0	M	М	-	=
gAAAuthorizationflag	0	M	М	-	=
keyLifetime	0	M	М	-	=
uICCSecurityType	0	M	М	-	=
nAFGroupIdentity	0	M	М	-	=
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

Address of a second	0	i-Dandahla	:-\A/-:(- - -	intervenient	in Nin (ife an la la
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	М	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 roamingRestrictionDueTo	O M	M	-	-	-
UnsupportedFeature	M	М	-	-	-
lSAIdentity	0	M	M	_	
lsaPriority	0	M	M	<u>-</u>	-
ISAPreferentialAccessIndicator	0	M	M	-	_
lSAActiveModeSupportIndicator	0	M	M	-	_
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M		_
vPLMNIdentifier	0	M	M	-	_
ageIndicator	0	M	-	-	_
1MSI	M	M	_	_	_
mobileStationCategory	M	M	М	_	_
lMUIdentifier	0	M	M	_	_
mNRRMSC	M	M	-	_	-
notificationToCSEFlagForODB	0	M	-	_	_
gsmSCFaddresslistForODB	0	M	М	-	-
messagesWaitingData	0	M	-	-	-
mobileStationNotReachableFlag	0	M	-	-	-
memoryCapacityExceededFlag	M	M	-	-	-
traceReference	0	M	-	-	-
traceType	0	M	-	-	-
operationsSystemsIdentity	0	M	-	-	-
hLRTraceType	0	M	-	-	-
mAPErrorOnTrace	0	М	-	-	-
traceActivatedInVLR	0	М	-	-	-
provisionOfBearerService	M	М	М	-	-
provisionOfTeleservice	M	М	М	-	-
bCAllocation	0	М	М	-	-
checkSSIndicator	M	М	-	-	-
mSPurgedForNonGPRSFlag	M	М	-	-	-
barringOfIncomingCalls	0	М	М	-	-
barringOfPremiumRateCalls	0	М	M	-	-
barringOfSupplementaryService	0	М	М	-	-
Management					
barringOfRegistrationOfCall	0	M	M	-	-
Forwarding					
barringOfInvocationOfCallTransfer	0	M	M	-	-
vGCSGroupMembershipList	0	М	M	-	-
vBSGroupMembershipList	0	M	M	-	-
broadcastCallInitiationAllowedList	0	M	M	-	-
originatingCAMELSubscription	0	M	M	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	M	-	-
InformationTCSI	0	N 4	N 4		
vMSCTerminatingCAMEL	0	M	М	-	-
SubscriptionInformationVTCSI locationInformationSubscriber	0	N 4	M		
StateInformationSubscriber   StateInformation		M	IVI	-	-
uSSDCAMELSubscription	0	M	M	_	_
InformationUCSI		IVI	IVI	_	_
sSInvocationNotificationSSCSI	0	M	M	-	_
translationInformationFlagTIFCSI	0	M	M		_
cranstactoniniot macronic tagiticol		IVI	IVI	-	_

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
dialledServiceCAMELSubscription	0	М	М	-	-
InformationDCSI					
uSSDGeneralCAMELService	0	M	M	-	-
InformationUGCSI					
oCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
sSCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
vTCSINegotiatedCAMEL	0	M	-	-	-
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	1	1	-
gsmSCFaddressforCSI	0	M	M	-	-
vLROfferedCAMEL4CSIs	0	М	-	-	-
iSTAlertTimer	0	М	M	-	-
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	М	-	-	-
lSAIdentity	0	М	М	-	-
lsaPriority	0	М	М	-	-
lSAPreferentialAccessIndicator	0	М	М	-	-
lSAActiveModeSupportIndicator	0	М	М	-	-
lSAOnlyAccessIndicator	0	M	М	-	-
lSAActiveModeIndicator	0	M	М	-	-
vPLMNIdentifier	0	М	М	-	-
ageIndicator	0	M	-	-	-
sGSNNumber	M	М	-	-	-
gGSNNumber	M	М	М	-	-
mNRG	M	М	-	-	-
provisionofTeleservice	0	М	М	-	-
transferofSMoption	M	М	М	-	-
mSpurgedforGPRSflag	M	М	-	-	-
pDPType	0	М	М	-	-
pDPAddress	0	М	М	-	-
gGSNlist	M	М	-	-	-
qualityofServiceSubscribed	0	М	М	-	-
pDPContextIdentifier	0	М	-	-	-
pDPContextChargingCharacteristics	0	М	М	-	-
gPRSCAMELSubscriptionInformation GPRSCSI	0	M	M	-	-
mOShortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMOSMSCSI					
mTShortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI mOSMSCSISGSNNegotiatedCAMEL	0	N 4	N 4		
CapabilityHandling	0	M	М	-	-
mTSMSCSISGSNNegotiatedCAMEL CapabilityHandling	0	M	M	-	-
mobilityManagementforGPRS eventnotificationMGCSI	0	M	M	-	-
mGCSINegotiatedCAMEL	0	M	M	-	-
CapabilityHandling gPRSCSINegotiatedCAMEL	0	M			
CapabilityHandling	U	IVI	-	-	-
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	J.				
theGPRSSupplServiceForGPRSSP	0	M	0	-	-

