



Connectivity API Interface description
M2M Service Portal 2.0
Deutsche Telekom AG

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1 Introduction

The Web Service API described here is an interface with which monitoring and administration of M2M SIM cards can be carried out via the Internet. The Web Service API is based on an HTTPS-SOAP interface. Two types of Web Service API are available: the Webservice-API "M2MAdm/M2MAdmCI" for the administration of M2M SIM cards and the Webservice-API „M2MMon/M2MMonCI“ for monitoring M2M SIM cards. The following chapters describe the functions of the Web Service API, along with the necessary parameters and individual processes.

2 Description of the Web Service API

2.1 SOAP protocol

SOAP is a protocol for exchanging XML-based messages via a computer network and has the status of a W3C recommendation. It creates message design rules, specifies how data should be mapped and interpreted in the message and defines a convention for remote procedure calls by means of SOAP messages. SOAP does not lay down rules for the semantics of application-specific data to be dispatched, but provides a framework which enables the transmission of any given application-specific information. SOAP is used for remote procedure calls as well as for simple message systems, or for data exchange. For the Web Service API described hereafter, the SOAP/XML query is sent in the body of an HTTPS POST request to a given URL.

2.2 Basic principles of the SOAP interface

A service in a network that offers a SOAP interface is also referred to as a Web Service. A program (SOAP Client) intending to use the service must know the methods and associated arguments that this service provides. This information is derived from the interface description (WSDL). Web services can be synchronous or asynchronous. In the case of a synchronous services, the client immediately receives a response. In the case of an asynchronous services, client receives only a validation result. For an asynchronous response clients must provide their own web service endpoint. For the correlation of requests and asynchronous responses the identifier messageID is used.

The Client then sends a request query in XML form to the server. The example in the following Listing 1 shows a message of this type, referring to a method known as SIMStatusGet, which serves to return the network status of a SIM card. The associated response from the server could then appear as shown in Listing 2.

Note: The WSS security parameters are not described in this document.