#### 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	isNotifyable
listofauthorizedvisitednetwork	M	M	M	15111Valialit	ISNOULYADIE
identifiers	IVI	IVI	IVI	_	-
registrationStatus	M	М	М	_	-
sCSCFName	0	M	-	_	-
diameterClientAddressofSCSCF	0	M	-	_	_
subscribedMediaProfileIdentifi	0	M	М	_	-
er					
initialFilterCriteriaList	0	M	М	-	-
applicationServerInformation	0	M	М	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionNa	0	M	М	-	-
me					
secondaryEventChargingFunction	0	M	M	-	-
Name					
primaryChargingCollectionFunct	M	M	M	-	-
ionName					
secondaryChargingCollectionFun	0	M	M	-	-
ctionName					
gsmSCFaddressforIMCSI	0	M	M	-	-
iMSSFaddressforIMCSI	0	M	-	-	-
oIMCSI	0	M	M	-	-
vTIMCSI	0	M	M	-	-
dIMCS	0	M	M	-	-
gAAServiceType	0	M	M	-	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings	0	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					
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	М	-	-
provisioningState	M	M	М	-	-
activationState	M	M	М	-	-
registrationState	0	M	M	-	-
overrideCategory	0	M	M	-	-
cLIRestrictionOption	0	M	M	-	-
forwarded-toNumber	0	M	M	-	-
forwarded-toSubaddress	0	M	M	-	-
noReplyConditionTimer	0	M	M	-	-
maximumEntitledPriority	0	M	M	-	-
defaultPriority	0	M	M	-	-
nbrUser	0	M	M	-	-
nbrSB	0	М	М	-	-

# 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	М	0	-	-
theSubscriber	0	M	0	-	-
theCredentials	M	M	0	-	-
theServiceProfile	M	M	0	-	-
theIdentity	0	M	0	-	-

# 4.3.17.3 Attribute constraints

# 4.3.17.4 Notifications

None.

# 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	М	-	-
Attribute related to role					
thePublicId	M	M	0	-	-
theServiceProfile	M	M	0	-	-

# 4.3.18.3 Attribute constraints

Name	Definition
theServicePro	If theServiceProfile points to at least one instance of IMSServiceProfile,
file	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 thePublicId points to at least one instance of IMSPublicIdentification, theServiceProfile of the same object instance of SuMCredentials may not point to any instance of IMSServiceProfile.
	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
	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

# 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	М	-	-
barringIndication	M	M	М	-	-

# 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	M	-	-
mSISDN	M	M	M	-	-
multinumberingMSISDNs	M	M	M	-	-
iMEISV	0	M	-	-	-

#### 4.3.20.3 Attribute constraints

None.

# 4.3.20.4 Notifications

# 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

None.

#### 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	0	M	M	-	-
access Restriction Data	0	M	M	-	-
aPNAMBR	M	M	M	-	-
barringofPacketOrientedService s	0	M	M	-	-
contextIdentifier	M	M	M	_	_
operatorDeterminedBarringPLMNs	O	M	M		
pecificData		IVI	IVI	_	_
pDNAddress	0	М	М	_	-
rSZILists	0	M	M	-	-
sTNSR	0	М	М	-	-
subscribedChargingCharacterist	0	M	М	-	-
ics					
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 iCSIndicator	0	M	M	-	-
	0	M	M	-	-
aPNOIReplacement subscribedUEAMBR	O M	M M	M M	-	-
aPNConfigurationProfile	M	M	M	-	-
rFSP	O	M	M	-	-
vPLMNAddressAllowed-EPS	M	M	M		
pDNGWIdentity	O	M	M	_	
ePSPDNConnectionChargingCharac	0	M	M	_	_
teristics					
pDNGWAllocationType	M	М	М	-	-
aPNLevelAPNOIReplacement	0	M	M	-	-
closedSubscriberGroupInformati	0	M	М	-	-
on					
listofauthorizedvisitednetwork	0	M	M	-	-
identifiers					
staticWLANUERemoteIPAddressLis	0	M	M	-	-
w-APNBarringTypeList	0	М	М	-	_
w-APNChargingDataList	0	M	M	_	-
wLANUERemoteIPAddress	0	М	М	-	-
accessDependenceFlag	0	М	M	-	-
chargingCharacteristics	0	М	М	-	-
primaryOCSChargingFunctionName	0	M	M	-	-
secondaryOCSChargingFunctionNa	0	M	M	-	-
me					
primaryChargingCollectionFunct ionName	0	М	М	-	-
secondaryChargingCollectionFun	0	М	М	_	_
ctionName					
w-APNIdentifierList	0	М	М	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
permanentUserIdentity	0	M	M	-	-
mIPSubscriberProfile	0	М	M	-	-
accessRestrictionData	0	М	M	-	-

#### 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	0	M	M	-	-
access Restriction Data	0	M	M	-	-
aPNAMBR	M	M	M	_	-
barringofPacketOrientedServices	0	M	M	_	_
contextIdentifier	M	M	M	_	_
operatorDeterminedBarringPLMNspec	0	M	M	_	_
ificData		IVI	IVI		
pDNAddress	0	М	М	-	-
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	O	M	M		-
vPLMNAddressAllowed-EPS	M	M	M	-	-
pDNGWIdentity	O	M	M	<u>-</u>	-
ePSPDNConnectionChargingCharacter	0	M	M	-	-
istics		IVI	IVI	-	-
pDNGWAllocationType	M	M	M	-	_
aPNLevelAPNOIReplacement	O	M	M	_	
closedSubscriberGroupInformation	0	M	M		
Listofauthorizedvisitednetworkide	0	M	M	_	-
ntifiers		IVI	IVI	-	-
wLANUERemoteIPaddress	0	M	М	-	-
staticWLANUERemoteIPAddressList	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	-	
primaryChargingCollectionFunction	0	M	M	-	-
Name		IVI	IVI	-	-
secondaryChargingCollectionFuncti	0	M	M	_	-
onName		IVI	IVI	_	-
w-APNIdentifierList	0	M	M	_	_
maxNumberAccessesList	0	M	M	-	
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
permanentUserIdentity	0	M	M		
mIPSubscriberProfile	0	M	M	-	-
accessRestrictionData	0	M	M		
accessrestiictioiiData	1 0	IVI	IVI	-	-

# 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 Ouglifier	isReadable	ioWritoble	isInvariant	ichletifysble
Attribute name	Support Qualifier	1011000000	isWritable	ISINVARIANT	isNotifyable
aPNAMBR	M	M	M	-	-
contextIdentifier	M	M	M	-	-
pDNAddress	0	M	M	-	-
aPNOIReplacement	0	M	M	-	-
subscribedUEAMBR	M	M	M	-	-
aPNConfigurationProfile	M	M	M	-	-
rFSP	0	M	M	-	-
pDNGWIdentity	0	M	M	-	-
ePSPDNConnectionChargingCharacteris	0	M	M	-	-
tics					
vPLMNAddressAllowed-EPS	M	M	M	-	-
pDNGWAllocationType	M	M	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	-	-	-
iWFNumber	0	M	-	-	-
sGSNAreaRestrictedFlag	M	М	-	-	-
Attribute related to role					
theOptHandover3GPP2Par	M	M	0	-	-
theNon3GPPAccessPar	M	М	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	M	-	-	-
supportedfeature					
barringofPacketOrientedServices	0	М	M	-	-
iPAddressOfTraceCollectionEntity	0	М	-	-	-
accessPointName	0	М	M	-	-
subscribedChargingCharacteristics	0	М	M	-	-
sTNSR	0	М	M	-	-
closedSubscriberGroupInformation	0	М	M	-	-
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	М	-	-	-
listofauthorizedvisitednetwo rkidentifiers	0	M	М	-	-
3GPPAAAServerName	0	M	-	-	-
3GPPAAAProxyName	0	M	-	-	-
wLANUERemoteIPaddress	0	M	M	-	-
staticWLANUERemoteIPAddressL ist	0	M	М	-	-
w-APNBarringTypeList	0	M	М	-	-
w-APNChargingDataList	0	M	М	-	-
accessDependenceFlag	0	M	М	-	-
i-WLANAccessType	0	M	-	-	-
wLANIdentifierList	0	M	М	-	-
maxNumberAccessesList	0	M	М	-	-
maxSubscribedBandwidth	0	M	М	-	-
subscribed3GPPWLANQoSProfile	0	M	М	-	-
chargingCharacteristics	M	M	М	-	-
primaryOCSChargingFunctionNa me	0	M	М	-	-
secondaryOCSChargingFunction Name	0	M	М	-	-
<pre>primaryChargingCollectionFun ctionName</pre>	0	M	М	-	-
secondaryChargingCollectionF unctionName	0	M	М	-	-
userStatus	M	M	-	-	-

# 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	1	ı	•

#### 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	M	M	M	-	-
permanentUserIdentity	M	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	M	M	-	-
subscriberStatus	0	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	М	M	-	-
operatorDeterminedBarringPLMNs pecificData	0	М	M	-	-
traceReference2	0	М	-	-	-
traceDepth	0	М	-	-	-
listOfNETypestoTrace	0	М	-	-	-
triggeringEvents	0	М	-	-	-
listOfInterfacesToTrace	0	М	-	-	-
privacyExceptionList	0	М	M	-	-
gMLCNumbers	0	M	M	-	-
iCSIndicator	0	M	M	-	-
mOLRList	0	M	M	-	-
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
	allowed\/aksas N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None isNullable: False
iMSI	23.008 clause 2.1.1.1	type: String
INSI	23.000 clause 2.1.1.1	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
networkAccessMode	23.008 clause 2.1.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
	lallowedValues: N/A	isUnique: N/A defaultValue: None
	allowed values. N/A	isNullable: False
mSISDN	23.008 clause 2.1.2	type: String
	20.000 Glause 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>
		multiplicity: 1
	It is a sequence of two items:	isOrdered: N/A
	1) An MSISDN number (string)	isUnique: N/A
	A multinumberingMSISDNIndicator which can be one of two choices:	lisNullable: False
	a. "BASIC"	Isinullable. False
	b. "ALERT"	
	D. ALLIN	
	allowedValues: N/A	
basicMSISDNIndicator	00.000 1 0.4.0.4	
DasicMSISDNINGICator	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
	allowedValues: N/A	isUnique: N/A
	allowed values. IN/A	defaultValue: None isNullable: False
lmsi	23.008 clause 2.1.8	type: String
	20.000 Glause 2.1.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mobileStationCategory	23.008 clause 2.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
	lallowedValues: N/A	isUnique: N/A defaultValue: None
	allowed values. IV/A	isNullable: False
lMUIdentifier	23.008 clause 2.2.2	type: String
	25.555 514455 2.2.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False

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
		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
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSCAreaRestrictedFlag	23.008 clause 2.4.12	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sGSNarearestrictedflag	23.008 clause 2.4.14	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		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
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAIdentity	23.008 clause 2.4.17.1	type: String
		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
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAPreferentialAccessInd	23.008 clause 2 4 17 2A	type: String
icator	25.555 5.4455 2. 1.17.27	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowou values. IV/A	isNullable: False
	l .	เอเงนแลมเธ. เ สเจธ