Listing 1:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v30="http://m2m-ws.telekom.de/M2MMon/v30"
xmlns:dat="http://messaging.ei.tmobile.net/datatypes" xmlns:m2m="http://m2m-
ws.telekom.de/M2MMon">
  <soapenv:Header/>
  <soapenv:Body>
    <v30:SIMStatusGet>
      <eiMessageContext>
        <dat:sender>tmo.crm.marimba.architecture.Marimba:TestPartner
        </dat:sender>
        <dat:correlationId>ddfad62d-03a5-4026-9e35fd799bee</dat:correlationId>
      </eiMessageContext>
      <data>
        <m2m:SIMStatusGet>
          <m2m:Header>
            <m2m:M2MApiKey>fsdrefertdfet64gdd523fs61qwedfg1</m2m:M2MApiKey>
          </m2m:Header>
          <m2m:ICCID>89490200000111112222</m2m:ICCID>
        </m2m:SIMStatusGet>
      </data>
    </v30:SIMStatusGet>
  </soapenv:Body>
</soapenv:Envelope>
```

Listing 2:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v30="http://m2m-ws.telekom.de/M2MMon/v30"
xmlns:dat="http://messaging.ei.telekom.de/datatypes" xmlns:m2m="http://m2m-
ws.telekom.de/M2MMon">
  <soapenv:Header/>
  <soapenv:Body>
    <v30:SIMStatusResponse>
      <eiMessageContext>
        <dat:sender>tmo.crm.marimba.architecture.Marimba</dat:sender>
        <dat:target>M2MMon_TestPartner:DE</dat:target>
        <dat:correlationId>ddfad62d-03a5-4026-9e35fd799bee</dat:correlationId>
      </eiMessageContext>
      <data>
        <m2m:SIMStatusResponse>
          <m2m:Status>0</m2m:Status>
          <m2m:StatusText>offline</m2m:StatusText>
          <m2m:ResponseState>
            <m2m:StateCode>0</m2m:StateCode>
            <m2m:StateText>SUCCESS</m2m:StateText>
            <m2m:MessageId>1234</m2m:MessageId>
          </m2m:ResponseState>
        </m2m:SIMStatusResponse>
      </data>
    </v30:SIMStatusResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

N.B.: The namespace prefix (m2m, soapenv,...) might change.

2.3 XML specification WSDL

The Web Services Description Language (WSDL) is a platform-independent and language-independent XML specification which describes network services such as SOAP. Similar to a C-Header file or Java interface, the WSDL file contains a description of the methods offered by a Web Service and the data structures used.

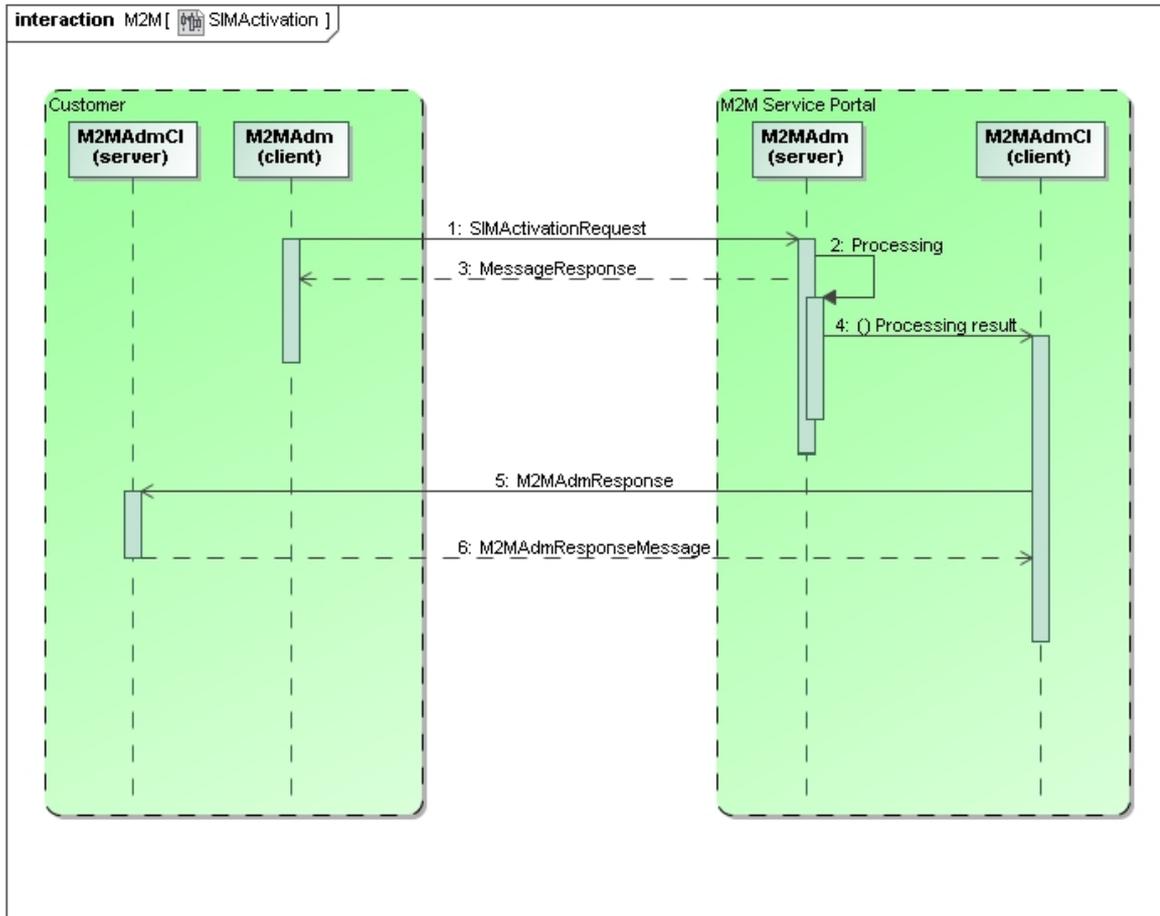
A programmer or a routine can generate the access functions suitable for the relevant programming language from this information. Ideally, the programmer then has no further contact with the SOAP protocol, but has totally transparent access to the generated data.

2.4 M2MAdm/M2MAdmCI Web Service

The individual processes are described in more details in chapters 3 and 4.

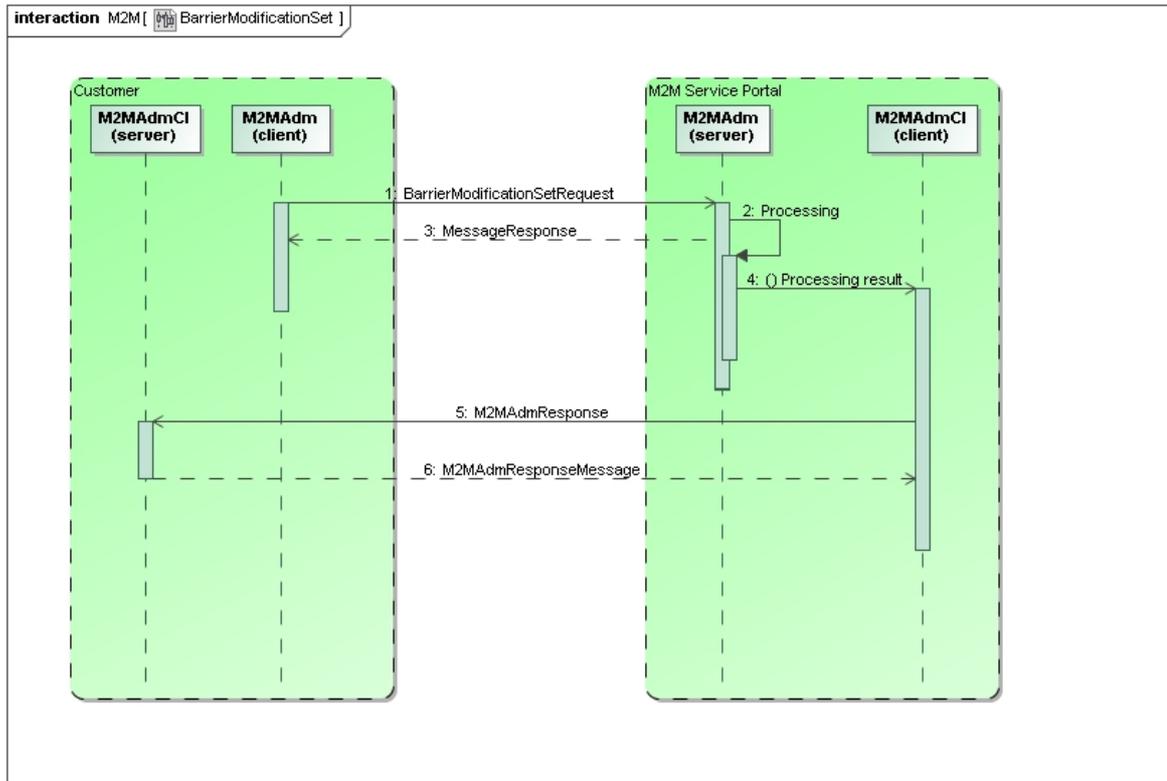
2.4.1 Example “SIMActivation” process

To activate an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].

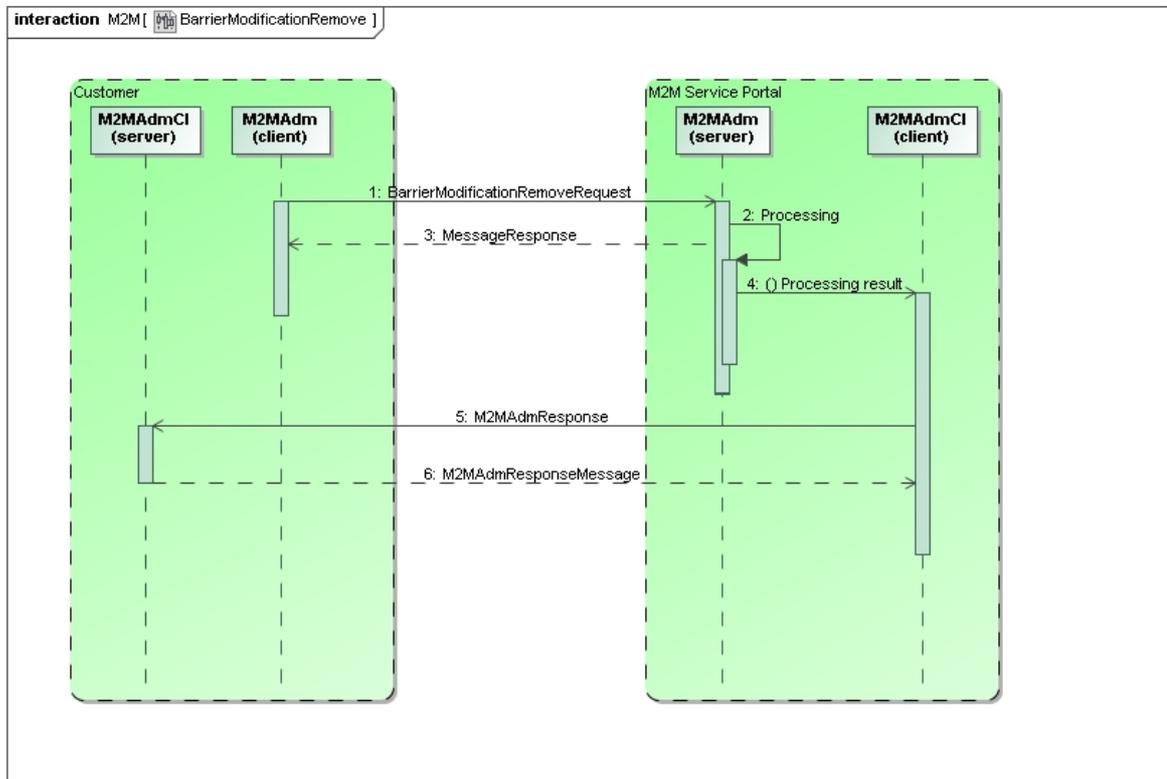


The client transmits a “SIMActivation” SOAP request to the Server. A “MessageResponse” SOAP response is then sent from the Server to the Client. As there is a delay between the order, e.g., “SIMActivation”, and the response of all the involved systems, the customer must set up not only a SOAP Client, but also a SOAP Server. As soon as the response from the systems is received, the Client sends an “M2MAdmResponse” SOAP request to the Server. The Server replies to this with an “M2MAdmResponseMessage” SOAP response.

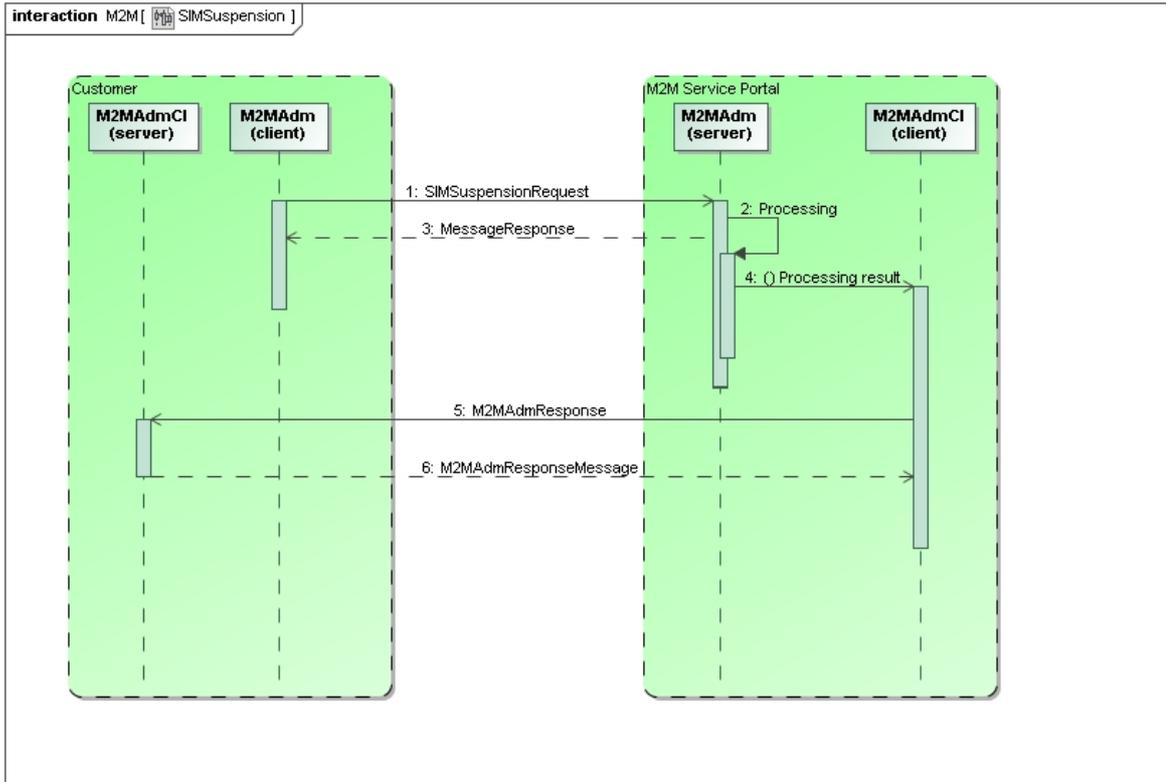
2.4.2 Example “BarrierModificationSet” process



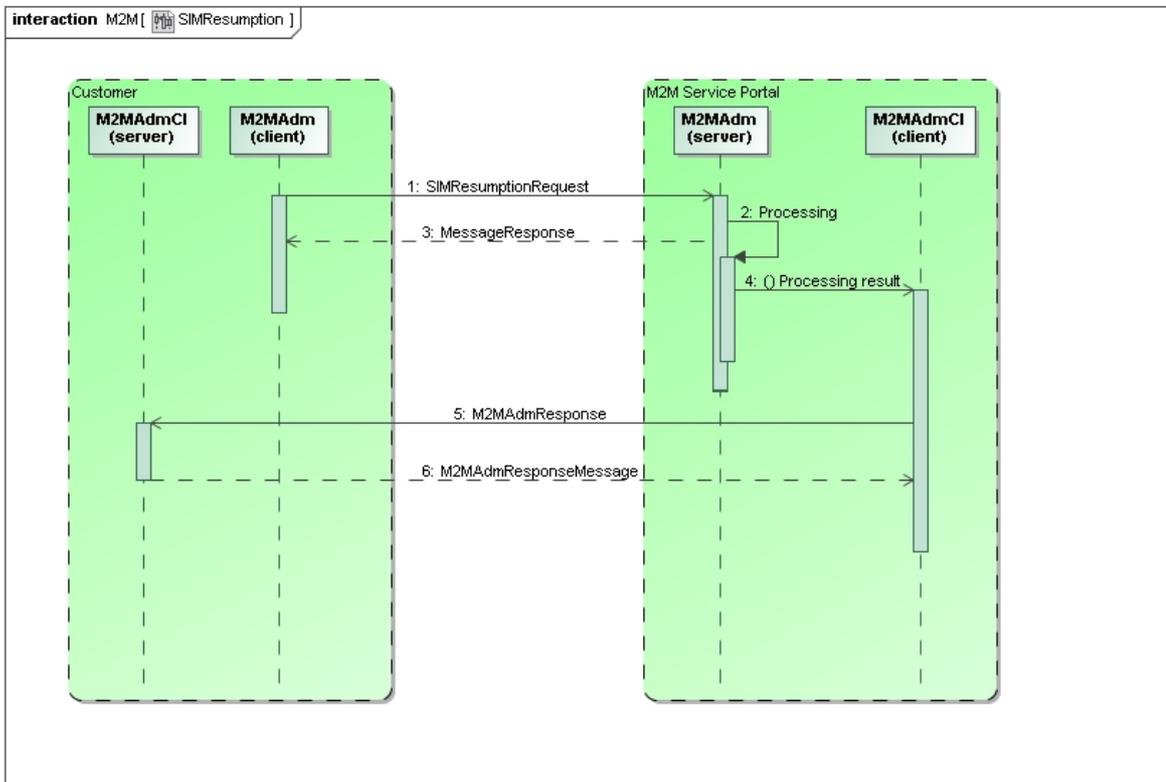
2.4.3 Example “BarrierModificationRemove” process



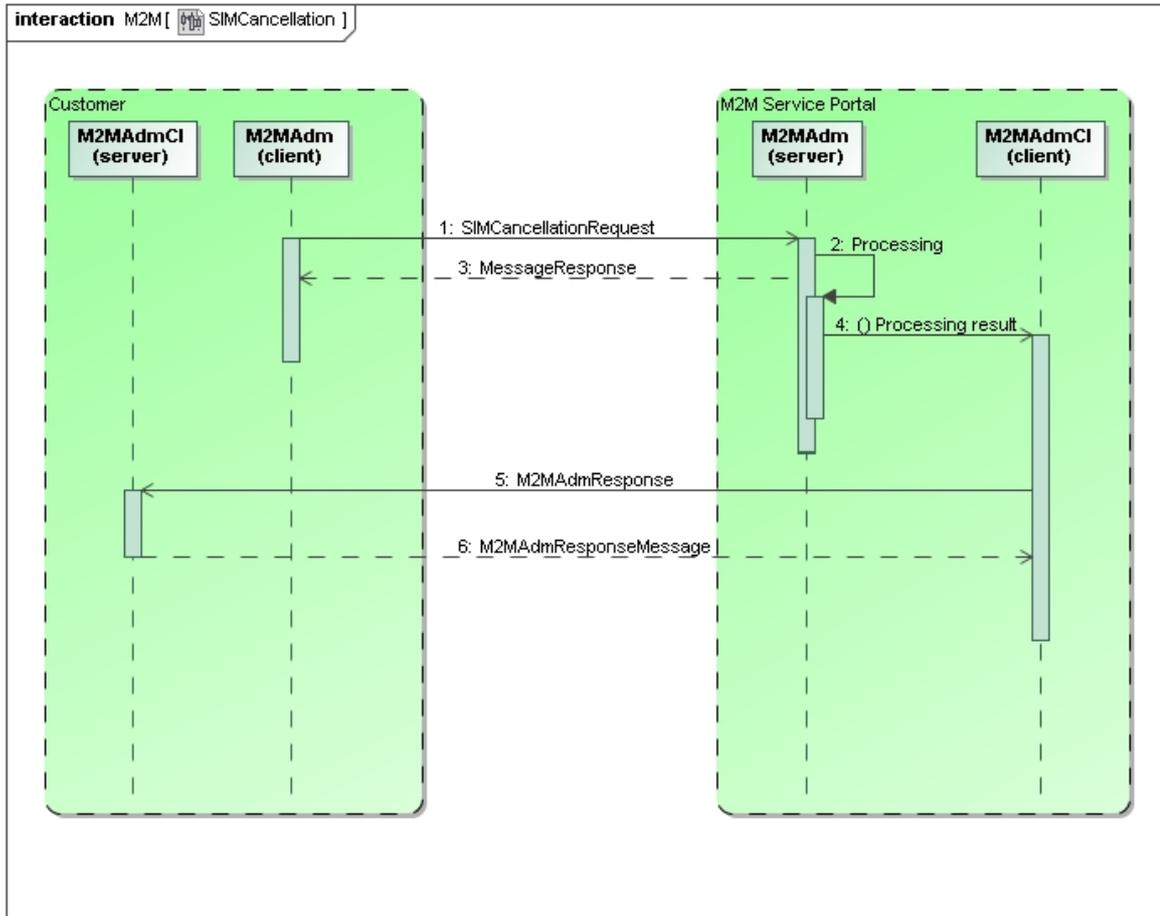
2.4.4 Example “SIMSuspension” process



2.4.5 Example “SIMResumption” process

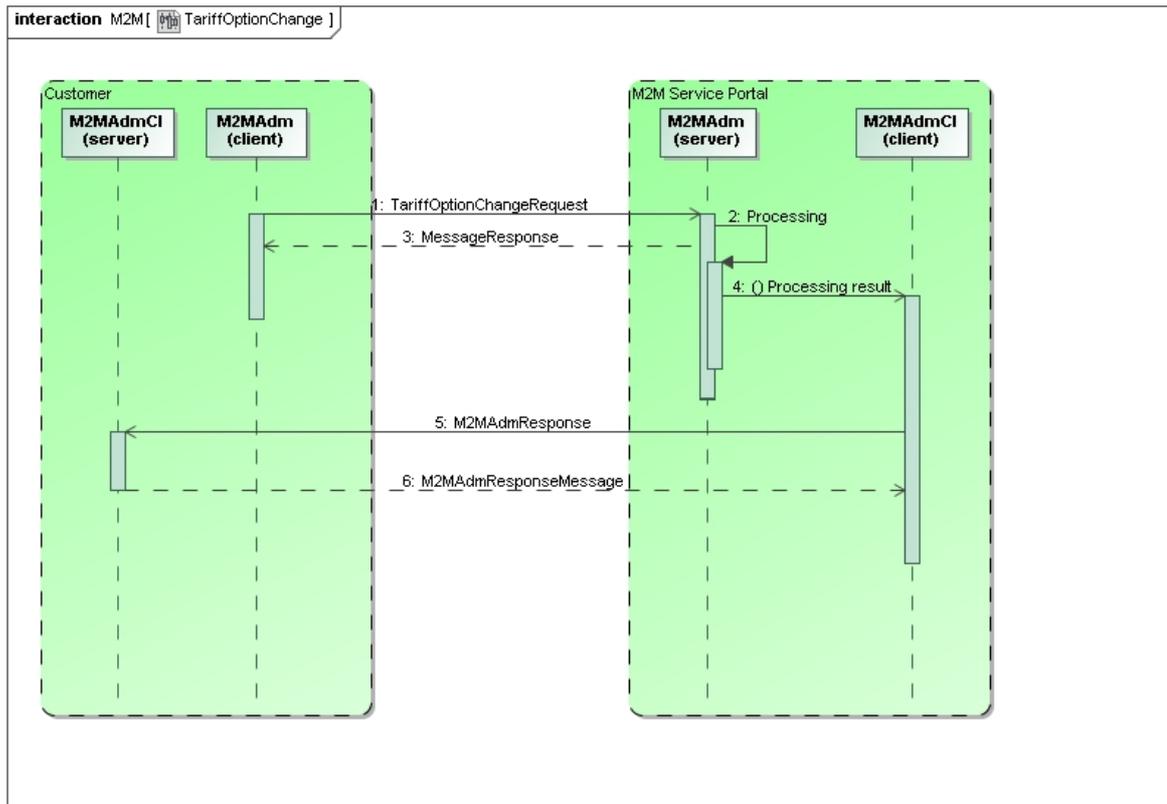


2.4.6 Example "SIMCancellation" process

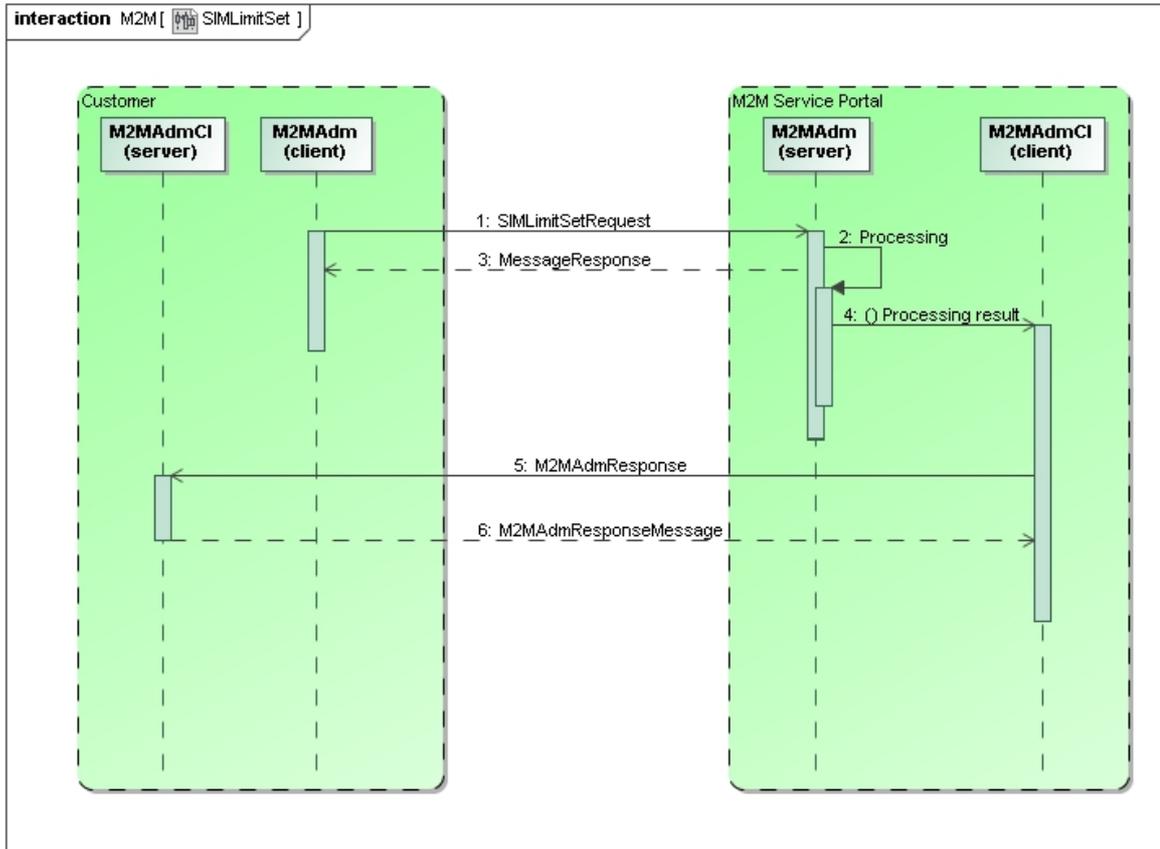


2.4.7 Example “TariffOptionChange” process

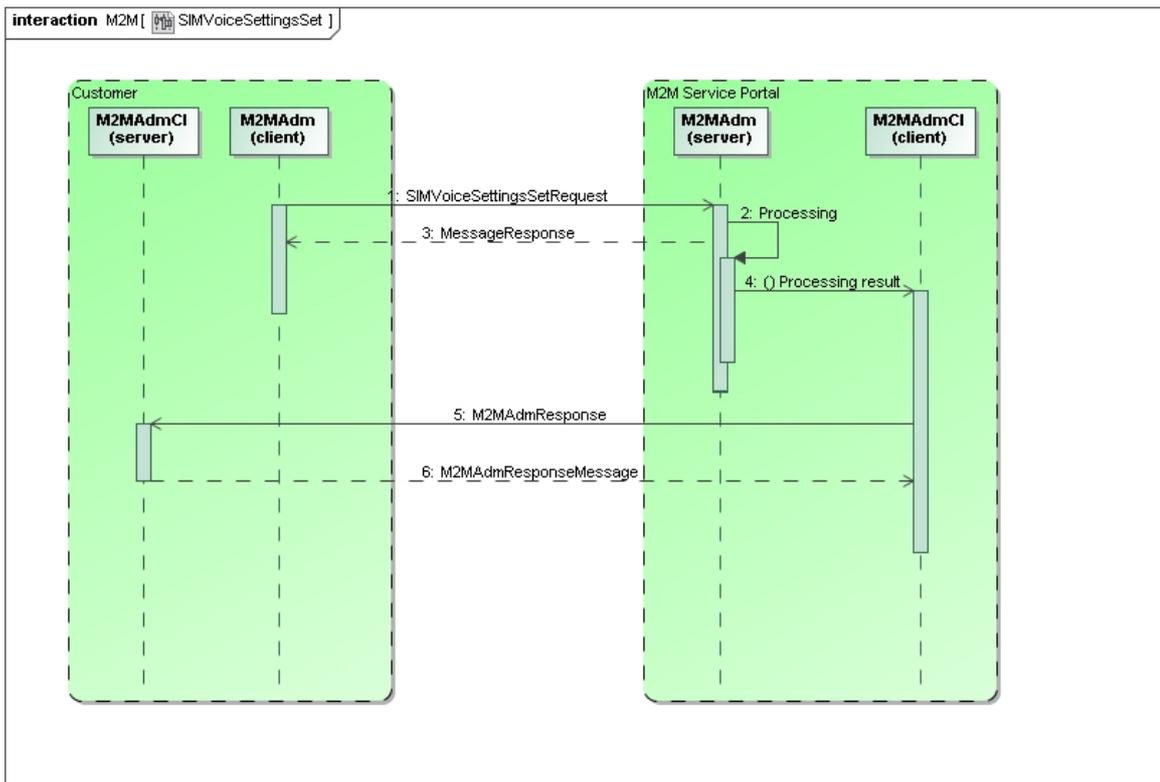
To modify the tariff options of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].



2.4.8 Example “SIMLimitSet” process

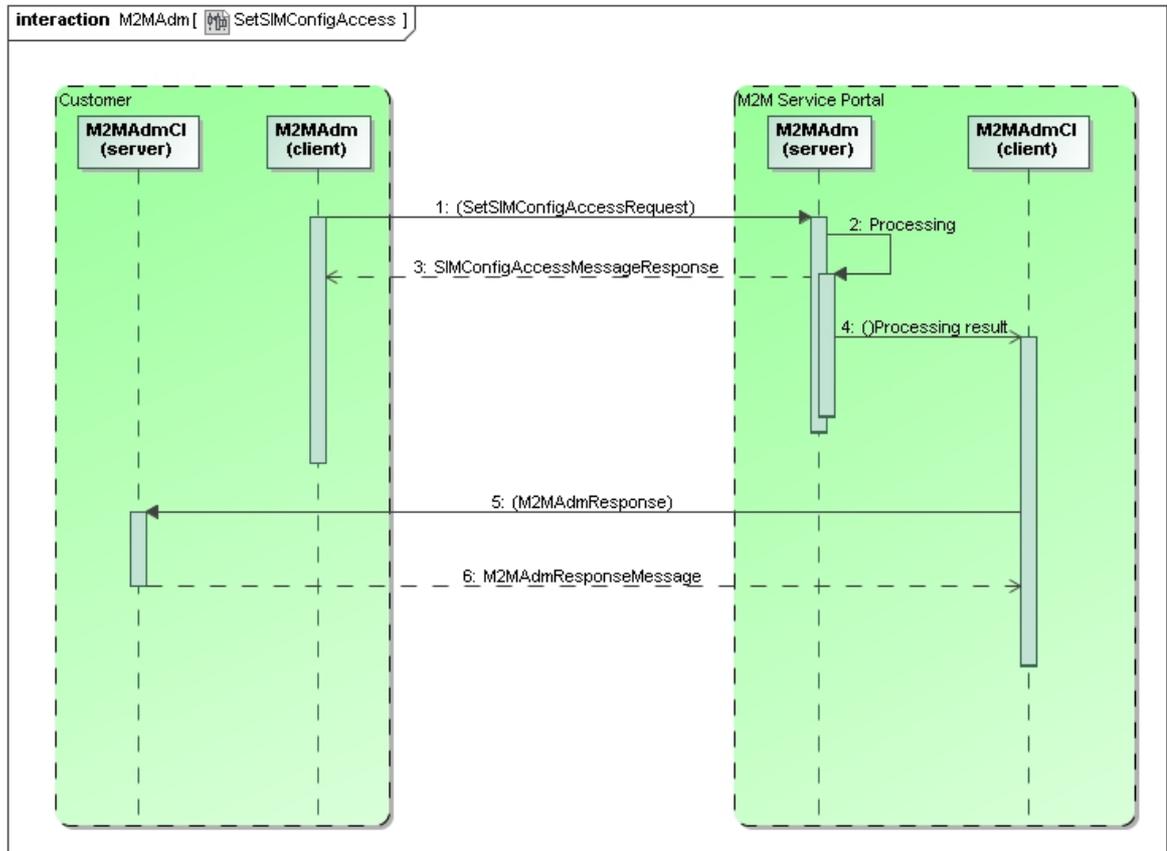


2.4.9 Example “SIMVoiceSettingsSet” process

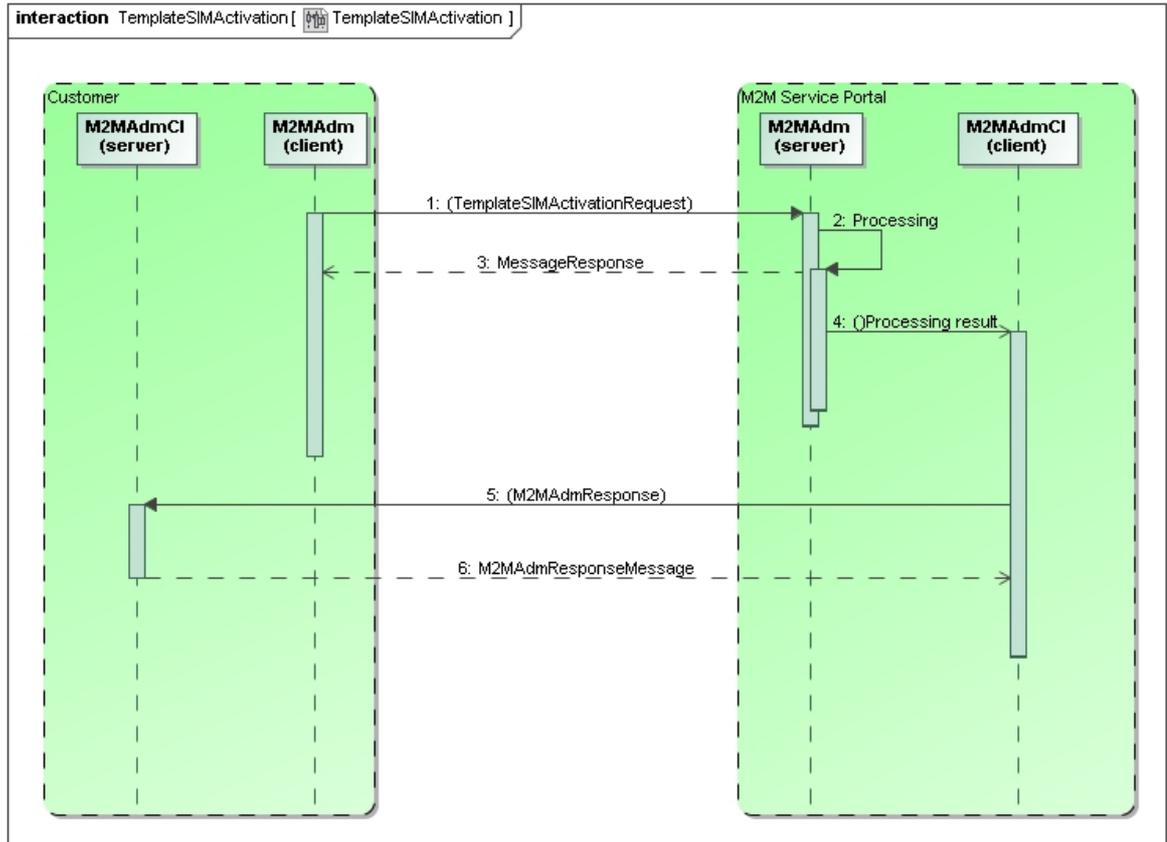


2.4.10 Example “SetSIMConfigAccess” process

To set the access config of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].

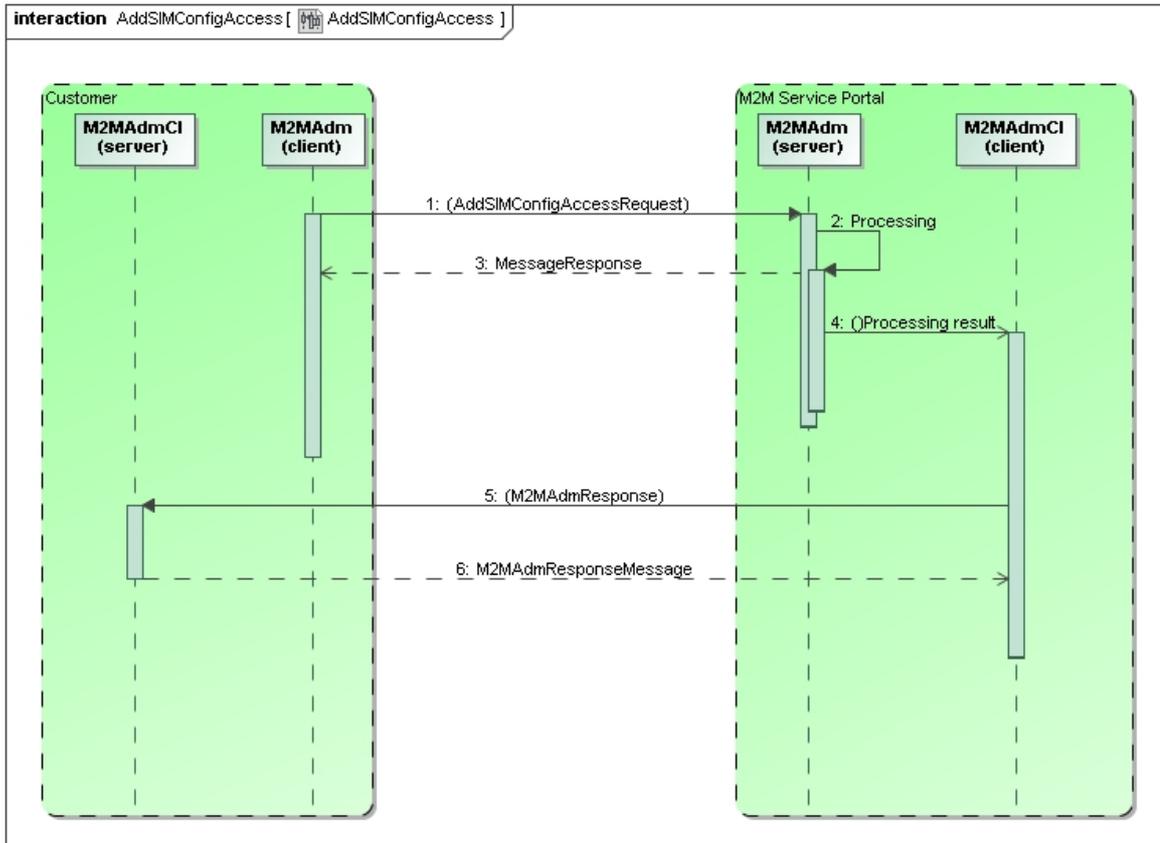


2.4.11 Example “TemplateSIMActivation” process



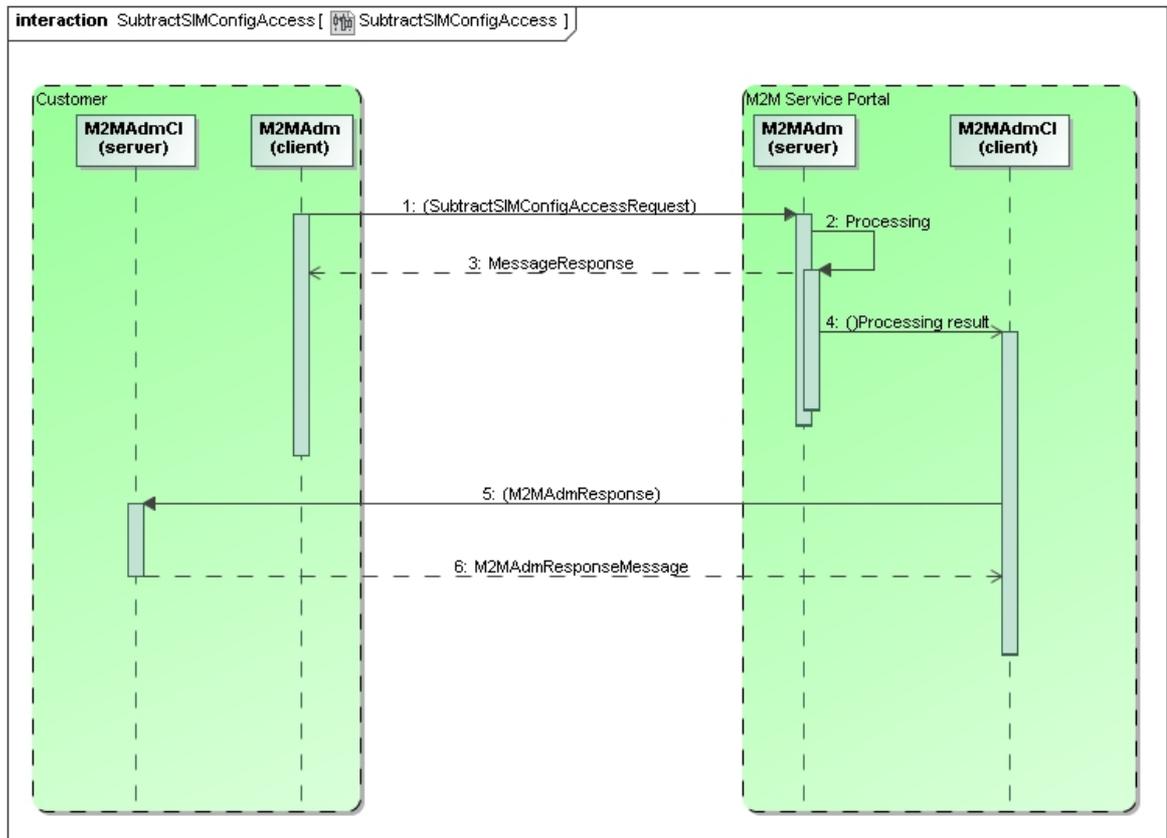
2.4.12 Example “AddSIMConfigAccess” process

To add parameters to the existing access config of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].



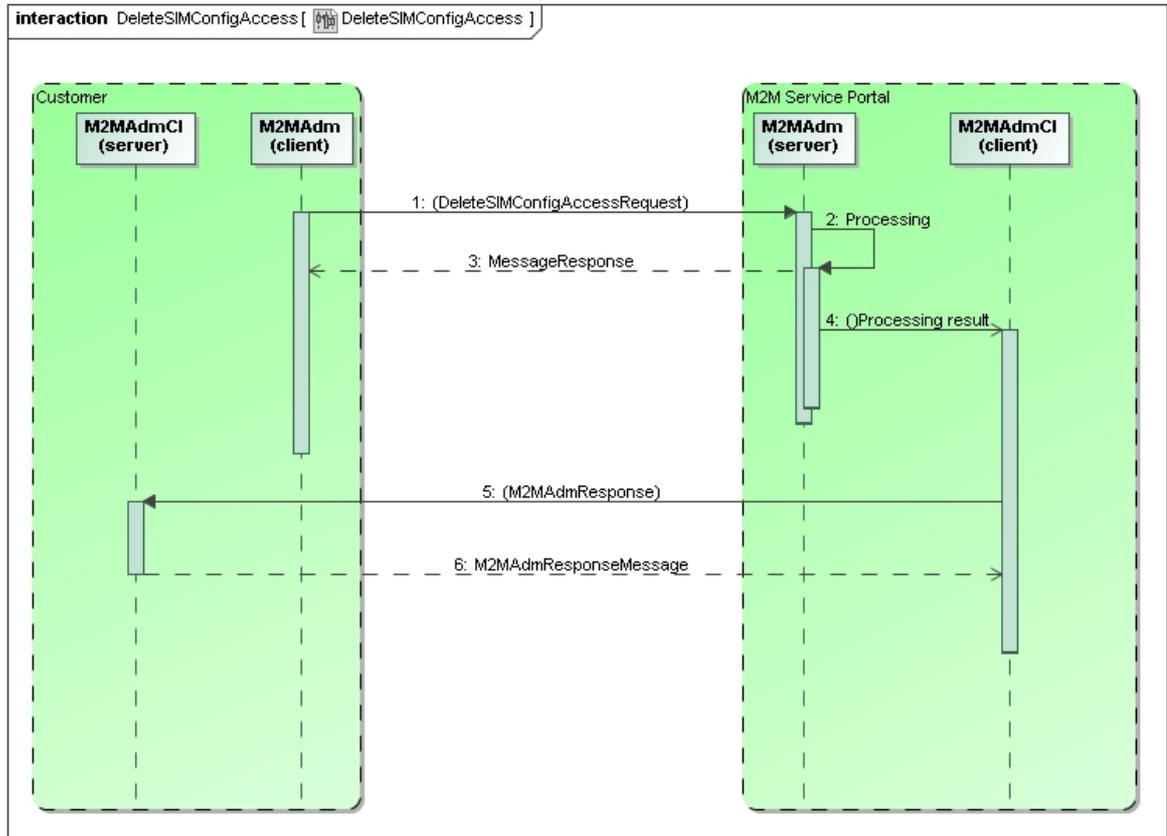
2.4.13 Example “SubtractSIMConfigAccess” process

To remove parameters to the existing access config of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].

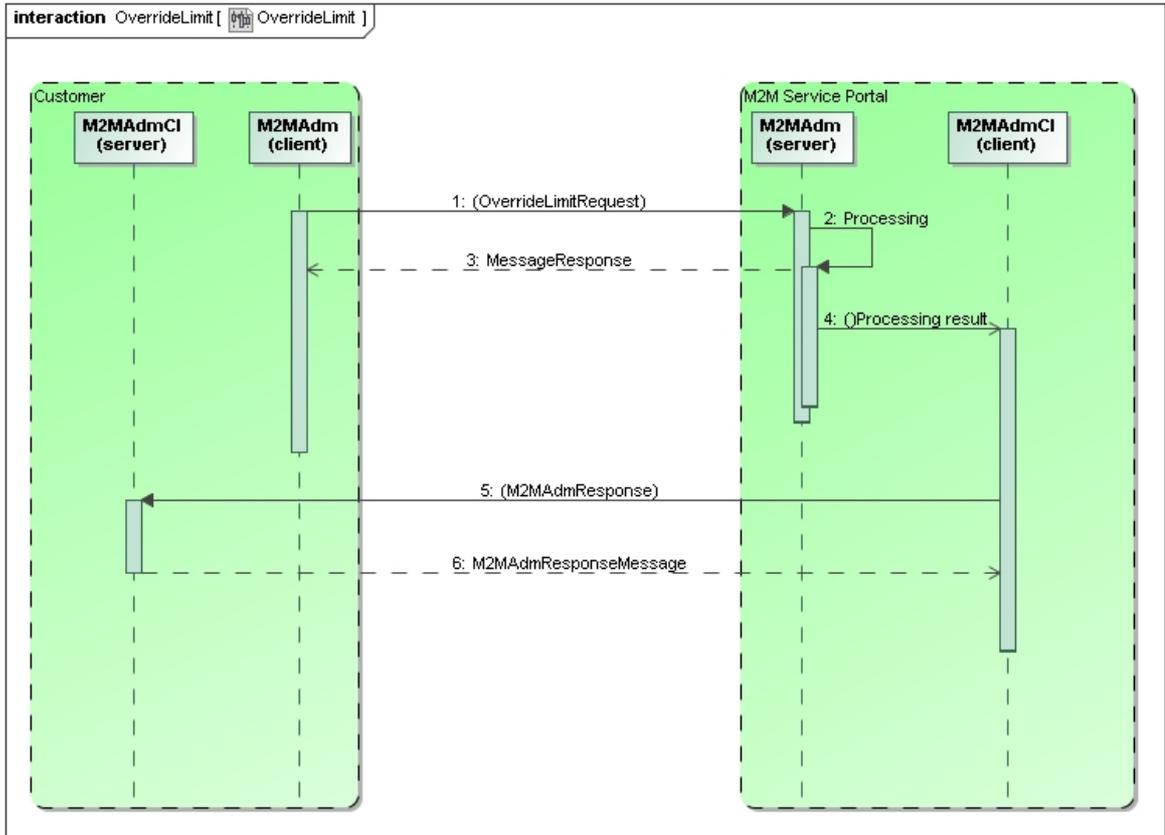


2.4.14 Example “DeleteSIMConfigAccess” process

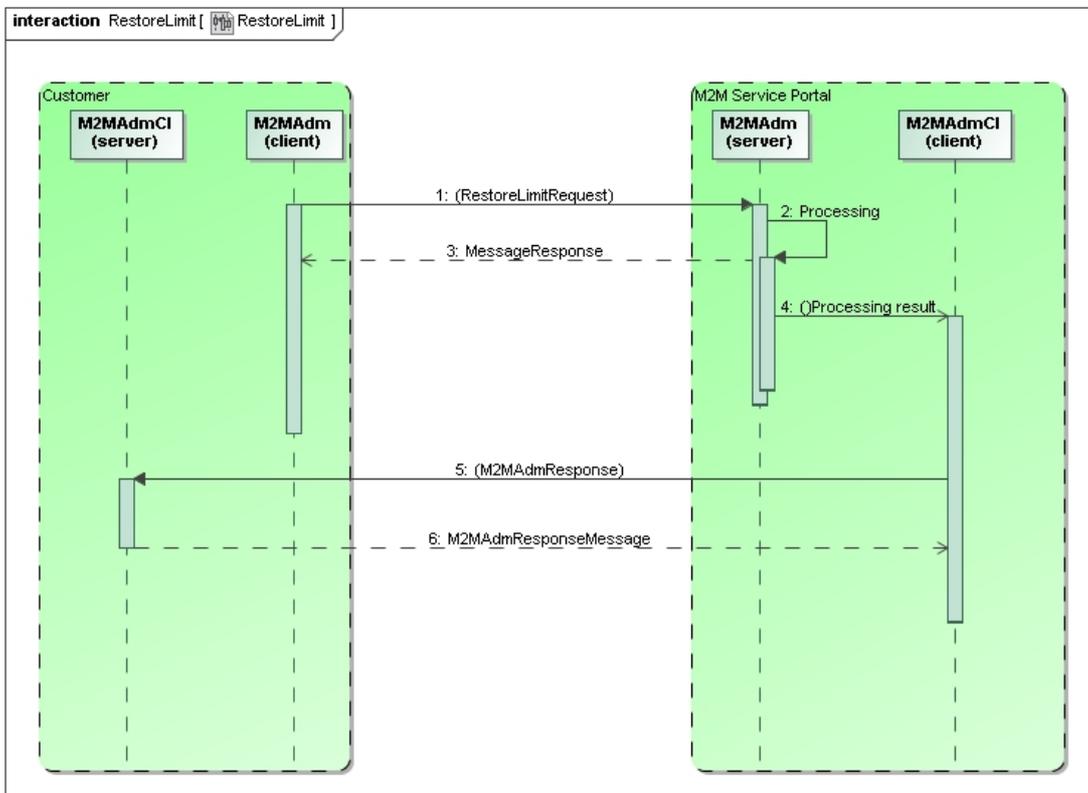
To delete the access config of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MAdm (client)] and the M2M service portal is the SOAP server [M2MAdm (server)].



2.4.15 Example “OverrideLimit” process

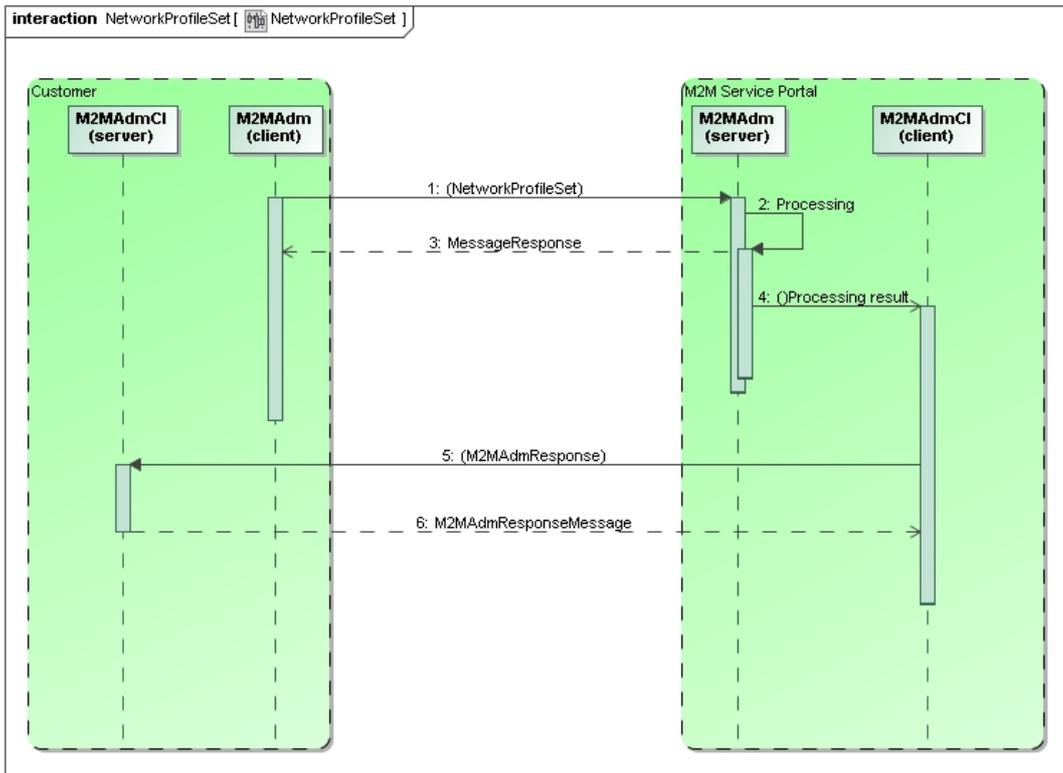


2.4.16 Example “RestoreLimit” process



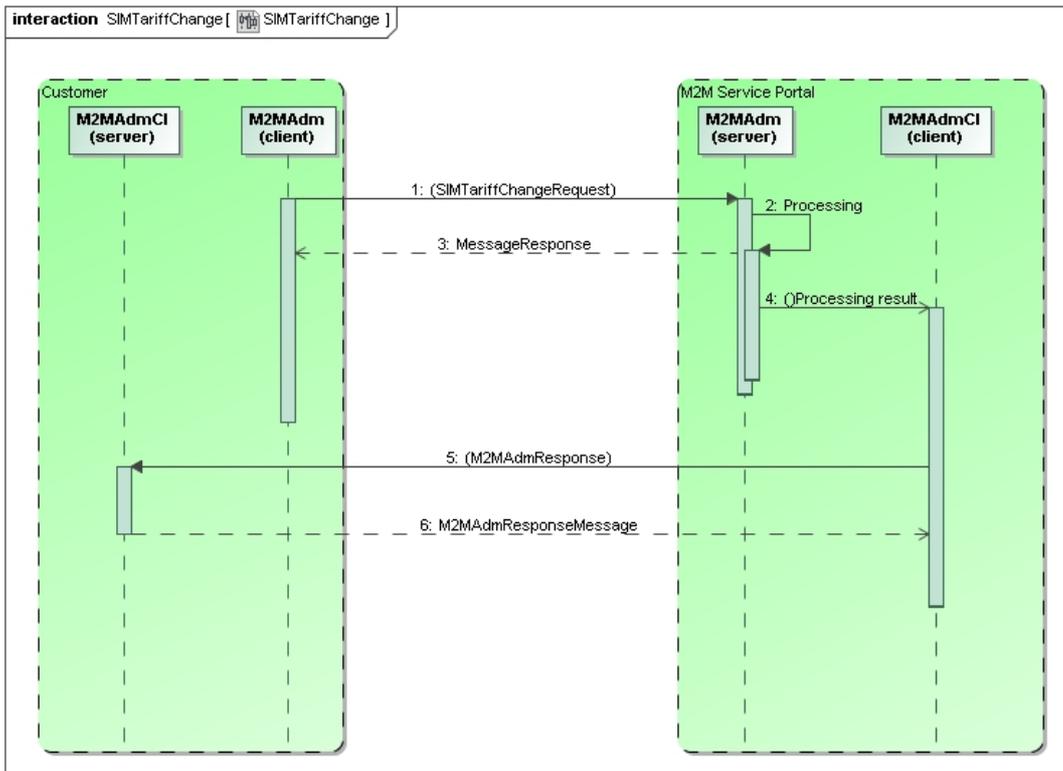
2.4.17 Example “NetworkProfileSet” process

Operation used to assign a network profile name to a SIM.



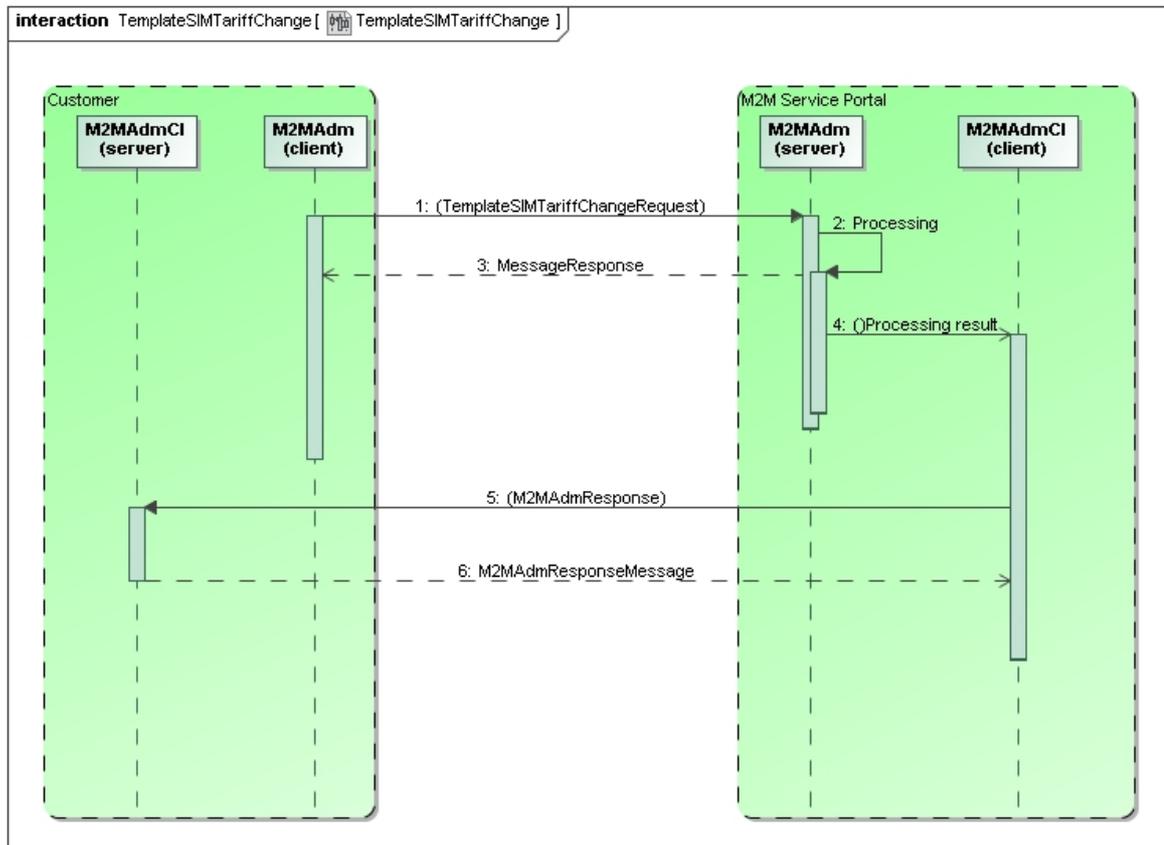
2.4.18 Example “SIMTariffChange” process

Operation used to change the tariff of a SIM.



2.4.19 Example “TemplateSIMTariffChange” process

Operation used to change the tariff of a SIM using a template.

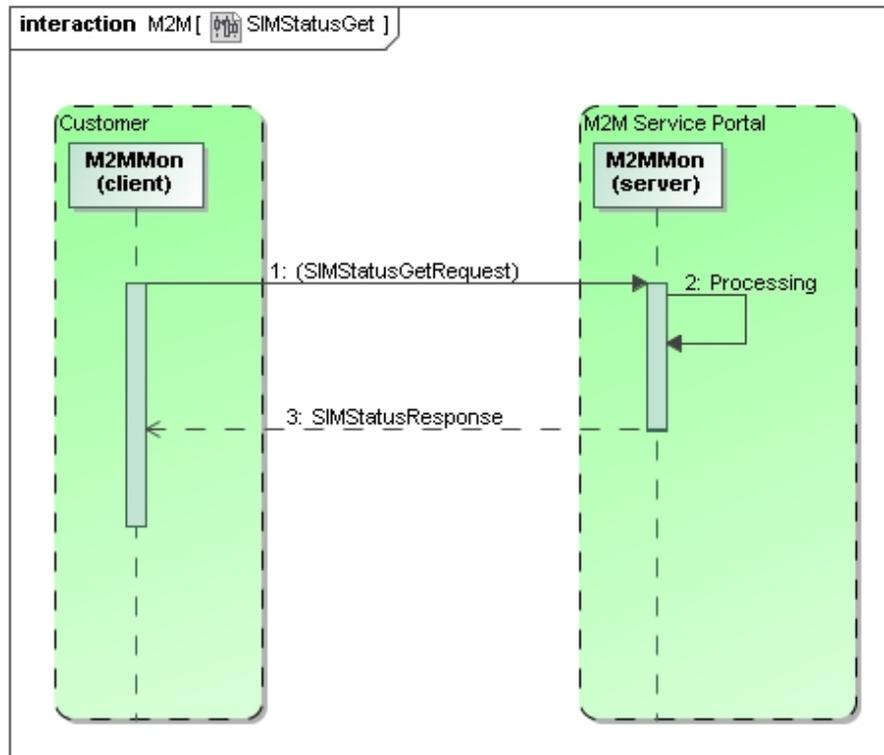


2.5 M2MMon/M2MMonCI Web Service

The basic function of the Web Service API for monitoring are identical to those of the Web Service API for administration. The individual processes are described in more details in chapters 5 and 6.

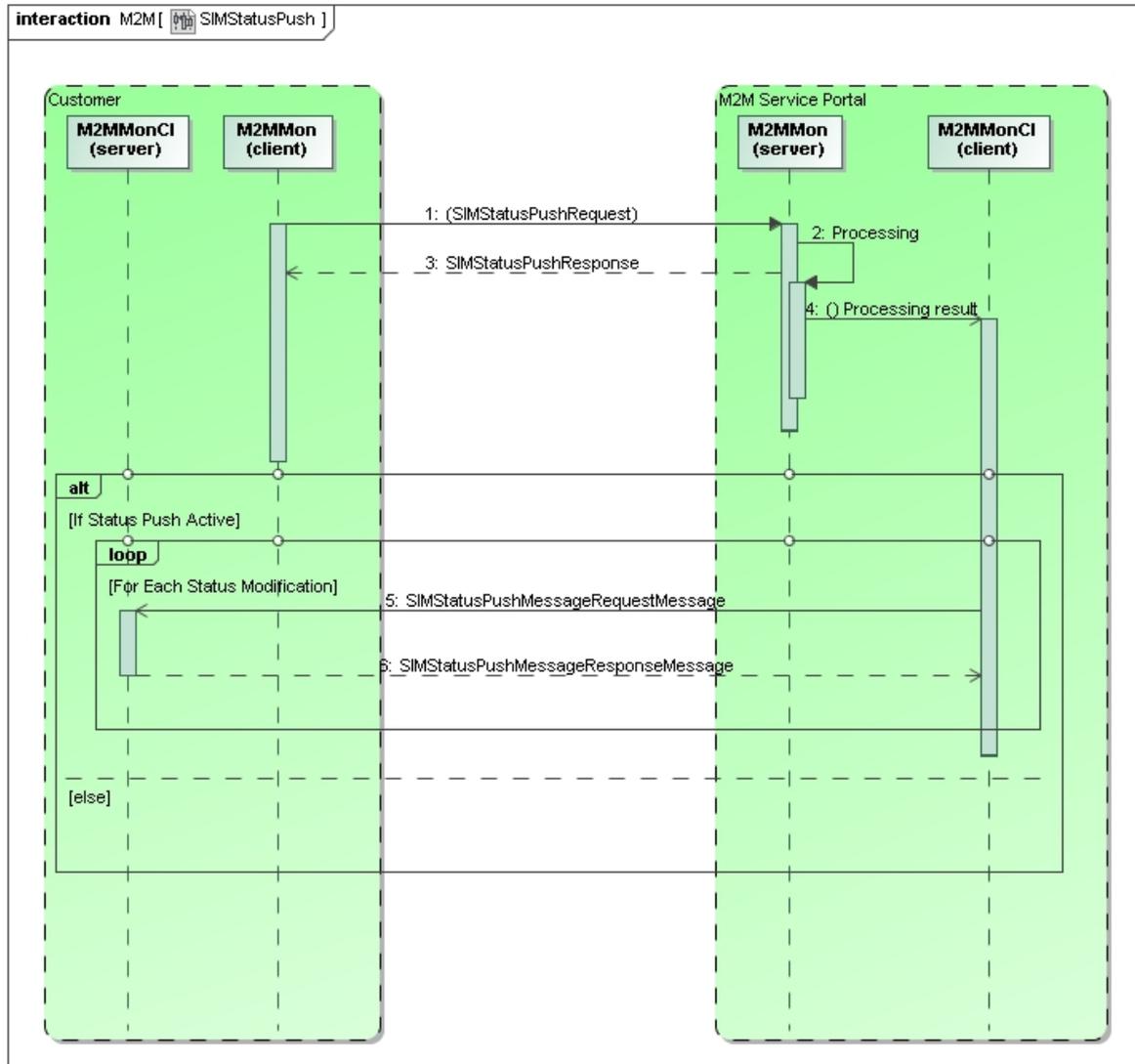
2.5.1 Example “SIMStatusGet” process

The “SIMStatusGet” request can be used to query the current network status (data context established) of a SIM card.



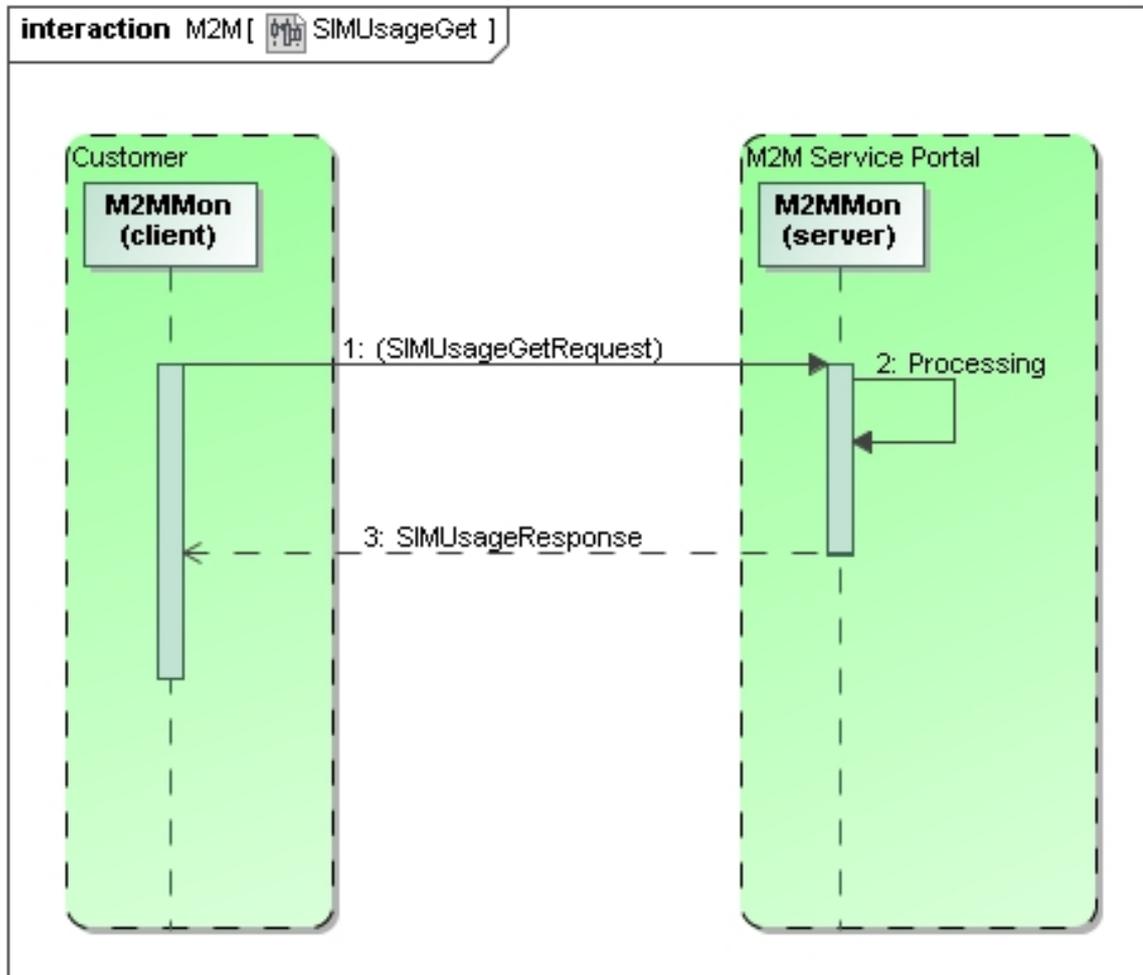
2.5.2 Example “SIMStatusPush” process

With the “SIMStatusPush” request, a configuration can be carried out for a SIM card in such a way that a notification is sent to the customer's M2MMonCI Web Service whenever a change in network status occurs.



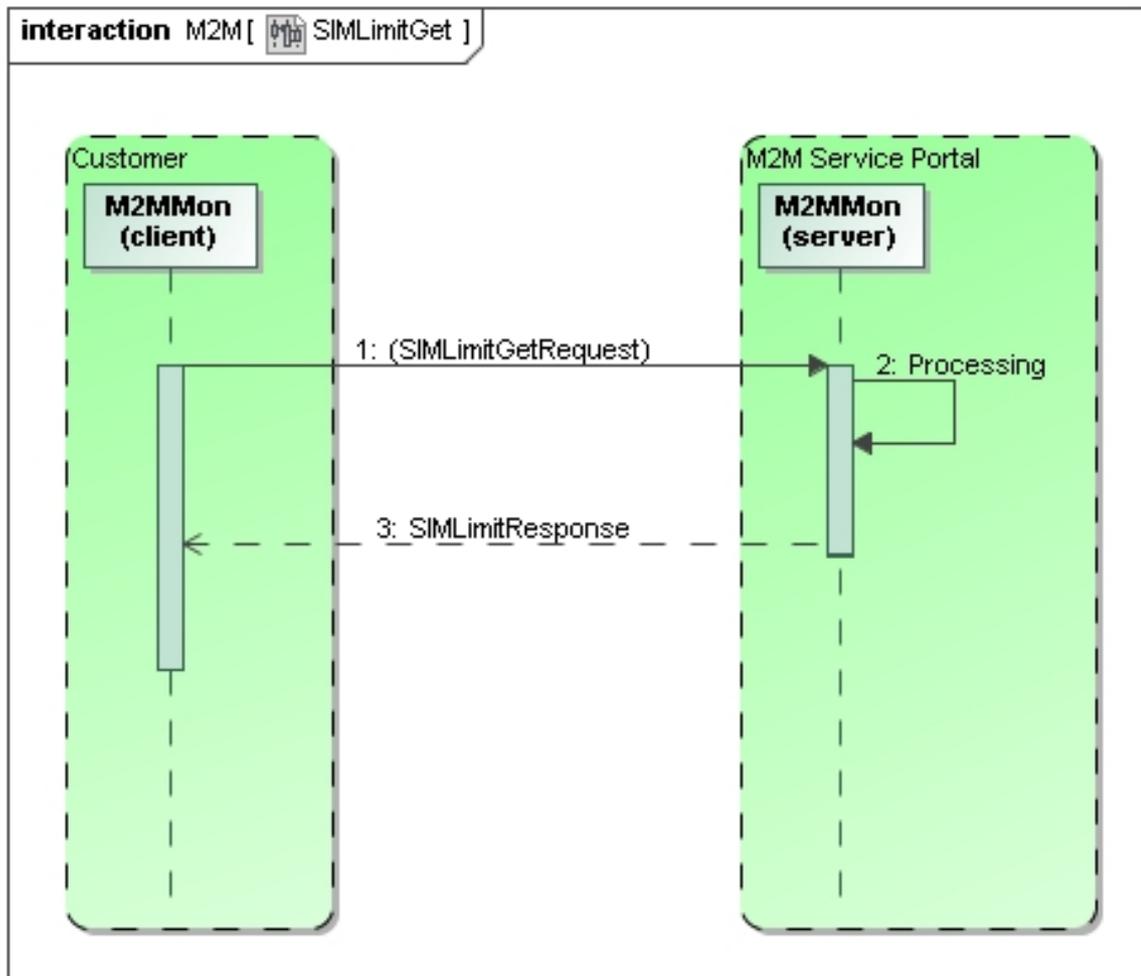
2.5.3 Example “SIMUsageGet” process

The volume, number of calls (for data) and call time (for data) of the current month can be queried with the “SIMUsageGet” request. The transmitted values refer to proper zone. If the tag Zone is empty (<Zone/>), the values refer to overall usage.



2.5.4 Example “SIMLimitGet” process

The limits of a SIM card can be queried with the “SIMLimitGet” request.

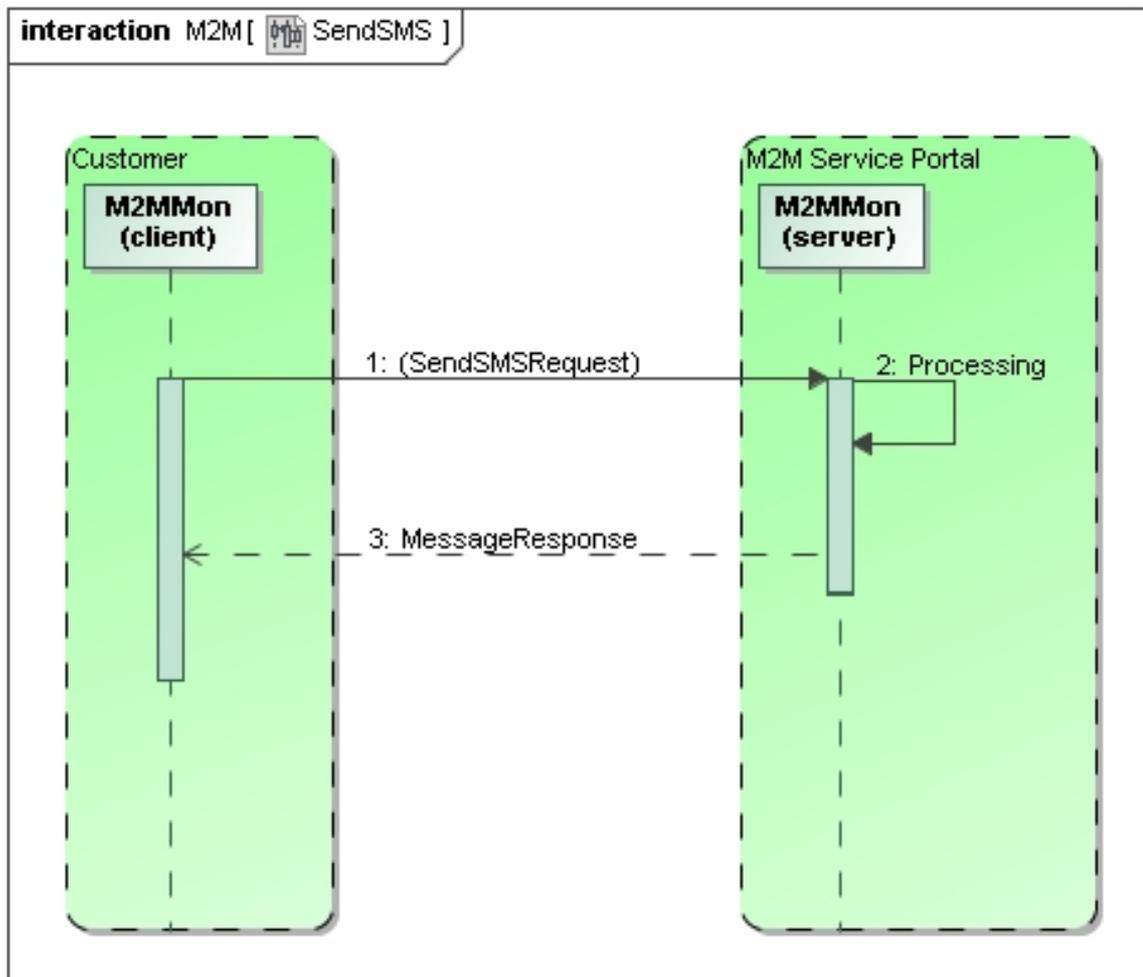


2.5.5 Example “SendSMS” process

The response to a SendSMS request contains a return code which is 0 if the request has been successfully dispatched and sent to the SMS Center. The response might as well contain error codes, in this case the return code is 1 for an error in the short message text, 2 for an error related to a SIM card identifier, 3 for an error related to the SMS Center connection.

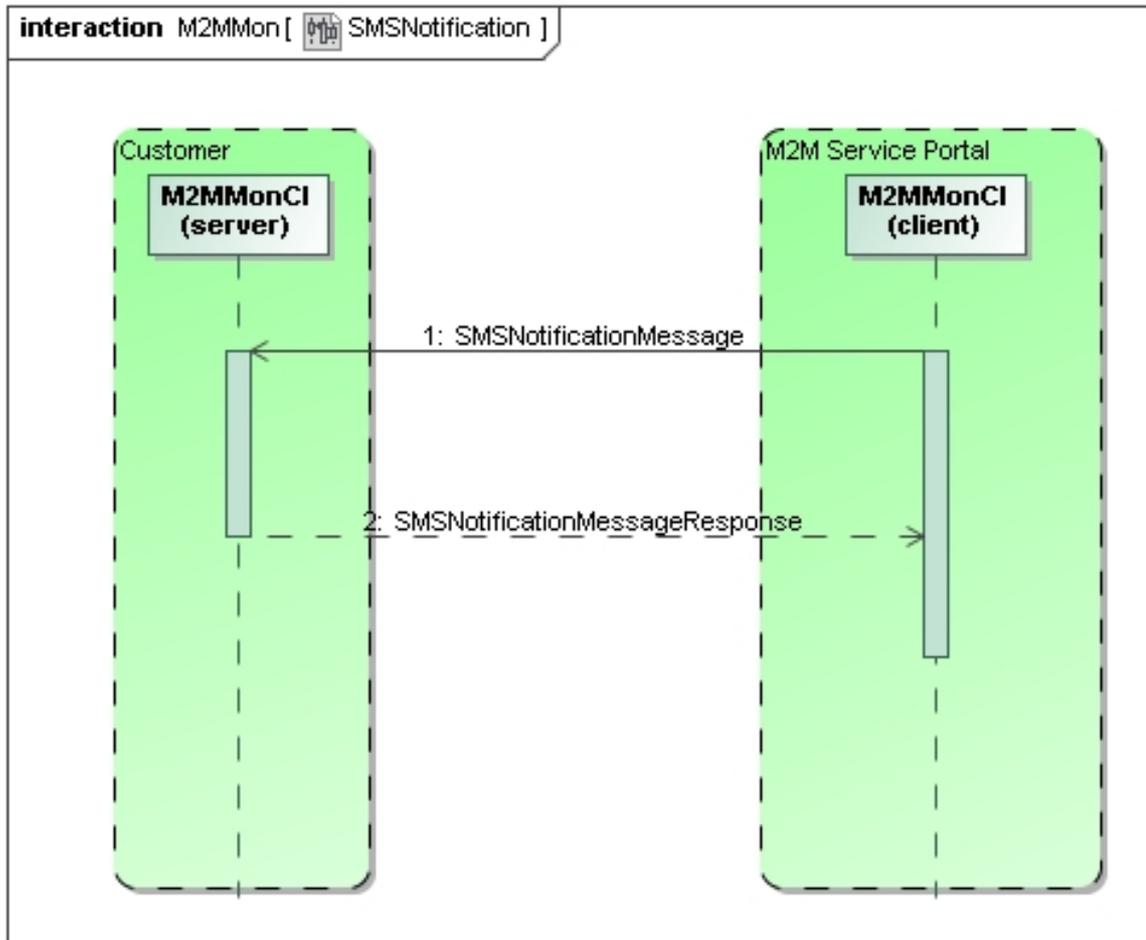
If an error in the message text occurs, StateText includes a ShortMessageText together with error text.

If an error is related to a SIM card, StateText includes the SIM card identifier (MSISDN) together with error text.



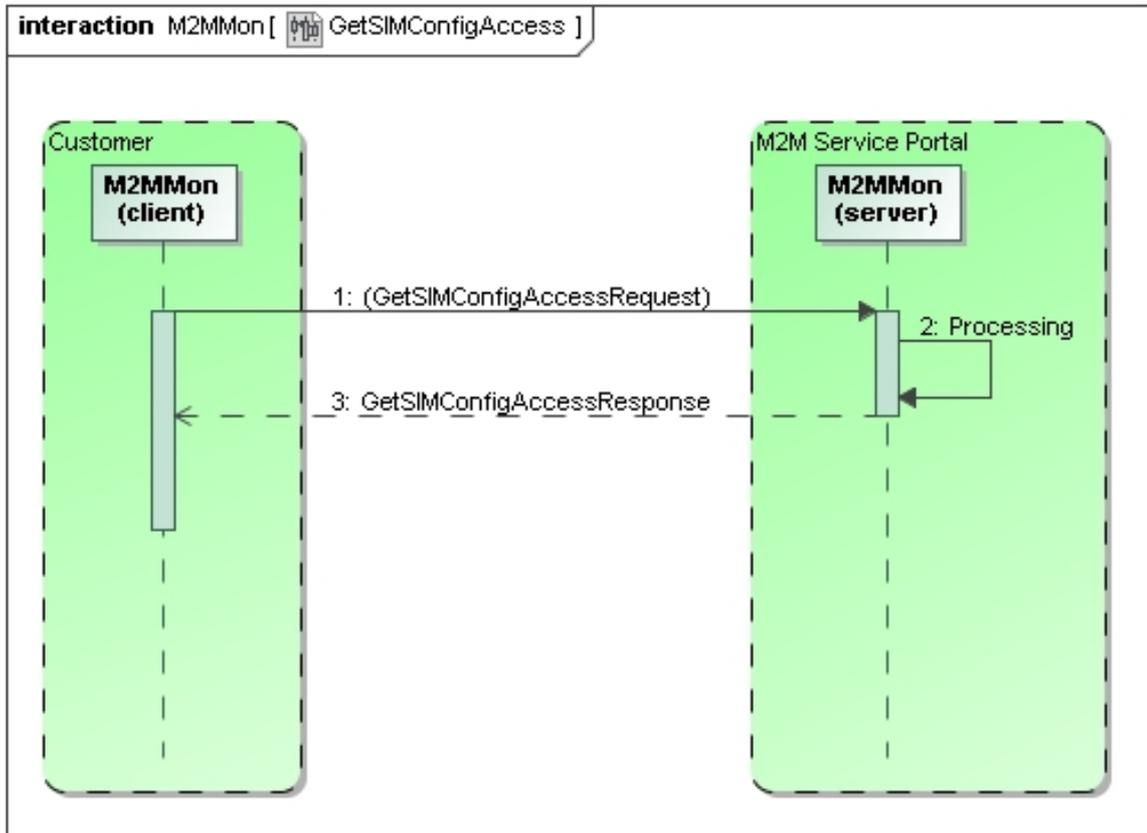
2.5.6 Example “SMSNotification” process

An SMS notification is sent for any status change of the short message recently being transmitted to the SMS Large Account. The status information is propagated to the user via the SMSNotification Request.



2.5.7 Example “GetSIMConfigAccess” process

To retrieve the access config of an M2M SIM card, the customer’s Web Service is the SOAP client [M2MMon (client)] and the M2M service portal is the SOAP server [M2MMon (server)].



2.6 Error handling

In step 5 where the M2M service portal sends asynchronous response to customer, there are two cases:

- if the M2M service portal can not connect to customer or customer does not respond (because of timeout exception) then the M2M service portal waits 20 minutes and tries to send response next time (there are 3 attempts of delivering asynchronous response to customer and time between attempts is 20 minutes),
- if the M2M service portal connects to customer but customer returns wrong M2MAdmResponseMessage then the M2M service portal doesn't send asynchronous response once more but updates only status of suitable record in data base.

2.7 Return codes

Code	Codename	Additional info
M2MAdm, M2MMon codes		
0000	OK	The action was performed successfully without errors.
0001	CHANGE_DATE_IN_THE_PAST	
0100	SIM_NOT_EXIST	
0110	ICCID_IS_IN_INCORRECT_STATE	
0120	ICCID_ALREADY_CONTRACTED	
0140	SIM_DOES_NOT_BELONG_TO_PARTNER	

0200	ACCOUNT_DO_NOT_EXISTS	
0210	ACCOUNT_IS_IN_INCORRECT_STATE	
0220	ACCOUNT_DOES_NOT_BELONG_TO_CUSTOMER	
0300	PARTNER_DO_NOT_EXISTS	
0310	PARTNER_IS_IN_INCORRECT_STATE	
0320	SUBSCRIBED_ACCESS_TYPE_NOT_COMPATIBLE	
0400	CONTRACT_WITH_ICCID_NOT_EXISTS	
0410	CONTRACT_IS_IN_INCORRECT_STATE	
0420	CONTRACT_ALREADY_TERMINATED	
0440	CONTRACT_OPTIONS_DIFFERENCES_ERROR	
0450	CONTRACT_TARIFF_PLAN_DIFFERENCES_ERROR	
0460	SUBSCRIBED_ACCESS_TYPE_NOT_COMPATIBLE	
0500	CONTRACT_OPTION_DOES_NOT_EXIST_ERROR	
0501	APN_DOES_NOT_EXIST_OR_DOES_NOT_BELONG_TO_PARTNER	
0502	STATIC_IP_ADDRESS_DOES_NOT_BELONG_TO_APN	Specified IP address was not found in any of the pools within the specified APN
0505	CANNOT_ASSIGN_STATIC_IP	Specified SIM is contracted, but its contracted options do not allow static IP assignment
0506	CANNOT_ASSIGN_APN	Specified SIM is contracted, but its contracted options do not allow any APN assignment
0507	CANNOT_FIND_SIM_FOR_IMSI_OR_MSISDN	
0508	SIM_IN_WRONG_STATE	SIM is not in any of the following states: OST_LOCKED, OST_CONNECTIVITY_TESTED, OST_DELIVERED, OST_PRODUCTIVE, OST_SUSPENDED, OST_TEST_READY, OST_DISABLED, OST_FROZEN, OST_PENDING
0509	IP_IS_UNAVAILABLE	IP is either assigned to another SIM or is reserved by another SIM (pending assignment)
0510	PRODUCT_BINDING_PERIOD_ERROR	
0511	DEVICE_IS_ONLINE	device is currently online, hence assignment is impossible
0513	POOL_WAS_NOT_ACTIVATED	
0514	DUPLICATED_APN_TO_SIM_ASSIGNMENT	attempted to assign the same APN to the same SIM more than once in one request
0515	DUPLICATED_SIM	The same SIM has been found in the request more than once, even if identified by different identifier - ICCID, IMSI, MSISDN each time
0516	SIM_DOES_NOT_HAVE_ASSIGNED_ANY_OF_THE_ACCESS_OPTIONS	
0517	SIM_HAS_ASSIGNED_THE_OPTION_NO_ACCESS_OPTION	
0518	SIM_DOES_NOT_HAVE_ANY_APN_ASSIGNED	
0519	REQUEST_DOES_NOT_HAVE_SIM_ID	
0520	CONTRACTED_PRODUCTS_ARE_EXCLUDED	
0521	APN_DOES_NOT_HAVE_ID_IN_ORDER_OR_THERE_IS_NO	

	_APN	
0522	APN_ALREADY_PRESENT	
0523	SIM_ALREADY_HAS_10_APNS	
0524	APN_DOES_NOT_BELONG_TO_SIM	
0525	TOO_MANY_APNS_ASSIGNED_TO_SIM	
0530	PRODUCT_IS_NOT_IN_TARIFF_PLAN_VARIANT	
0550	PRODUCT_LIST_CONTAINS_DUPLICATIONS	
0560	PRODUCT_ALREADY_CONTRACTED	
0600	TARIFF_PLAN_DO_NOT_EXISTS	
0620	TARIFF_PLAN_IS_NOT_AVAILABLE_FOR_CUSTOMER	
0630	TEST_TARIFF_PLAN_IS_NOT_AVAILABLE_FOR_CUSTOMER	
0640	TARIFF_PLAN_VARIANT_DO_NOT_HAS_TEST_TARIFF_PLAN	
0650	TARIFF_PLAN_VARIANT_NOT_VOICE_TARIFF	
0700	FRAUD_PROFILE_DO_NOT_EXISTS	
0710	FRAUD_PROFILE_NAME_DO_NOT_MATCH_PROFILE_TYPE	
0720	FRAUD_PROFILE_IS_NOT_ASSIGNED_TO_PARTNER	
0730	FRAUD_PROFILE_IS_NOT_ACTIVE	
0800	LIMIT_PROFILE_DO_NOT_EXISTS	
0810	LIMIT_PROFILE_NAME_DO_NOT_MATCH_PROFILE_TYPE	
0820	LIMIT_PROFILE_IS_NOT_ASSIGNED_TO_PARTNER	
0830	LIMIT_PROFILE_IS_NOT_ACTIVE	
0840	VOICE_SETTING_DOES_NOT_EXIST	
0850	VOICE_SETTING_IS_NOT_ACTIVE	
0860	ACTIVATION_TEMPLATE_DOES_NOT_EXIST	
0861	APN_DOES_NOT_BELONG_TO_PARTNER	
0862	PROFILE_NOT_ENABLED	
0863	TARIFF_PLAN_VARIANT_DOES_NOT_BELONG_TO_PARTNER	
0864	TARIFF_PROFILE_DOES_NOT_CONFIGURE_APN_PRODUCTS	
0871	VOICE_PROFILE_IS_NOT_ACTIVE	
0872	TARIFF_PROFILE_IS_NOT_ACTIVE	
0873	DATA_ACCESS_PROFILE_IS_NOT_ACTIVE	
0900	TRANSACTION_ID_SHOULD_BE_UNIQUE	
0903	TRANSACTION_OBJECT_LOCKED	
0998	ICCID_IS_NOT_SELECTED_(FIELD_COULD_NOT_BE_EMPTY)	
0999	TO_MANY_ICCID_SELECTED_(MORE_THAN_100_IS_FORBIDDEN)	
1000	OTHER_ERROR	CRM Internal error
1100	SUBSCRIBED_ACCESS_TYPE_NOT_COMPATIBLE	
1110	NETWORK_PROFILE_NAME_DO_NOT_MATCH_PROFILE_TYPE	
1120	NETWORK_PROFILE_NAME_DO_NOT_MATCH_PROFILE_TYPE	
1130	NETWORK_PROFILE_IS_NOT_ACTIVE	
1101	ERROR_SUS_MAX_TIME	Maximum suspension time has been exceeded
1102	ERROR_SUS_MIN_TIME	Minimum suspension time is greater than remaining time of suspension

1201	ERROR_UN SUS_TIME_IS_LESS	SIM suspension time is less than minimum suspension time
1202	ERROR_UN SUS_CANNOT_SUS_UN SUS_THE_SAME_TIME	SIM cannot be suspended and unsuspended in the same day
2101	ICCID_NOT_FOUND	
3000	OTHER_ERROR	SMS_OTHER_ERROR
10012	EXTERNAL_ID_NOT_UNIQUE	
10013	PARTNER_MISMATCH_ERROR	PartnerCrmlId mismatch error
10020	CRM_CONNECTION_ERROR	
10021	3ARTS_CONNECTION_ERROR	
10030	USER_API_KEY_NOT_EXIST	
10031	CRM_PERMISSION_DENIED	
10032	PARTNER_API_TARGET_NOT_DENIED	
10033	UNSUPPORTED_OPERATION	For example when SIMListGet is invoked via WS API but only FILE API is supported for SIMListGet.
10039	UNKNOWN_CRM_ERROR	
11111	B2B_INTERNAL_ERROR	Unexpected exception
70000	REQUEST_TIMESTAMP_FURTHER_THAN_THREE_MONTHS	
70001	REQUEST_TIMESTAMP_IS_IN_THE_FUTURE	
70002	REQUEST_MATID_AND_DATECODE_MISSING	
SMS codes		
0#0000	OK	The action was performed successfully without errors.
1#2204	NON_ALPHANUMERIC_CHARACTER	The message contains bad character
1#2205	INVALID_VALIDITY_PERIOD	Validity period have not hh:mm format
1#2209	VALIDITY_PERIOD_TOO_LONG	
1#2210	VALIDITY_PERIOD_TOO_SHORT	
1#2211	BAD_MESSAGE_TYPE	Message type not managed
1#2212	BAD_NOTIFICATION_REQUEST	Notification request not managed
1#2213	BAD_NOTIFICATION_TYPE	Notification type not managed
2#2100	MSISDN_NOT_FOUND	
2#2101	ICCID_NOT_FOUND	
2#2140	MSISDN_DOES_NOT_BELONG_TO_PARTNER	
2#2142	MSISDN_NOT_ACTIVE	
3#2300	PARTNER_NOT_CONFIGURED	Missing additional attribute on partner to be able to send SMS
3#2302	BAD_ACCOUNT_ID	
3#3000	OTHER_ERROR	Unexpected exception
3#10020	CRM_CONNECTION_ERROR	

2.8 Partner related attributes

The following table describes the partner-related attributes. The values of these attributes are defined during the partner registration process and must be communicated by corresponding Organisational unit (Account Mngmt.) to the Partner or might be found in the GUI (see column "Location").

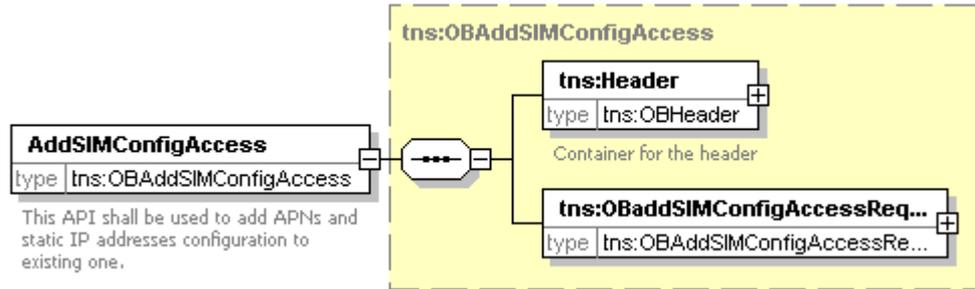
Parameter name	Additional description	Location
ICCID	String, 20 digits value	GUI: Resources/SIM overview/[selected SIM]/Column: ICCID or Dashboard/[selected SIM]/Column: ICCID

Parameter name	Additional description	Location
TariffPlanName	-	GUI: Administration/Partner data/Tariffs/Column: Name Values: M2M-Connect M2M Connect ExamplePartner T2
TestTariffPlan	Defines if this is a test tariff plan	Values: true/false
FraudProfileName	String (may be empty)	GUI: Administration/Profiles/Type [Fraud profile] & State [Enabled] / Column: Profile
LimitProfileName	String (may be empty)	GUI: Administration/Profiles/Type [Limit profile] & State [Enabled] / Column: Profile
VoiceSettingsName	String (may be empty)	GUI: Dashboard/ choose SIM / Activate SIM / Set voice settings
AccountCrmlId	-	GUI: Administration/SIM Groups/ [SIM group] /Overview/ CRM ID
TariffIdentification	-	GUI: Dashboard / choose SIM / Activate SIM/ Option national, Option International, Option Access
Identification	String, values the same as in TariffIdentification	GUI: Dashboard / choose SIM / Activate SIM/ Option national, Option International, Option Access
ExternalId	Unique number which connects request with response.	Can be freely defined by partner
Zones	Area codes	-
EIMessageContext/target	-	Value communicated to the partner
EIMessageContext/sender	-	Value communicated to the partner
M2MApiKey	API key for authentication	Value communicated to the partner (can be reset over GUI)
LargeAccountId	-	Value communicated to the partner
LAPassword	-	Value communicated to the partner
NetworkProfileName	-	GUI: Administration/Network profiles/Profile

3 M2MAdm (Server) Web Service

3.1 element AddSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAddSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBAddSIMConfigAccessRequest](#)

annotation documentation

This API shall be used to add APNs and static IP addresses configuration to existing one.

source `<element name="AddSIMConfigAccess" type="tns:OBAddSIMConfigAccess">`

`<annotation>`

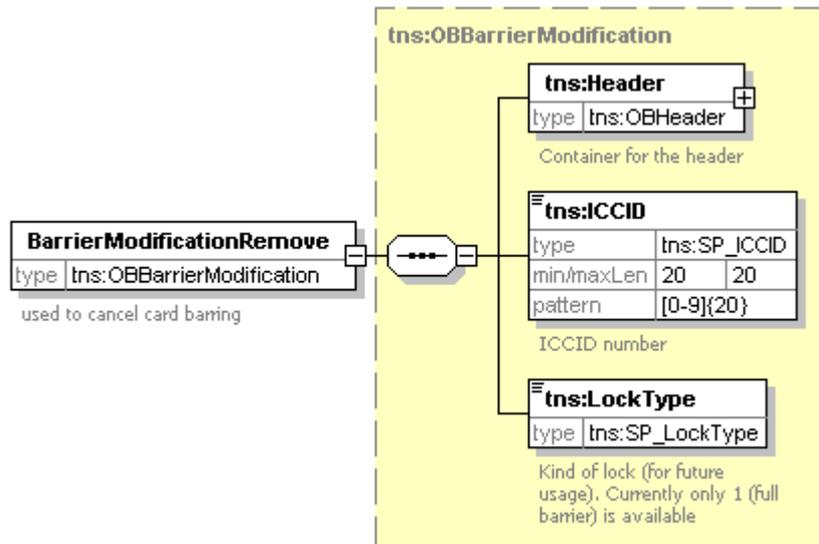
`<documentation>This API shall be used to add APNs and static IP addresses configuration to existing one.</documentation>`

`</annotation>`

`</element>`

3.2 element BarrierModificationRemove

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBBarrierModification](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:LockType](#)

annotation documentation

used to cancel card barring

source `<element name="BarrierModificationRemove" type="tns:OBBarrierModification">`

`<annotation>`

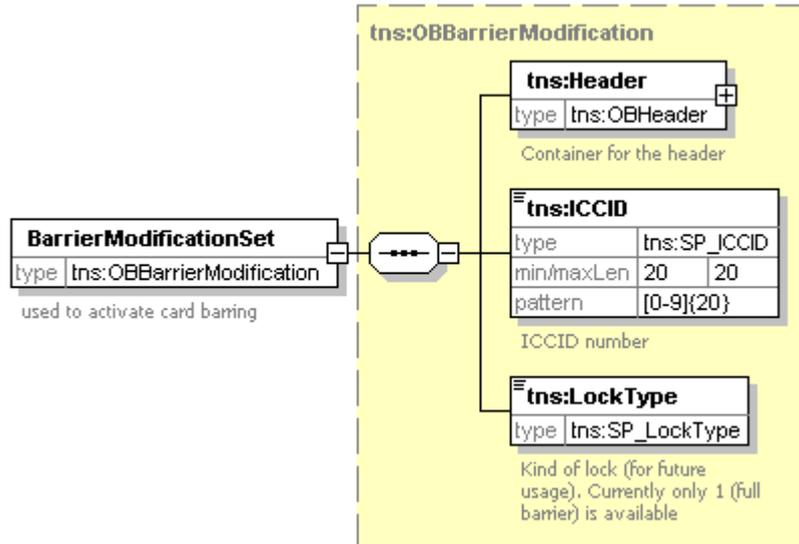
`<documentation>used to cancel card barring</documentation>`

`</annotation>`

`</element>`

3.3 element BarrierModificationSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBBarrierModification](#)

properties content complex

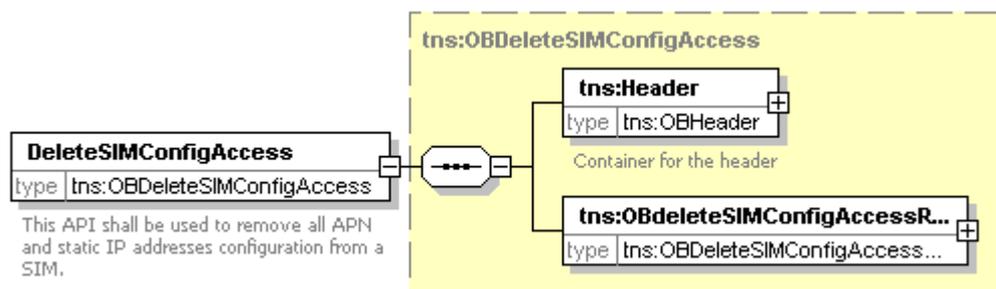
children [tns:Header](#) [tns:ICCID](#) [tns:LockType](#)

annotation documentation
used to activate card barring

source `<element name="BarrierModificationSet" type="tns:OBBarrierModification">
<annotation>
<documentation>used to activate card barring</documentation>
</annotation>
</element>`

3.4 element DeleteSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBDeleteSIMConfigAccess](#)

properties content complex

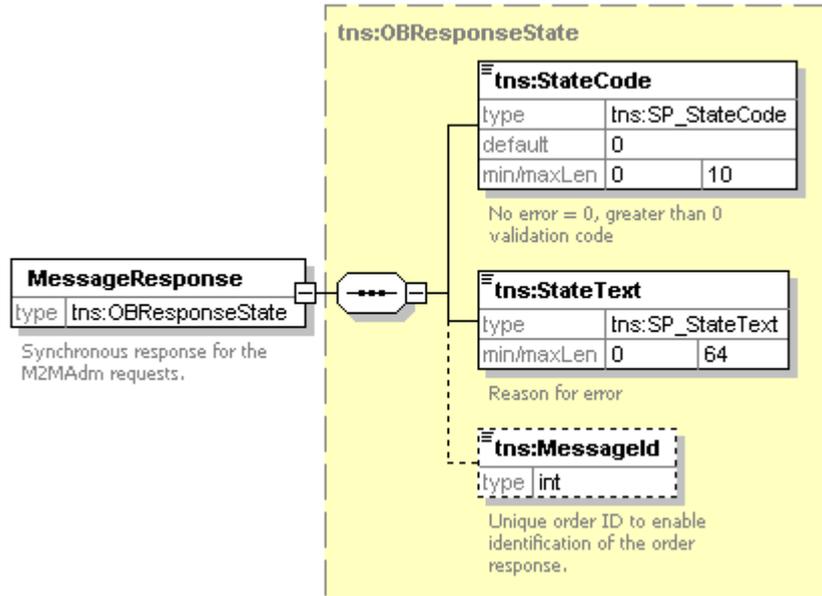
children [tns:Header](#) [tns:OBdeleteSIMConfigAccessRequest](#)

annotation documentation
This API shall be used to remove all APN and static IP addresses configuration from a SIM.

source `<element name="DeleteSIMConfigAccess" type="tns:OBDeleteSIMConfigAccess">
<annotation>
<documentation>This API shall be used to remove all APN and static IP addresses configuration from a
SIM.</documentation>
</annotation>
</element>`

3.5 element MessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBResponseState](#)

properties content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation

Synchronous response for the M2MAdm requests.

source `<element name="MessageResponse" type="tns:OBResponseState">`

`<annotation>`

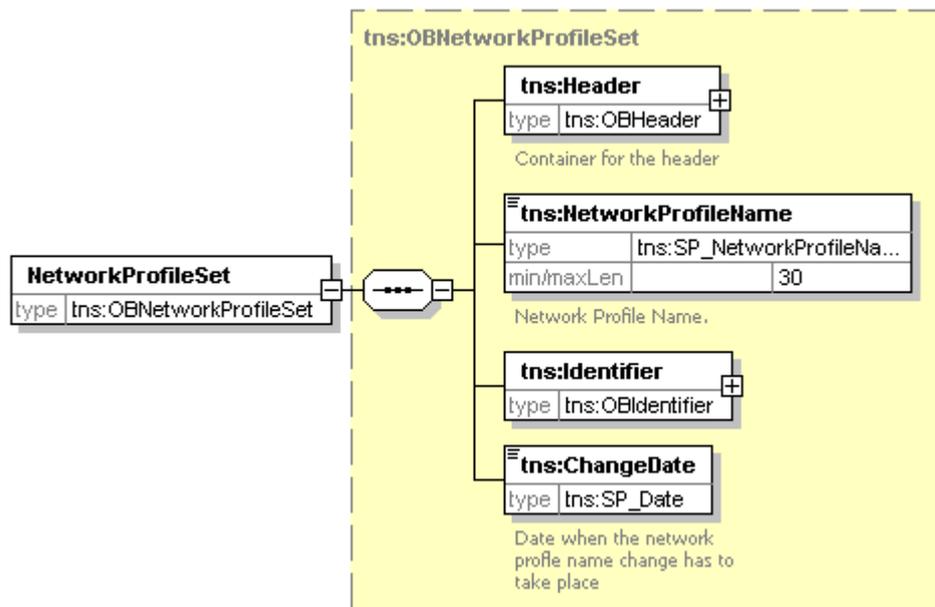
`<documentation>Synchronous response for the M2MAdm requests.</documentation>`

`</annotation>`

`</element>`

3.6 element NetworkProfileSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBNetworkProfileSet](#)

properties content complex

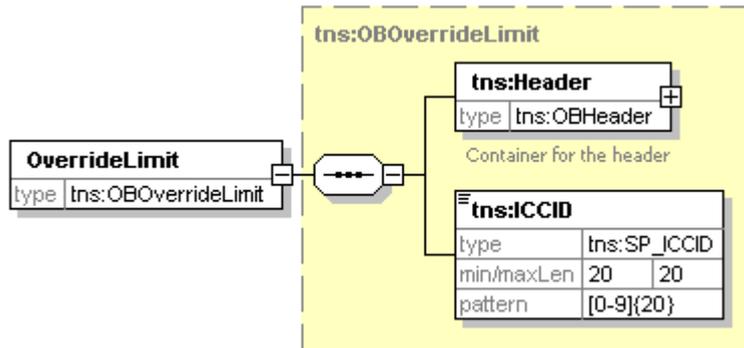
children [tns:Header](#) [tns:NetworkProfileName](#) [tns:Identifier](#) [tns:ChangeDate](#)

source