I CAA at i wo Mod a Common and Total	22 000 douge 2 4 47 2D	turna, Ctrina
lSAActiveModeSupportIndi	23.008 clause 2.4.17.2B	type: String
cator		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	alloweuvalues. IV/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	
ISAACCIVEMOGEIIGICACOI	23.000 Clause 2.4.17.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
vPLMNIdentifier	23.008 clause 2.4.17.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
accessRestrictionData	22 000 alougo 2 4 19	
accessrestrictionData	23.008 clause 2.4.18	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		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	22 000 alaura 2 4 C	1
IIISCNUIIDE1	23.008 clause 2.4.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
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
aCCINIL mb cas	22,000 alouas 2,4,0,0	
gGSNNumber	23.008 clause 2.4.8.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allactical) (altra at NI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
provisionOfBearerService	23.008 clause 2.5.1	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou raidoo. 14/71	
		isNullable: False
provisionOfTeleservice	23.008 clause 2.5.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		เอเงนแลมเธ. เ สเอธ

bCAllocation	23.008 clause 2.5.3	type: String
DCATIOCACION	23.000 clause 2.3.3	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	isNullable: False
transferofSMoption	23.008 clause 2.5.4	type: String
cransicioismopeion	23.000 clause 2.5.4	multiplicity: 1
		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A defaultValue: None
	allowed values. IV/A	isNullable: False
mNRG	23.008 clause 2.7.2	
IIIINRG	23.006 clause 2.7.2	type: String multiplicity: 1
		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A defaultValue: None
	allowed values: N/A	
ab a al-COT- di ant an	00.000 -1 0.7.4.4	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
7		isNullable: False
mSPurgedForNonGPRSFlag	23.008 clause 2.7.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSpurgedforGPRSflag	23.008 clause 2.7.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		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
J = = = = J = = = = = = = = = = = = = =		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	isNullable: False
barringOfIncomingCalls	23.008 clause 2.8.2.2	type: String
	25.500 514400 2.5.2.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	isNullable: False
barringOfRoaming	22 008 clause 2 9 2 2	
Dallingorkoaming	23.008 clause 2.8.2.3	type: String
		multiplicity: 1
		isOrdered: N/A
	- H N / A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False

bassair and Daramis sur Data Gall	00.000 davias 0.0.0.4	to un a . Cturin a
barringOfPremiumRateCall	23.008 clause 2.8.2.4	type: String
S		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		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
	anomod valuoo. 14/7 (	isNullable: False
barringOfRegistrationOfC	22 009 clause 2 9 2 6	type: String
allForwarding	23.000 clause 2.0.2.0	multiplicity: 1
alliorwarding		isOrdered: N/A
	II N/ I N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfInvocationOfCal	23.008 clause 2.8.2.7	type: String
lTransfer		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringofPacketOrientedS	23 008 clause 2 8 2 8	type: String
ervices	20.000 010000 2.0.2.0	multiplicity: 1
CIVICES		isOrdered: N/A
	II N/ I N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
operatorDeterminedBarrin	23.008 clause 2.8.3	type: String
gPLMNspecificData		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
notificationToCSEFlagFor	23 008 clause 2 8 4	type: String
ODB	201000 010000 2.0.1	multiplicity: 1
022		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
gsmSCFaddresslistForODB	23.008 clause 2.8.5	type: String
		multiplicity: 1
		isOrdered: N/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	
	allowed values. IN/A	defaultValue: None
111 01 11 0	00.000   0.40.5	isNullable: False
mobileStationNotReachabl	23.008 clause 2.10.2	type: String
eFlag		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
memoryCapacityExceededFl	23 008 clause 2 10 3	type: String
ag	25.555 blade 2.10.5	multiplicity: 1
الاع		
		isOrdered: N/A
	H N/ L N/A	isUnique: N/A
	allowedValues: N/A	