```
<element name="NetworkProfileSet" type="tns:OBNetworkProfileSet">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

3.7 element OverrideLimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBOverrideLimit](#)

properties content complex

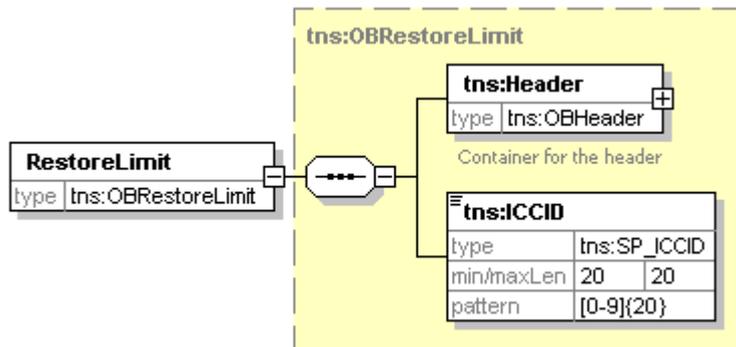
children [tns:Header](#) [tns:ICCID](#)

source

```
<element name="OverrideLimit" type="tns:OBOverrideLimit">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

3.8 element RestoreLimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBRestoreLimit](#)

properties content complex

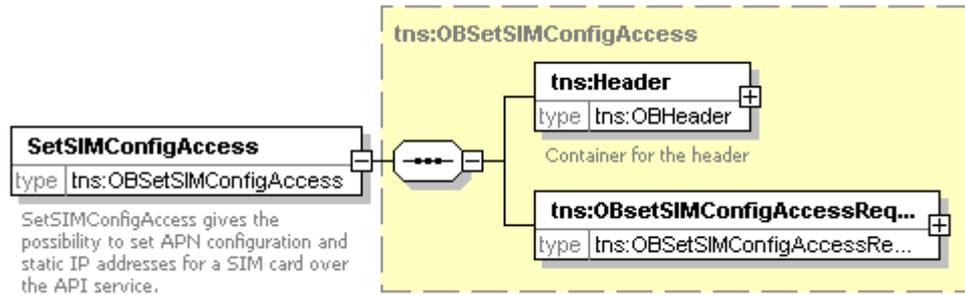
children [tns:Header](#) [tns:ICCID](#)

source

```
<element name="RestoreLimit" type="tns:OBRestoreLimit">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

3.9 element SetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSetSIMConfigAccess](#)

properties content complex

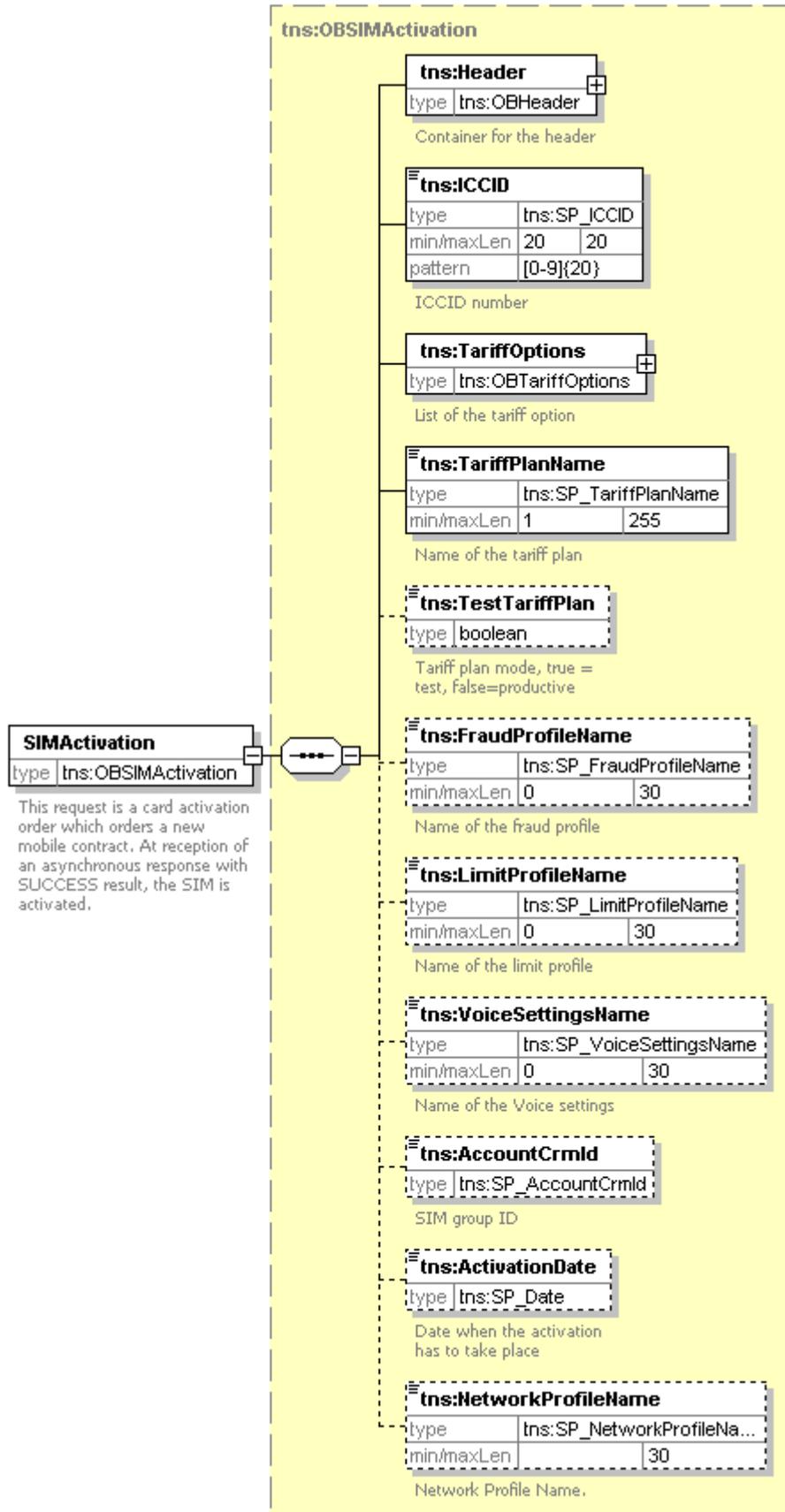
children [tns:Header](#) [tns:OBsetSIMConfigAccessRequest](#)

annotation documentation
SetSIMConfigAccess gives the possibility to set APN configuration and static IP addresses for a SIM card over the API service.

```
source <element name="SetSIMConfigAccess" type="tns:OBSetSIMConfigAccess">
  <annotation>
    <documentation>SetSIMConfigAccess gives the possibility to set APN configuration and static IP addresses for a SIM
card over the API service.</documentation>
  </annotation>
</element>
```

3.10 element SIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMActivation](#)

properties content complex

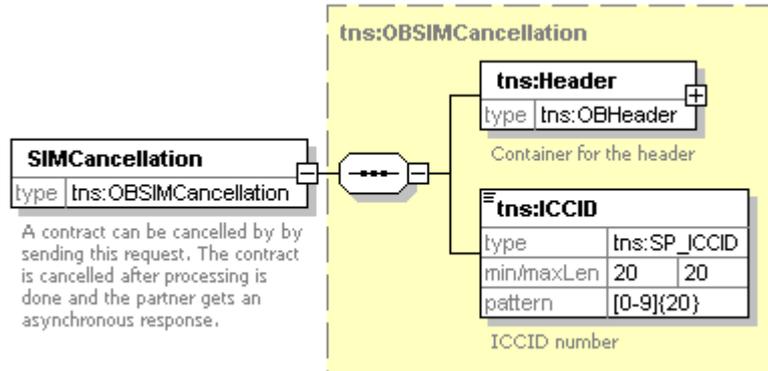
children [tns:Header](#) [tns:ICCID](#) [tns:TariffOptions](#) [tns:TariffPlanName](#) [tns:TestTariffPlan](#) [tns:FraudProfileName](#)
[tns:LimitProfileName](#) [tns:VoiceSettingsName](#) [tns:AccountCrmlid](#) [tns:ActivationDate](#) [tns:NetworkProfileName](#)

annotation documentation
This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.

source `<element name="SIMActivation" type="tns:OBSIMActivation">`
`<annotation>`
`<documentation>`This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.`</documentation>`
`</annotation>`
`</element>`

3.11 element SIMCancellation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMCancellation](#)

properties content complex

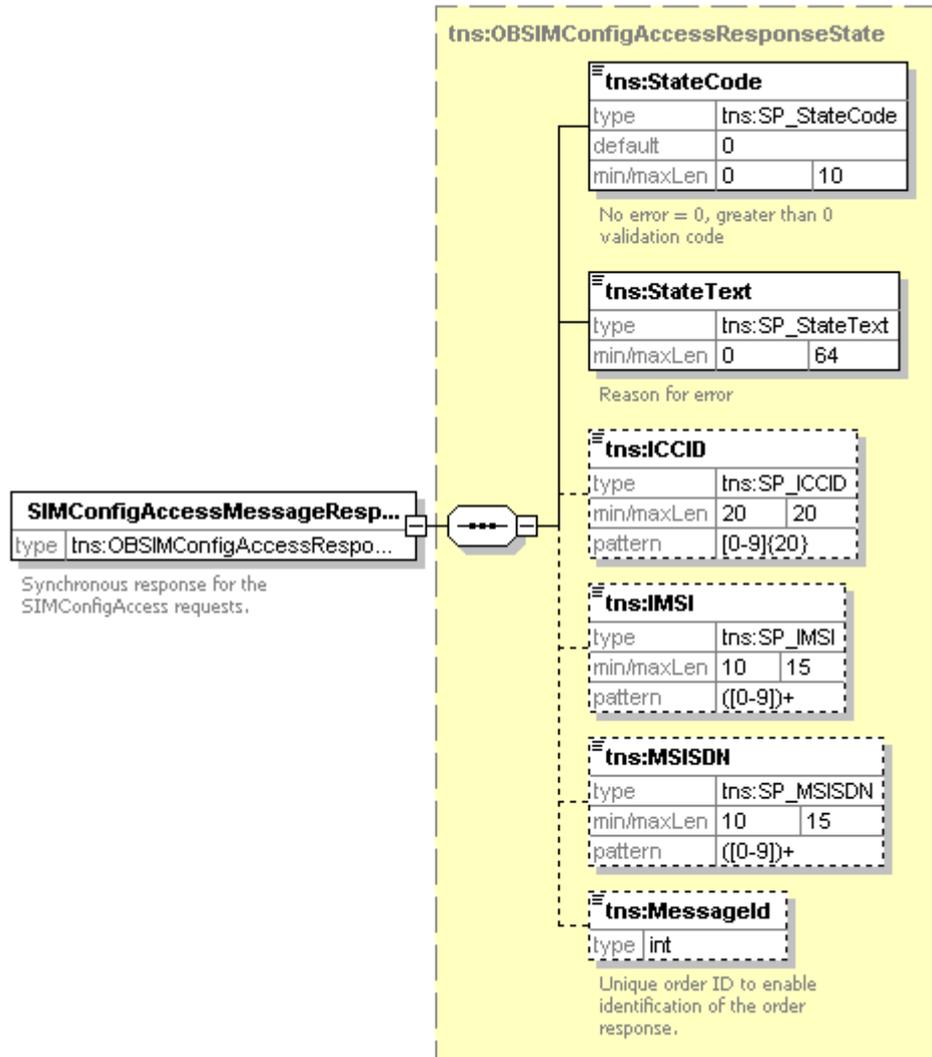
children [tns:Header](#) [tns:ICCID](#)

annotation documentation
A contract can be cancelled by by sending this request. The contract is cancelled after processing is done and the partner gets an asynchronous response.

source `<element name="SIMCancellation" type="tns:OBSIMCancellation">`
`<annotation>`
`<documentation>`A contract can be cancelled by by sending this request. The contract is cancelled after processing is done and the partner gets an asynchronous response.`</documentation>`
`</annotation>`
`</element>`

3.12 element SIMConfigAccessMessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMConfigAccessResponseState](#)

properties content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:MessageId](#)

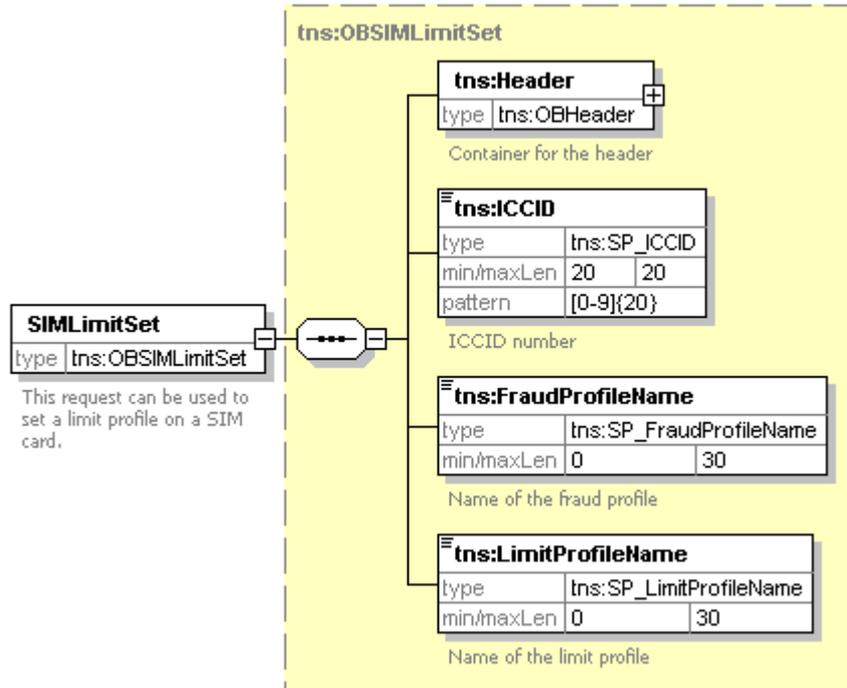
annotation documentation

Synchronous response for the SIMConfigAccess requests.

source `<element name="SIMConfigAccessMessageResponse" type="tns:OBSIMConfigAccessResponseState">
 <annotation>
 <documentation>Synchronous response for the SIMConfigAccess requests.</documentation>
 </annotation>
 </element>`

3.13 element SIMLimitSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMLimitSet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#)

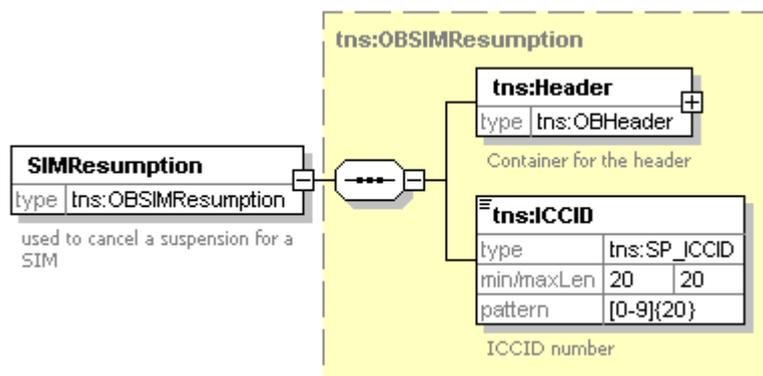
documentation

This request can be used to set a limit profile on a SIM card.

source `<element name="SIMLimitSet" type="tns:OBSIMLimitSet">`
`<annotation>`
`<documentation>This request can be used to set a limit profile on a SIM card.</documentation>`
`</annotation>`
`</element>`

3.14 element SIMResumption

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMResumption](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

documentation

used to cancel a suspension for a SIM

source `<element name="SIMResumption" type="tns:OBSIMResumption">`
`<annotation>`

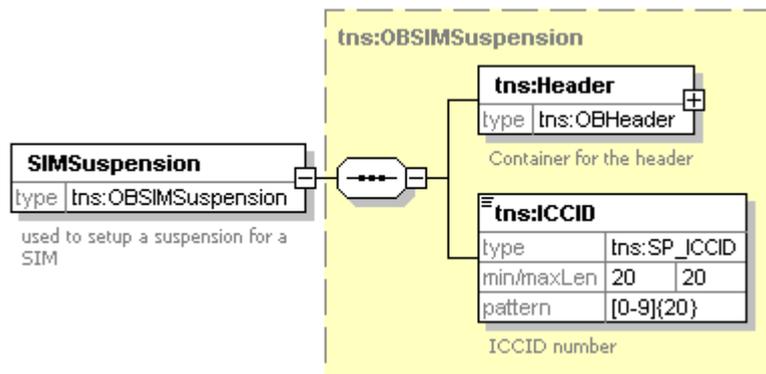
```

<documentation>used to cancel a suspension for a SIM</documentation>
</annotation>
</element>

```

3.15 element SIMSuspension

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMSuspension](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation
used to setup a suspension for a SIM

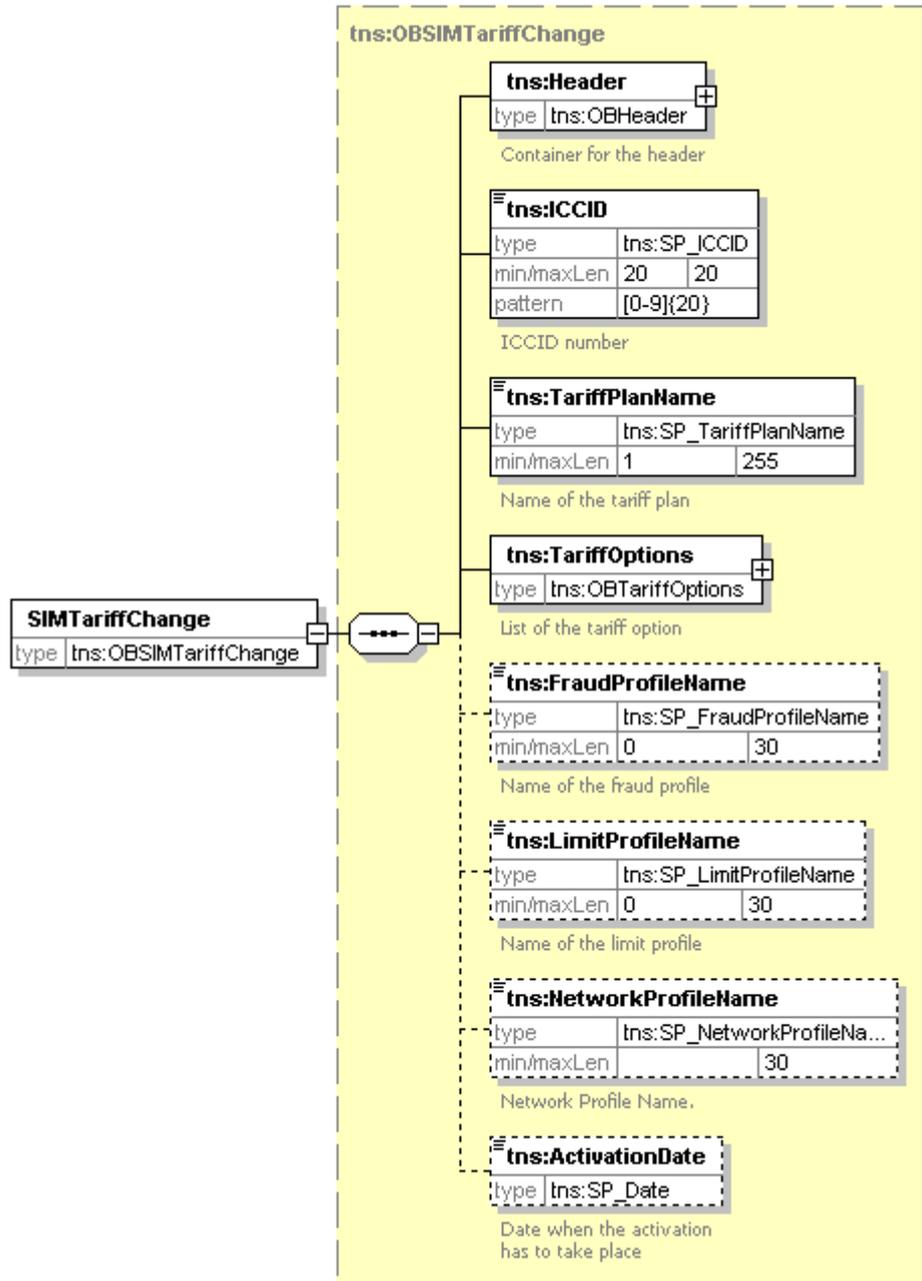
```

source <element name="SIMSuspension" type="tns:OBSIMSuspension">
  <annotation>
    <documentation>used to setup a suspension for a SIM</documentation>
  </annotation>
</element>

```

3.16 element SIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMTariffChange](#)

properties content complex

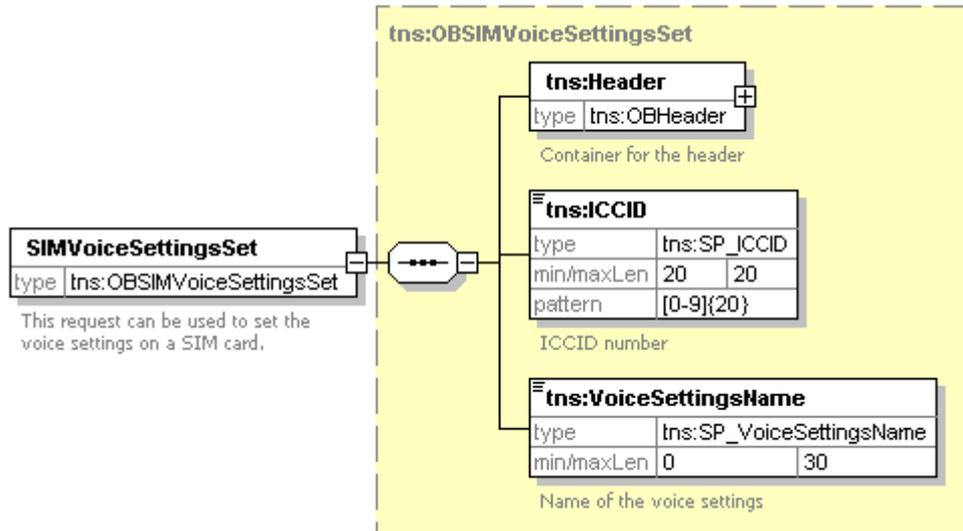
children [tns:Header](#) [tns:ICCID](#) [tns:TariffPlanName](#) [tns:TariffOptions](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:NetworkProfileName](#) [tns:ActivationDate](#)

source

```
<element name="SIMTariffChange" type="tns:OBSIMTariffChange">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

3.17 element SIMVoiceSettingsSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMVoiceSettingsSet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:VoiceSettingsName](#)

documentation

This request can be used to set the voice settings on a SIM card.

source `<element name="SIMVoiceSettingsSet" type="tns:OBSIMVoiceSettingsSet">`

`<annotation>`

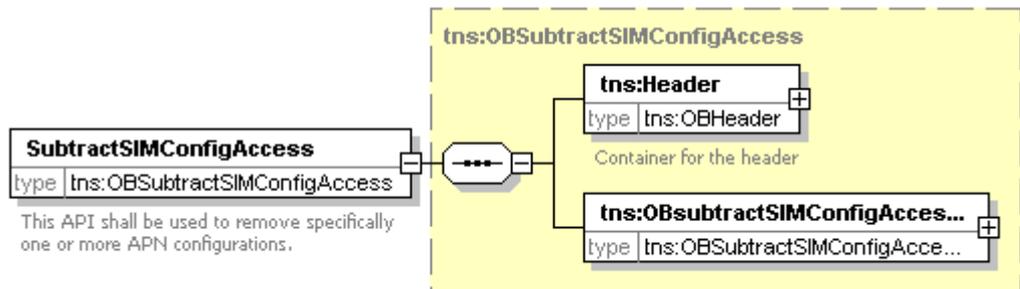
`<documentation>This request can be used to set the voice settings on a SIM card.</documentation>`

`</annotation>`

`</element>`

3.18 element SubtractSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSubtractSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBSubtractSIMConfigAccessRequest](#)

documentation

This API shall be used to remove specifically one or more APN configurations.

source `<element name="SubtractSIMConfigAccess" type="tns:OBSubtractSIMConfigAccess">`

`<annotation>`

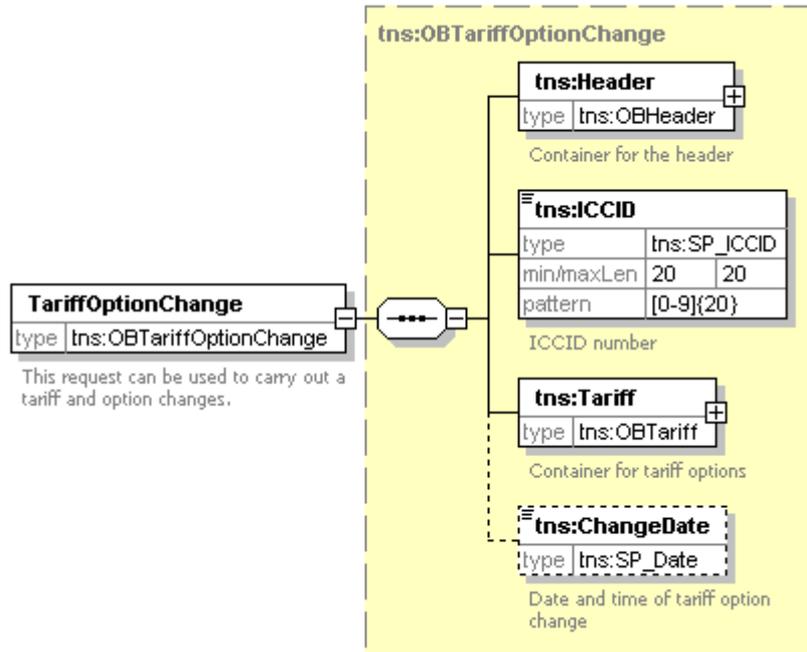
`<documentation>This API shall be used to remove specifically one or more APN configurations.</documentation>`

`</annotation>`

`</element>`

3.19 element TariffOptionChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptionChange](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:Tariff](#) [tns:ChangeDate](#)

annotation documentation

This request can be used to carry out a tariff and option changes.

source `<element name="TariffOptionChange" type="tns:OBTariffOptionChange">`

`<annotation>`

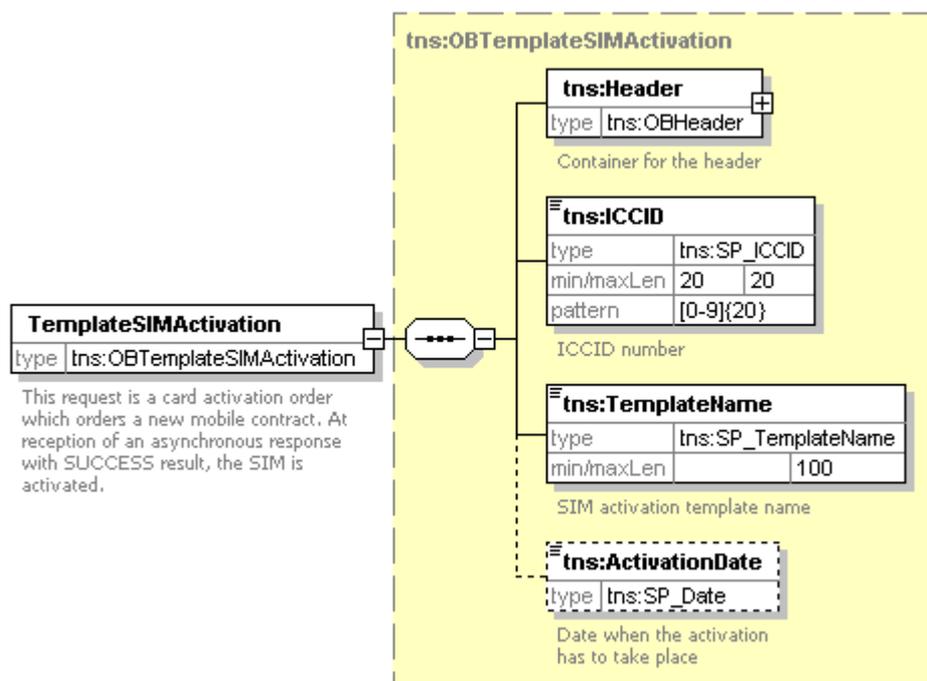
`<documentation>This request can be used to carry out a tariff and option changes.</documentation>`

`</annotation>`

`</element>`

3.20 element TemplateSIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTemplateSIMActivation](#)

properties content complex

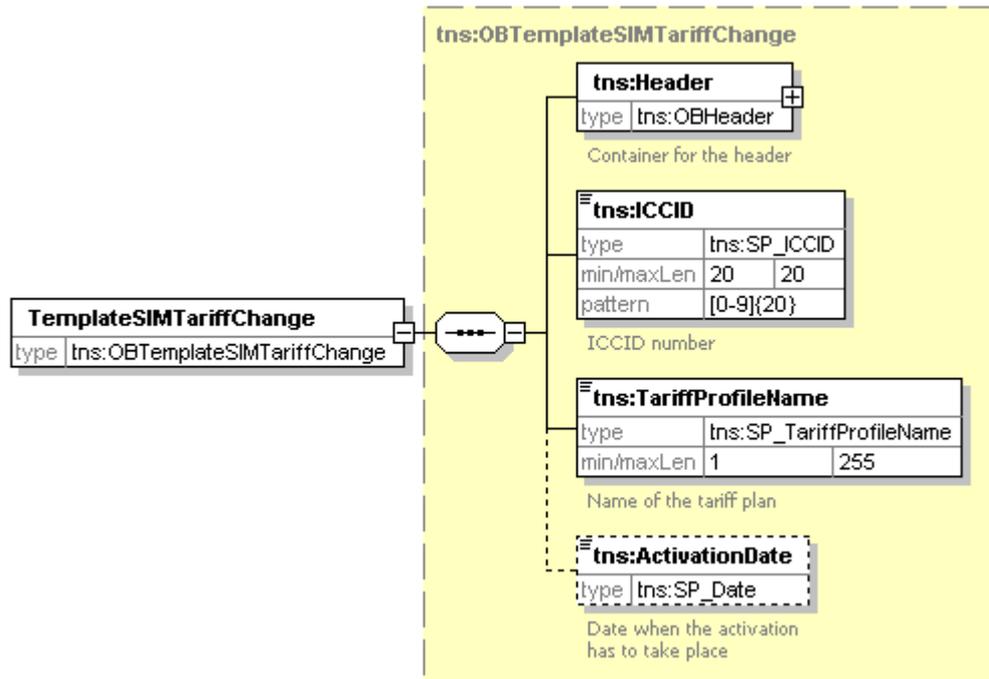
children [tns:Header](#) [tns:ICCID](#) [tns:TemplateName](#) [tns:ActivationDate](#)

annotation documentation
This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.

source `<element name="TemplateSIMActivation" type="tns:OBTemplateSIMActivation">
<annotation>
<documentation>This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.</documentation>
</annotation>
</element>`

3.21 element TemplateSIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTemplateSIMTariffChange](#)

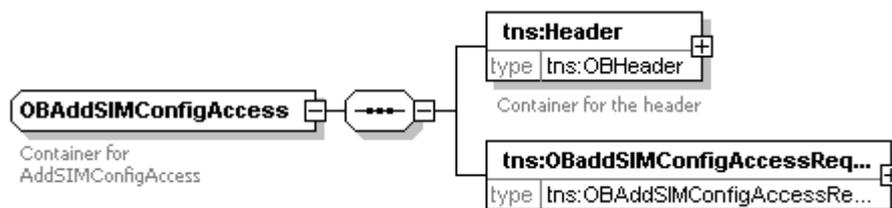
properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:TariffProfileName](#) [tns:ActivationDate](#)

source `<element name="TemplateSIMTariffChange" type="tns:OBTemplateSIMTariffChange">
<annotation>
<documentation/>
</annotation>
</element>`

3.22 complexType OBAddSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OAddSIMConfigAccessRequest](#)

used by element [AddSIMConfigAccess](#)

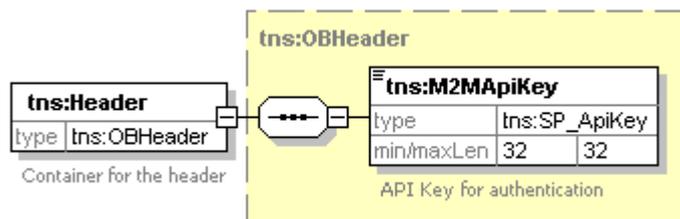
annotation documentation
Container for AddSIMConfigAccess

source

```
<complexType name="OAddSIMConfigAccess">
  <annotation>
    <documentation>Container for AddSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OAddSIMConfigAccessRequest" type="tns:OAddSIMConfigAccessRequest"/>
  </sequence>
</complexType>
```

3.23 element OAddSIMConfigAccess/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

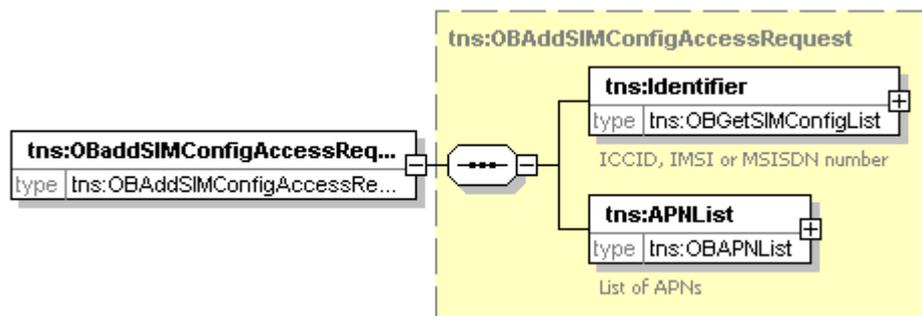
annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

3.24 element OAddSIMConfigAccess/OAddSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OAddSIMConfigAccessRequest](#)

properties isRef 0
content complex

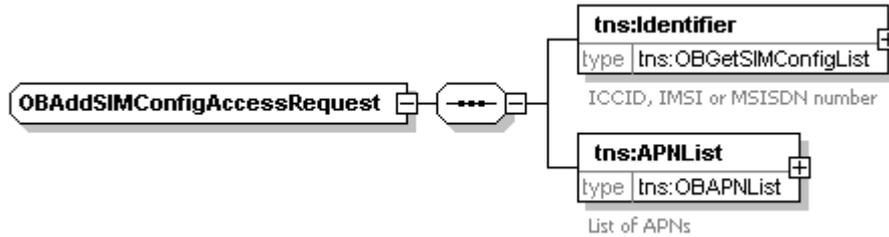
children [tns:Identifier](#) [tns:APNList](#)

source

```
<element name="OAddSIMConfigAccessRequest" type="tns:OAddSIMConfigAccessRequest"/>
```

3.25 complexType OBAddSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Identifier](#) [tns:APNList](#)

used by element [OBAddSIMConfigAccess/OBaddSIMConfigAccessRequest](#)

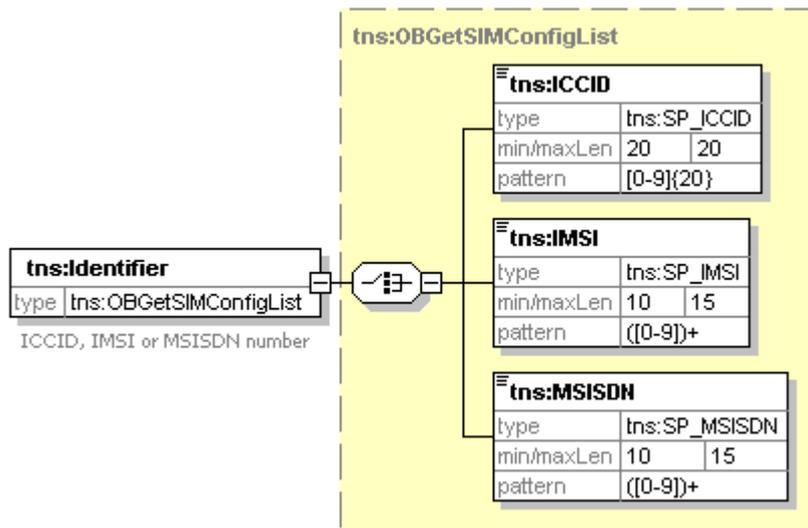
```

source <complexType name="OBAddSIMConfigAccessRequest">
  <sequence>
    <element name="Identifier" type="tns:OBGetSIMConfigList">
      <annotation>
        <documentation>ICCID, IMSI or MSISDN number</documentation>
      </annotation>
    </element>
    <element name="APNList" type="tns:OBAPNList">
      <annotation>
        <documentation>List of APNs</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.26 element OBAddSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

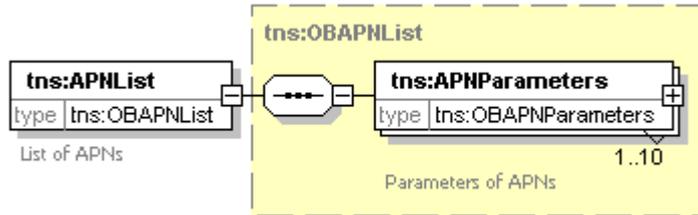
```

source <element name="Identifier" type="tns:OBGetSIMConfigList">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
</element>

```

3.27 element OBadSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNList](#)

properties isRef 0
content complex

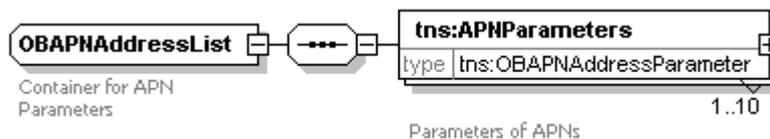
children [tns:APNParameters](#)

annotation documentation
List of APNs

```
<element name="APNList" type="tns:OBAPNList">
  <annotation>
    <documentation>List of APNs</documentation>
  </annotation>
</element>
```

3.28 complexType OBAPNAddressList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNParameters](#)

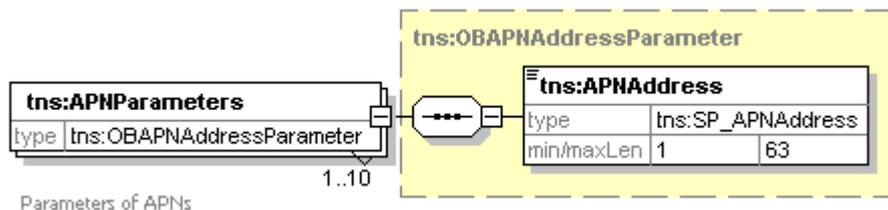
used by element [OBSubtractSIMConfigAccessRequest/APNList](#)

annotation documentation
Container for APN Parameters

```
<complexType name="OBAPNAddressList">
  <annotation>
    <documentation>Container for APN Parameters</documentation>
  </annotation>
  <sequence>
    <element name="APNParameters" type="tns:OBAPNAddressParameter" maxOccurs="10">
      <annotation>
        <documentation>Parameters of APNs</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

3.29 element OBAPNAddressList/APNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNAddressParameter](#)

properties isRef 0
minOcc 1
maxOcc 10

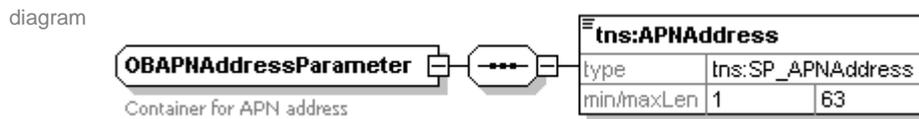
content complex

children [tns:APNAddress](#)

annotation documentation
Parameters of APNs

source `<element name="APNParameters" type="tns:OBAPNAddressParameter" maxOccurs="10">`
`<annotation>`
`<documentation>Parameters of APNs</documentation>`
`</annotation>`
`</element>`

3.30 complexType OBAPNAddressParameter



namespace <http://m2m-ws.telekom.de/M2MAdm>

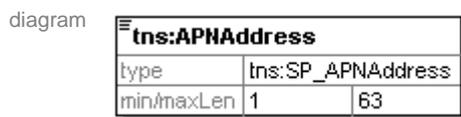
children [tns:APNAddress](#)

used by element [OBAPNAddressList/APNParameters](#)

annotation documentation
Container for APN address

source `<complexType name="OBAPNAddressParameter">`
`<annotation>`
`<documentation>Container for APN address</documentation>`
`</annotation>`
`<sequence>`
`<element name="APNAddress" type="tns:SP_APNAddress"/>`
`</sequence>`
`</complexType>`

3.31 element OBAPNAddressParameter/APNAddress



namespace <http://m2m-ws.telekom.de/M2MAdm>

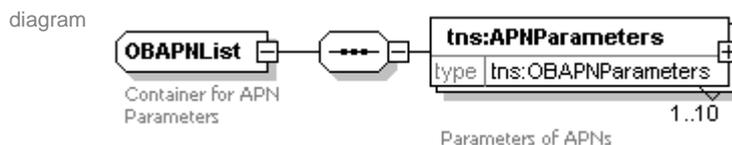
type [tns:SP_APNAddress](#)

properties isRef 0
content simple

facets minLength 1
maxLength 63

source `<element name="APNAddress" type="tns:SP_APNAddress"/>`

3.32 complexType OBAPNList



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNParameters](#)

used by elements [OBSetSIMConfigAccessRequest/APNList](#) [OBAddSIMConfigAccessRequest/APNList](#)

annotation documentation
Container for APN Parameters

source `<complexType name="OBAPNList">`
`<annotation>`
`<documentation>Container for APN Parameters</documentation>`
`</annotation>`
`<sequence>`

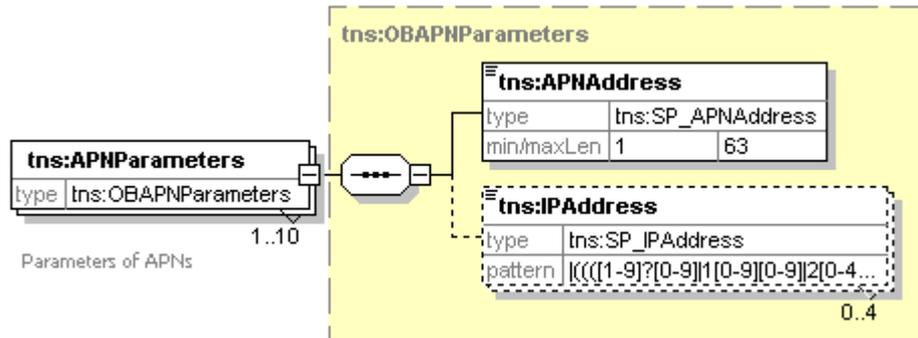
```

<element name="APNParameters" type="tns:OBAPNParameters" maxOccurs="10">
  <annotation>
    <documentation>Parameters of APNs</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

3.33 element OBAPNList/APNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNParameters](#)

properties

isRef	0
minOcc	1
maxOcc	10
content	complex

children [tns:APNAddress](#) [tns:IPAddress](#)

annotation

documentation
Parameters of APNs

source

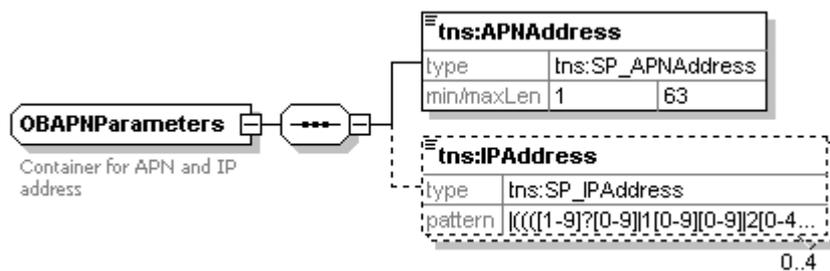
```

<element name="APNParameters" type="tns:OBAPNParameters" maxOccurs="10">
  <annotation>
    <documentation>Parameters of APNs</documentation>
  </annotation>
</element>

```

3.34 complexType OBAPNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNAddress](#) [tns:IPAddress](#)

used by element [OBAPNList/APNParameters](#)

annotation

documentation
Container for APN and IP address

source

```

<complexType name="OBAPNParameters">
  <annotation>
    <documentation>Container for APN and IP address</documentation>
  </annotation>
  <sequence>
    <element name="APNAddress" type="tns:SP_APNAddress"/>
    <element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
  </sequence>
</complexType>

```



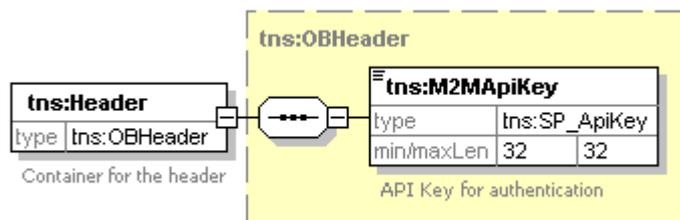
```

    <documentation>Container for the header</documentation>
  </annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
<element name="LockType" type="tns:SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

3.38 element OBarrierModification/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

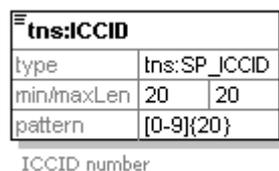
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.39 element OBarrierModification/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>

```

3.40 element OBarrierModification/LockType



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LockType](#)

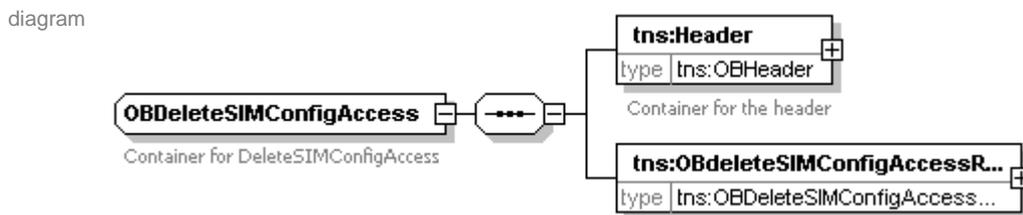
properties isRef 0
content simple

annotation documentation
Kind of lock (for future usage). Currently only 1 (full barrier) is available

source

```
<element name="LockType" type="tns:SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
</element>
```

3.41 complexType OBDeleteSIMConfigAccess



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBdeleteSIMConfigAccessRequest](#)

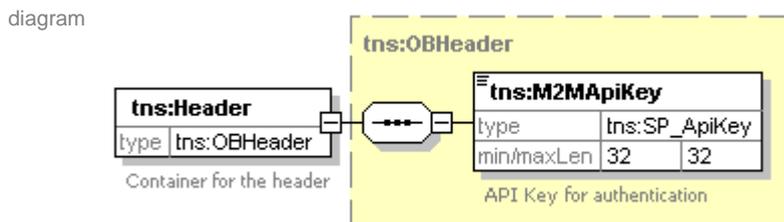
used by element [DeleteSIMConfigAccess](#)

annotation documentation
Container for DeleteSIMConfigAccess

source

```
<complexType name="OBDeleteSIMConfigAccess">
  <annotation>
    <documentation>Container for DeleteSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBdeleteSIMConfigAccessRequest" type="tns:OBDeleteSIMConfigAccessRequest"/>
  </sequence>
</complexType>
```

3.42 element OBDeleteSIMConfigAccess/Header



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

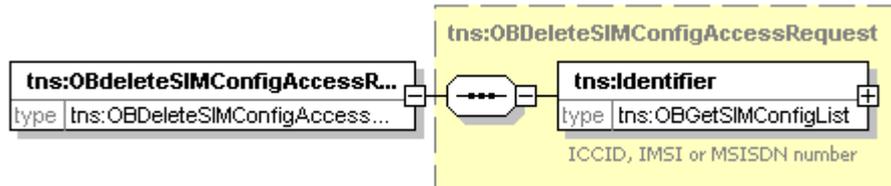
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

3.43 element OBDeleteSIMConfigAccess/OBdeleteSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBDeleteSIMConfigAccessRequest](#)

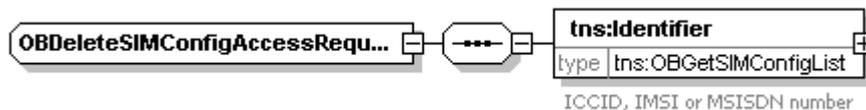
properties isRef 0
content complex

children [tns:Identifier](#)

source `<element name="OBdeleteSIMConfigAccessRequest" type="tns:OBDeleteSIMConfigAccessRequest"/>`

3.44 complexType OBDeleteSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

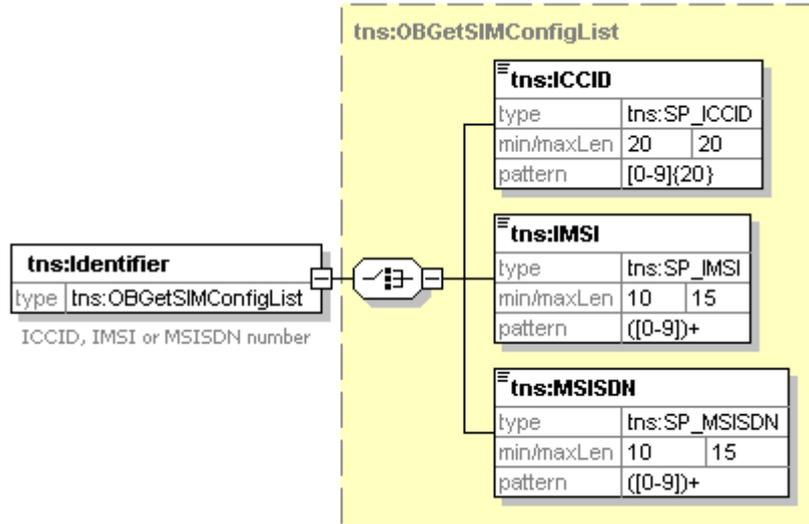
children [tns:Identifier](#)

used by element [OBDeleteSIMConfigAccess/OBdeleteSIMConfigAccessRequest](#)

source `<complexType name="OBDeleteSIMConfigAccessRequest">
<sequence>
<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>
</sequence>
</complexType>`

3.45 element OBDeleteSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

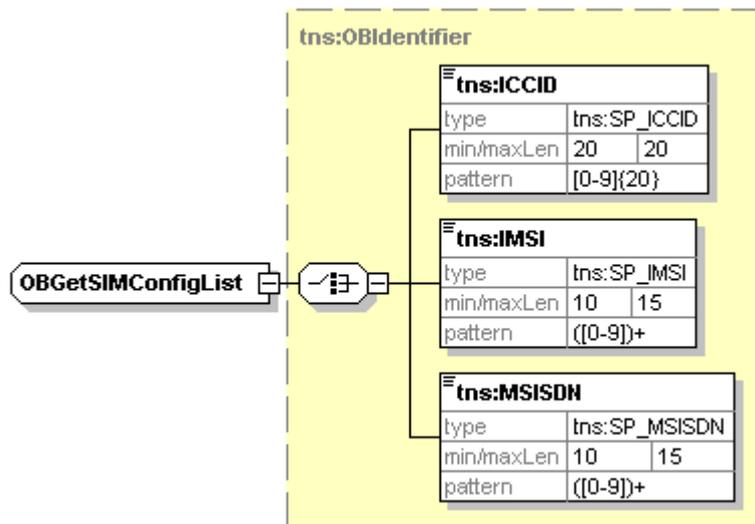
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

source `<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>`

3.46 complexType OBGetSIMConfigList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type extension of [tns:OBIdentifier](#)

properties base tns:OBIdentifier

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

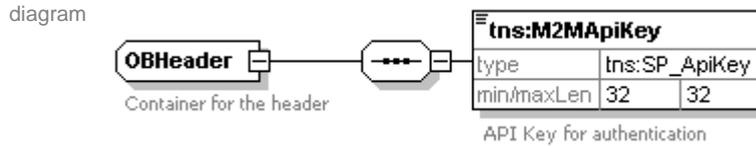
used by elements [OBSetSIMConfigAccessRequest/Identifier](#) [OBAddSIMConfigAccessRequest/Identifier](#)
[OBSubtractSIMConfigAccessRequest/Identifier](#)
[OBDeleteSIMConfigAccessRequest/Identifier](#)

```

source <complexType name="OBGetSIMConfigList">
  <complexContent>
    <extension base="tns:OBIdentifier"/>
  </complexContent>
</complexType>

```

3.47 complexType OBHeader



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:M2MApiKey](#)

used by elements [OBSIMVoiceSettingsSet/Header](#) [OBSIMLimitSet/Header](#) [OBTariffOptionChange/Header](#) [OBSIMCancellation/Header](#) [OBSIMResumption/Header](#) [OBSIMSuspension/Header](#) [OBBarrierModification/Header](#) [OBRestoreLimit/Header](#) [OBOVERRIDELimit/Header](#) [OBDeleteSIMConfigAccess/Header](#) [OBSubtractSIMConfigAccess/Header](#) [OBAddSIMConfigAccess/Header](#) [OBSetSIMConfigAccess/Header](#) [OBNetworkProfileSet/Header](#) [OBTemplateSIMTariffChange/Header](#) [OBSIMTariffChange/Header](#) [OBTemplateSIMActivation/Header](#) [OBSIMActivation/Header](#)

annotation documentation
Container for the header

```

source <complexType name="OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
  <sequence>
    <element name="M2MApiKey" type="tns:SP_ApiKey">
      <annotation>
        <documentation>API Key for authentication</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.48 element OBHeader/M2MApiKey



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ApiKey](#)

properties isRef 0
content simple

facets minLength 32
maxLength 32

annotation documentation
API Key for authentication

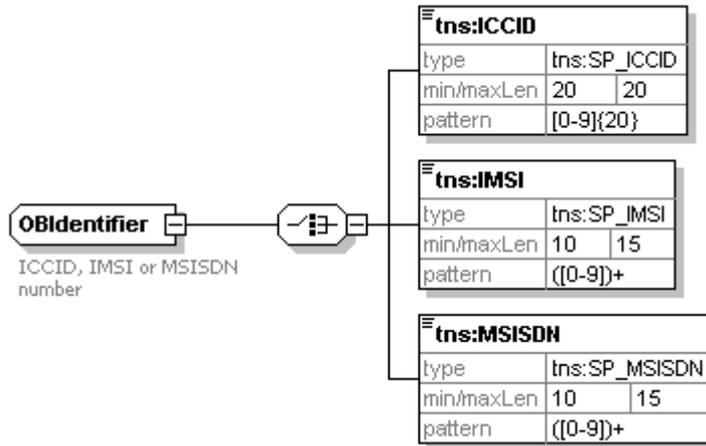
```

source <element name="M2MApiKey" type="tns:SP_ApiKey">
  <annotation>
    <documentation>API Key for authentication</documentation>
  </annotation>
</element>

```

3.49 complexType OBIdentifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

used by element [OBNetworkProfileSet/Identifier](#)
complexType [OBGetSIMConfigList](#)

annotation documentation
ICCID, IMSI or MSISDN number

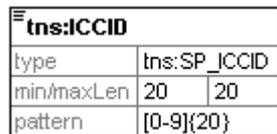
```

source <complexType name="OBIdentifier">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
  <choice>
    <element name="ICCID" type="tns:SP_ICCID"/>
    <element name="IMSI" type="tns:SP_IMSI"/>
    <element name="MSISDN" type="tns:SP_MSISDN"/>
  </choice>
</complexType>

```

3.50 element OBIdentifier/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
minLength 20
facets maxLength 20
pattern [0-9]{20}

```

source <element name="ICCID" type="tns:SP_ICCID"/>

```

3.51 element OBIdentifier/IMSI

diagram



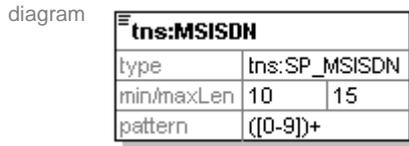
namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_IMSI](#)

properties isRef 0
content simple

facets minLength 10
 maxLength 15
 pattern ([0-9])+
 source <element name="IMSI" type="tns:SP_IMSI"/>

3.52 element OBIdentifier/MSISDN



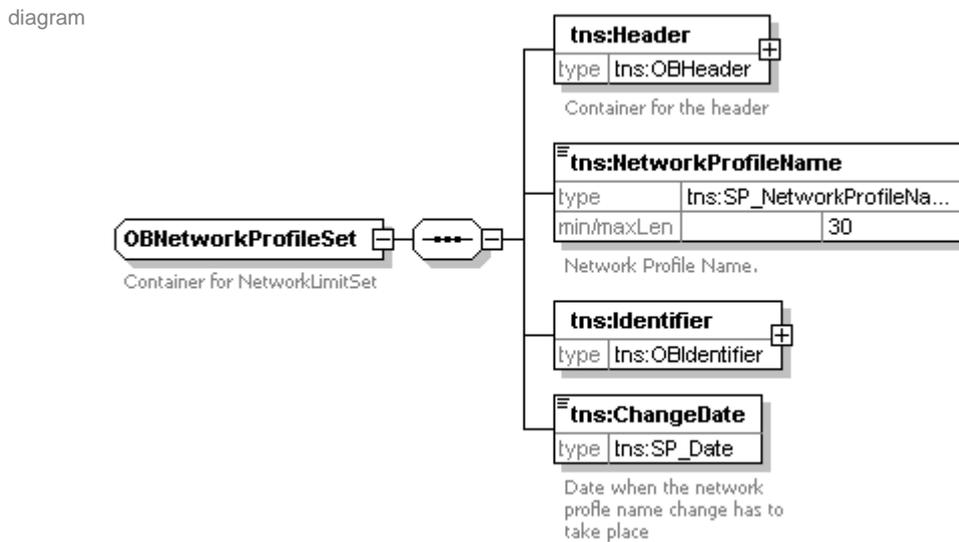
namespace http://m2m-ws.telekom.de/M2MAdm

type [tns:SP_MSISDN](#)

properties isRef 0
 content simple
 facets minLength 10
 maxLength 15
 pattern ([0-9])+

source <element name="MSISDN" type="tns:SP_MSISDN"/>

3.53 complexType OBNetworkProfileSet



namespace http://m2m-ws.telekom.de/M2MAdm

children [tns:Header](#) [tns:NetworkProfileName](#) [tns:Identifier](#) [tns:ChangeDate](#)

used by element [NetworkProfileSet](#)

annotation documentation
 Container for NetworkLimitSet

source <complexType name="OBNetworkProfileSet">
 <annotation>
 <documentation>Container for NetworkLimitSet</documentation>
 </annotation>
 <sequence>
 <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>
 <element name="NetworkProfileName" type="tns:SP_NetworkProfileName">
 <annotation>
 <documentation>Network Profile Name.</documentation>
 </annotation>
 </element>
 <element name="Identifier" type="tns:OBIdentifier"/>
 <element name="ChangeDate" type="tns:SP_Date">
 <annotation>

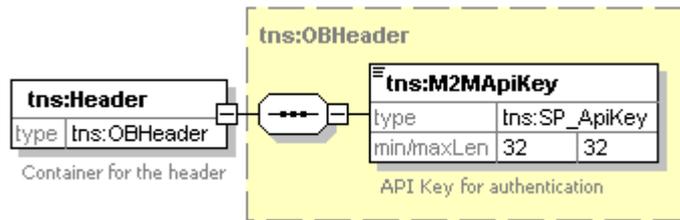
```

      <documentation>Date when the network profile name change has to take place</documentation>
    </annotation>
  </element>
</sequence>
</complexType>

```

3.54 element OBNetworkProfileSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.55 element OBNetworkProfileSet/NetworkProfileName

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_NetworkProfileName](#)

properties isRef 0
content simple
facets maxLength 30

annotation documentation
Network Profile Name.

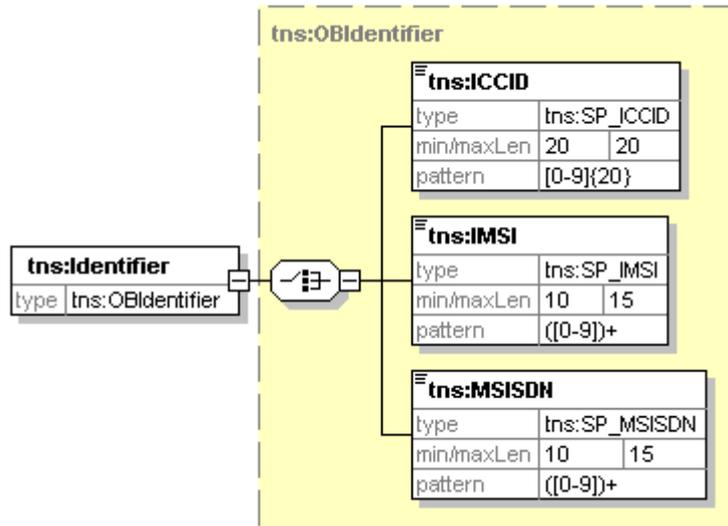
```

source <element name="NetworkProfileName" type="tns:SP_NetworkProfileName">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>

```

3.56 element OBNetworkProfileSet/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBIdentifier](#)

properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

source `<element name="Identifier" type="tns:OBIdentifier"/>`

3.57 element OBNetworkProfileSet/ChangeDate

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

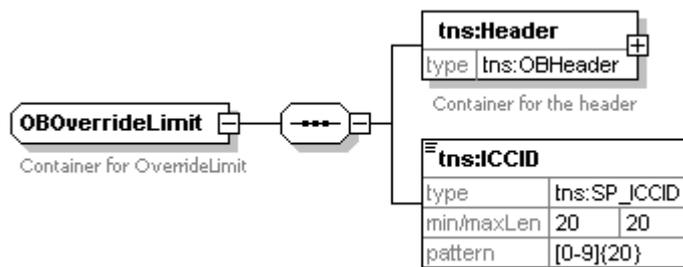
properties isRef 0
content simple

annotation documentation
Date when the network profile name change has to take place

source `<element name="ChangeDate" type="tns:SP_Date">
<annotation>
<documentation>Date when the network profile name change has to take place</documentation>
</annotation>
</element>`

3.58 complexType OBOVERRIDELimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

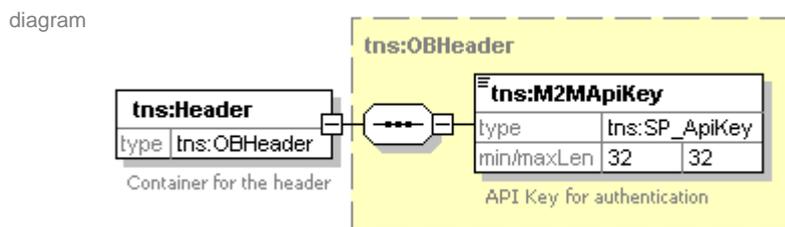
used by element [OverrideLimit](#)

annotation documentation
Container for OverrideLimit

source

```
<complexType name="OOverrideLimit">
  <annotation>
    <documentation>Container for OverrideLimit</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID"/>
  </sequence>
</complexType>
```

3.59 element OOverrideLimit/Header



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

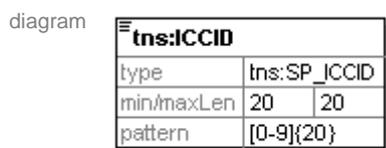
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

3.60 element OOverrideLimit/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

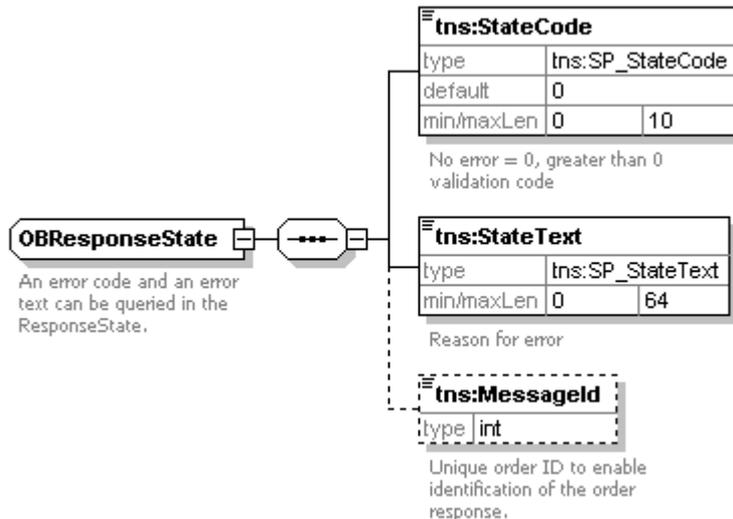
facets minLength 20
maxLength 20
pattern [0-9]{20}

source

```
<element name="ICCID" type="tns:SP_ICCID"/>
```

3.61 complexType OBResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

used by element [MessageResponse](#)

annotation documentation
An error code and an error text can be queried in the ResponseState.

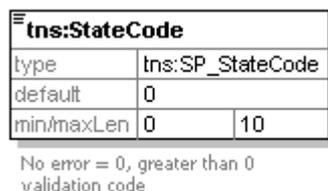
```

source <complexType name="OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState.</documentation>
  </annotation>
  <sequence>
    <element name="StateCode" type="tns:SP_StateCode" default="0">
      <annotation>
        <documentation>No error = 0, greater than 0 validation code</documentation>
      </annotation>
    </element>
    <element name="StateText" type="tns:SP_StateText">
      <annotation>
        <documentation>Reason for error</documentation>
      </annotation>
    </element>
    <element name="MessageId" type="int" minOccurs="0">
      <annotation>
        <documentation>Unique order ID to enable identification of the order response.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.62 element OBResponseState/StateCode

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateCode](#)

properties isRef 0
content simple
default 0

facets minLength 0
maxLength 10

annotation documentation
No error = 0, greater than 0 validation code

```

source <element name="StateCode" type="tns:SP_StateCode" default="0">
  <annotation>
    <documentation>No error = 0, greater than 0 validation code</documentation>
  </annotation>
</element>

```

3.63 element OBResponseState/StateText



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateText](#)

properties isRef 0
content simple
facets minLength 0
maxLength 64
annotation documentation
Reason for error

```

source <element name="StateText" type="tns:SP_StateText">
  <annotation>
    <documentation>Reason for error</documentation>
  </annotation>
</element>

```

3.64 element OBResponseState/Messageld



namespace <http://m2m-ws.telekom.de/M2MAdm>

type **int**

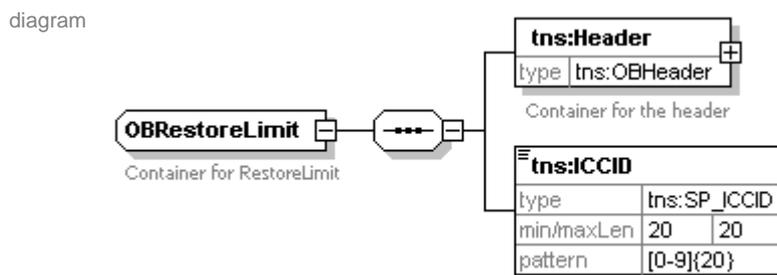
properties isRef 0
minOcc 0
maxOcc 1
content simple
annotation documentation
Unique order ID to enable identification of the order response.

```

source <element name="MessageId" type="int" minOccurs="0">
  <annotation>
    <documentation>Unique order ID to enable identification of the order response.</documentation>
  </annotation>
</element>

```

3.65 complexType OBRestoreLimit



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

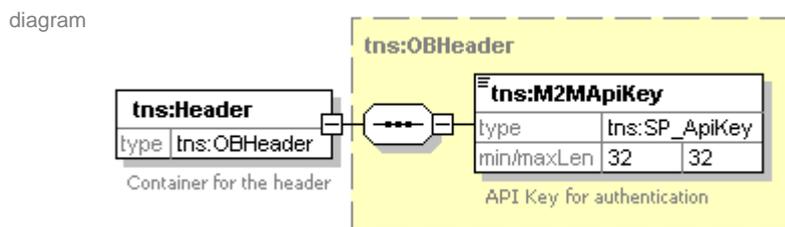
used by element [RestoreLimit](#)

annotation documentation
Container for RestoreLimit

source

```
<complexType name="OBRestoreLimit">
  <annotation>
    <documentation>Container for RestoreLimit</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID"/>
  </sequence>
</complexType>
```

3.66 element OBRestoreLimit/Header



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

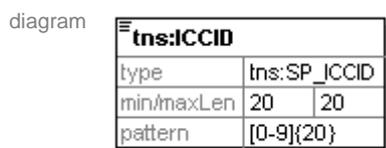
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

3.67 element OBRestoreLimit/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

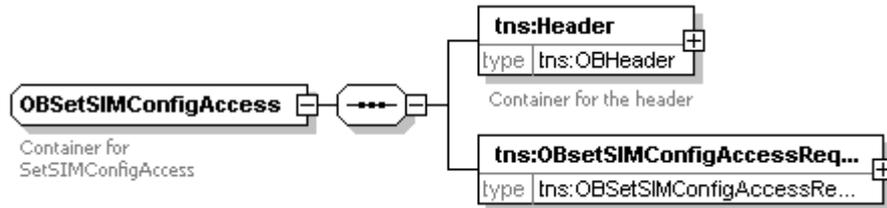
facets minLength 20
maxLength 20
pattern [0-9]{20}

source

```
<element name="ICCID" type="tns:SP_ICCID"/>
```

3.68 complexType OBSetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBsetSIMConfigAccessRequest](#)

used by element [SetSIMConfigAccess](#)

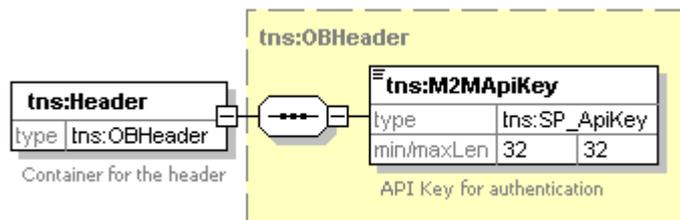
annotation documentation
Container for SetSIMConfigAccess

```

source <complexType name="OBSetSIMConfigAccess">
  <annotation>
    <documentation>Container for SetSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBsetSIMConfigAccessRequest" type="tns:OBSetSIMConfigAccessRequest"/>
  </sequence>
</complexType>
  
```

3.69 element OBSetSIMConfigAccess/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

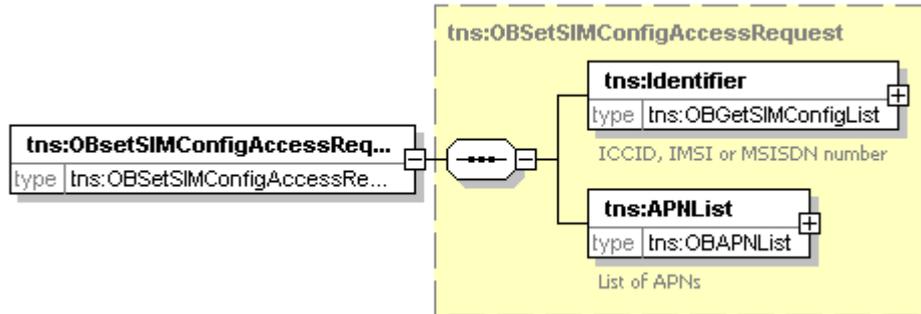
annotation documentation
Container for the header

```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
  
```

3.70 element OBSetSIMConfigAccess/OBsetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSetSIMConfigAccessRequest](#)

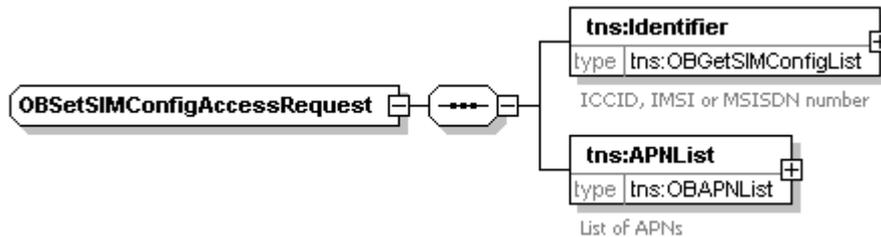
properties isRef 0
content complex

children [tns:Identifier](#) [tns:APNList](#)

source `<element name="OBsetSIMConfigAccessRequest" type="tns:OBSetSIMConfigAccessRequest"/>`