traceReference  23.008 clause 2.11.1    vpe: String multiplicity: 1     stordered: N/A     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: None     stulidate: False     vpe: String multiplicity: 1     stunique: N/A     defaultValue: N/A     defaultValu			1
allowedValues: N/A allowedValues	traceReference	23.008 clause 2.11.1	type: String
isOrdered: N/A isUnique: N/A default/value: None isNullable: False published is N/A default/value: None isNullable: False published is N/A default/value: N/A default			multiplicity: 1
allowedValues: N/A defaultValue: None isNullable: False traceType  23.008 clause 2.11.2  ppe: String multiplicity: 1 isOrdered: N/A isUnique: NA defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: NA defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: NA defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False ppe: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNu			
allowedValues: N/A ishalicity of ishaliable; False  traceType  23.008 clause 2.11.2  23.008 clause 2.11.2  23.008 clause 2.11.2  23.008 clause 2.11.3  23.008 clause 2.11.4  23.008 clause 2.11.5  23.008 clause 2.11.6  23.008 clause 2.11.6  23.008 clause 2.11.6  23.008 clause 2.11.7  23.			
IsNullable: False   Spe: String multiplicity: 1   Sordered: N/A   Sunique: N/A		allawad)/alwaa N/A	
traceType  23.008 clause 2.11.2    vpe: String multiplicity: 1   isOrdered: N/A   isUnique: N/A   defaultValue: None   isNullable: False   vpe: String multiplicity: 1   isOrdered: N/A   isUnique: N/A   defaultValue: None   isNullable: False   vpe: String multiplicity: 1   isOrdered: N/A   isUnique: N/A   defaultValue: N/A   defaultValue: N/A   isUnique: N/A   isUnique: N/A   defaultValue: N/A   isUnique: N/A   defaultValue: N/A   isUnique: N/A   defaultValue: N/A   isUnique: N/A		allowed values: N/A	
allowedValues: N/A allowedValues			
allowedValues: N/A allowedValues	traceType	23.008 clause 2.11.2	type: String
allowedValues: N/A allowedValues			
allowedValues: N/A allowedValues			
allowedValues: N/A  allowe			
isNullable: False operationsSystemsIdentit y  Syrighting multiplicity: 1 isOrdered: N/A allowedValues: N/A allowedValues: N/A  AllowedValues: N/A allowedValues: N/A		= II = = -1\( / = I = \( \) \( \)	
perationsSystemsIdentit y  23.008 clause 2.11.3		allowedvalues: N/A	
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 traceActivatedInVLR  23.008 clause 2.11.6  traceActivatedinSGSN  23.008 clause 2.11.7  defaultValue: None isNullable: False traceActivatedinSGSN  23.008 clause 2.11.7  traceActivatedinSGSN  23.008 clause 2.11.7  defaultValue: None isNullable: False traceActivatedinSGSN  23.008 clause 2.11.7  traceActivatedinSGSN  23.008 clause 2.11.7  vpe: 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			
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 traceActivatedInVLR  23.008 clause 2.11.6  traceActivatedinSGSN  23.008 clause 2.11.7  defaultValue: None isNullable: False traceActivatedinSGSN  23.008 clause 2.11.7  traceActivatedinSGSN  23.008 clause 2.11.7  traceActivatedinSGSN  23.008 clause 2.11.7  vpe: 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 isOrd	operationsSystemsIdentit	23.008 clause 2.11.3	type: String
IsO'dered: N/A   IsUnique: N	У		
allowedValues: N/A defaultValue: NAo defaultValue: NAo defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.6  mAPErrorOnTrace  23.008 clause 2.11.6  traceActivatedInVLR  23.008 clause 2.11.6  traceActivatedInVLR  23.008 clause 2.11.6  traceActivatedinSGSN  23.008 clause 2.11.7  traceActivatedinSGSN  23.008 clause 2.12.1  traceActivatedinSGSN  23.008 clause 2.12.1  traceActivate in traceA			
allowedValues: N/A  allowedValues: N/A  branceType  23.008 clause 2.11.4  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.6  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  traceActivatedInVLR  23.008 clause 2.11.6  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  traceActivatedinSGSN  23.008 clause 2.11.7  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  vecSGroupMembershipList  vecSGroupMembershipList  23.008 clause 2.12.1  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  vecSGroupMembershipList  23.008 clause 2.12.1  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  proprietation A defaultValue: None isNullable: False			
isNullable: False hLRTraceType  23.008 clause 2.11.4  hLRTraceType  23.008 clause 2.11.4  mAPErrorOnTrace  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.6  mAPErrorOnTrace  23.008 clause 2.11.6  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False procedure is N/A defaultValue: N/A def		allowed\/aluga, N/A	default / clust None
hLRTraceType  23.008 clause 2.11.4  type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.5  mAPErrorOnTrace  23.008 clause 2.11.6  mAPErrorOnTrace  23.008 clause 2.11.6  traceActivatedInVLR  23.008 clause 2.11.6  traceActivatedInVLR  23.008 clause 2.11.6  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  traceActivatedinSGSN  23.008 clause 2.11.7  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  traceActivatedinSGSN  23.008 clause 2.11.7  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  pype: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False  phocadcastCallInitiationA  23.008 clause 2.12.2  phocadcastCallInitiationA  23.008 clause 2.12.2.1  phocadcastCallInitiationA  23.008 clause 2.12.2.1  phocadcastCallInitiationA  23.008 clause 2.12.2.1  phocadcastCallInitiationA  allowedValues: N/A		allowedvalues: N/A	
mAPERTOTONTRACE  allowedValues: N/A  allowedVa			isNullable: False
multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False maPErrorOnTrace 23.008 clause 2.11.5 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 traceActivatedInVLR 23.008 clause 2.11.6 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: N/A isUnique: N/	nLRTraceType	23.008 clause 2.11.4	type: String
allowedValues: N/A  allowe			
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pDPType 23.008 clause 2.13.1 type: String			isNullable: False
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multiplicity: 1			
isOrdered: N/A			
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allowedValues: N/A defaultValue: None		allowedValues: N/A	defaultValue: None
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GGSNIISC	23.008 clause 2.13.11	type: String
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	allowed values. N/A	defaultValue: None
and literations and the same	00.000 -1	isNullable: False
qualityofServiceSubscrib	23.008 clause 2.13.12	type: String
ed		multiplicity: 1
		isOrdered: N/A
	II D. I N. I N. I	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
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
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPContextChargingCharac	23.008 clause 2.13.25	type: String
teristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
accessPointName	23.008 clause 2.13.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/7	isNullable: False
vPLMNAddressAllowed	23.008 clause 2.13.8	type: String
	20.000 014400 2.10.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. TVA	isNullable: False
vPLMNAddressAllowed-EPS	23.008 clause 2.13.40	
VELINIAGI CSSATIOWCG EFS	23.000 clause 2.13.40	type: String
		multiplicity: 1 isOrdered: N/A
	allowedValues: N/A	isUnique: N/A
	allowed values. IN/A	defaultValue: None
originatingCAMELSubscrip	22.009 clouds 2.44.4.4/2.4	isNullable: False
tionInformationOCSI	23.000 clause 2.14.1.1/3.1	type: String
CIONIMIONMACIONOCSI		multiplicity: 1
		isOrdered: N/A
	- Harris all / a large at N / A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
Programme 1	00.000   0.44440/0.4444	isNullable: False
	23.008 clause 2.14.1.10/2.14.4.4	type: String
ormationGPRSCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
dialledServiceCAMELSubsc	23.008 clause 2.14.1.11/3.7	type: String
riptionInformationDCSI		Lorent Markett A
_		multiplicity: 1
_		isOrdered: N/A
		isOrdered: N/A isUnique: N/A
	allowedValues: N/A	isOrdered: N/A

mobilityManagementforGDD	22 009 clause 2 14 1 12/2 14 4 4	typo: String
	23.008 clause 2.14.1.12/2.14.4.4	type: String
SeventnotificationMGCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
terminatingCAMELSubscrip	23 008 dauge 2 14 1 2	type: String
tionInformationTCSI	23.000 Gause 2.14.1.2	
CIONINIOFMACIONICSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vMSCTerminatingCAMELSubs	23 008 clause 2 14 1 2/3 2	type: String
criptionInformationVTCSI		
CI I PCI O II III O I MACIONI I CSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
locationInformationSubsc	23.008 clause 2.14.1.3	type: String
riberStateInformation	20.000 014400 2.1 1.1.0	multiplicity: 1
IDCIDENCE III OI MACIOII		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
uSSDCAMELSubscriptionInf	23 008 clause 2 14 1 4	type: String
ormationUCSI	Loroso diadoo Eri irira	multiplicity: 1
OT MIGGEOTIOCS T		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sSInvocationNotification	23 008 clause 2 14 1 5/3 2	type: String
SSCSI	25.000 Gladse 2.14.1.5/5.2	multiplicity: 1
55C51		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
translationInformationFl	23 008 clause 2 14 1 6/3 6	type: String
agTIFCSI	25.000 Glause 2.14.1.0/5.0	multiplicity: 1
agiircsi		1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
shortMessageServiceCAMEL	23.008 clause 2.14.1.8/2.14.3.5	type: String
SubscriptionInformationM		multiplicity: 1
_		
OSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOShortMessageServiceCAM	23 008 clause 2 14 1 8/2 14 4 1	type: String
ELSubscriptionInformatio		multiplicity: 1
_		
nMOSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
shortMessageServiceCAMET	23.008 clause 2.14.1.9/2.14.3.6	type: String
SubscriptionInformationM		multiplicity: 1
TSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mmGla and Marrier C	00.000 -1 0.44.4.0/0.44.4.0	
	23.008 clause 2.14.1.9/2.14.4.2.	type: String
ELSubscriptionInformatio		multiplicity: 1
nMTSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
1		isNullable: False

	00 000 -1 0 44 0 4	tom and Otaliana
gPRSCSINegotiatedCAMELCa	23.008 clause 2.14.2.1	type: String
pabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
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	23.008 clause 2.14.2.1	type: String
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. TV/A	isNullable: False
mocMcCcTcCcNNocotiatodCA	22.000 alauga 2.14.2.1	
mOSMSCSISGSNNegotiatedCA	23.008 clause 2.14.2.1	type: String
MELCapabilityHandling		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
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mTSMSCSISGSNNegotiatedCA	23 008 clause 2 1/ 2 1	type: String
MELCapabilityHandling	25.000 clause 2.14.2.1	multiplicity: 1
mencapability manding		isOrdered: N/A
	= H = = 1\( / = \) = \( \) \( \)	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mTSMSCSIVLRNegotiatedCAM	23.008 clause 2.14.2.1	type: String
ELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
oCSINegotiatedCAMELCapab	23.008 clause 2.14.2.1	type: String
ilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/1	isNullable: False
sSCSINegotiatedCAMELCapa	23 008 clause 2 14 2 1	type: String
	23.006 clause 2.14.2.1	71
bilityHandling		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
	allowedValues: N/A	defaultValue: None
		isNullable: False
SGSNOfferedCAMEL4CSIs	23.008 clause 2.14.2.2A	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anoweuvalues. IV/A	
	1	isNullable: False

	00 000 -1 0 44 0 04	t. 0::
vLROfferedCAMEL4CSIs	23.008 clause 2.14.2.2A	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	H N/ I N/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
sGSNSupportedCAMELPhases	23 008 clause 2 1/1 2 2	type: String
	20.000 014430 2.14.2.2	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. 14/A	isNullable: False
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	22.000 alaves 2.44.2.4	
gsillsCraddlessIolCsI	23.008 clause 2.14.2.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluga: N/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
uSSDGeneralCAMELServiceI	23.008 clause 2 14 2 3	type: String
nformationUGCSI	25.555 514455 211 112.15	multiplicity: 1
IIIOIMacionogesi		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/7	
		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	
privacyExceptionnisc	23.000 Clause 2.10.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
gMLCNumbers	23.008 clause 2.16.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOI DI i at	00 000 alaura 0 40 4 0	
mOLRList	23.008 clause 2.16.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allanca di Calca a Aliza	
	allowedValues: N/A	defaultValue: None
		isNullable: False
serviceTypes	23.008 clause 2.16.1.4	type: String
	20.000 010000 2.10.1.7	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
ageIndicator	23.008 clause 2.17.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		listrullable. False

cSAllocationRetentionpri	23.008 clause 2.18.1	type: String
ority		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribedChargingCharac	23 008 clause 2 10 1	type: String
teristics	25.000 Gladge 2.15.1	
teristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMCDi	23.008 clause 3.1.1	
iMSPrivateUserIdentity	23.008 clause 3.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. 14/7	
		isNullable: False
publicUserIdentity	23.008 clause 3.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	- Harris - N (- Irra - v NI (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
	allowedValues: N/A	defaultValue: None
		isNullable: False
listofauthorizedvisitedn	23 008 dayse 3 1 4	type: String
etworkidentifiers	23.008 clause 3B.1.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. IV/A	isinullable. Faise
registrationStatus	23.008 clause 3.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	II D. I. A.I.	
	allowedValues: N/A	defaultValue: None
		isNullable: False
sCSCFName	23.008 clause 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
	20.000 010000 0.2.0	
CSCF		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	00 000 -1 0 4 4	
serverCapabilities	23.008 clause 3.4.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values. IN/A	defaultValue: None
		isNullable: False
initialFilterCriteriaLis	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*
Ĭ	Interact tree criteria (Non. 20.000 clause 3.0.2)	
		isOrdered: False
	It is a set of initialFilterCriteria (string)	isUnique: True
	. •	defaultValue: None
	allowedValues: N/A	isNullable: True
	allowed values. IV/A	lo. taliablo. 1140
I .	1	