3.71 complexType OBSetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

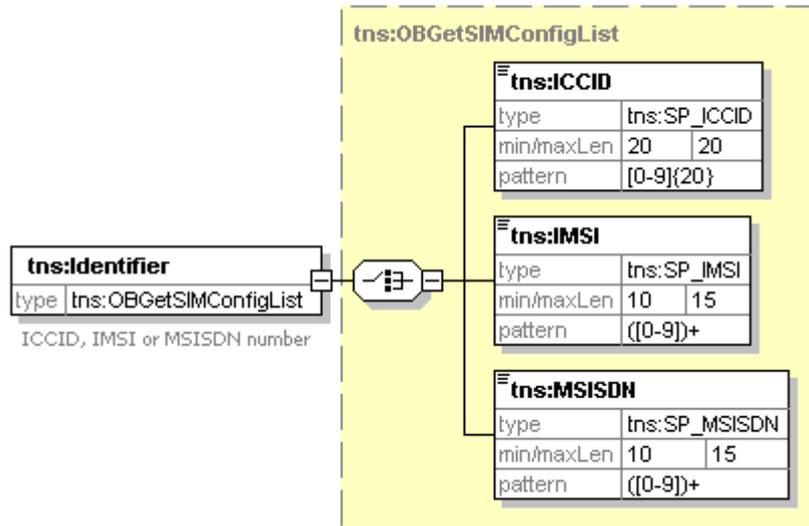
children [tns:Identifier](#) [tns:APNList](#)

used by element [OBSetSIMConfigAccess/OBsetSIMConfigAccessRequest](#)

source `<complexType name="OBSetSIMConfigAccessRequest">
<sequence>
<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>
<element name="APNList" type="tns:OBAPNList">
<annotation>
<documentation>List of APNs</documentation>
</annotation>
</element>
</sequence>
</complexType>`

3.72 element OBSetSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

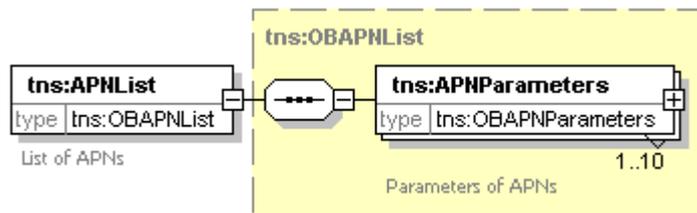
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

source `<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>`

3.73 element OBSetSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNList](#)

properties isRef 0
content complex

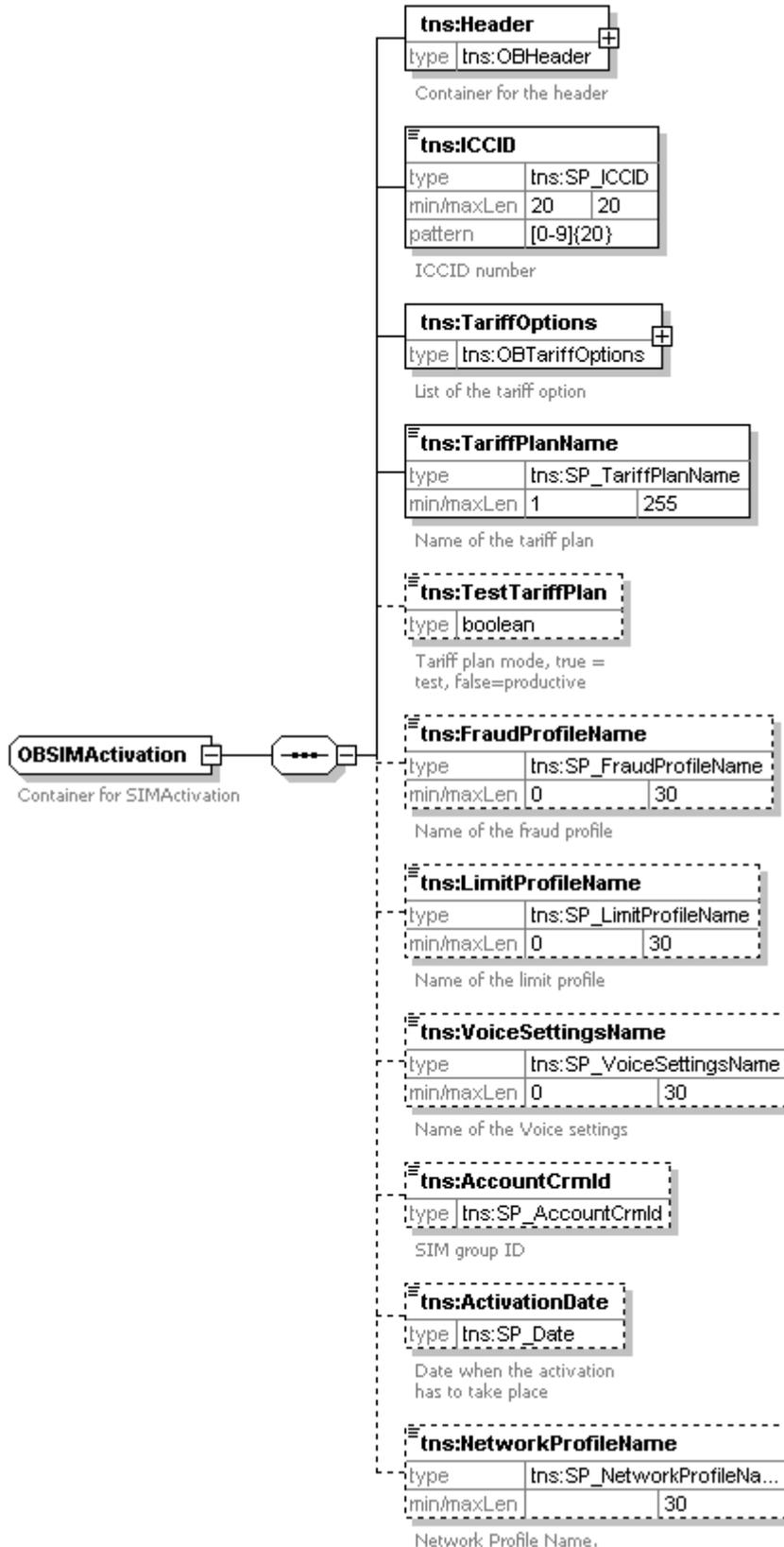
children [tns:APNParameters](#)

annotation documentation
List of APNs

source `<element name="APNList" type="tns:OBAPNList">
<annotation>
<documentation>List of APNs</documentation>
</annotation>
</element>`

3.74 complexType OBSIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffOptions](#) [tns:TariffPlanName](#) [tns:TestTariffPlan](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:VoiceSettingsName](#) [tns:AccountCrmlid](#) [tns:ActivationDate](#) [tns:NetworkProfileName](#)

used by element [SIMActivation](#)

annotation documentation
Container for SIMActivation

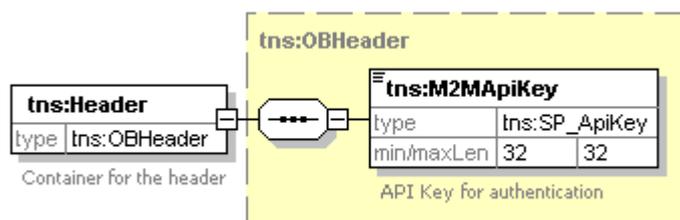
```

source <complexType name="OBSIMActivation">
  <annotation>
    <documentation>Container for SIMActivation</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="TariffOptions" type="tns:OBTariffOptions">
      <annotation>
        <documentation>List of the tariff option</documentation>
      </annotation>
    </element>
    <element name="TariffPlanName" type="tns:SP_TariffPlanName">
      <annotation>
        <documentation>Name of the tariff plan</documentation>
      </annotation>
    </element>
    <element name="TestTariffPlan" type="boolean" minOccurs="0">
      <annotation>
        <documentation>Tariff plan mode, true = test, false=productive</documentation>
      </annotation>
    </element>
    <element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
      <annotation>
        <documentation>Name of the fraud profile</documentation>
      </annotation>
    </element>
    <element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
      <annotation>
        <documentation>Name of the limit profile</documentation>
      </annotation>
    </element>
    <element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName" minOccurs="0">
      <annotation>
        <documentation>Name of the Voice settings</documentation>
      </annotation>
    </element>
    <element name="AccountCrmlid" type="tns:SP_AccountCrmlid" minOccurs="0">
      <annotation>
        <documentation>SIM group ID</documentation>
      </annotation>
    </element>
    <element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date when the activation has to take place</documentation>
      </annotation>
    </element>
    <element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
      <annotation>
        <documentation>Network Profile Name.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.75 element OBSIMActivation/Header

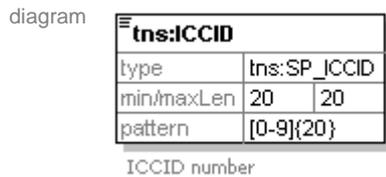
diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)
 properties isRef 0
 content complex
 children [tns:M2MApiKey](#)
 annotation documentation
 Container for the header
 source <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>

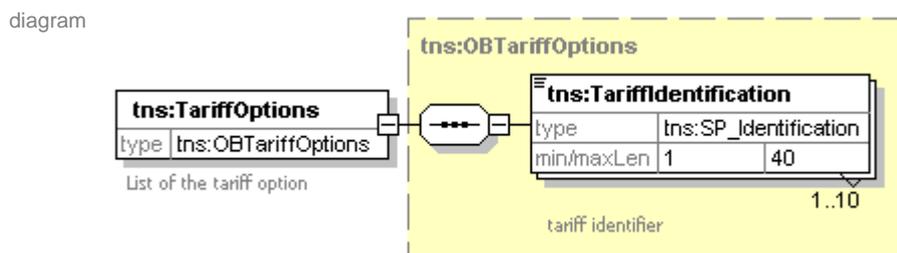
3.76 element OBSIMActivation/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)
 properties isRef 0
 content simple
 facets minLength 20
 maxLength 20
 pattern [0-9]{20}
 annotation documentation
 ICCID number
 source <element name="ICCID" type="tns:SP_ICCID">
 <annotation>
 <documentation>ICCID number</documentation>
 </annotation>
 </element>

3.77 element OBSIMActivation/TariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions](#)
 properties isRef 0
 content complex
 children [tns:TariffIdentification](#)
 annotation documentation
 List of the tariff option
 source <element name="TariffOptions" type="tns:OBTariffOptions">
 <annotation>
 <documentation>List of the tariff option</documentation>
 </annotation>
 </element>

3.78 element OBSIMActivation/TariffPlanName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TariffPlanName](#)

properties
 isRef 0
 content simple
 facets
 minLength 1
 maxLength 255

annotation
 documentation
 Name of the tariff plan

source `<element name="TariffPlanName" type="tns:SP_TariffPlanName">
 <annotation>
 <documentation>Name of the tariff plan</documentation>
 </annotation>
 </element>`

3.79 element OBSIMActivation/TestTariffPlan



namespace <http://m2m-ws.telekom.de/M2MAdm>

type **boolean**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation
 documentation
 Tariff plan mode, true = test, false=productive

source `<element name="TestTariffPlan" type="boolean" minOccurs="0">
 <annotation>
 <documentation>Tariff plan mode, true = test, false=productive</documentation>
 </annotation>
 </element>`

3.80 element OBSIMActivation/FraudProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

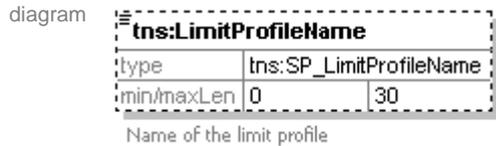
type [tns:SP_FraudProfileName](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 facets
 minLength 0
 maxLength 30

annotation
 documentation
 Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
 <annotation>
 <documentation>Name of the fraud profile</documentation>
 </annotation>
 </element>`

3.81 element OBSIMActivation/LimitProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LimitProfileName](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

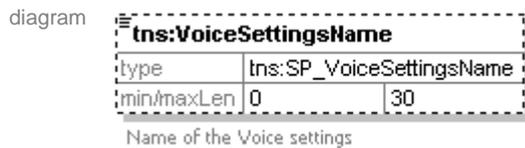
- minLength 0
- maxLength 30

annotation

documentation
Name of the limit profile

source `<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
<annotation>
<documentation>Name of the limit profile</documentation>
</annotation>
</element>`

3.82 element OBSIMActivation/VoiceSettingsName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_VoiceSettingsName](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 0
- maxLength 30

annotation

documentation
Name of the Voice settings

source `<element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName" minOccurs="0">
<annotation>
<documentation>Name of the Voice settings</documentation>
</annotation>
</element>`

3.83 element OBSIMActivation/AccountCrmlId



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_AccountCrmlId](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

documentation
SIM group ID

source `<element name="AccountCrmlId" type="tns:SP_AccountCrmlId" minOccurs="0">
<annotation>
<documentation>SIM group ID</documentation>
</annotation>`

</element>

3.84 element OBSIMActivation/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

documentation
Date when the activation has to take place

source

```
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
```

3.85 element OBSIMActivation/NetworkProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_NetworkProfileName](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- maxLength 30

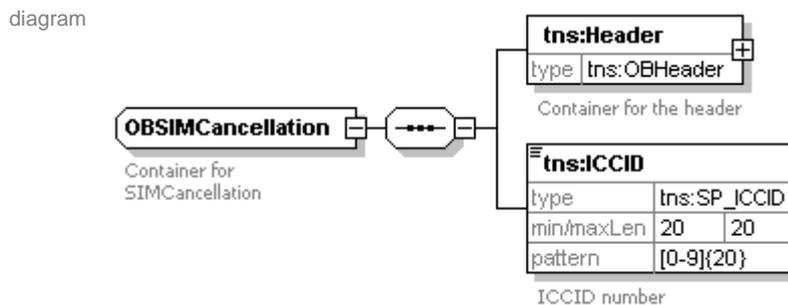
annotation

documentation
Network Profile Name.

source

```
<element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>
```

3.86 complexType OBSIMCancellation



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

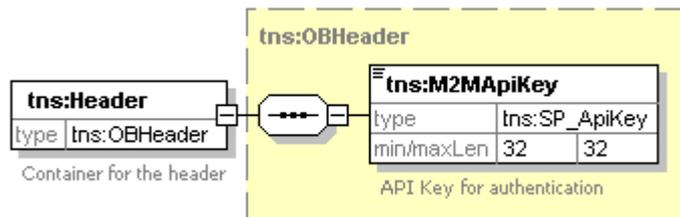
used by element [SIMCancellation](#)

annotation documentation
Container for SIMCancellation

source `<complexType name="OBSIMCancellation">`
`<annotation>`
`<documentation>Container for SIMCancellation</documentation>`
`</annotation>`
`<sequence>`
`<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`
`<element name="ICCID" type="tns:SP_ICCID">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

3.87 element OBSIMCancellation/Header

diagram



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:OBHeader](#)

properties isRef 0
content complex

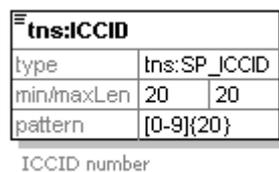
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

3.88 element OBSIMCancellation/ICCID

diagram



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_ICCID](#)

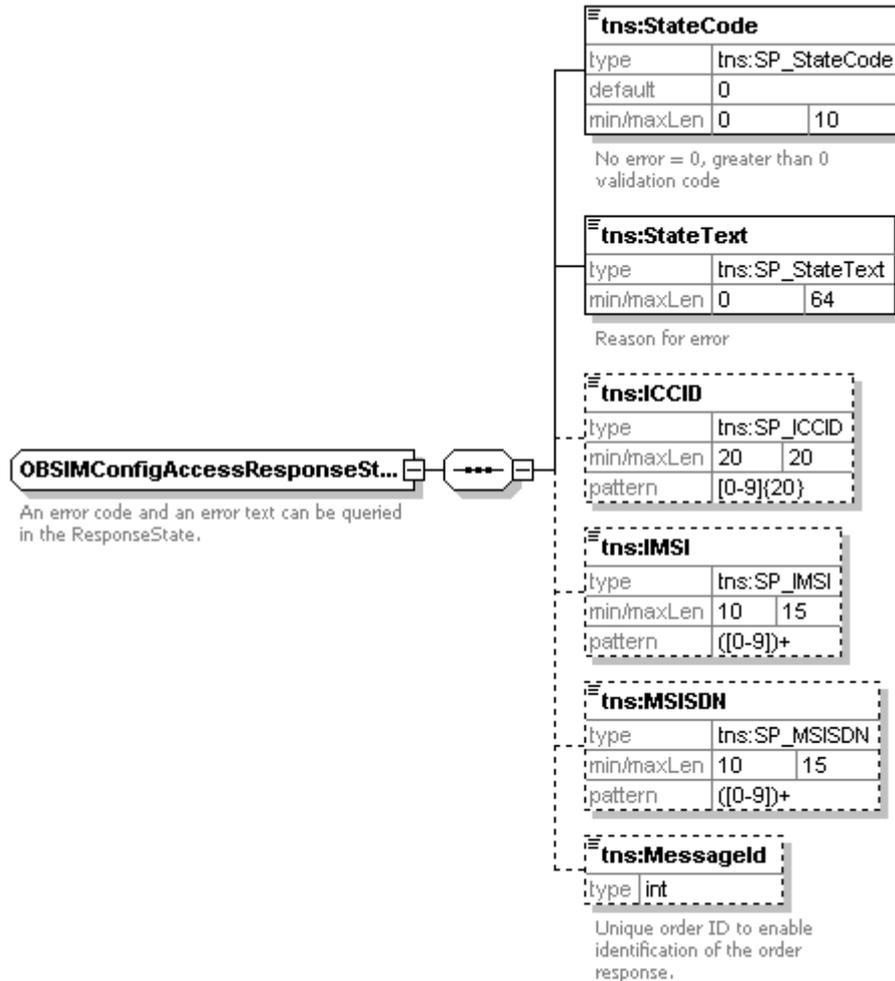
properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`

3.89 complexType OBSIMConfigAccessResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:StateCode](#) [tns:StateText](#) [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:MessageId](#)

used by element [SIMConfigAccessMessageResponse](#)

annotation documentation
An error code and an error text can be queried in the ResponseState.

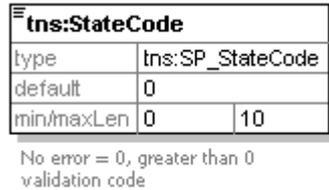
```

source <complexType name="OBSIMConfigAccessResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState.</documentation>
  </annotation>
  <sequence>
    <element name="StateCode" type="tns:SP_StateCode" default="0">
      <annotation>
        <documentation>No error = 0, greater than 0 validation code</documentation>
      </annotation>
    </element>
    <element name="StateText" type="tns:SP_StateText">
      <annotation>
        <documentation>Reason for error</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>
    <element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>
    <element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>
    <element name="MessageId" type="int" minOccurs="0">
      <annotation>
        <documentation>Unique order ID to enable identification of the order response.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.90 element OBSIMConfigAccessResponseState/StateCode

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateCode](#)

properties isRef 0
content simple
default 0

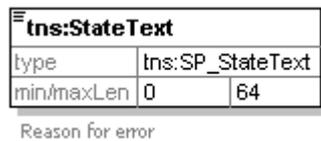
facets minLength 0
maxLength 10

annotation documentation
No error = 0, greater than 0 validation code

source `<element name="StateCode" type="tns:SP_StateCode" default="0">
<annotation>
<documentation>No error = 0, greater than 0 validation code</documentation>
</annotation>
</element>`

3.91 element OBSIMConfigAccessResponseState/StateText

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateText](#)

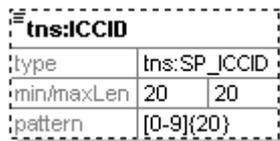
properties isRef 0
content simple
minLength 0
maxLength 64

annotation documentation
Reason for error

source `<element name="StateText" type="tns:SP_StateText">
<annotation>
<documentation>Reason for error</documentation>
</annotation>
</element>`

3.92 element OBSIMConfigAccessResponseState/ICCID

diagram



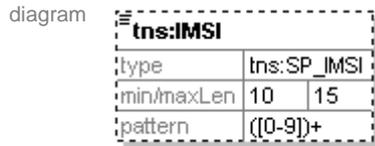
namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple
minLength 20
maxLength 20
pattern [0-9]{20}

source `<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>`

3.93 element OBSIMConfigAccessResponseState/IMSI



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_IMSI](#)

properties

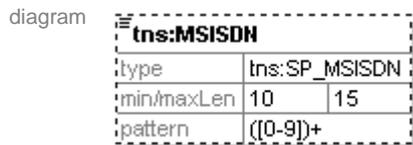
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 10
- maxLength 15
- pattern ([0-9])+

source `<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>`

3.94 element OBSIMConfigAccessResponseState/MSISDN



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_MSISDN](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 10
- maxLength 15
- pattern ([0-9])+

source `<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>`

3.95 element OBSIMConfigAccessResponseState/MessageId



namespace <http://m2m-ws.telekom.de/M2MAdm>

type **int**

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

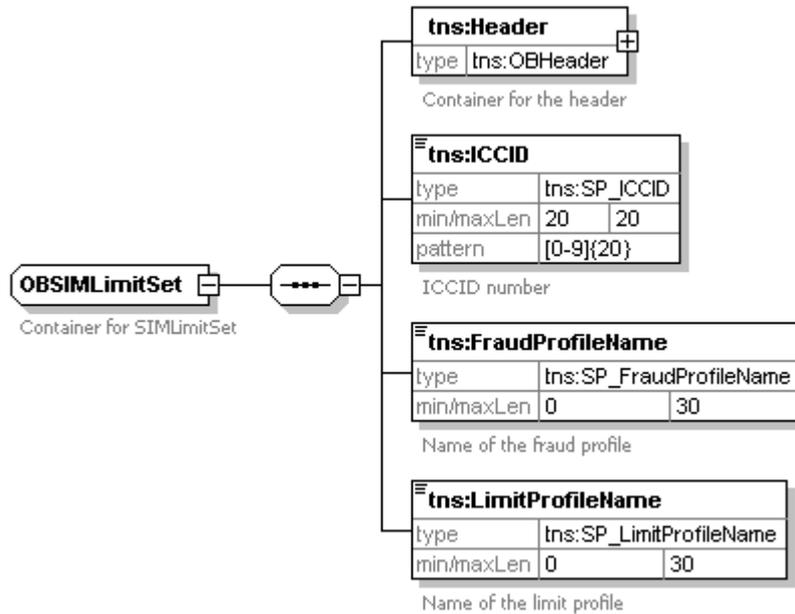
- documentation

Unique order ID to enable identification of the order response.

source `<element name="MessageId" type="int" minOccurs="0">
<annotation>
<documentation>Unique order ID to enable identification of the order response.</documentation>
</annotation>
</element>`

3.96 complexType OBSIMLimitSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#)

used by element [SIMLimitSet](#)

annotation documentation
Container for SIMLimitSet

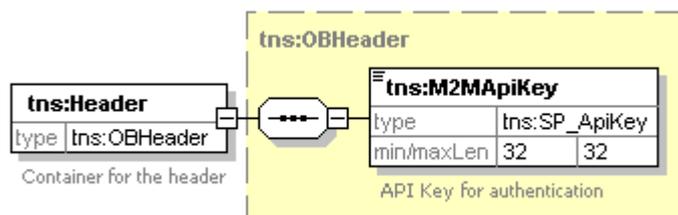
```

source <complexType name="OBSIMLimitSet">
  <annotation>
    <documentation>Container for SIMLimitSet</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="FraudProfileName" type="tns:SP_FraudProfileName">
      <annotation>
        <documentation>Name of the fraud profile</documentation>
      </annotation>
    </element>
    <element name="LimitProfileName" type="tns:SP_LimitProfileName">
      <annotation>
        <documentation>Name of the limit profile</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.97 element OBSIMLimitSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

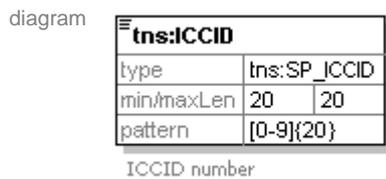
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

3.98 element OBSIMLimitSet/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

3.99 element OBSIMLimitSet/FraudProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_FraudProfileName](#)

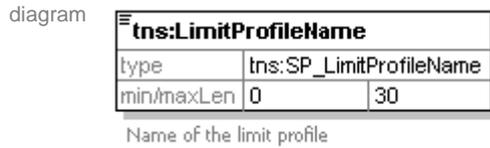
properties isRef 0
content simple

facets minLength 0
maxLength 30

annotation documentation
Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName">
<annotation>
<documentation>Name of the fraud profile</documentation>
</annotation>
</element>`

3.100 element OBSIMLimitSet/LimitProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

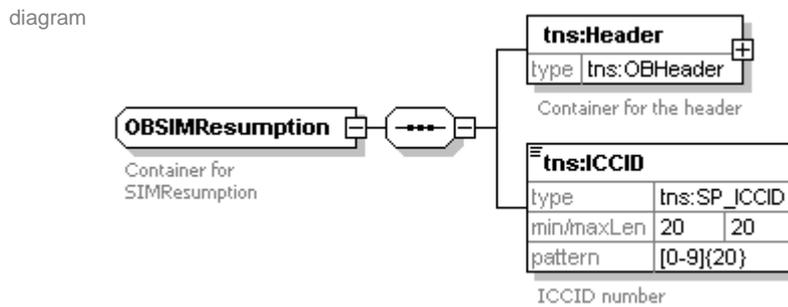
type [tns:SP_LimitProfileName](#)

properties isRef 0
content simple
facets minLength 0
maxLength 30

annotation documentation
Name of the limit profile

source `<element name="LimitProfileName" type="tns:SP_LimitProfileName">
<annotation>
<documentation>Name of the limit profile</documentation>
</annotation>
</element>`

3.101 complexType OBSIMResumption



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

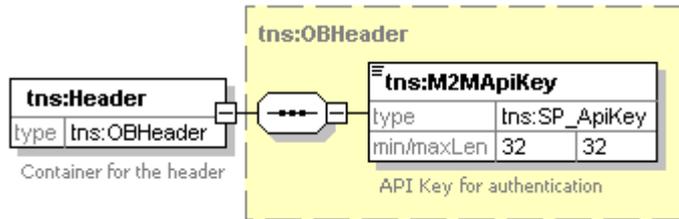
used by element [SIMResumption](#)

annotation documentation
Container for SIMResumption

source `<complexType name="OBSIMResumption">
<annotation>
<documentation>Container for SIMResumption</documentation>
</annotation>
<sequence>
<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>
</sequence>
</complexType>`

3.102 element OBSIMResumption/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

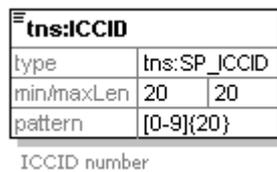
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

```
source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

3.103 element OBSIMResumption/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

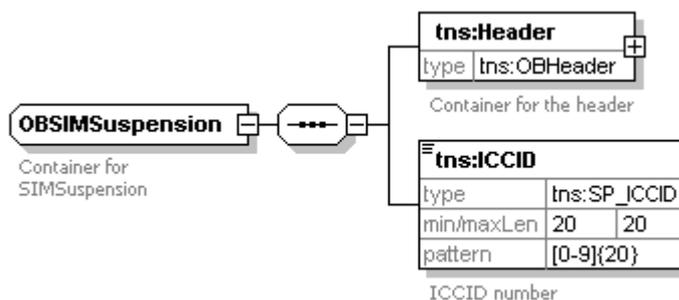
properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

```
source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

3.104 complexType OBSIMSuspension

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

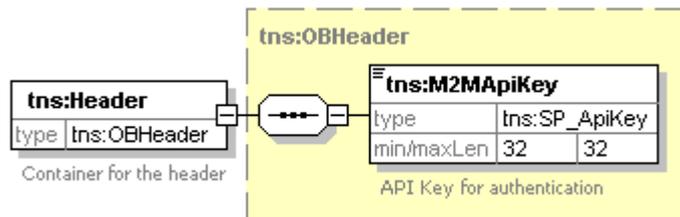
used by element [SIMSuspension](#)

annotation documentation
Container for SIMSuspension

source `<complexType name="OBSIMSuspension">`
`<annotation>`
`<documentation>Container for SIMSuspension</documentation>`
`</annotation>`
`<sequence>`
`<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`
`<element name="ICCID" type="tns:SP_ICCID">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

3.105 element OBSIMSuspension/Header

diagram



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:OBHeader](#)

properties isRef 0
content complex

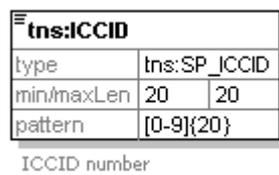
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

3.106 element OBSIMSuspension/ICCID

diagram



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_ICCID](#)

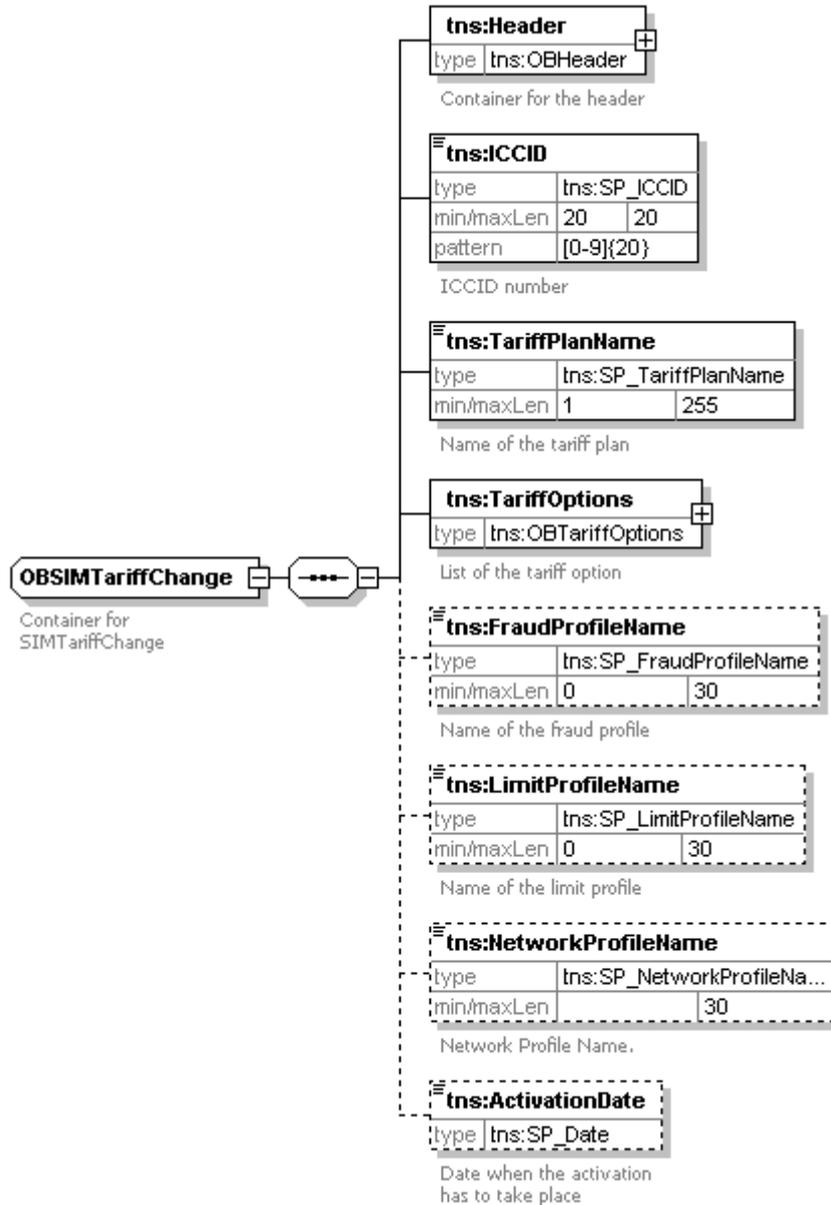
properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern `[0-9]{20}`

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`

3.107 complexType OBSIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffPlanName](#) [tns:TariffOptions](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:NetworkProfileName](#) [tns:ActivationDate](#)

used by element [SIMTariffChange](#)

annotation documentation
Container for SIMTariffChange

```

source <complexType name="OBSIMTariffChange">
  <annotation>
    <documentation>Container for SIMTariffChange</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="TariffPlanName" type="tns:SP_TariffPlanName">
      <annotation>

```

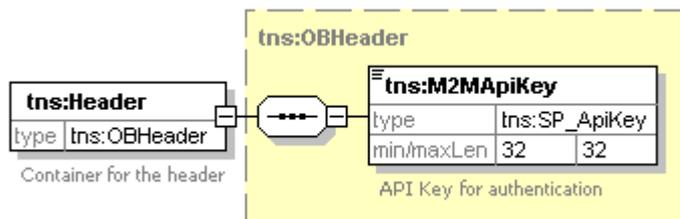
```

    <documentation>Name of the tariff plan</documentation>
  </annotation>
</element>
<element name="TariffOptions" type="tns:OBTariffOptions">
  <annotation>
    <documentation>List of the tariff option</documentation>
  </annotation>
</element>
<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
  <annotation>
    <documentation>Name of the fraud profile</documentation>
  </annotation>
</element>
<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
  <annotation>
    <documentation>Name of the limit profile</documentation>
  </annotation>
</element>
<element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

3.108 element OBSIMTariffChange/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties
isRef 0
content complex

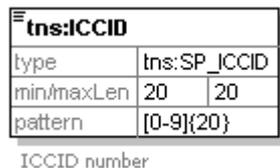
children [tns:M2MApiKey](#)

annotation
documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

3.109 element OBSIMTariffChange/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties
isRef 0
content simple

facets
minLength 20
maxLength 20

annotation pattern [0-9]{20}
 documentation
 ICCID number
 source `<element name="ICCID" type="tns:SP_ICCID">`
 `<annotation>`
 `<documentation>ICCID number</documentation>`
 `</annotation>`
`</element>`

3.110 element OBSIMTariffChange/TariffPlanName



namespace <http://m2m-ws.telekom.de/M2MAdm>

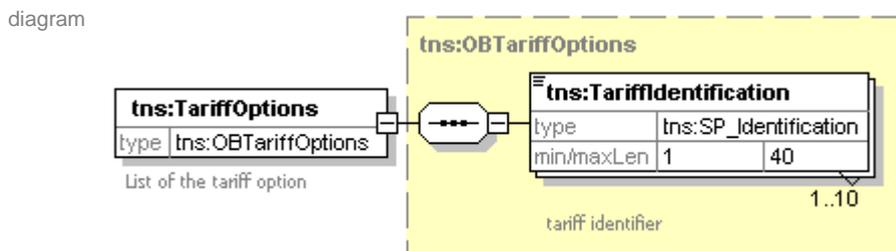
type [tns:SP_TariffPlanName](#)

properties isRef 0
 content simple
 facets minLength 1
 maxLength 255

annotation documentation
 Name of the tariff plan

source `<element name="TariffPlanName" type="tns:SP_TariffPlanName">`
 `<annotation>`
 `<documentation>Name of the tariff plan</documentation>`
 `</annotation>`
`</element>`

3.111 element OBSIMTariffChange/TariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions](#)

properties isRef 0
 content complex

children [tns:TariffIdentification](#)

annotation documentation
 List of the tariff option

source `<element name="TariffOptions" type="tns:OBTariffOptions">`
 `<annotation>`
 `<documentation>List of the tariff option</documentation>`
 `</annotation>`
`</element>`

3.112 element OBSIMTariffChange/FraudProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_FraudProfileName](#)

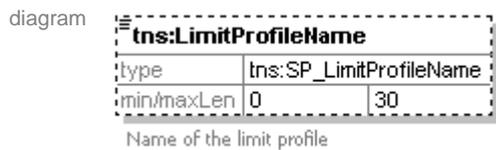
properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 0
maxLength 30

annotation documentation
Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
<annotation>
<documentation>Name of the fraud profile</documentation>
</annotation>
</element>`

3.113 element OBSIMTariffChange/LimitProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LimitProfileName](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 0
maxLength 30

annotation documentation
Name of the limit profile

source `<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
<annotation>
<documentation>Name of the limit profile</documentation>
</annotation>
</element>`

3.114 element OBSIMTariffChange/NetworkProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_NetworkProfileName](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets maxLength 30

annotation documentation
Network Profile Name.

source `<element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
<annotation>
<documentation>Network Profile Name.</documentation>
</annotation>
</element>`

3.115 element OBSIMTariffChange/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

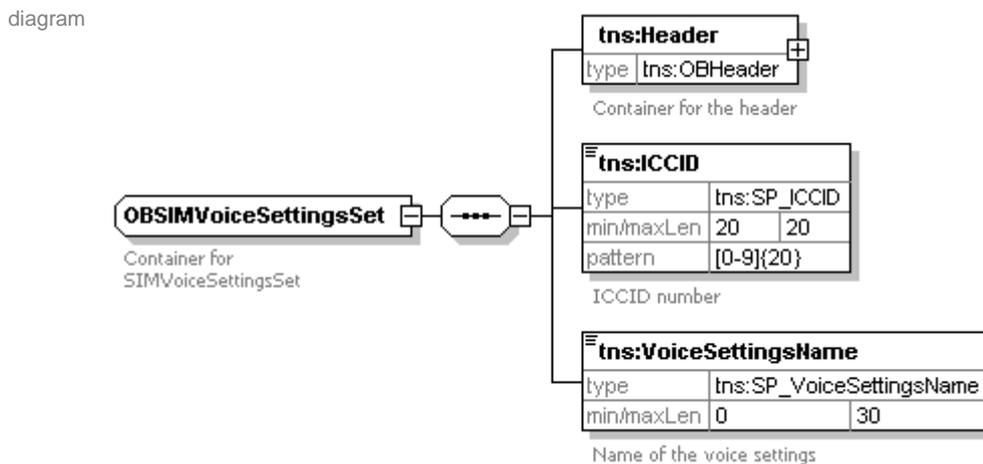
properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation
 documentation
 Date when the activation has to take place

source

```
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
```

3.116 complexType OBSIMVoiceSettingsSet



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:VoiceSettingsName](#)

used by element [SIMVoiceSettingsSet](#)

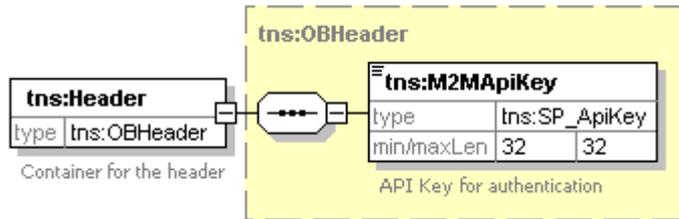
annotation
 documentation
 Container for SIMVoiceSettingsSet

source

```
<complexType name="OBSIMVoiceSettingsSet">
  <annotation>
    <documentation>Container for SIMVoiceSettingsSet</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName">
      <annotation>
        <documentation>Name of the voice settings</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

3.117 element OBSIMVoiceSettingsSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

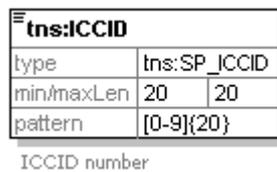
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.118 element OBSIMVoiceSettingsSet/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>

```

3.119 element OBSIMVoiceSettingsSet/VoiceSettingsName

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_VoiceSettingsName](#)

properties isRef 0
content simple
minLength 0
maxLength 30

annotation documentation
Name of the voice settings

```

source <element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName">
  <annotation>

```

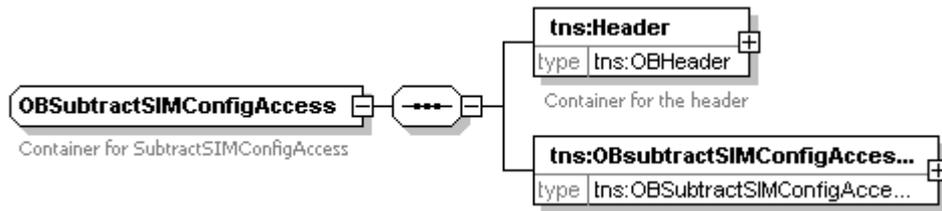
```

<documentation>Name of the voice settings</documentation>
</annotation>
</element>

```

3.120 complexType OSubtractSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OsubtractSIMConfigAccessRequest](#)

used by element [SubtractSIMConfigAccess](#)

annotation documentation
Container for SubtractSIMConfigAccess

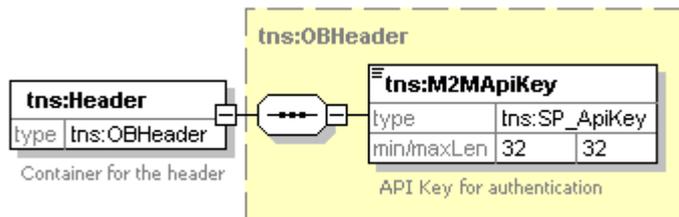
```

source <complexType name="OSubtractSIMConfigAccess">
  <annotation>
    <documentation>Container for SubtractSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OsubtractSIMConfigAccessRequest" type="tns:OsubtractSIMConfigAccessRequest"/>
  </sequence>
</complexType>

```

3.121 element OSubtractSIMConfigAccess/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

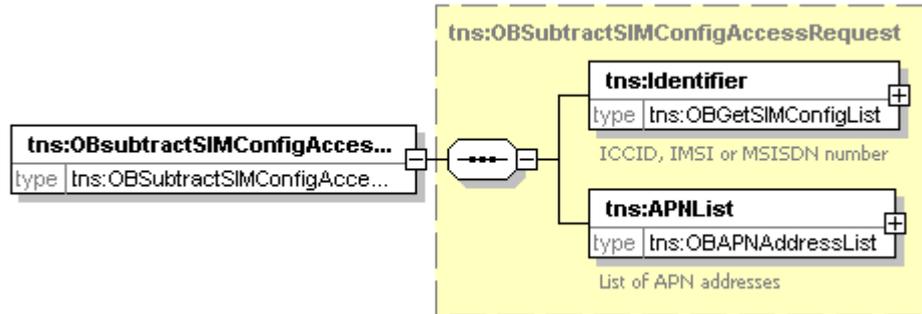
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.122 element OSubtractSIMConfigAccess/OSubtractSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OSubtractSIMConfigAccessRequest](#)

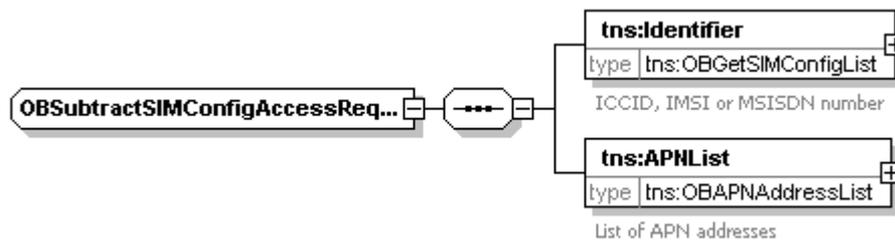
properties
isRef 0
content complex

children [tns:Identifier](#) [tns:APNList](#)

source `<element name="OSubtractSIMConfigAccessRequest" type="tns:OSubtractSIMConfigAccessRequest"/>`

3.123 complexType OSubtractSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

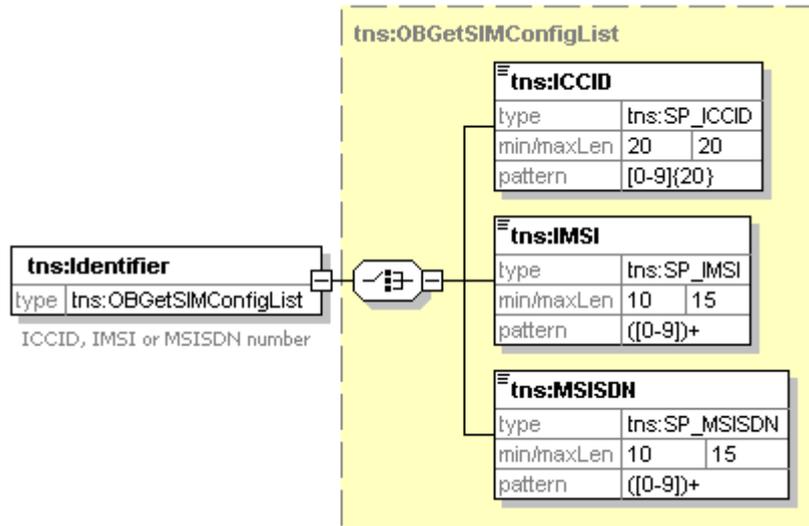
children [tns:Identifier](#) [tns:APNList](#)

used by element [OSubtractSIMConfigAccess/OSubtractSIMConfigAccessRequest](#)

source `<complexType name="OSubtractSIMConfigAccessRequest">
<sequence>
<element name="Identifier" type="tns:OGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>
<element name="APNList" type="tns:OBAPNAddressList">
<annotation>
<documentation>List of APN addresses</documentation>
</annotation>
</element>
</sequence>
</complexType>`

3.124 element OSubtractSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

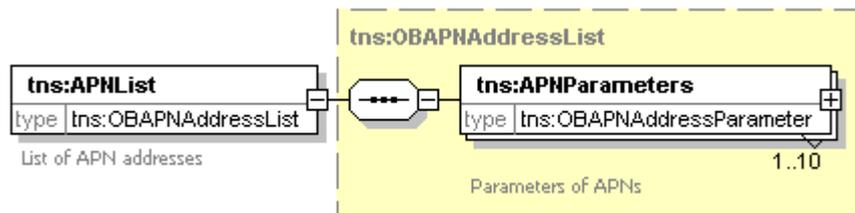
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

source `<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>`

3.125 element OSubtractSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNAddressList](#)

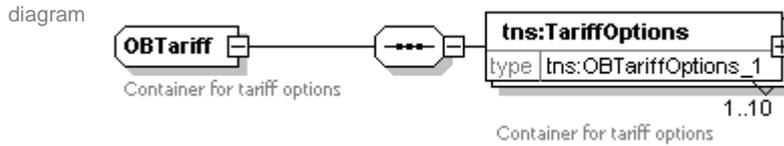
properties isRef 0
content complex

children [tns:APNParameters](#)

annotation documentation
List of APN addresses

source `<element name="APNList" type="tns:OBAPNAddressList">
<annotation>
<documentation>List of APN addresses</documentation>
</annotation>
</element>`

3.126 complexType OBTariff



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:TariffOptions](#)

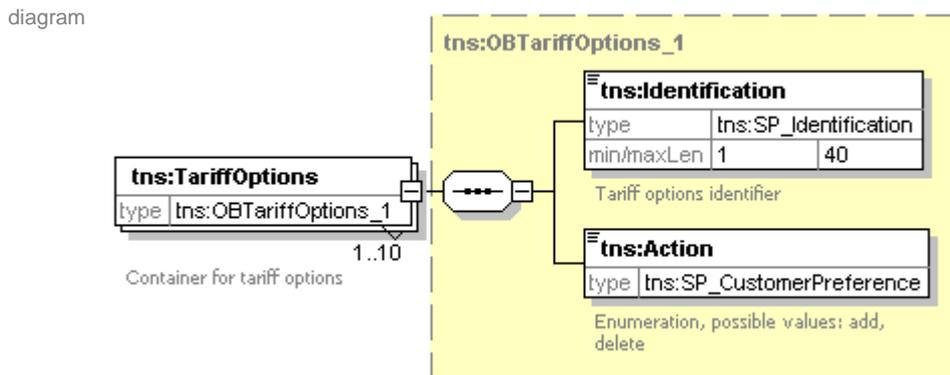
used by element [OBTariffOptionChange/Tariff](#)

annotation documentation
Container for tariff options

source

```
<complexType name="OBTariff">
  <annotation>
    <documentation>Container for tariff options</documentation>
  </annotation>
  <sequence>
    <element name="TariffOptions" type="tns:OBTariffOptions_1" maxOccurs="10">
      <annotation>
        <documentation>Container for tariff options</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

3.127 element OBTariff/TariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions_1](#)

properties
isRef 0
minOcc 1
maxOcc 10
content complex

children [tns:Identification](#) [tns:Action](#)

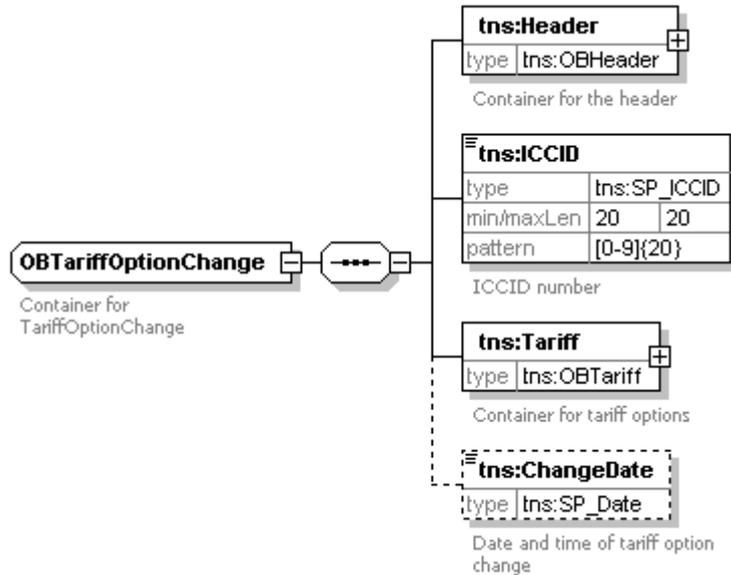
annotation documentation
Container for tariff options

source

```
<element name="TariffOptions" type="tns:OBTariffOptions_1" maxOccurs="10">
  <annotation>
    <documentation>Container for tariff options</documentation>
  </annotation>
</element>
```

3.128 complexType OBTariffOptionChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:Tariff](#) [tns:ChangeDate](#)

used by element [TariffOptionChange](#)

documentation
Container for TariffOptionChange

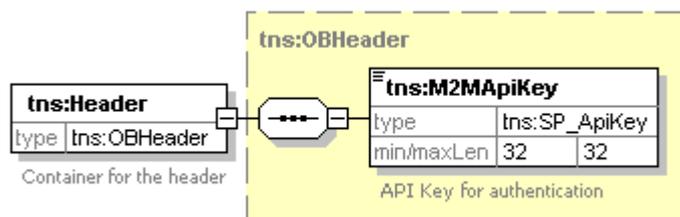
```

source <complexType name="OBTariffOptionChange">
  <annotation>
    <documentation>Container for TariffOptionChange</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="Tariff" type="tns:OBTariff">
      <annotation>
        <documentation>Container for tariff options</documentation>
      </annotation>
    </element>
    <element name="ChangeDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date and time of tariff option change</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.129 element OBTariffOptionChange/Header

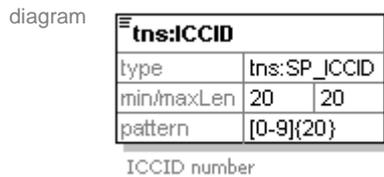
diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)
 properties isRef 0
 content complex
 children [tns:M2MApiKey](#)
 annotation documentation
 Container for the header
 source <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>

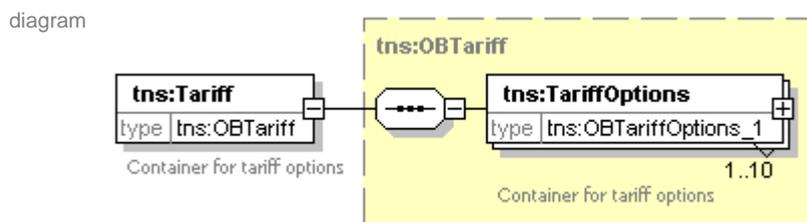
3.130 element OBTariffOptionChange/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)
 properties isRef 0
 content simple
 facets minLength 20
 maxLength 20
 pattern [0-9]{20}
 annotation documentation
 ICCID number
 source <element name="ICCID" type="tns:SP_ICCID">
 <annotation>
 <documentation>ICCID number</documentation>
 </annotation>
 </element>

3.131 element OBTariffOptionChange/Tariff



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariff](#)
 properties isRef 0
 content complex
 children [tns:TariffOptions](#)
 annotation documentation
 Container for tariff options
 source <element name="Tariff" type="tns:OBTariff">
 <annotation>
 <documentation>Container for tariff options</documentation>
 </annotation>
 </element>

3.132 element OBTariffOptionChange/ChangeDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

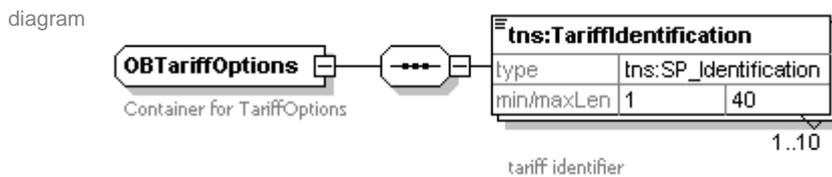
properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation
 documentation
 Date and time of tariff option change

source

```
<element name="ChangeDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date and time of tariff option change</documentation>
  </annotation>
</element>
```

3.133 complexType OBTariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:TariffIdentification](#)

used by elements [OBSIMActivation/TariffOptions](#) [OBSIMTariffChange/TariffOptions](#)

annotation
 documentation
 Container for TariffOptions

source

```
<complexType name="OBTariffOptions">
  <annotation>
    <documentation>Container for TariffOptions</documentation>
  </annotation>
  <sequence>
    <element name="TariffIdentification" type="tns:SP_Identification" maxOccurs="10">
      <annotation>
        <documentation>tariff identifier</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

3.134 element OBTariffOptions/TariffIdentification



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Identification](#)

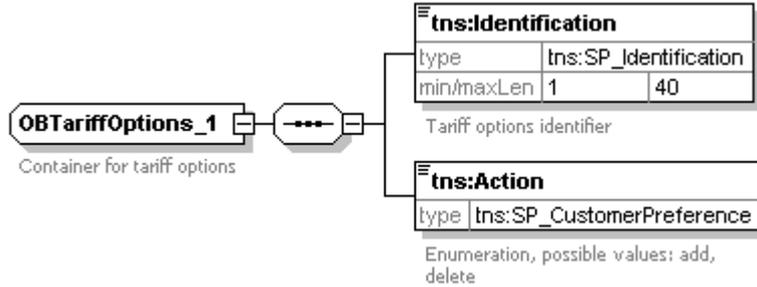
properties
 isRef 0
 minOcc 1
 maxOcc 10
 content simple

facets
 minLength 1
 maxLength 40

annotation documentation
 tariff identifier
 source `<element name="TariffIdentification" type="tns:SP_Identification" maxOccurs="10">`
`<annotation>`
`<documentation> tariff identifier</documentation>`
`</annotation>`
`</element>`

3.135 complexType OBTariffOptions_1

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>
 children [tns:Identification](#) [tns:Action](#)
 used by element [OBTariff/TariffOptions](#)
 annotation documentation
 Container for tariff options
 source `<complexType name="OBTariffOptions_1">`
`<annotation>`
`<documentation>Container for tariff options</documentation>`
`</annotation>`
`<sequence>`
`<element name="Identification" type="tns:SP_Identification">`
`<annotation>`
`<documentation>Tariff options identifier</documentation>`
`</annotation>`
`</element>`
`<element name="Action" type="tns:SP_CustomerPreference">`
`<annotation>`
`<documentation>Enumeration, possible values: add, delete</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

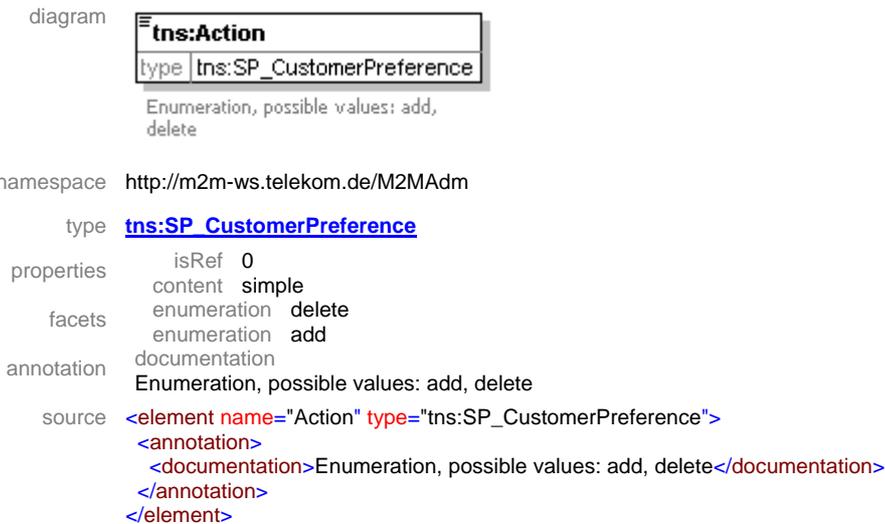
3.136 element OBTariffOptions_1/Identification

diagram

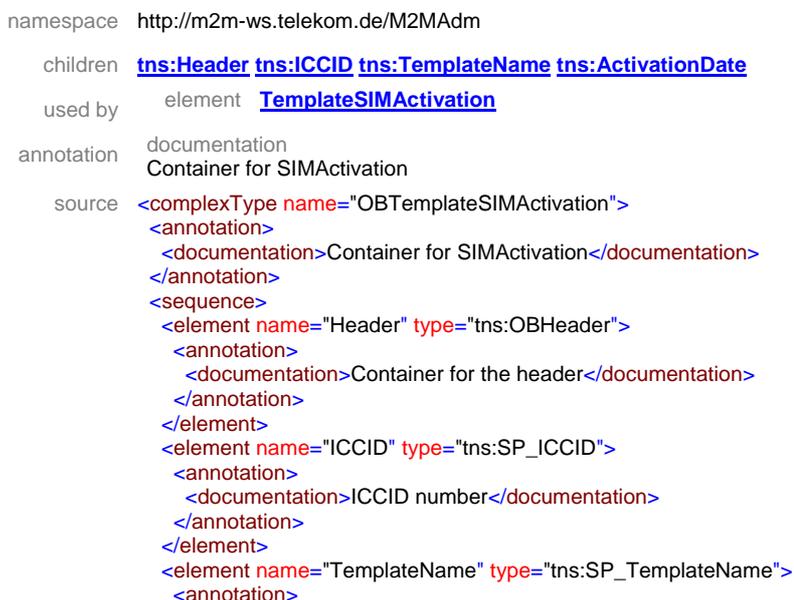
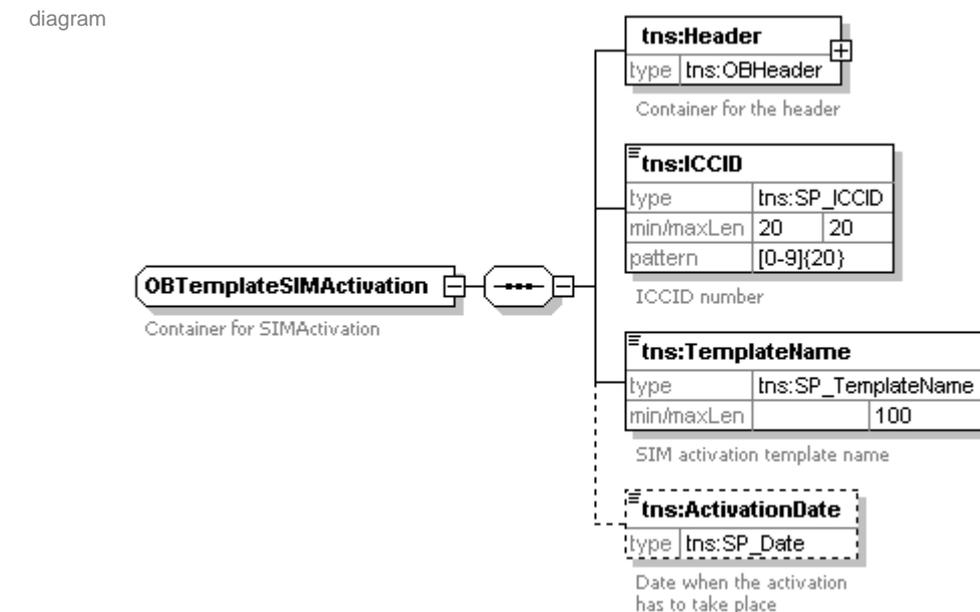


namespace <http://m2m-ws.telekom.de/M2MAdm>
 type [tns:SP_Identification](#)
 properties isRef 0
 content simple
 facets minLength 1
 maxLength 40
 annotation documentation
 Tariff options identifier
 source `<element name="Identification" type="tns:SP_Identification">`
`<annotation>`
`<documentation>Tariff options identifier</documentation>`
`</annotation>`
`</element>`

3.137 element OBTariffOptions_1/Action



3.138 complexType OBTemplateSIMActivation



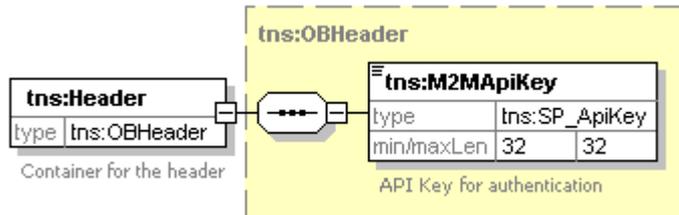
```

    <documentation>SIM activation template name</documentation>
  </annotation>
</element>
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

3.139 element OBTemplateSIMActivation/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

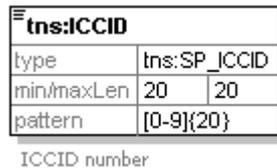
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.140 element OBTemplateSIMActivation/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

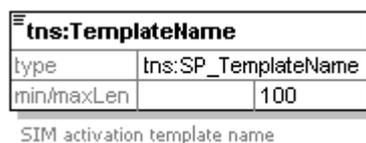
```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>

```

3.141 element OBTemplateSIMActivation/TemplateName

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TemplateName](#)

properties
 isRef 0
 content simple
 facets
 maxLength 100

annotation
 documentation
 SIM activation template name

source `<element name="TemplateName" type="tns:SP_TemplateName">
 <annotation>
 <documentation>SIM activation template name</documentation>
 </annotation>
 </element>`

3.142 element OBTemplateSIMActivation/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

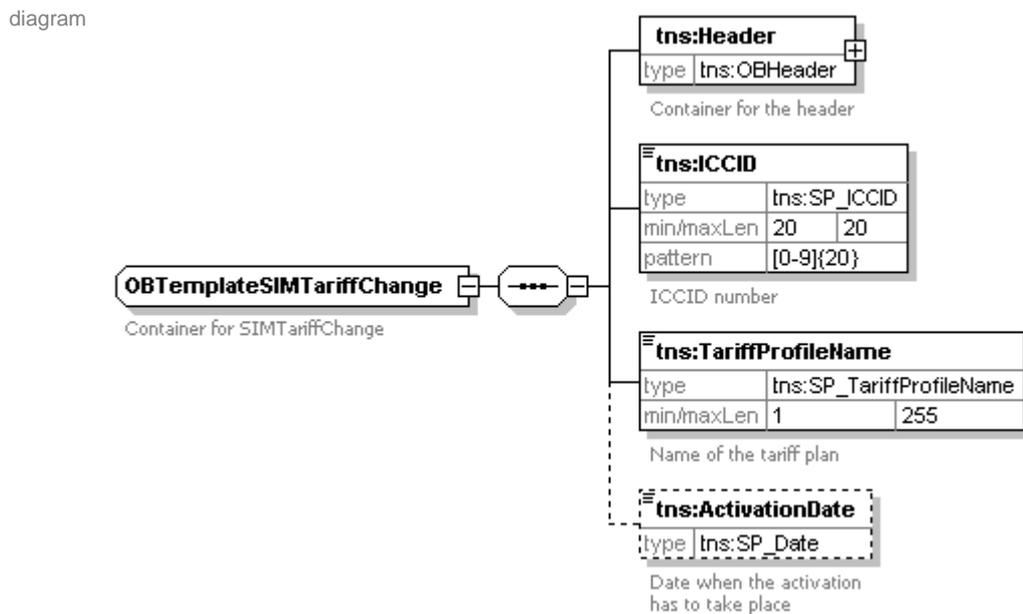
type [tns:SP_Date](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation
 documentation
 Date when the activation has to take place

source `<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
 <annotation>
 <documentation>Date when the activation has to take place</documentation>
 </annotation>
 </element>`

3.143 complexType OBTemplateSIMTariffChange



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffProfileName](#) [tns:ActivationDate](#)

used by element [TemplateSIMTariffChange](#)

annotation
 documentation
 Container for SIMTariffChange

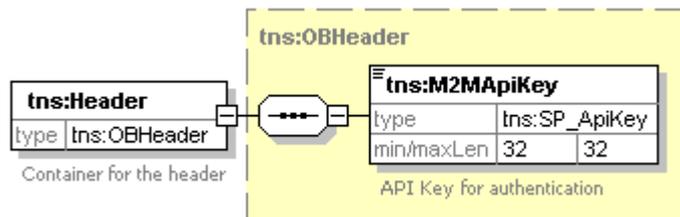
```

source <complexType name="OBTemplateSIMTariffChange">
  <annotation>
    <documentation>Container for SIMTariffChange</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="TariffProfileName" type="tns:SP_TariffProfileName">
      <annotation>
        <documentation>Name of the tariff plan</documentation>
      </annotation>
    </element>
    <element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date when the activation has to take place</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

3.144 element OBTemplateSIMTariffChange/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties
isRef 0
content complex

children [tns:M2MApiKey](#)

annotation
documentation
Container for the header

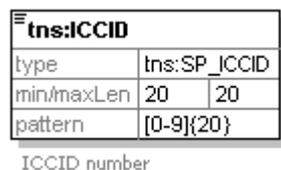
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

3.145 element OBTemplateSIMTariffChange/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties
isRef 0
content simple

facets
minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
 ICCID number
 source `<element name="ICCID" type="tns:SP_ICCID">`
 `<annotation>`
 `<documentation>ICCID number</documentation>`
 `</annotation>`
 `</element>`

3.146 element OBTemplateSIMTariffChange/TariffProfileName



namespace `http://m2m-ws.telekom.de/M2MAdm`
 type [tns:SP_TariffProfileName](#)
 properties
 isRef 0
 content simple
 facets
 minLength 1
 maxLength 255
 annotation documentation
 Name of the tariff plan
 source `<element name="TariffProfileName" type="tns:SP_TariffProfileName">`
 `<annotation>`
 `<documentation>Name of the tariff plan</documentation>`
 `</annotation>`
 `</element>`

3.147 element OBTemplateSIMTariffChange/ActivationDate



namespace `http://m2m-ws.telekom.de/M2MAdm`
 type [tns:SP_Date](#)
 properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 annotation documentation
 Date when the activation has to take place
 source `<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">`
 `<annotation>`
 `<documentation>Date when the activation has to take place</documentation>`
 `</annotation>`
 `</element>`

3.148 simpleType SP_AccountCrmlId

namespace `http://m2m-ws.telekom.de/M2MAdm`
 type **long**
 used by element [OBSIMActivation/AccountCrmlId](#)
 annotation documentation
 SIM group ID
 source `<simpleType name="SP_AccountCrmlId">`
 `<annotation>`
 `<documentation>SIM group ID</documentation>`
 `</annotation>`
 `<restriction base="long"/>`
 `</simpleType>`

3.149 simpleType SP_ApiKey

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBHeader/M2MApiKey](#)

facets
minLength 32
maxLength 32

annotation documentation
API KEY for authentication

source

```
<simpleType name="SP_ApiKey">
  <annotation>
    <documentation>API KEY for authentication</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="32"/>
    <minLength value="32"/>
  </restriction>
</simpleType>
```

3.150 simpleType SP_APNAddress

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBAPNParameters/APNAddress](#) [OBAPNAddressParameter/APNAddress](#)

facets
minLength 1
maxLength 63

annotation documentation
Private APN Name. Can only be set if static IP or Private APN was subscribed

source

```
<simpleType name="SP_APNAddress">
  <annotation>
    <documentation>Private APN Name. Can only be set if static IP or Private APN was subscribed</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="63"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

3.151 simpleType SP_CustomerPreference

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBTariffOptions 1/Action](#)

facets
enumeration delete
enumeration add

annotation documentation
Enumeration, possible values: add, delete

source

```
<simpleType name="SP_CustomerPreference">
  <annotation>
    <documentation>Enumeration, possible values: add, delete</documentation>
  </annotation>
  <restriction base="string">
    <enumeration value="delete"/>
    <enumeration value="add"/>
  </restriction>
</simpleType>
```

3.152 simpleType SP_Date

namespace <http://m2m-ws.telekom.de/M2MAdm>

type **dateTime**

used by elements [OBSIMActivation/ActivationDate](#) [OBTemplateSIMActivation/ActivationDate](#)
[OBSIMTariffChange/ActivationDate](#) [OBTemplateSIMTariffChange/ActivationDate](#)
[OBNetworkProfileSet/ChangeDate](#) [OBTariffOptionChange/ChangeDate](#)

annotation documentation
 Date and time
 source `<simpleType name="SP_Date">`
 `<annotation>`
 `<documentation>Date and time</documentation>`
 `</annotation>`
 `<restriction base="dateTime"/>`
 `</simpleType>`

3.153 simpleType SP_FraudProfileName

namespace `http://m2m-ws.telekom.de/M2MAdm`
 type restriction of **string**
 used by elements [OBSIMActivation/FraudProfileName](#) [OBSIMTariffChange/FraudProfileName](#)
 [OBSIMLimitSet/FraudProfileName](#)
 facets minLength 0
 maxLength 30
 annotation documentation
 Name of the fraud profile
 source `<simpleType name="SP_FraudProfileName">`
 `<annotation>`
 `<documentation>Name of the fraud profile</documentation>`
 `</annotation>`
 `<restriction base="string">`
 `<maxLength value="30"/>`
 `<minLength value="0"/>`
 `</restriction>`
 `</simpleType>`

3.154 simpleType SP_ICCID

namespace `http://m2m-ws.telekom.de/M2MAdm`
 type restriction of **string**
 used by elements [OBSIMActivation/ICCID](#) [OBTemplateSIMActivation/ICCID](#) [OBSIMTariffChange/ICCID](#)
 [OBTemplateSIMTariffChange/ICCID](#) [OBOVERRIDELimit/ICCID](#) [OBRestoreLimit/ICCID](#)
 [OBBarrierModification/ICCID](#) [OBSIMSuspension/ICCID](#) [OBSIMResumption/ICCID](#)
 [OBSIMCancellation/ICCID](#) [OBTariffOptionChange/ICCID](#) [OBSIMLimitSet/ICCID](#)
 [OBSIMVoiceSettingsSet/ICCID](#) [OBSIMConfigAccessResponseState/ICCID](#)
 [OBIdentifier/ICCID](#)
 facets minLength 20
 maxLength 20
 pattern [0-9]{20}
 annotation documentation
 ICCID number
 source `<simpleType name="SP_ICCID">`
 `<annotation>`
 `<documentation>ICCID number</documentation>`
 `</annotation>`
 `<restriction base="string">`
 `<maxLength value="20"/>`
 `<minLength value="20"/>`
 `<pattern value="[0-9]{20}"/>`
 `</restriction>`
 `</simpleType>`

3.155 simpleType SP_Identification

namespace `http://m2m-ws.telekom.de/M2MAdm`
 type restriction of **string**
 used by elements [OBTariffOptions_1/Identification](#) [OBTariffOptions/TariffIdentification](#)
 facets minLength 1
 maxLength 40
 annotation documentation
 Tariff options identifier
 source `<simpleType name="SP_Identification">`
 `<annotation>`
 `<documentation>Tariff options identifier</documentation>`
 `</annotation>`

```

    <restriction base="string">
      <maxLength value="40"/>
      <minLength value="1"/>
    </restriction>
  </simpleType>

```

3.156 simpleType SP_IMSI

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMConfigAccessResponseState/IMSI](#) [OBIdentifier/IMSI](#)

facets

minLength	10
maxLength	15
pattern	([0-9])+

annotation documentation
IMSI number

source

```

<simpleType name="SP_IMSI">
  <annotation>
    <documentation>IMSI number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9]+)/>
  </restriction>
</simpleType>

```

3.157 simpleType SP_IPAddress

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBAPNParameters/IPAddress](#)

facets

pattern	(((([1-9]?[0-9] 1[0-9][0-9] 2[0-4][0-9] 25[0-5])\.)\.)\.)\.)\{3\}([1-9]?[0-9] 1[0-9][0-9] 2[0-4][0-9] 25[0-5])
---------	--

annotation documentation
Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed

source

```

<simpleType name="SP_IPAddress">
  <annotation>
    <documentation>Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed</documentation>
  </annotation>
  <restriction base="string">
    <pattern value="|(((([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])\.)\.)\.)\.)\{3\}([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])"/>
  </restriction>
</simpleType>

```

3.158 simpleType SP_LimitProfileName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/LimitProfileName](#) [OBSIMTariffChange/LimitProfileName](#) [OBSIMLimitSet/LimitProfileName](#)

facets

minLength	0
maxLength	30

annotation documentation
Name of the limit profile

source

```

<simpleType name="SP_LimitProfileName">
  <annotation>
    <documentation>Name of the limit profile</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="30"/>
    <minLength value="0"/>
  </restriction>
</simpleType>

```

3.159 simpleType SP_LockType

namespace <http://m2m-ws.telekom.de/M2MAdm>

type **long**

used by element [OBBarrierModification/LockType](#)

annotation documentation
Kind of lock (for future usage). Currently only 1 (full barrier) is available

source

```
<simpleType name="SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>
```

3.160 simpleType SP_MSISDN

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMConfigAccessResponseState/MSISDN](#) [OBIdentifier/MSISDN](#)

facets
minLength 10
maxLength 15
pattern ([0-9])+

annotation documentation
MSISDN number

source

```
<simpleType name="SP_MSISDN">
  <annotation>
    <documentation>MSISDN number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9])+"/>
  </restriction>
</simpleType>
```

3.161 simpleType SP_NetworkProfileName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/NetworkProfileName](#) [OBSIMTariffChange/NetworkProfileName](#) [OBNetworkProfileSet/NetworkProfileName](#)

facets
maxLength 30

annotation documentation
Network profile name

source

```
<simpleType name="SP_NetworkProfileName">
  <annotation>
    <documentation>Network profile name</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="30"/>
  </restriction>
</simpleType>
```

3.162 simpleType SP_StateCode

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBResponseState/StateCode](#) [OBSIMConfigAccessResponseState/StateCode](#)

facets
minLength 0
maxLength 10

annotation documentation
No error = 0, greater than 0 validation code

source

```
<simpleType name="SP_StateCode">
  <annotation>
```

```

    <documentation>No error = 0, greater than 0 validation code</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="10"/>
    <minLength value="0"/>
  </restriction>
</simpleType>

```

3.163 simpleType SP_StateText

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBResponseState/StateText](#) [OBSIMConfigAccessResponseState/StateText](#)

facets
 minLength 0
 maxLength 64

annotation
 documentation
 Reason for error

source

```

<simpleType name="SP_StateText">
  <annotation>
    <documentation>Reason for error</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="64"/>
    <minLength value="0"/>
  </restriction>
</simpleType>

```

3.164 simpleType SP_TariffPlanName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/TariffPlanName](#) [OBSIMTariffChange/TariffPlanName](#)

facets
 minLength 1
 maxLength 255

annotation
 documentation
 Name of the tariff plan

source

```

<simpleType name="SP_TariffPlanName">
  <annotation>
    <documentation>Name of the tariff plan</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="1"/>
  </restriction>
</simpleType>

```

3.165 simpleType SP_TariffProfileName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBTemplateSIMTariffChange/TariffProfileName](#)

facets
 minLength 1
 maxLength 255

annotation
 documentation
 Name of the tariff profile

source

```

<simpleType name="SP_TariffProfileName">
  <annotation>
    <documentation>Name of the tariff profile</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="1"/>
  </restriction>
</simpleType>

```

3.166 simpleType SP_TemplateName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBTemplateSIMActivation/TemplateName](#)

facets maxLength 100

annotation documentation
activation Template Name

source

```
<simpleType name="SP_TemplateName">
  <annotation>
    <documentation>activation Template Name</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="100"/>
  </restriction>
</simpleType>
```

3.167 simpleType SP_VoiceSettingsName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/VoiceSettingsName](#) [OBSIMVoiceSettingsSet/VoiceSettingsName](#)

facets minLength 0
maxLength 30

annotation documentation
Name of the voice settings

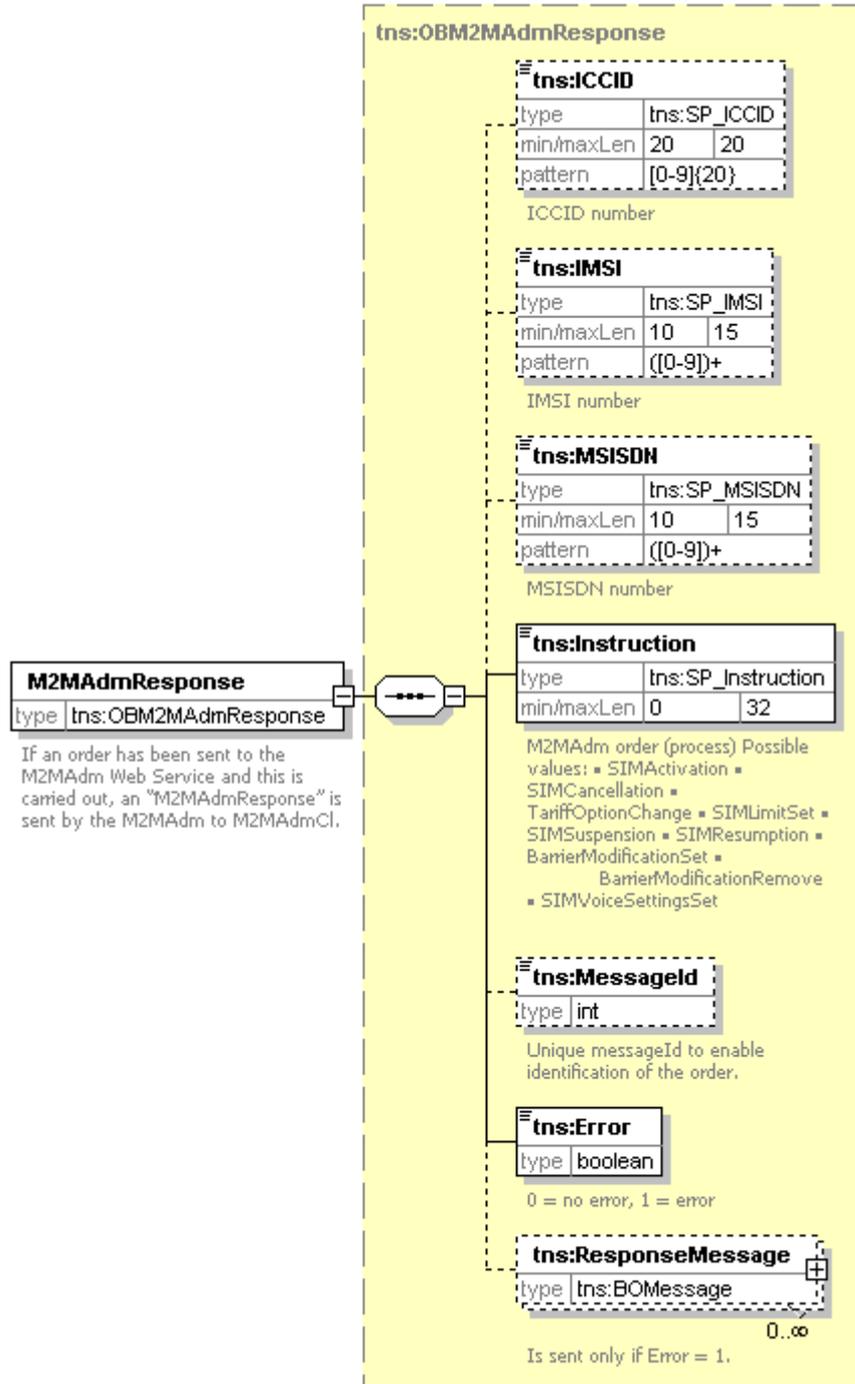
source

```
<simpleType name="SP_VoiceSettingsName">
  <annotation>
    <documentation>Name of the voice settings</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="30"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

4 M2MAdmCI (Client) Web Service

4.1 element M2MAdmResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:OBM2MAdmResponse](#)

properties content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:Instruction](#) [tns:MessageId](#) [tns:Error](#) [tns:ResponseMessage](#)

annotation documentation

If an order has been sent to the M2MAdm Web Service and this is carried out, an "M2MAdmResponse" is sent by the M2MAdm to M2MAdmCl.

source `<element name="M2MAdmResponse" type="tns:OBM2MAdmResponse">`

`<annotation>`

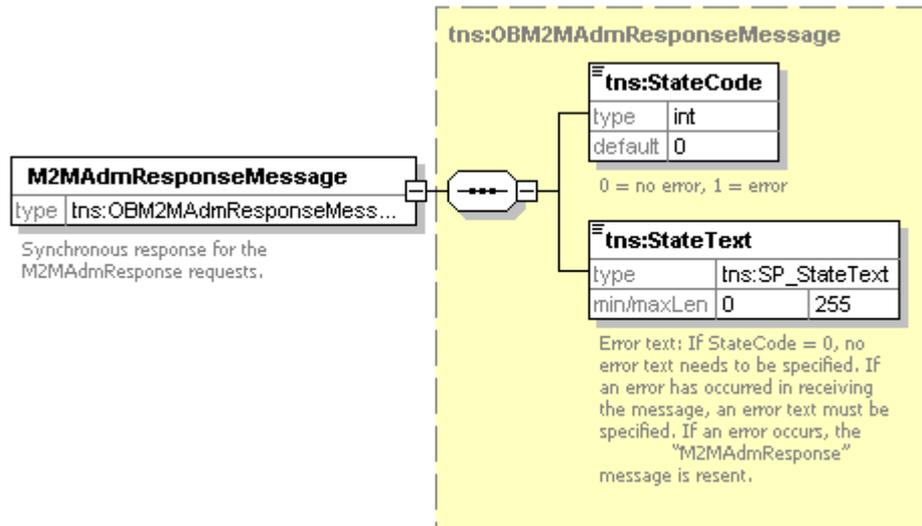
`<documentation>If an order has been sent to the M2MAdm Web Service and this is carried out, an "M2MAdmResponse" is sent by the M2MAdm to M2MAdmCl.</documentation>`

`</annotation>`

</element>

4.2 element M2MAdmResponseMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:OBM2MAdmResponseMessage](#)

properties content complex

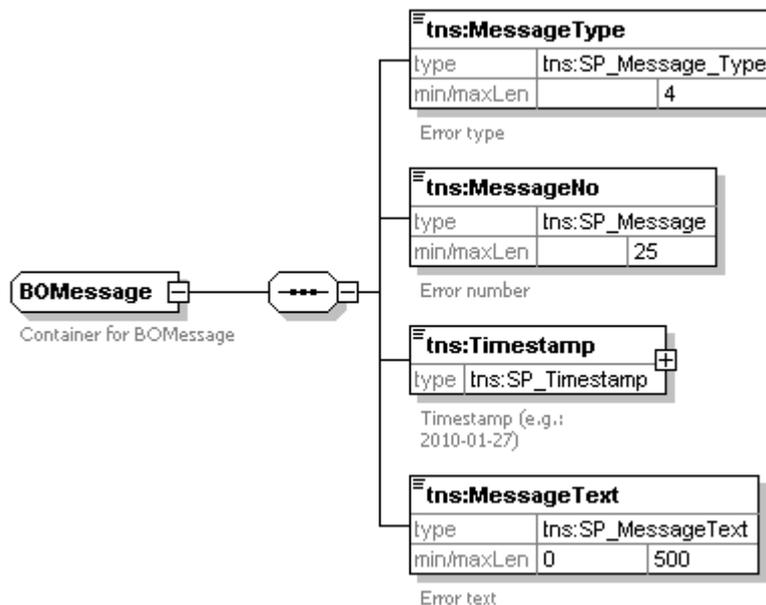
children [tns:StateCode](#) [tns:StateText](#)

documentation
Synchronous response for the M2MAdmResponse requests.

```
source <element name="M2MAdmResponseMessage" type="tns:OBM2MAdmResponseMessage">  
<annotation>  
<documentation>Synchronous response for the M2MAdmResponse requests.</documentation>  
</annotation>  
</element>
```

4.3 complexType BOMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

children [tns:MessageType](#) [tns:MessageNo](#) [tns:Timestamp](#) [tns:MessageText](#)

used by element [OBM2MAdmResponse/ResponseMessage](#)

annotation documentation
Container for BOMessage

source `<complexType name="BOMessage">`
`<annotation>`
`<documentation>Container for BOMessage</documentation>`
`</annotation>`
`<sequence>`
`<element name="MessageType" type="tns:SP_Message_Type">`
`<annotation>`
`<documentation>Error type</documentation>`
`</annotation>`
`</element>`
`<element name="MessageNo" type="tns:SP_Message">`
`<annotation>`
`<documentation>Error number</documentation>`
`</annotation>`
`</element>`
`<element name="Timestamp" type="tns:SP_Timestamp">`
`<annotation>`
`<documentation>Timestamp (e.g.: 2010-01-27)</documentation>`
`</annotation>`
`</element>`
`<element name="MessageText" type="tns:SP_MessageText">`
`<annotation>`
`<documentation>Error text</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

4.4 element BOMessage/MessageType



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_Message_Type](#)

properties isRef 0
content simple
facets maxLength 4

annotation documentation
Error type

source `<element name="MessageType" type="tns:SP_Message_Type">`
`<annotation>`
`<documentation>Error type</documentation>`
`</annotation>`
`</element>`

4.5 element BOMessage/MessageNo



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_Message](#)

properties isRef 0
content simple
facets maxLength 25

annotation documentation
Error number

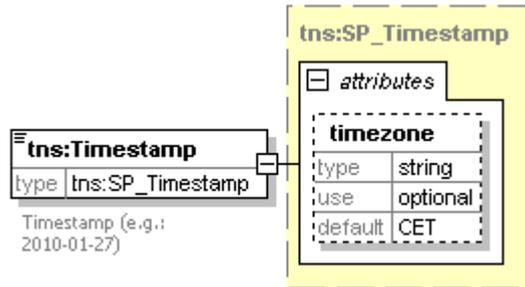
```

source <element name="MessageNo" type="tns:SP_Message">
  <annotation>
    <documentation>Error number</documentation>
  </annotation>
</element>

```

4.6 element BOMessage/Timestamp

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_Timestamp](#)

properties
isRef 0
content complex

attributes	Name	Type	Use	Default	Fixed	Annotation
timezone		string	optional	CET		

documentation
Timestamp (e.g.: 2010-01-27)

```

source <element name="Timestamp" type="tns:SP_Timestamp">
  <annotation>
    <documentation>Timestamp (e.g.: 2010-01-27)</documentation>
  </annotation>
</element>

```

4.7 element BOMessage/MessageText

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_MessageText](#)

properties
isRef 0
content simple
facets
minLength 0
maxLength 500

documentation
Error text

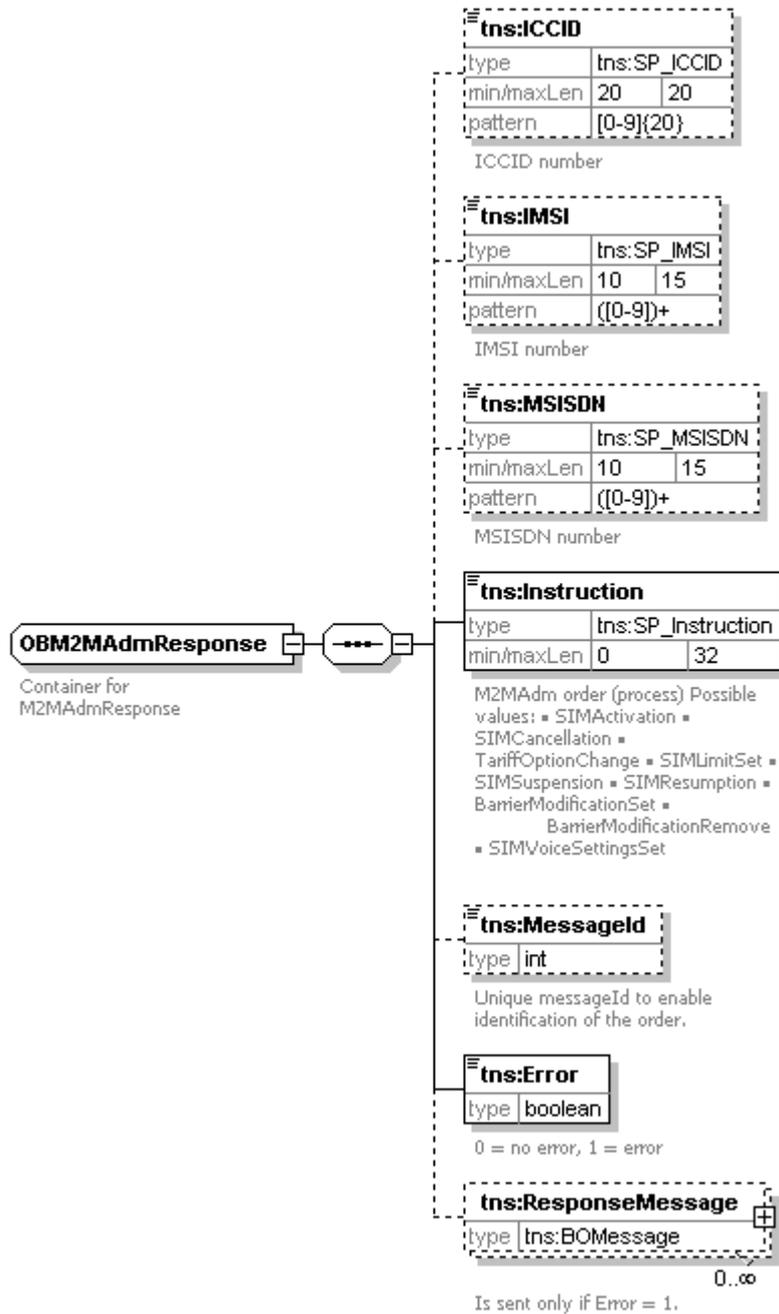
```

source <element name="MessageText" type="tns:SP_MessageText">
  <annotation>
    <documentation>Error text</documentation>
  </annotation>
</element>

```

4.8 complexType OBM2MAdmResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:Instruction](#) [tns:MessageId](#) [tns:Error](#) [tns:ResponseMessage](#)

used by element [M2MAdmResponse](#)

annotation documentation
Container for M2MAdmResponse

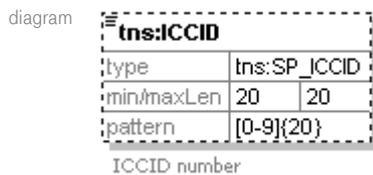
```
<complexType name="OBM2MAdmResponse">
  <annotation>
    <documentation>Container for M2MAdmResponse</documentation>
  </annotation>
  <sequence>
    <element name="ICCID" type="tns:SP_ICCID" minOccurs="0">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="IMSI" type="tns:SP_IMSI" minOccurs="0">
      <annotation>
        <documentation>IMSI number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

```

</annotation>
</element>
<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0">
  <annotation>
    <documentation>MSISDN number</documentation>
  </annotation>
</element>
<element name="Instruction" type="tns:SP_Instruction">
  <annotation>
    <documentation>M2MAdm order (process) Possible values: • SIMActivation • SIMCancellation • TariffOptionChange • SIMLimitSet •
SIMSuspension • SIMResumption • BarrierModificationSet •
BarrierModificationRemove • SIMVoiceSettingsSet
    </documentation>
  </annotation>
</element>
<element name="MessageId" type="int" minOccurs="0">
  <annotation>
    <documentation>Unique messageId to enable identification of the order.</documentation>
  </annotation>
</element>
<element name="Error" type="boolean">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
</element>
<element name="ResponseMessage" type="tns:BOMessage" minOccurs="0" maxOccurs="unbounded">
  <annotation>
    <documentation>Is sent only if Error = 1.</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

4.9 element OBM2MAdmResponse/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_ICCID](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 20
- maxLength 20
- pattern [0-9]{20}

annotation

documentation
ICCID number

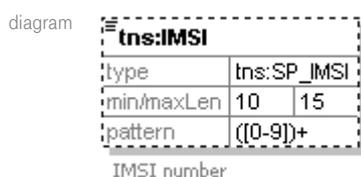
source

```

<element name="ICCID" type="tns:SP_ICCID" minOccurs="0">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>

```

4.10 element OBM2MAdmResponse/IMSI



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_IMSI](#)

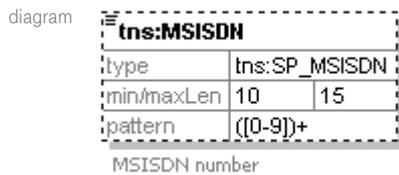
properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 10
maxLength 15
pattern ((0-9))+

annotation documentation
IMSI number

source <element name="IMSI" type="tns:SP_IMSI" minOccurs="0">
<annotation>
<documentation>IMSI number</documentation>
</annotation>
</element>

4.11 element OBM2MAdmResponse/MSISDN



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_MSISDN](#)

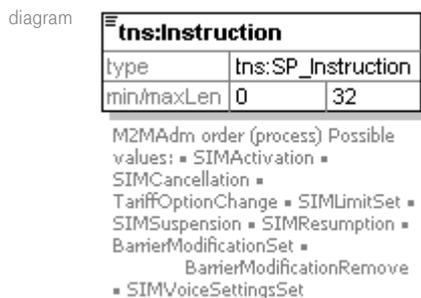
properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 10
maxLength 15
pattern ((0-9))+

annotation documentation
MSISDN number

source <element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0">
<annotation>
<documentation>MSISDN number</documentation>
</annotation>
</element>

4.12 element OBM2MAdmResponse/Instruction



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:SP_Instruction](#)

properties isRef 0
content simple

facets minLength 0
maxLength 32

annotation documentation
M2MAdm order (process) Possible values: • SIMActivation • SIMCancellation • TariffOptionChange • SIMLimitSet • SIMSuspension • SIMResumption • BarrierModificationSet • BarrierModificationRemove • SIMVoiceSettingsSet

```

source <element name="Instruction" type="tns:SP_Instruction">
  <annotation>
    <documentation>M2MAdm order (process) Possible values: • SIMActivation • SIMCancellation • TariffOptionChange • SIMLimitSet •
    SIMSuspension • SIMResumption • BarrierModificationSet •
    BarrierModificationRemove • SIMVoiceSettingsSet
    </documentation>
  </annotation>
</element>

```

4.13 element OBM2MAdmResponse/MessageId



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type **int**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation

documentation
Unique messageId to enable identification of the order.