serviceIndicationList This	owedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
allo serviceIndicationList This	owedValues: N/A	isOrdered: N/A isUnique: N/A
serviceIndicationList This	owedValues: N/A	isUnique: N/A
serviceIndicationList This	owedValues: N/A	
serviceIndicationList This	owedValues: N/A	defaultValue: None
11116		
11116		isNullable: False
11116	s attribute is a list which contains multiple items of	type: < <datatype>&gt;</datatype>
lise.	rviceIndication (Ref. 23.008 clause 3.5.4)	multiplicity: 1*
	rviceinaleation (Nei. 23.000 clause 3.3.4)	
		isOrdered: N/A
It is	s a set of serviceIndication (string)	isUnique: N/A
		defaultValue: None
		isNullable: True
allo	owedValues: N/A	
subscribedMediaProfileId 23.0	008 clause 3 6 1	type: String
entifier	000 010000 0.0.1	multiplicity: 1
		isOrdered: N/A
	n.,	isUnique: N/A
allo	owedValues: N/A	defaultValue: None
		isNullable: False
primaryEventChargingFunc 23.0	008 clause 3.7.1	type: String
tionName 23.0	008 clause 3B.7.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
allo	owedValues: N/A	isNullable: False
allo	owed values. N/A	isivaliable. I alse
and an address of the second and the	000 -1 0.7.0	4 O4i
secondaryEventChargingFu 23.		type: String
nctionName 23.0	008 clause 3B.7.5	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
allo	owedValues: N/A	isNullable: False
primaryChargingCollectio 23.0	008 clause 3.7.3	type: String
nFunctionName	000 010000 0.7.0	multiplicity: 1
III dilectonivanie		
		isOrdered: N/A
	N/ 1 N/A	isUnique: N/A
allo	owedValues: N/A	defaultValue: None
		isNullable: False
secondaryChargingCollect 23.0	008 clause 3.7.4	type: String
ionFunctionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
allo	owedValues: N/A	defaultValue: None
		isNullable: False
gsmSCFaddressforIMCSI 23.0	008 clause 3.8.4	type: String
23.0	OOO GIAAGE G.O.T	multiplicity: 1
		isOrdered: N/A
	N. ( ) N. (A)	isUnique: N/A
allo	owedValues: N/A	defaultValue: None
		isNullable: False
iMSSFaddressforIMCSI 23.0	008 clause 3.8.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
allo	owedValues: N/A	defaultValue: None
		isNullable: False
oIMCSI 23.0	008 clause 3.8.1	
23.0	UUU UIdUSE 3.0. I	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
allo	owedValues: N/A	

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	
aimes	23.008 clause 3.8.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed Values N/A	defaultValue: None
	allowedValues: N/A	
		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
>>C	00.000 1 04.0	
gAAServiceIdentifier	23.008 clause 3A.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluga, 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
	allowed values. 14/71	
		isNullable: False
userSecuritySetting	23.008 clause 3A.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
userPublicIdentity	23.008 clause 3A.5	
userrubilicidentity	23.000 Clause 3A.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
gAAAuthorizationflag	23.008 clause 3A.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
korT ifotimo	22.000 aloung 2A.0	
keyLifetime	23.008 clause 3A.8	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	- Harris di Valina an NIVA	
	allowedValues: N/A	defaultValue: None
		isNullable: False
uICCSecuritySetting	23.008 clause 3A.9	type: String
1		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomod valuod. 14/1	
		isNullable: False
nAFGroupIdentity	23.008 clause 3A.11	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		ioi taliabio. I albo

w-APN	23.008 clause 3B.1.3	tuno: String
W-APN	23.008 clause 3B.1.3	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
3GPPAAAServerName	23.008 clause 3B.1.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
wLANUERemoteIPaddress	23.008 clause 3B.1.10	
WLANGEREMOTETPAGGTESS	23.006 clause 3B.1.10	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
staticWLANUERemoteIPAddr	23.008 clause 3B.5.1.4	type: String
essList		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	Isonique: N/A   defaultValue: None
	allowed values: IN/A	
		isNullable: False
w-APNBarringTypeList	23.008 clause 3B.5.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowou valado. 14/7 t	isNullable: False
A DNObergingDeteligt	23.008 clause 3B.5.1.3	
w-APNChargingDataList	23.006 Clause 35.5.1.3	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
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
i-WLANAccessType	23.008 clause 3B.5.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
chargingCharacteristics	23.008 clause 3B.7.1.1	type: String
	20.000 010000 00.7.1.1	multiplicity: 1
		isOrdered: N/A
	H N/ 1 N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
primaryOCSChargingFuncti	23.008 clause 3B.7.2	type: String
onName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anoviou valuos. IV/ (	isNullable: False
gogondant Oggahain	22.000 dayes 2D 7.2	
secondaryOCSChargingFunc	23.000 Clause 3B.7.3	type: String
tionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
1	1	10.14

sS-Code	23.008 clause 2.6	tuna. Ctrina
ss-code		type: String
	29.002 clause 7.6.4.1	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
provisioningState	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.2	multiplicity: 1
	20.002 010000 7.0.1.2	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	II N/ I N/A	
	allowedValues: N/A	isNullable: False
activationState	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
		iorvaliable. I albe
registrationState	23.008 clause 2.6 29.002 clause 7.6.4.2	type: String
	29.002 clause 7.6.4.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
overrideCategory	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. IV/A	isivuliable. False
cLIRestrictionOption	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.5	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
forwarded-toNumber	23.008 clause 2.6	type: String
	29.002 clause 7.6.2.22	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	lisNullable: False
	allowed values. N/A	isivullable. I alse
forwarded-toSubaddress	23.008 clause 2.6	type: String
	29.002 clause 7.6.2.23	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
noReplyConditionTimer	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.7	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/alvees N/A	defaultValue: None
	allowedValues: N/A	isNullable: False