```

source <element name="MessageId" type="int" minOccurs="0">
  <annotation>
    <documentation>Unique messageId to enable identification of the order.</documentation>
  </annotation>
</element>

```

4.14 element OBM2MAdmResponse/Error



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type **boolean**

properties

isRef	0
content	simple

annotation

documentation
0 = no error, 1 = error

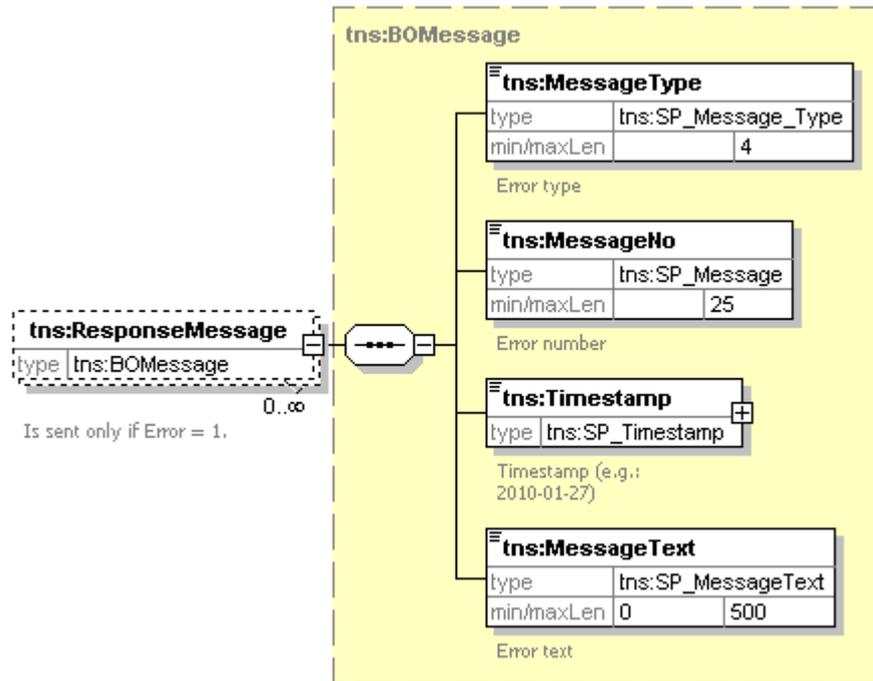
```

source <element name="Error" type="boolean">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
</element>

```

4.15 element OBM2MAdmResponse/ResponseMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type [tns:BOMessage](#)

properties
 isRef 0
 minOcc 0
 maxOcc unbounded
 content complex

children [tns:MessageType](#) [tns:MessageNo](#) [tns:Timestamp](#) [tns:MessageText](#)

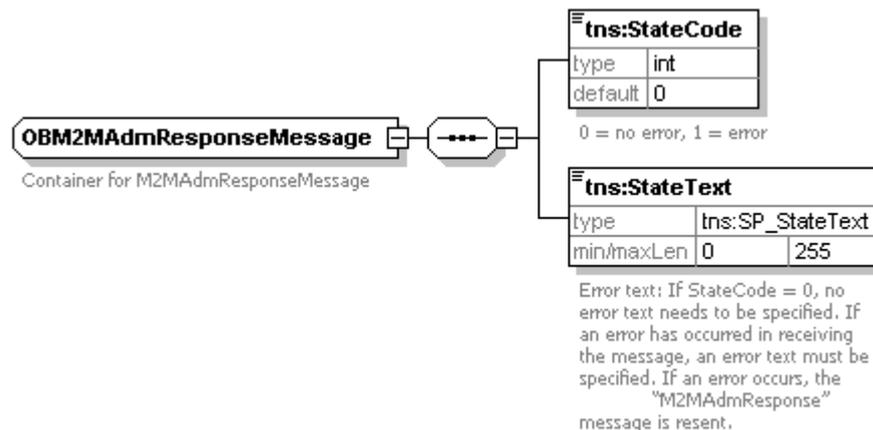
annotation
 documentation
 Is sent only if Error = 1.

source

```
<element name="ResponseMessage" type="tns:BOMessage" minOccurs="0" maxOccurs="unbounded">
  <annotation>
    <documentation>Is sent only if Error = 1.</documentation>
  </annotation>
</element>
```

4.16 complexType OBM2MAdmResponseMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

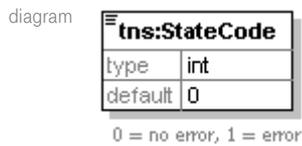
children [tns:StateCode](#) [tns:StateText](#)

used by element [M2MAdmResponseMessage](#)

annotation documentation
Container for M2MAdmResponseMessage

source `<complexType name="OBM2MAdmResponseMessage">`
`<annotation>`
`<documentation>Container for M2MAdmResponseMessage</documentation>`
`</annotation>`
`<sequence>`
`<element name="StateCode" type="int" default="0">`
`<annotation>`
`<documentation>0 = no error, 1 = error</documentation>`
`</annotation>`
`</element>`
`<element name="StateText" type="tns:SP_StateText">`
`<annotation>`
`<documentation>Error text: If StateCode = 0, no error text needs to be specified. If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the`
`"M2MAdmResponse" message is resent.`
`</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

4.17 element OBM2MAdmResponseMessage/StateCode



namespace `http://m2m-ws.telekom.de/M2MAdmCI`

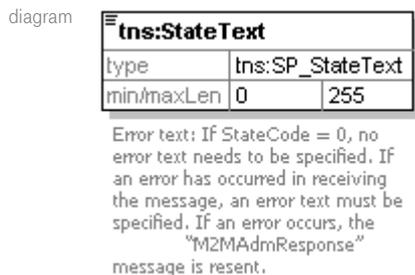
type **int**

properties isRef 0
content simple
default 0

annotation documentation
0 = no error, 1 = error

source `<element name="StateCode" type="int" default="0">`
`<annotation>`
`<documentation>0 = no error, 1 = error</documentation>`
`</annotation>`
`</element>`

4.18 element OBM2MAdmResponseMessage/StateText



namespace `http://m2m-ws.telekom.de/M2MAdmCI`

type [tns:SP_StateText](#)

properties isRef 0
content simple

facets minLength 0
maxLength 255

annotation documentation
Error text: If StateCode = 0, no error text needs to be specified. If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent.

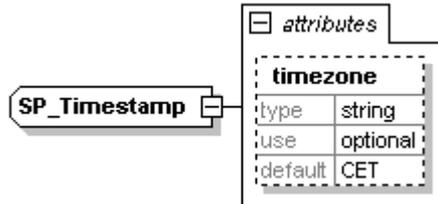
```

source <element name="StateText" type="tns:SP_StateText">
  <annotation>
    <documentation>Error text: If StateCode = 0, no error text needs to be specified. If an error has occurred in receiving the message, an error text
      must be specified. If an error occurs, the
        "M2MAdmResponse" message is resent.
    </documentation>
  </annotation>
</element>

```

4.19 complexType SP_Timestamp

diagram



namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type extension of **dateTime**

properties base **dateTime**

used by element [BOMessage/Timestamp](#)

attributes	Name	Type	Use	Default	Fixed	Annotation
	timezone	string	optional	CET		

```

source <complexType name="SP_Timestamp">
  <simpleContent>
    <annotation>
      <documentation>Timestamp incl. Timezone</documentation>
    </annotation>
    <extension base="dateTime">
      <attribute name="timezone" type="string" use="optional" default="CET"/>
    </extension>
  </simpleContent>
</complexType>

```

4.20 simpleType SP_ICCID

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [OBM2MAdmResponse/ICCID](#)

facets

minLength	20
maxLength	20
pattern	[0-9]{20}

annotation documentation
ICCID Number

```

source <simpleType name="SP_ICCID">
  <annotation>
    <documentation>ICCID Number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="20"/>
    <minLength value="20"/>
    <pattern value="[0-9]{20}"/>
  </restriction>
</simpleType>

```

4.21 simpleType SP_IMSI

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [OBM2MAdmResponse/IMSI](#)

facets
 minLength 10
 maxLength 15
 pattern `((0-9))+`

annotation documentation
 IMSI number

source `<simpleType name="SP_IMSI">`
`<annotation>`
`<documentation>IMSI number</documentation>`
`</annotation>`
`<restriction base="string">`
`<maxLength value="15"/>`
`<minLength value="10"/>`
`<pattern value="((0-9))+"/>`
`</restriction>`
`</simpleType>`

4.22 simpleType SP_Instruction

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [OBM2MAdmResponse/Instruction](#)

facets
 minLength 0
 maxLength 32

source `<simpleType name="SP_Instruction">`
`<restriction base="string">`
`<maxLength value="32"/>`
`<minLength value="0"/>`
`</restriction>`
`</simpleType>`

4.23 simpleType SP_Message

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [BOMessage/MessageNo](#)

facets
 maxLength 25

source `<simpleType name="SP_Message">`
`<restriction base="string">`
`<maxLength value="25"/>`
`</restriction>`
`</simpleType>`

4.24 simpleType SP_Message_Type

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [BOMessage/MessageType](#)

facets
 maxLength 4

annotation documentation
 Error type

source `<simpleType name="SP_Message_Type">`
`<annotation>`
`<documentation>Error type</documentation>`
`</annotation>`
`<restriction base="string">`
`<maxLength value="4"/>`
`</restriction>`
`</simpleType>`

4.25 simpleType SP_MessageText

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [BOMessage/MessageText](#)

facets

minLength	0
maxLength	500

source

```
<simpleType name="SP_MessageText">
  <restriction base="string">
    <maxLength value="500"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

4.26 simpleType SP_MSISDN

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [OBM2MAdmResponse/MSISDN](#)

facets

minLength	10
maxLength	15
pattern	([0-9])+

annotation

documentation
MSISDN number

source

```
<simpleType name="SP_MSISDN">
  <annotation>
    <documentation>MSISDN number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9])+"/>
  </restriction>
</simpleType>
```

4.27 simpleType SP_StateText

namespace <http://m2m-ws.telekom.de/M2MAdmCI>

type restriction of **string**

used by element [OBM2MAdmResponseMessage/StateText](#)

facets

minLength	0
maxLength	255

annotation

documentation
Error text: If StateCode = 0, no error text needs to be specified. If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent.

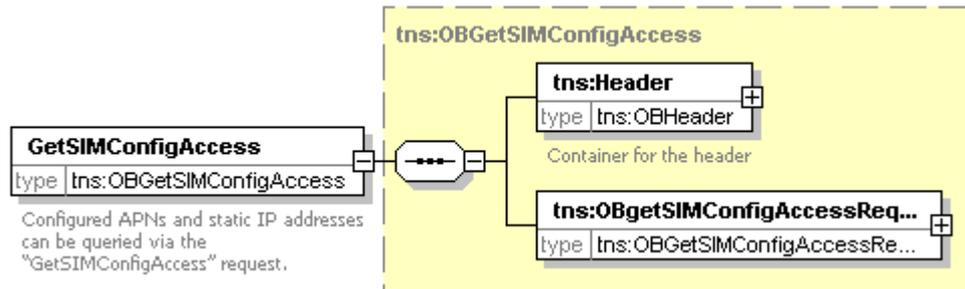
source

```
<simpleType name="SP_StateText">
  <annotation>
    <documentation>Error text: If StateCode = 0, no error text needs to be specified. If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent.
  </documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

5 M2MMon (Server) Web Service

5.1 element GetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBgetSIMConfigAccessRequest](#)

annotation documentation

Configured APNs and static IP addresses can be queried via the "GetSIMConfigAccess" request.

source `<element name="GetSIMConfigAccess" type="tns:OBGetSIMConfigAccess">`

`<annotation>`

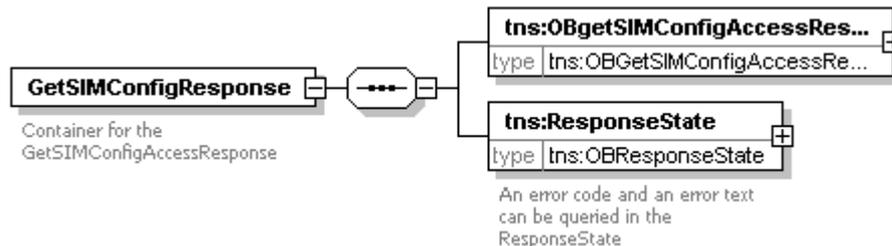
`<documentation>Configured APNs and static IP addresses can be queried via the "GetSIMConfigAccess" request.</documentation>`

`</annotation>`

`</element>`

5.2 element GetSIMConfigResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

properties content complex

children [tns:OBgetSIMConfigAccessResponse](#) [tns:ResponseState](#)

annotation documentation

Container for the GetSIMConfigAccessResponse

source `<element name="GetSIMConfigResponse">`

`<annotation>`

`<documentation>Container for the GetSIMConfigAccessResponse</documentation>`

`</annotation>`

`<complexType>`

`<sequence>`

`<element name="OBgetSIMConfigAccessResponse" type="tns:OBGetSIMConfigAccessResponse"/>`

`<element name="ResponseState" type="tns:OBResponseState">`

`<annotation>`

`<documentation>An error code and an error text can be queried in the ResponseState</documentation>`

`</annotation>`

`</element>`

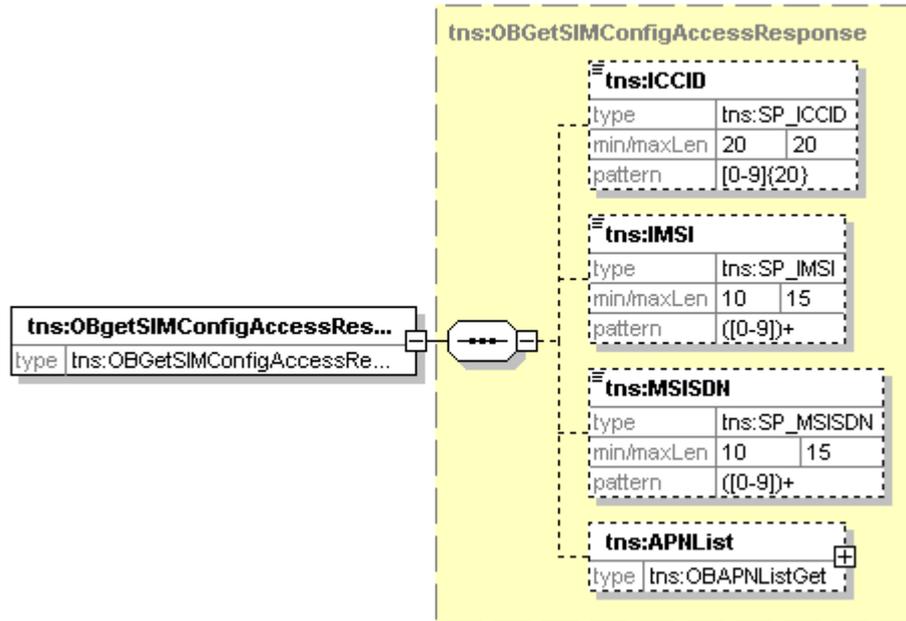
`</sequence>`

`</complexType>`

`</element>`

5.3 element GetSIMConfigResponse/OBgetSIMConfigAccessResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBgetSIMConfigAccessResponse](#)

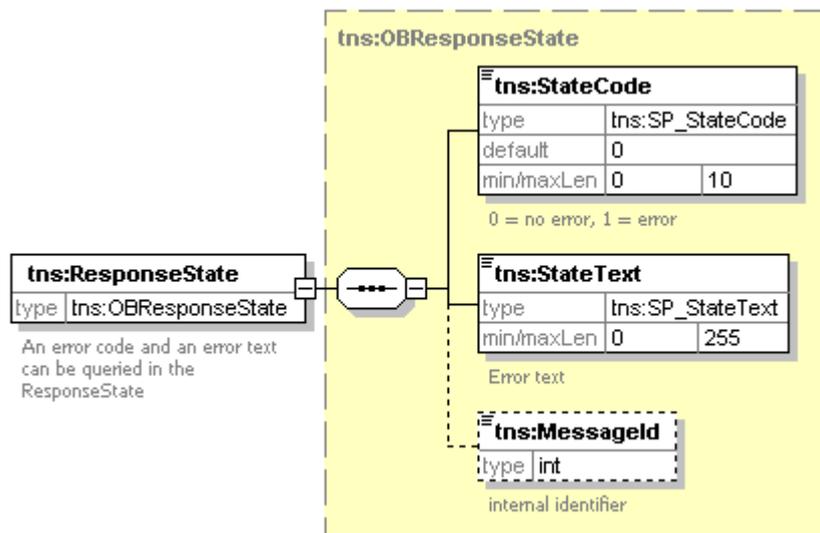
properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:APNList](#)

source `<element name="OBgetSIMConfigAccessResponse" type="tns:OBgetSIMConfigAccessResponse"/>`

5.4 element GetSIMConfigResponse/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation

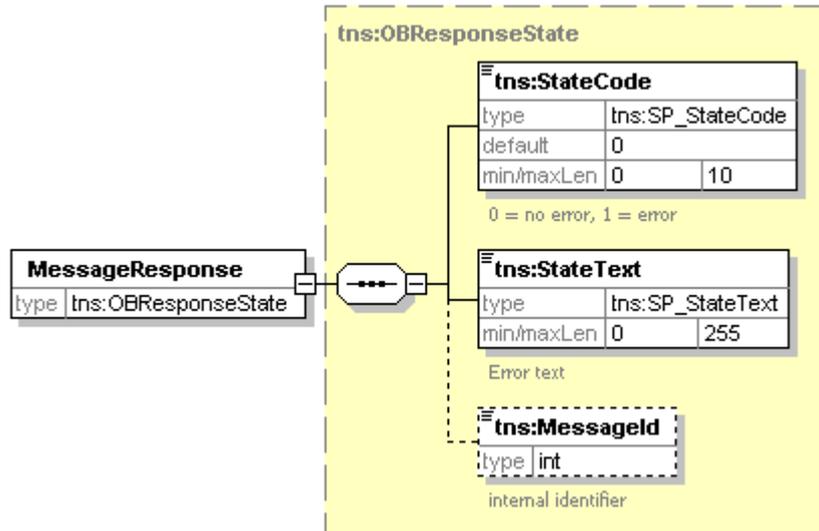
An error code and an error text can be queried in the ResponseState

source `<element name="ResponseState" type="tns:OBResponseState">
<annotation>
<documentation>An error code and an error text can be queried in the ResponseState</documentation>
</annotation>`

</element>

5.5 element MessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

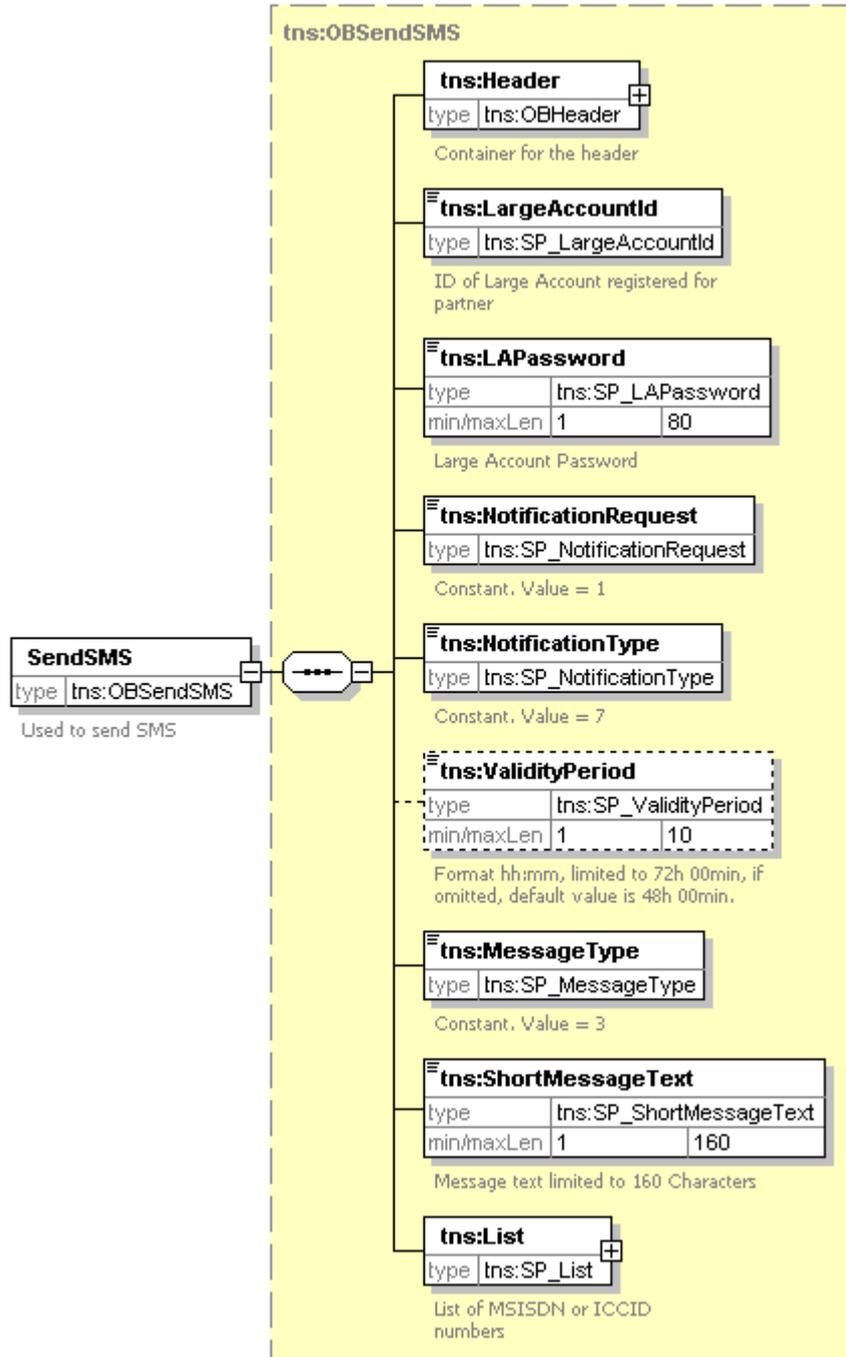
properties content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

source `<element name="MessageResponse" type="tns:OBResponseState"/>`

5.6 element SendSMS

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSSendSMS](#)

properties content complex

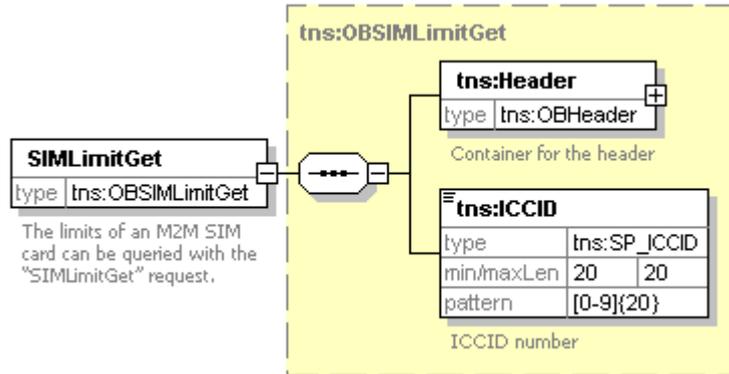
children [tns:Header](#) [tns:LargeAccountId](#) [tns:LAPassword](#) [tns:NotificationRequest](#) [tns:NotificationType](#) [tns:ValidityPeriod](#) [tns:MessageType](#) [tns:ShortMessageText](#) [tns:List](#)

annotation documentation
Used to send SMS

```
source <element name="SendSMS" type="tns:OBSSendSMS">
  <annotation>
    <documentation>Used to send SMS</documentation>
  </annotation>
</element>
```

5.7 element SIMLimitGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitGet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation

The limits of an M2M SIM card can be queried with the "SIMLimitGet" request.

source `<element name="SIMLimitGet" type="tns:OBSIMLimitGet">`

`<annotation>`

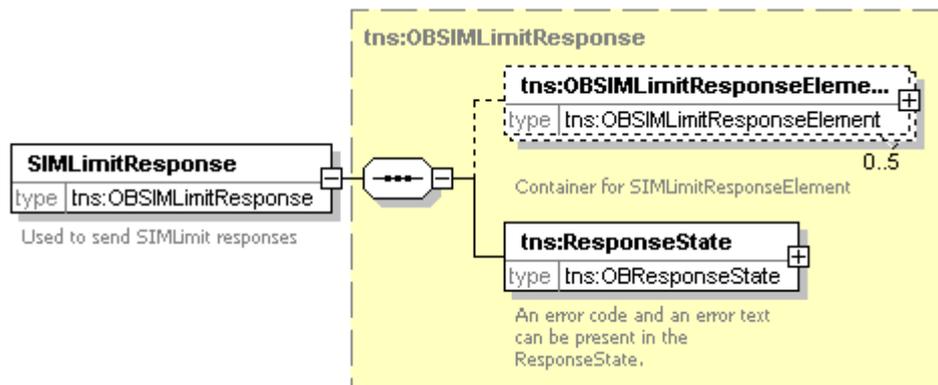
`<documentation>The limits of an M2M SIM card can be queried with the "SIMLimitGet" request.</documentation>`

`</annotation>`

`</element>`

5.8 element SIMLimitResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitResponse](#)

properties content complex

children [tns:OBSIMLimitResponseElements](#) [tns:ResponseState](#)

annotation documentation

Used to send SIMLimit responses

source `<element name="SIMLimitResponse" type="tns:OBSIMLimitResponse">`

`<annotation>`

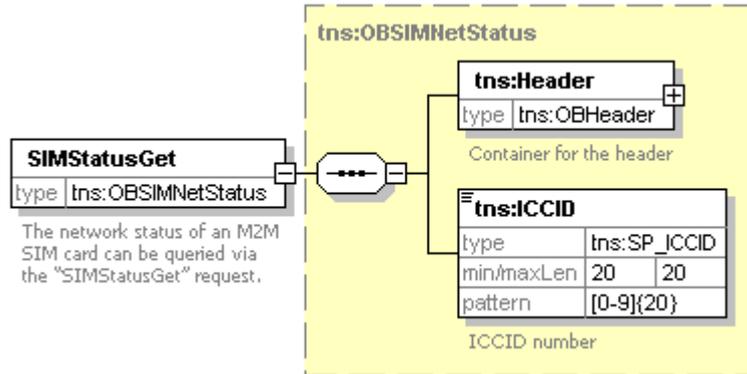
`<documentation>Used to send SIMLimit responses</documentation>`

`</annotation>`

`</element>`

5.9 element SIMStatusGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMNetStatus](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation

The network status of an M2M SIM card can be queried via the "SIMStatusGet" request.

source `<element name="SIMStatusGet" type="tns:OBSIMNetStatus">`

`<annotation>`

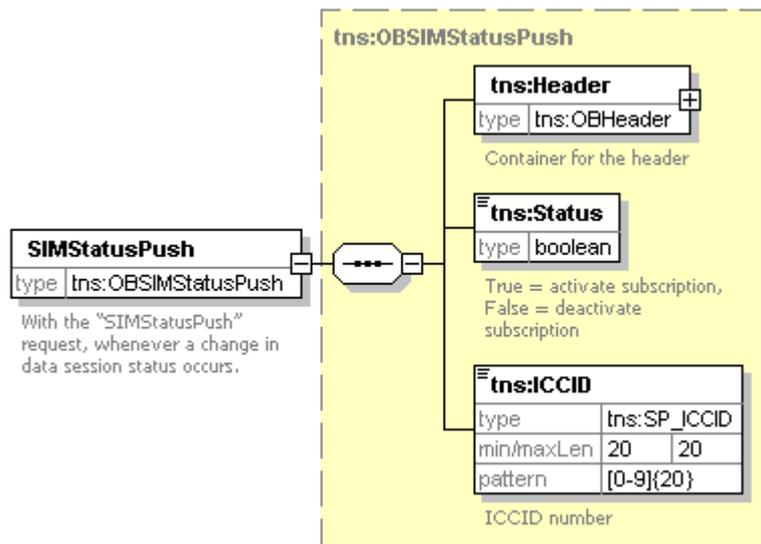
`<documentation>`The network status of an M2M SIM card can be queried via the "SIMStatusGet" request.`</documentation>`

`</annotation>`

`</element>`

5.10 element SIMStatusPush

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMStatusPush](#)

properties content complex

children [tns:Header](#) [tns:Status](#) [tns:ICCID](#)

annotation documentation

With the "SIMStatusPush" request, whenever a change in data session status occurs.

source `<element name="SIMStatusPush" type="tns:OBSIMStatusPush">`

`<annotation>`

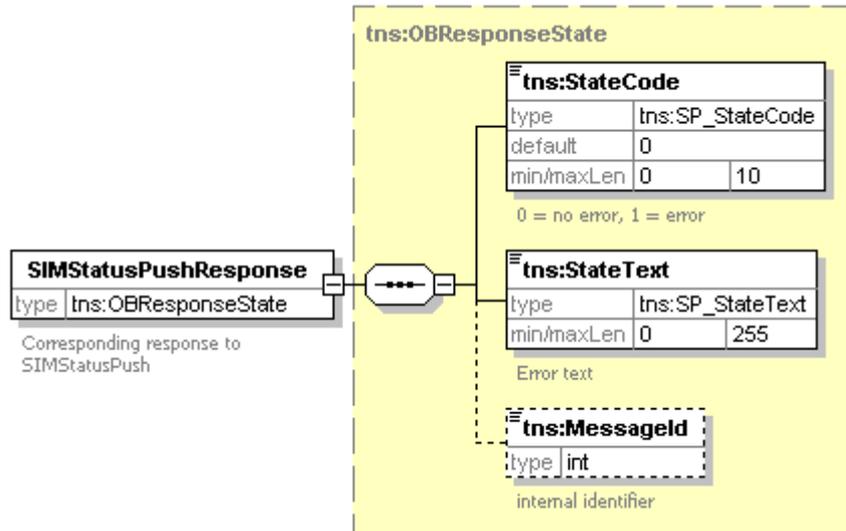
`<documentation>`With the "SIMStatusPush" request, whenever a change in data session status occurs.`</documentation>`

`</annotation>`

`</element>`

5.11 element SIMStatusPushResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties content complex

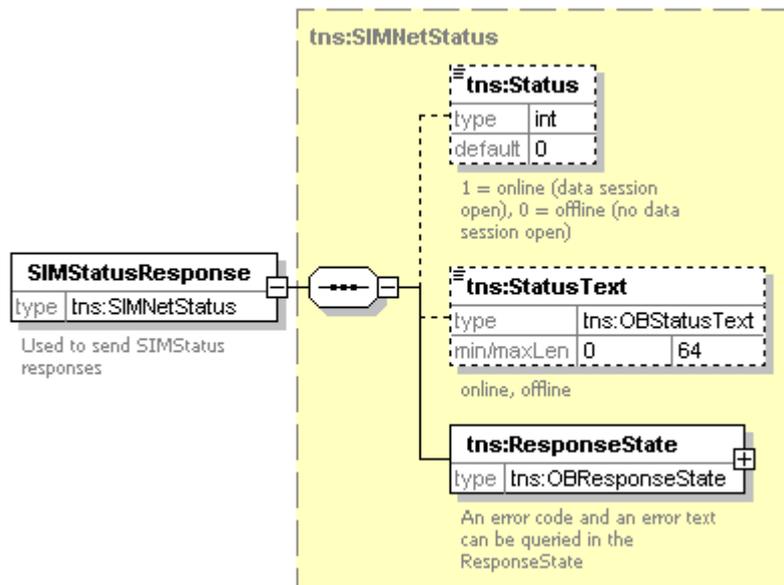
children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

documentation
Corresponding response to SIMStatusPush

source `<element name="SIMStatusPushResponse" type="tns:OBResponseState">
<annotation>
<documentation>Corresponding response to SIMStatusPush</documentation>
</annotation>
</element>`

5.12 element SIMStatusResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SIMNetStatus](#)

properties content complex

children [tns:Status](#) [tns:StatusText](#) [tns:ResponseState](#)

documentation
Used to send SIMStatus responses

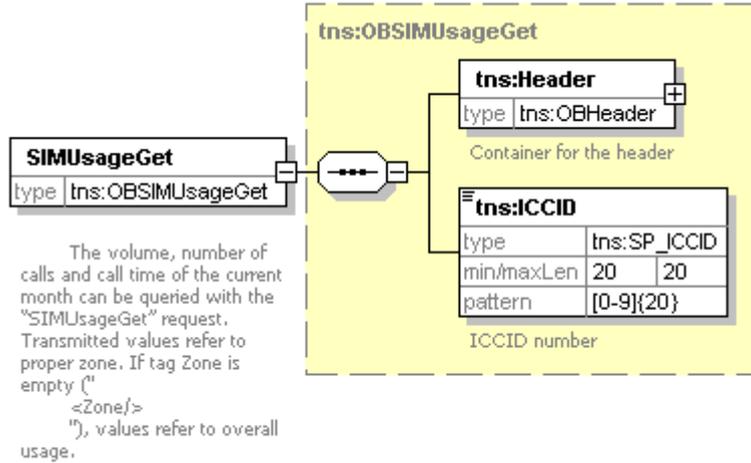
```

source <element name="SIMStatusResponse" type="tns:SIMNetStatus">
  <annotation>
    <documentation>Used to send SIMStatus responses</documentation>
  </annotation>
</element>

```

5.13 element SIMUsageGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMUsageGet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation

The volume, number of calls and call time of the current month can be queried with the "SIMUsageGet" request. Transmitted values refer to proper zone. If tag Zone is empty (" <Zone/>"), values refer to overall usage.

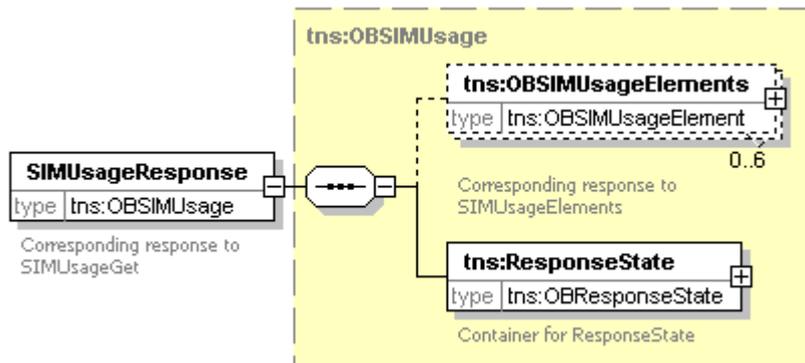
```

source <element name="SIMUsageGet" type="tns:OBSIMUsageGet">
  <annotation>
    <documentation>
      The volume, number of calls and call time of the current month can be queried with the "SIMUsageGet" request.
      Transmitted values refer to proper zone. If tag Zone is empty ("
      <Zone/>
      "), values refer to overall usage.
    </documentation>
  </annotation>
</element>

```

5.14 element SIMUsageResponse

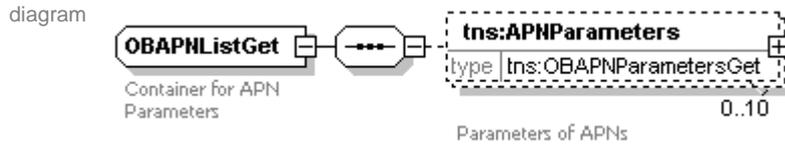
diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

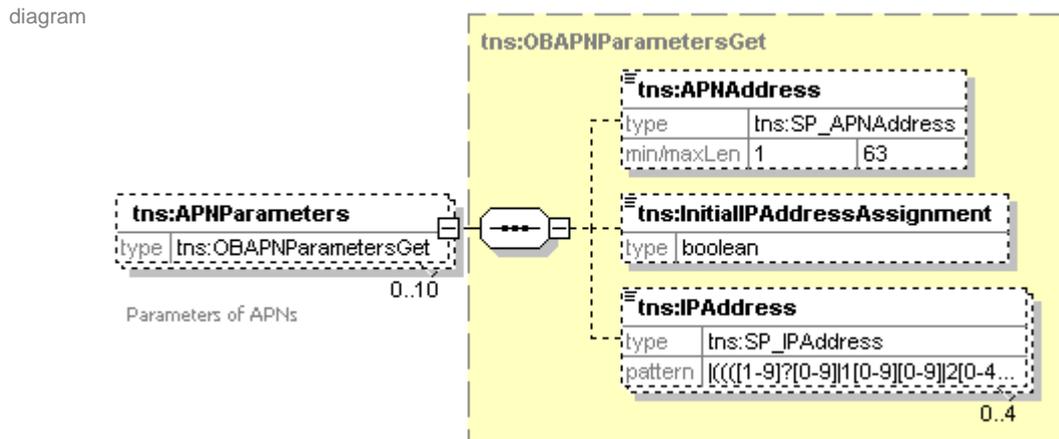
type [tns:OBSIMUsage](#)
 properties content complex
 children [tns:OBSIMUsageElements](#) [tns:ResponseState](#)
 annotation documentation
 Corresponding response to SIMUsageGet
 source `<element name="SIMUsageResponse" type="tns:OBSIMUsage">`
`<annotation>`
`<documentation>Corresponding response to SIMUsageGet</documentation>`
`</annotation>`
`</element>`

5.15 complexType OBAPNListGet



namespace <http://m2m-ws.telekom.de/M2MMon>
 children [tns:APNParameters](#)
 used by element [OBGetSIMConfigAccessResponse/APNList](#)
 annotation documentation
 Container for APN Parameters
 source `<complexType name="OBAPNListGet">`
`<annotation>`
`<documentation>Container for APN Parameters</documentation>`
`</annotation>`
`<sequence>`
`<element name="APNParameters" type="tns:OBAPNParametersGet" minOccurs="0" maxOccurs="10">`
`<annotation>`
`<documentation>Parameters of APNs</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

5.16 element OBAPNListGet/APNParameters



namespace <http://m2m-ws.telekom.de/M2MMon>
 type [tns:OBAPNParametersGet](#)
 properties isRef 0
 minOcc 0
 maxOcc 10
 content complex
 children [tns:APNAddress](#) [tns:InitialIPAddressAssignment](#) [tns:IPAddress](#)
 annotation documentation
 Parameters of APNs

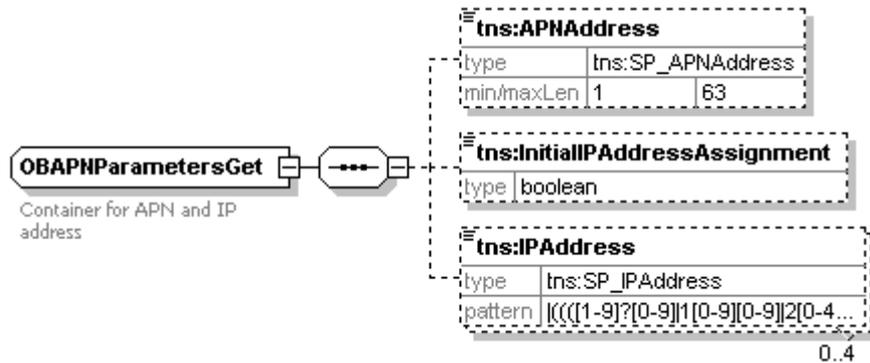
```

source <element name="APNParameters" type="tns:OBAPNParametersGet" minOccurs="0" maxOccurs="10">
  <annotation>
    <documentation>Parameters of APNs</documentation>
  </annotation>
</element>

```

5.17 complexType OBAPNParametersGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:APNAddress](#) [tns:InitialIPAddressAssignment](#) [tns:IPAddress](#)

used by element [OBAPNListGet/APNParameters](#)

annotation documentation
Container for APN and IP address

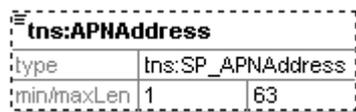
```

source <complexType name="OBAPNParametersGet">
  <annotation>
    <documentation>Container for APN and IP address</documentation>
  </annotation>
  <sequence>
    <element name="APNAddress" type="tns:SP_APNAddress" minOccurs="0"/>
    <element name="InitialIPAddressAssignment" type="boolean" minOccurs="0"/>
    <element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
  </sequence>
</complexType>

```

5.18 element OBAPNParametersGet/APNAddress

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_APNAddress](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 1
maxLength 63