		I
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
	20.002 014400 7.0.1.11	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. N/A	isivullable. I alse
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	typo: String
1101.00	29.002 clause 7.6.4.47	type: String multiplicity: 1
	23.002 Gause 1.0.4.41	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	
	allowed values: N/A	isNullable: False
TraceReference2	23.008 Clause 2.11.9	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
TraceDepth	23.008 Clause 2.11.10	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ListofNeTypestoTrace	23.008 Clause 2.11.11	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
TriggeringEvents	23.008 Clause 2.11.12	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ListofInterfacestoTrace	23.008 Clause 2.11.13	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iCSIndicator	23.008 Clause 2.20.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
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LOGT 1'	00,000,01	
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
BINDIC	23.000 Clause 2.21.1	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
3GPPAAAProxyName	23.008 Clause 3B.1.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNIdentifierList	23.008 Clause 3B.5.1.1	type: String
W-AFNIGERCITTELLISC	23.000 Clause 3D.3.1.1	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
maxNumberAccessesList	23.008 Clause 3B.5.1.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
maxSubscribedBandwidth	23.008 Clause 3B.6.1	
maxSubscribedBandwidth	23.006 Clause 3B.6.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
subscribed3GPPWLANQoSP	ro 23.008 Clause 3B.6.4	type: String
file		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ugamCt atug	22 000 Claves 2D 2.4	
userStatus	23.008 Clause 3B.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values. IN/A	defaultValue: None
		isNullable: False
rATType	23.008 Clause 2.13.75	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iDAddroggOfffre == C=11 = =	+ i 22 000 Clause 2 44 44	
iPAddressOfTraceCollec	23.000 Clause 2.11.14	type: String
onEntity		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluggi NI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNConfigurationProfil	e 23.008 Clause 2.13.31	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
İ	allowed values. IV/A	
		isNullable: False

	Table and the same of the same	
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
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00.000.01	isNullable: False
visitedNetworkIdentifier	23.008 Clause 2.13.82	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mIPSubscriberProfile	23.008 Clause 2.13.86	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
	00.000.01	isNullable: False
aPNAMBR	23.008 Clause 2.13.32	type: String
		multiplicity: 1
		isOrdered: N/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
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
DITOTO 1	00.000.01	isNullable: False
aPNOIReplacement	23.008 Clause 2.13.29	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribedUEAMBR	23.008 Clause 2.13.30	type: String
	20.000 0.0000 2.10.00	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values. IN/A	defaultValue: None
TGD	20.000.01	isNullable: False
rFSP	23.008 Clause 2.13.33	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDNGWIdentity	23.008 Clause 2.13.41	type: String
F = 5.1. ± 0.2.10 ± 0.1	25.500 514450 2.10.71	multiplicity: 1
		isOrdered: N/A
	II D. 1 21/2	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ePSPDNConnectionCharging	23.008 Clause 2.13.71	type: String
Characteristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anovica values. IV/A	isNullable: False
		เอเทนแลมเซ. เ-ิสเอช

pDNGWAllocationType	23.008 Clause 2.13.105	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
DIT INDICED I	00.000.01	isNullable: False
aPNLevelAPNOIReplacement	23.008 Clause 2.13.109	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
closedSubscriberGroupInf	23 008 Clause 2 4 22	type: String
ormation	25.000 Glause 2.4.22	multiplicity: 1
OT MICE TOTT		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
	allowed values. IV/A	
GD 15 -55-3	00 000 01 0 70:	isNullable: False
mSPurgedForEPSFlag	23.008 Clause 2.7.6A	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	
UKKEMME	23.000 Glause 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
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		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
I II IVAIIDOL	20.000 Clause 2.4.0.3	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		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
	allowedValues: N/A	
<u> </u>	<u> </u>	

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 CSSubscribedService). This attribute contains the DN of the related SuMService instance.  allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
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).	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
	allowedValues: N/A	
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.  allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
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).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None 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 isNullable: True
theServiceProfile	Models the relationship from the user data of a mobile 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	type: DN 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 defaultValue: None
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). allowedValues: N/A	isNullable: True type: DN multiplicity: 1* isOrdered: False isUnique: True 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		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	multiplicity: 1*
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 SuMIdentity instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
	anowed values. 14/7	isNullable: True
theServerCapabilities	Models the relationship from a SuM IOC object instance (E.g., IMSService, IMSSubscribedService, IMSServiceProfile) to one or more Server Capabilities object instance(s).  allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theIWANPar	Models the relationship between the common packet access service parameters and the I-WAN service parameters. This attribute contains the DN of the related IWANParameters instance.  allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
theOptHandover3GPP2Par	Models the relationship between the EPS service profile when designed for optimal handover to a 3GPP2 access network. This attribute contains the DN of the related OptHandover3GPP2Parameters instance.  allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
theNon3GPPAccessPar	Models the relationship between the EPS service profile and another set of service parameters needed to when access is via a non 3GPP network. This attribute contains the DN of the related Non3GPPAccessParameters instance.  allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True

# 4.4.2 Constraints

None.

# 4.5 Common notifications

# Annex A (informative): Change history

Change history									
Date	TSG #	TSG	CR	Rev	Subject/Comment	Cat	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	11.1.0	12.0.0	
						to Rel-			
						12			
						version			
			-	-	-	(MCC)			

# History

Document history								
V12.0.0	October 2014	Publication						