```

source <element name="APNAddress" type="tns:SP_APNAddress" minOccurs="0"/>

```

5.19 element OBAPNParametersGet/InitialIPAddressAssignment

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type **boolean**

properties isRef 0
minOcc 0

maxOcc 1
 content simple
 source `<element name="InitialIPAddressAssignment" type="boolean" minOccurs="0"/>`

5.20 element OBAPNParametersGet/IPAddress



namespace `http://m2m-ws.telekom.de/M2MMon`

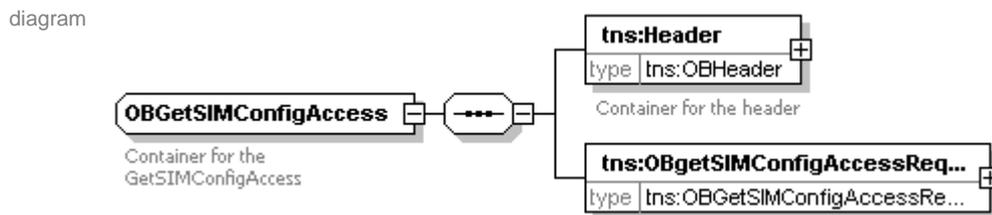
type [tns:SP_IPAddress](#)

properties
 isRef 0
 minOcc 0
 maxOcc 4
 content simple

facets
 pattern `|(((([1-9]?[0-9])1[0-9][0-9])2[0-4][0-9]|25[0-5])\.)?{3}([1-9]?[0-9])1[0-9][0-9]2[0-4][0-9]|25[0-5])`

source `<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>`

5.21 complexType OBGetSIMConfigAccess



namespace `http://m2m-ws.telekom.de/M2MMon`

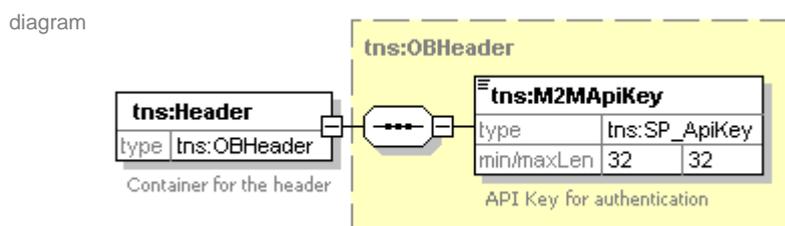
children [tns:Header](#) [tns:OBgetSIMConfigAccessRequest](#)

used by element [GetSIMConfigAccess](#)

annotation
 documentation
 Container for the GetSIMConfigAccess

source `<complexType name="OBGetSIMConfigAccess">
 <annotation>
 <documentation>Container for the GetSIMConfigAccess</documentation>
 </annotation>
 <sequence>
 <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>
 <element name="OBgetSIMConfigAccessRequest" type="tns:OBGetSIMConfigAccessRequest"/>
 </sequence>
 </complexType>`

5.22 element OBGetSIMConfigAccess/Header



namespace `http://m2m-ws.telekom.de/M2MMon`

type [tns:OBHeader](#)

properties isRef 0
content complex

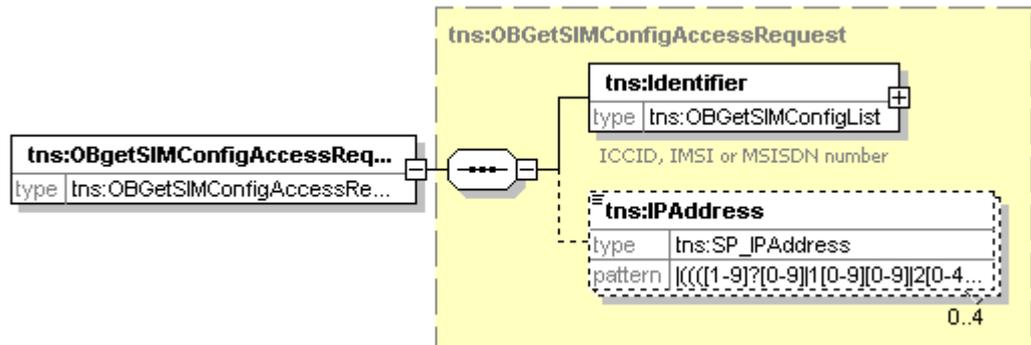
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

5.23 element OBGetSIMConfigAccess/OBgetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigAccessRequest](#)

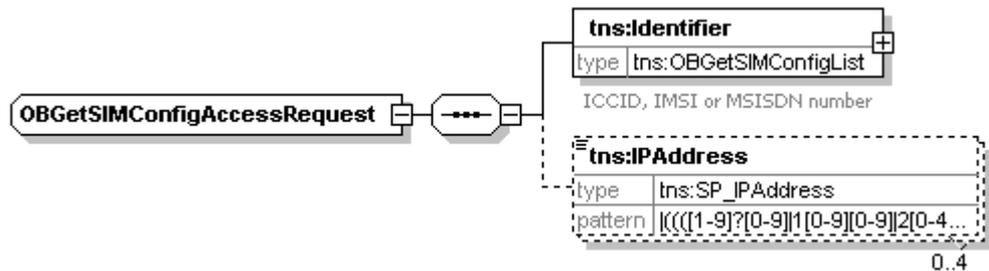
properties isRef 0
content complex

children [tns:Identifier](#) [tns:IPAddress](#)

source `<element name="OBgetSIMConfigAccessRequest" type="tns:OBGetSIMConfigAccessRequest"/>`

5.24 complexType OBGetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

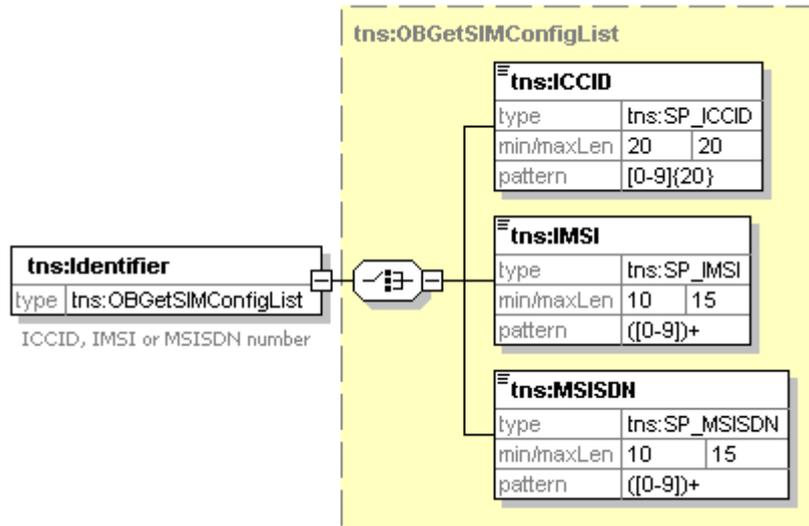
children [tns:Identifier](#) [tns:IPAddress](#)

used by element [OBGetSIMConfigAccess/OBgetSIMConfigAccessRequest](#)

source `<complexType name="OBGetSIMConfigAccessRequest">
<sequence>
<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>
<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
</sequence>
</complexType>`

5.25 element OBGetSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

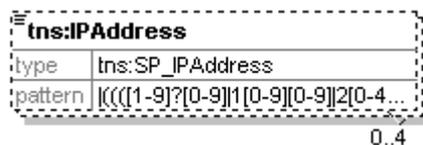
annotation documentation
ICCID, IMSI or MSISDN number

source

```
<element name="Identifier" type="tns:OBGetSIMConfigList">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
</element>
```

5.26 element OBGetSIMConfigAccessRequest/IPAddress

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_IPAddress](#)

properties isRef 0
minOcc 0
maxOcc 4
content simple

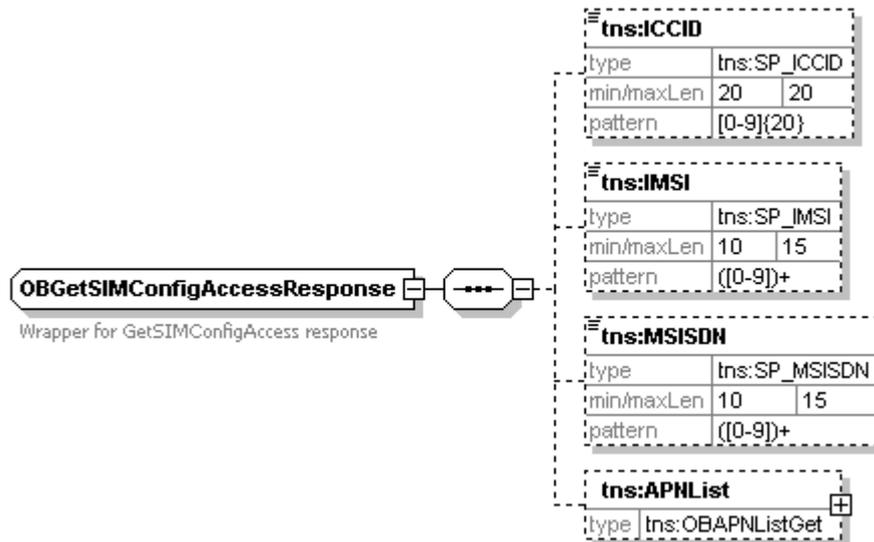
facets pattern |(((1-9)?[0-9])1[0-9][0-9]2[0-4][0-9]|25[0-5])\.\{3\}((1-9)?[0-9]1[0-9][0-9]2[0-4][0-9]|25[0-5])|.

source

```
<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
```

5.27 complexType OBGetSIMConfigAccessResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:APNList](#)

used by element [GetSIMConfigResponse/OBgetSIMConfigAccessResponse](#)

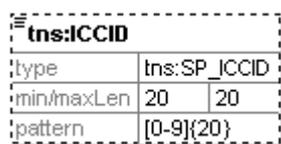
annotation documentation
Wrapper for GetSIMConfigAccess response

source

```
<complexType name="OBGetSIMConfigAccessResponse">
  <annotation>
    <documentation>Wrapper for GetSIMConfigAccess response</documentation>
  </annotation>
  <sequence>
    <element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>
    <element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>
    <element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>
    <element name="APNList" type="tns:OBAPNListGet" minOccurs="0"/>
  </sequence>
</complexType>
```

5.28 element OBGetSIMConfigAccessResponse/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

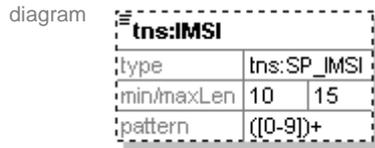
properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
minLength 20
maxLength 20
pattern [0-9]{20}

source

```
<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>
```

5.29 element OBGetSIMConfigAccessResponse/IMSI



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_IMSI](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 10
- maxLength 15
- pattern ([0-9])+

source `<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>`

5.30 element OBGetSIMConfigAccessResponse/MSISDN



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_MSISDN](#)

properties

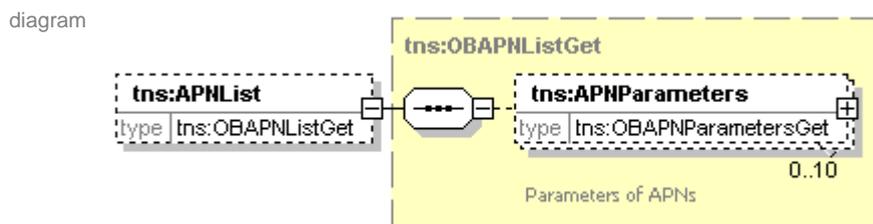
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 10
- maxLength 15
- pattern ([0-9])+

source `<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>`

5.31 element OBGetSIMConfigAccessResponse/APNList



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBAPNListGet](#)

properties

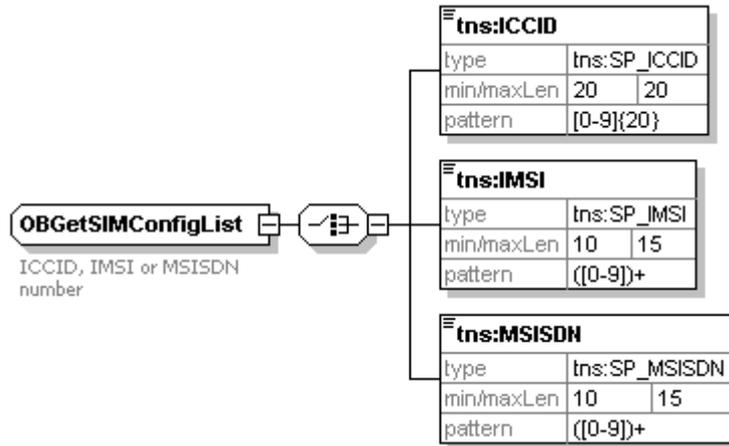
- isRef 0
- minOcc 0
- maxOcc 1
- content complex

children [tns:APNParameters](#)

source `<element name="APNList" type="tns:OBAPNListGet" minOccurs="0"/>`

5.32 complexType OBGetSIMConfigList

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

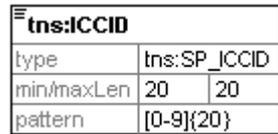
used by element [OBGetSIMConfigAccessRequest/Identifier](#)

annotation documentation
ICCID, IMSI or MSISDN number

```
source <complexType name="OBGetSIMConfigList">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
  <choice>
    <element name="ICCID" type="tns:SP_ICCID"/>
    <element name="IMSI" type="tns:SP_IMSI"/>
    <element name="MSISDN" type="tns:SP_MSISDN"/>
  </choice>
</complexType>
```

5.33 element OBGetSIMConfigList/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

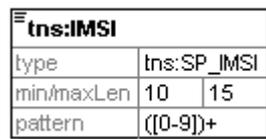
properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

```
source <element name="ICCID" type="tns:SP_ICCID"/>
```

5.34 element OBGetSIMConfigList/IMSI

diagram



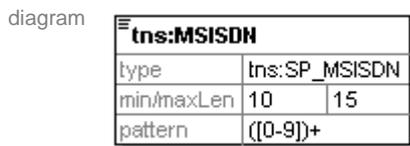
namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_IMSI](#)

properties isRef 0
content simple

facets minLength 10
 maxLength 15
 pattern ([0-9])+
 source <element name="IMSI" type="tns:SP_IMSI"/>

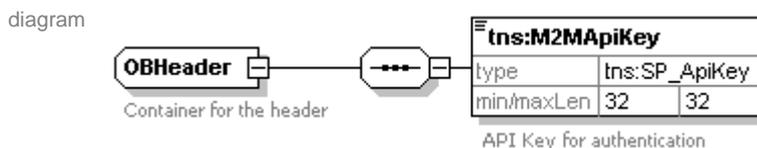
5.35 element OBGetSIMConfigList/MSISDN



namespace http://m2m-ws.telekom.de/M2MMon

type [tns:SP_MSISDN](#)
 properties isRef 0
 content simple
 facets minLength 10
 maxLength 15
 pattern ([0-9])+
 source <element name="MSISDN" type="tns:SP_MSISDN"/>

5.36 complexType OBHeader



namespace http://m2m-ws.telekom.de/M2MMon

children [tns:M2MApiKey](#)
 used by elements [OBGetSIMConfigAccess/Header](#) [OBSIMNetStatus/Header](#) [OBSIMStatusPush/Header](#) [OBSIMUsageGet/Header](#) [OBSIMLimitGet/Header](#) [OBSendSMS/Header](#)
 annotation documentation
 Container for the header
 source <complexType name="OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 <sequence>
 <element name="M2MApiKey" type="tns:SP_ApiKey">
 <annotation>
 <documentation>API Key for authentication</documentation>
 </annotation>
 </element>
 </sequence>
</complexType>

5.37 element OBHeader/M2MApiKey



namespace http://m2m-ws.telekom.de/M2MMon

type [tns:SP_ApiKey](#)
 properties isRef 0
 content simple
 facets minLength 32
 maxLength 32
 annotation documentation
 API Key for authentication

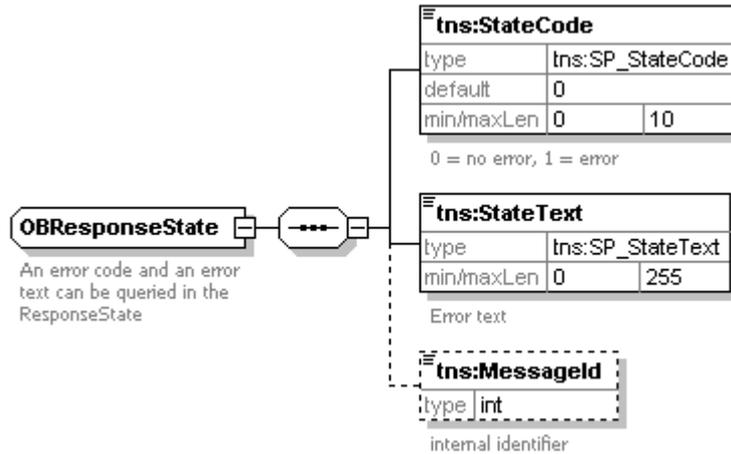
```

source <element name="M2MApiKey" type="tns:SP_ApiKey">
  <annotation>
    <documentation>API Key for authentication</documentation>
  </annotation>
</element>

```

5.38 complexType OBResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

used by elements [MessageResponse](#) [SIMStatusPushResponse](#) [GetSIMConfigResponse/ResponseState](#) [SIMNetStatus/ResponseState](#) [OBSIMUsage/ResponseState](#) [OBSIMLimitResponse/ResponseState](#)

annotation documentation
An error code and an error text can be queried in the ResponseState

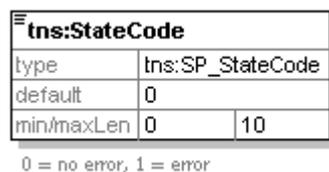
```

source <complexType name="OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState</documentation>
  </annotation>
  <sequence>
    <element name="StateCode" type="tns:SP_StateCode" default="0">
      <annotation>
        <documentation>0 = no error, 1 = error</documentation>
      </annotation>
    </element>
    <element name="StateText" type="tns:SP_StateText">
      <annotation>
        <documentation>Error text</documentation>
      </annotation>
    </element>
    <element name="MessageId" type="int" minOccurs="0">
      <annotation>
        <documentation>internal identifier</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

5.39 element OBResponseState/StateCode

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_StateCode](#)

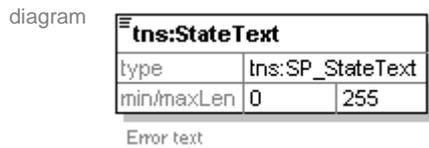
properties
isRef 0
content simple

```

        default 0
    facets
        minLength 0
        maxLength 10
    annotation
        documentation
        0 = no error, 1 = error
    source <element name="StateCode" type="tns:SP_StateCode" default="0">
        <annotation>
            <documentation>0 = no error, 1 = error</documentation>
        </annotation>
    </element>

```

5.40 element OBResponseState/StateText



```

namespace http://m2m-ws.telekom.de/M2MMon
    type tns:SP\_StateText
    properties
        isRef 0
        content simple
    facets
        minLength 0
        maxLength 255
    annotation
        documentation
        Error text
    source <element name="StateText" type="tns:SP_StateText">
        <annotation>
            <documentation>Error text</documentation>
        </annotation>
    </element>

```

5.41 element OBResponseState/MessageId



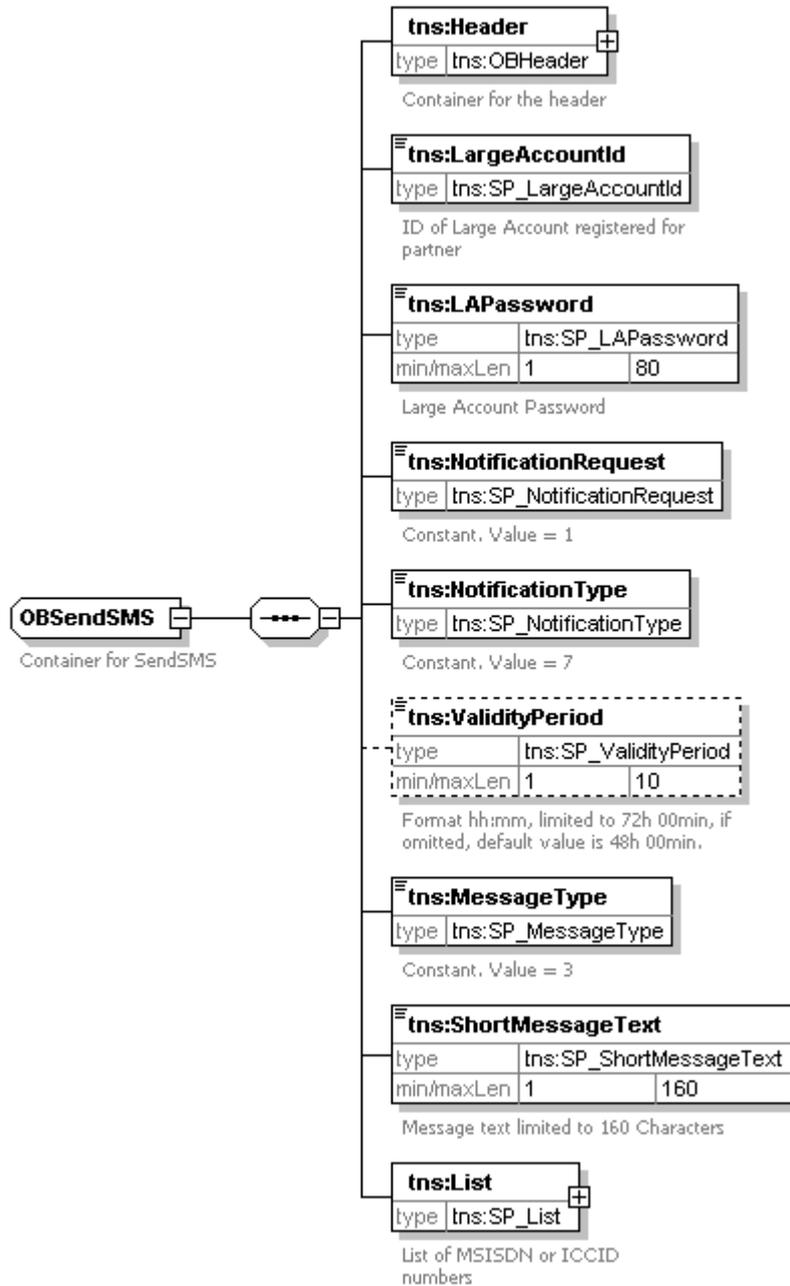
```

namespace http://m2m-ws.telekom.de/M2MMon
    type int
    properties
        isRef 0
        minOcc 0
        maxOcc 1
        content simple
    annotation
        documentation
        internal identifier
    source <element name="MessageId" type="int" minOccurs="0">
        <annotation>
            <documentation>internal identifier</documentation>
        </annotation>
    </element>

```

5.42 complexType OBSendSMS

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:LargeAccountId](#) [tns:LAPassword](#) [tns:NotificationRequest](#) [tns:NotificationType](#) [tns:ValidityPeriod](#) [tns:MessageType](#) [tns:ShortMessageText](#) [tns:List](#)

used by element [SendSMS](#)

documentation
Container for SendSMS

```

source <complexType name="OBSendSMS">
  <annotation>
    <documentation>Container for SendSMS</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="LargeAccountId" type="tns:SP_LargeAccountId">
      <annotation>
        <documentation>ID of Large Account registered for partner</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

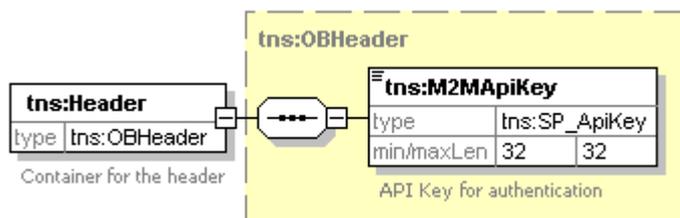
```

</element>
<element name="LAPassword" type="tns:SP_LAPassword">
  <annotation>
    <documentation>Large Account Password</documentation>
  </annotation>
</element>
<element name="NotificationRequest" type="tns:SP_NotificationRequest">
  <annotation>
    <documentation>Constant. Value = 1</documentation>
  </annotation>
</element>
<element name="NotificationType" type="tns:SP_NotificationType">
  <annotation>
    <documentation>Constant. Value = 7</documentation>
  </annotation>
</element>
<element name="ValidityPeriod" type="tns:SP_ValidityPeriod" minOccurs="0">
  <annotation>
    <documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
  </annotation>
</element>
<element name="MessageType" type="tns:SP_MessageType">
  <annotation>
    <documentation>Constant. Value = 3</documentation>
  </annotation>
</element>
<element name="ShortMessageText" type="tns:SP_ShortMessageText">
  <annotation>
    <documentation>Message text limited to 160 Characters</documentation>
  </annotation>
</element>
<element name="List" type="tns:SP_List">
  <annotation>
    <documentation>List of MSISDN or ICCID numbers</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

5.43 element OBSendSMS/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties
isRef 0
content complex

children [tns:M2MApiKey](#)

annotation
documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

5.44 element OBSendSMS/LargeAccountId

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_LargeAccountId](#)

properties isRef 0
content simple

documentation
ID of Large Account registered for partner

source `<element name="LargeAccountId" type="tns:SP_LargeAccountId">
<annotation>
<documentation>ID of Large Account registered for partner</documentation>
</annotation>
</element>`

5.45 element OBSendSMS/LAPassword



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_LAPassword](#)

properties isRef 0
content simple
minLength 1
facets maxLength 80

documentation
Large Account Password

source `<element name="LAPassword" type="tns:SP_LAPassword">
<annotation>
<documentation>Large Account Password</documentation>
</annotation>
</element>`

5.46 element OBSendSMS/NotificationRequest



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_NotificationRequest](#)

properties isRef 0
content simple

documentation
Constant. Value = 1

source `<element name="NotificationRequest" type="tns:SP_NotificationRequest">
<annotation>
<documentation>Constant. Value = 1</documentation>
</annotation>
</element>`

5.47 element OBSendSMS/NotificationType



namespace <http://m2m-ws.telekom.de/M2MMon>

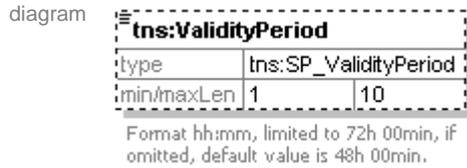
type [tns:SP_NotificationType](#)

properties isRef 0
content simple

annotation documentation
Constant. Value = 7

source `<element name="NotificationType" type="tns:SP_NotificationType">
<annotation>
<documentation>Constant. Value = 7</documentation>
</annotation>
</element>`

5.48 element OBSendSMS/ValidityPeriod



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ValidityPeriod](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 1
maxLength 10

annotation documentation
Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.

source `<element name="ValidityPeriod" type="tns:SP_ValidityPeriod" minOccurs="0">
<annotation>
<documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
</annotation>
</element>`

5.49 element OBSendSMS/MessageType



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_MessageType](#)

properties isRef 0
content simple

annotation documentation
Constant. Value = 3

source `<element name="MessageType" type="tns:SP_MessageType">
<annotation>
<documentation>Constant. Value = 3</documentation>
</annotation>
</element>`

5.50 element OBSendSMS/ShortMessageText



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ShortMessageText](#)

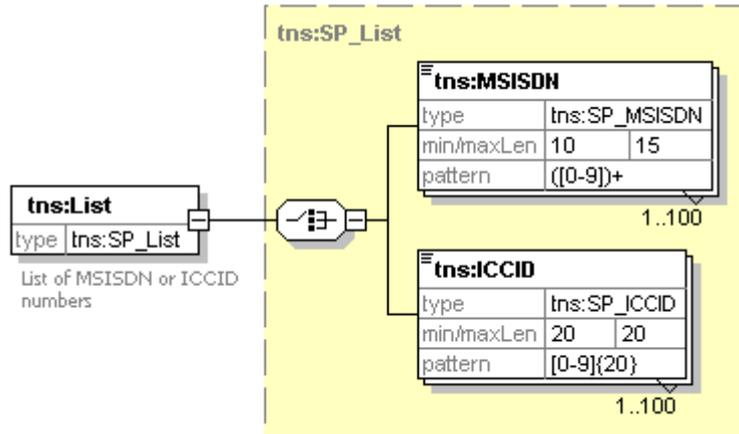
properties isRef 0
content simple

facets minLength 1
maxLength 160

annotation documentation
 Message text limited to 160 Characters
 source `<element name="ShortMessageText" type="tns:SP_ShortMessageText">`
`<annotation>`
`<documentation>Message text limited to 160 Characters</documentation>`
`</annotation>`
`</element>`

5.51 element OBSendSMS/List

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_List](#)

properties isRef 0
content complex

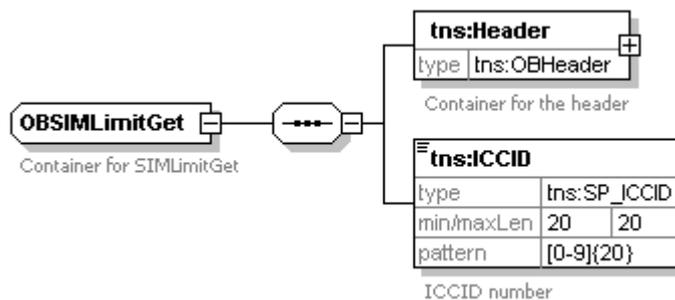
children [tns:MSISDN](#) [tns:ICCID](#)

annotation documentation
List of MSISDN or ICCID numbers

source `<element name="List" type="tns:SP_List">`
`<annotation>`
`<documentation>List of MSISDN or ICCID numbers</documentation>`
`</annotation>`
`</element>`

5.52 complexType OBSIMLimitGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

used by element [SIMLimitGet](#)

annotation documentation
Container for SIMLimitGet

source `<complexType name="OBSIMLimitGet">`
`<annotation>`
`<documentation>Container for SIMLimitGet</documentation>`
`</annotation>`
`<sequence>`
`<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`

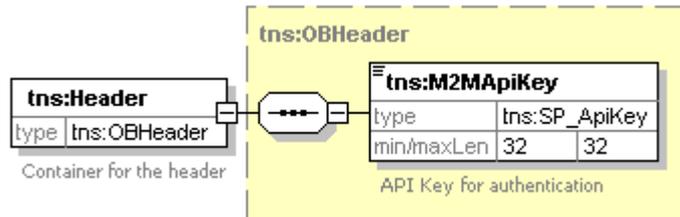
```

</annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

5.53 element OBSIMLimitGet/Header

diagram



namespace `http://m2m-ws.telekom.de/M2MMon`

type [tns:OBHeader](#)

properties
 isRef 0
 content complex

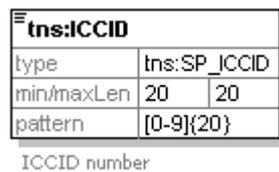
children [tns:M2MApiKey](#)

annotation
 documentation
 Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

5.54 element OBSIMLimitGet/ICCID

diagram



namespace `http://m2m-ws.telekom.de/M2MMon`

type [tns:SP_ICCID](#)

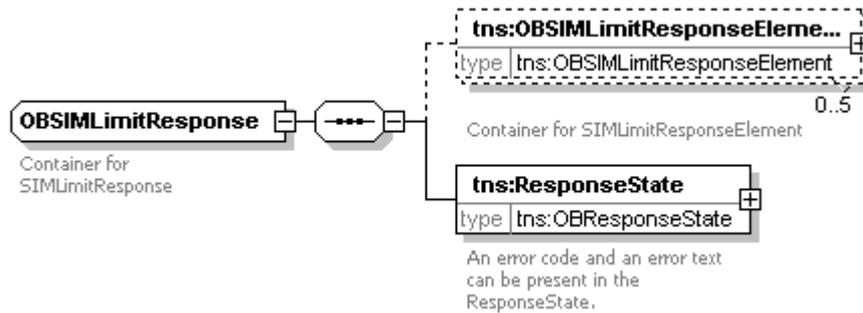
properties
 isRef 0
 content simple
 facets
 minLength 20
 maxLength 20
 pattern [0-9]{20}

annotation
 documentation
 ICCID number

source `<element name="ICCID" type="tns:SP_ICCID">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`

5.55 complexType OBSIMLimitResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:OBSIMLimitResponseElements](#) [tns:ResponseState](#)

used by element [SIMLimitResponse](#)

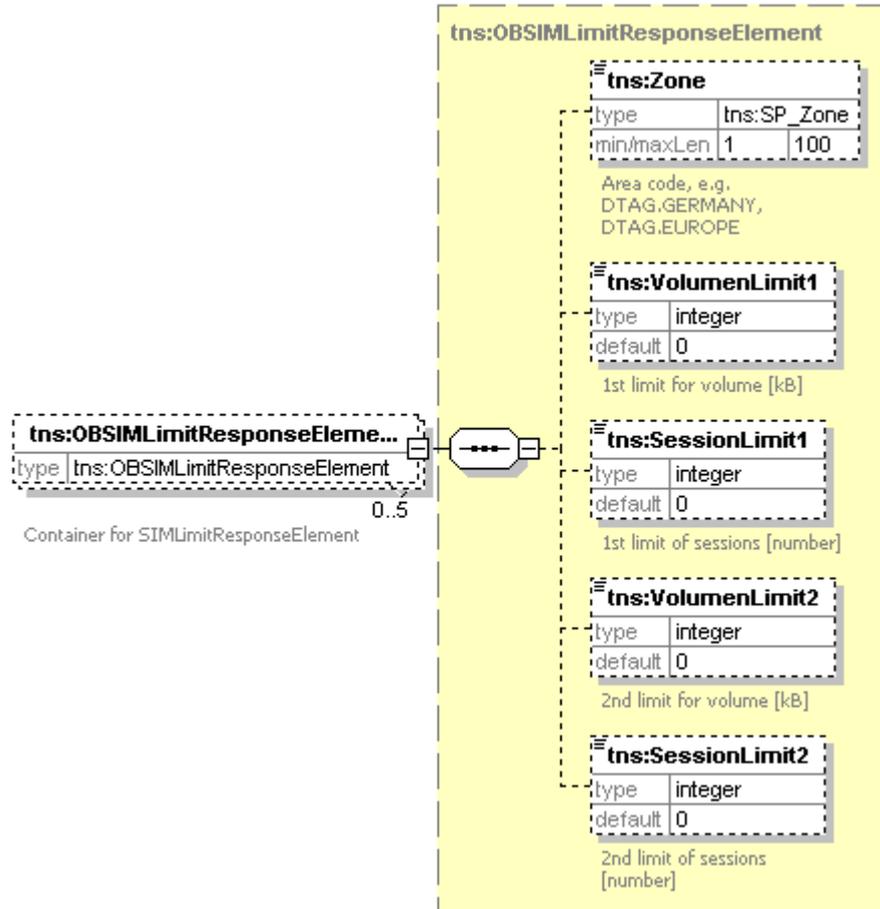
annotation documentation
Container for SIMLimitResponse

```

source <complexType name="OBSIMLimitResponse">
  <annotation>
    <documentation>Container for SIMLimitResponse</documentation>
  </annotation>
  <sequence>
    <element name="OBSIMLimitResponseElements" type="tns:OBSIMLimitResponseElement" minOccurs="0"
maxOccurs="5">
      <annotation>
        <documentation>Container for SIMLimitResponseElement</documentation>
      </annotation>
    </element>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>An error code and an error text can be present in the ResponseState.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
  
```

5.56 element OBSIMLimitResponse/OBSIMLimitResponseElements

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitResponseElement](#)

properties
 isRef 0
 minOcc 0
 maxOcc 5
 content complex

children [tns:Zone](#) [tns:VolumenLimit1](#) [tns:SessionLimit1](#) [tns:VolumenLimit2](#) [tns:SessionLimit2](#)

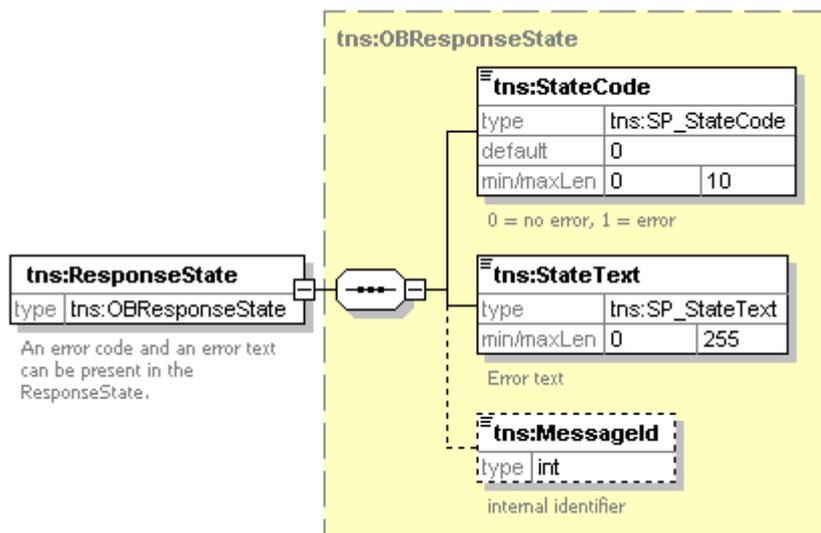
annotation
 documentation
 Container for SIMLimitResponseElement

source

```
<element name="OBSIMLimitResponseElements" type="tns:OBSIMLimitResponseElement" minOccurs="0" maxOccurs="5">
  <annotation>
    <documentation>Container for SIMLimitResponseElement</documentation>
  </annotation>
</element>
```

5.57 element OBSIMLimitResponse/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

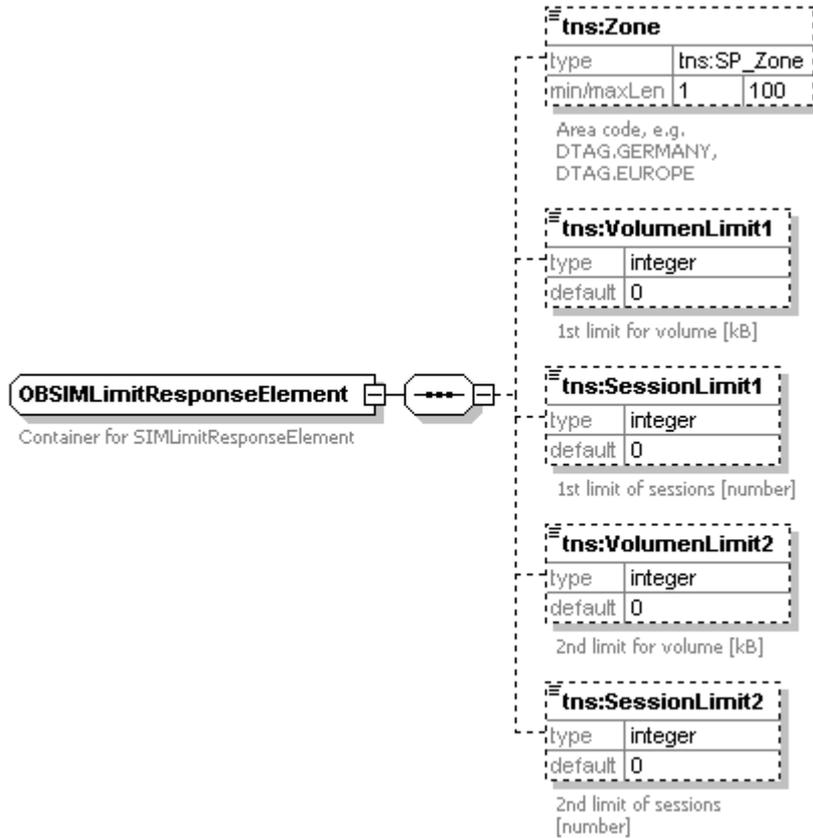
children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
An error code and an error text can be present in the ResponseState.

source `<element name="ResponseState" type="tns:OBResponseState">
<annotation>
<documentation>An error code and an error text can be present in the ResponseState.</documentation>
</annotation>
</element>`

5.58 complexType OBSIMLimitResponseElement

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Zone](#) [tns:VolumenLimit1](#) [tns:SessionLimit1](#) [tns:VolumenLimit2](#) [tns:SessionLimit2](#)

used by element [OBSIMLimitResponse/OBSIMLimitResponseElements](#)

annotation documentation
Container for SIMLimitResponseElement

```

source <complexType name="OBSIMLimitResponseElement">
  <annotation>
    <documentation>Container for SIMLimitResponseElement</documentation>
  </annotation>
  <sequence>
    <element name="Zone" type="tns:SP_Zone" minOccurs="0">
      <annotation>
        <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
      </annotation>
    </element>
    <!-- TOTHINK -->
    <element name="VolumenLimit1" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>1st limit for volume [kB]</documentation>
      </annotation>
    </element>
    <element name="SessionLimit1" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>1st limit of sessions [number]</documentation>
      </annotation>
    </element>
    <element name="VolumenLimit2" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>2nd limit for volume [kB]</documentation>
      </annotation>
    </element>
    <element name="SessionLimit2" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>2nd limit of sessions [number]</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

5.59 element OBSIMLimitResponseElement/Zone



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_Zone](#)

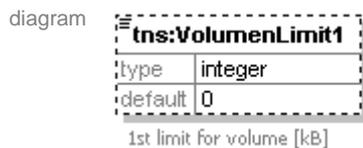
properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
minLength 1
maxLength 100

documentation
Area code, e.g. DTAG.GERMANY, DTAG.EUROPE

source `<element name="Zone" type="tns:SP_Zone" minOccurs="0">
<annotation>
<documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
</annotation>
</element>`

5.60 element OBSIMLimitResponseElement/VolumenLimit1



namespace <http://m2m-ws.telekom.de/M2MMon>

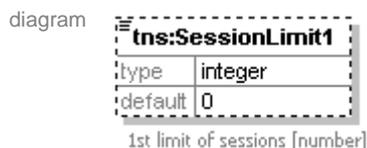
type **integer**

properties
isRef 0
minOcc 0
maxOcc 1
content simple
default 0

documentation
1st limit for volume [kB]

source `<element name="VolumenLimit1" type="integer" default="0" minOccurs="0">
<annotation>
<documentation>1st limit for volume [kB]</documentation>
</annotation>
</element>`

5.61 element OBSIMLimitResponseElement/SessionLimit1



namespace <http://m2m-ws.telekom.de/M2MMon>

type **integer**

properties
isRef 0
minOcc 0
maxOcc 1
content simple
default 0

documentation
1st limit of sessions [number]

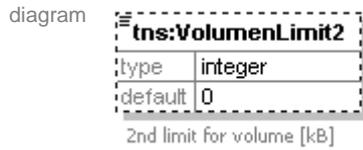
source `<element name="SessionLimit1" type="integer" default="0" minOccurs="0">`

```

<annotation>
  <documentation>1st limit of sessions [number]</documentation>
</annotation>
</element>

```

5.62 element OBSIMLimitResponseElement/VolumenLimit2



namespace <http://m2m-ws.telekom.de/M2MMon>

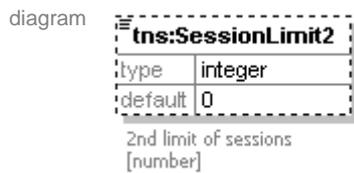
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 2nd limit for volume [kB]

source `<element name="VolumenLimit2" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit for volume [kB]</documentation>`
`</annotation>`
`</element>`

5.63 element OBSIMLimitResponseElement/SessionLimit2



namespace <http://m2m-ws.telekom.de/M2MMon>

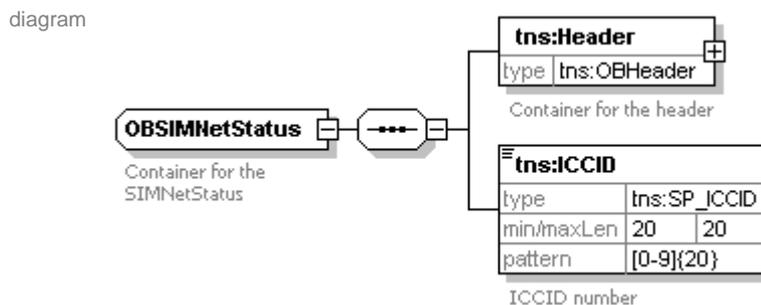
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 2nd limit of sessions [number]

source `<element name="SessionLimit2" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit of sessions [number]</documentation>`
`</annotation>`
`</element>`

5.64 complexType OBSIMNetStatus



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

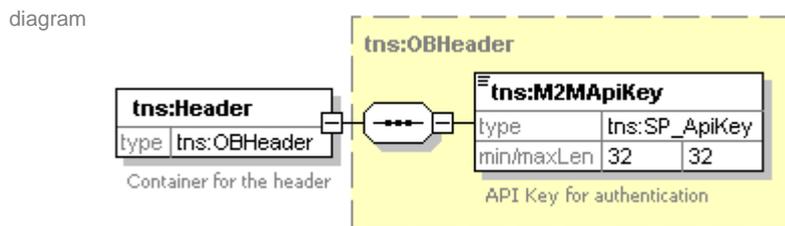
used by element [SIMStatusGet](#)

documentation
Container for the SIMNetStatus

source

```
<complexType name="OBSIMNetStatus">
  <annotation>
    <documentation>Container for the SIMNetStatus</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

5.65 element OBSIMNetStatus/Header



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

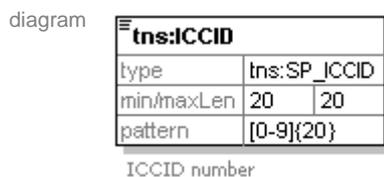
children [tns:M2MApiKey](#)

documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

5.66 element OBSIMNetStatus/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

documentation
ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

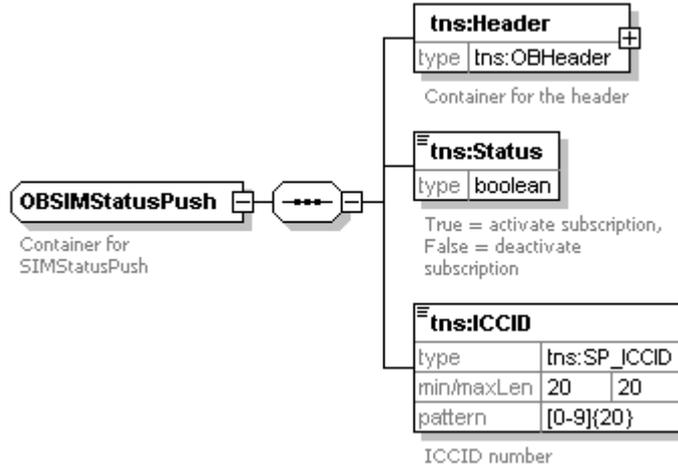
```

</annotation>
</element>

```

5.67 complexType OBSIMStatusPush

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:Status](#) [tns:ICCID](#)

used by element [SIMStatusPush](#)

annotation documentation
Container for SIMStatusPush

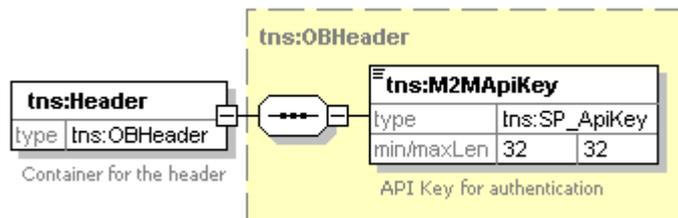
```

source <complexType name="OBSIMStatusPush">
  <annotation>
    <documentation>Container for SIMStatusPush</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="Status" type="boolean">
      <annotation>
        <documentation>True = activate subscription, False = deactivate subscription</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

5.68 element OBSIMStatusPush/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

5.69 element OBSIMStatusPush/Status



namespace `http://m2m-ws.telekom.de/M2MMon`

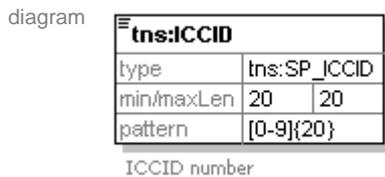
type **boolean**

properties isRef 0
content simple

annotation documentation
True = activate subscription, False = deactivate subscription

source `<element name="Status" type="boolean">
<annotation>
<documentation>True = activate subscription, False = deactivate subscription</documentation>
</annotation>
</element>`

5.70 element OBSIMStatusPush/ICCID



namespace `http://m2m-ws.telekom.de/M2MMon`

type **tns:SP_ICCID**

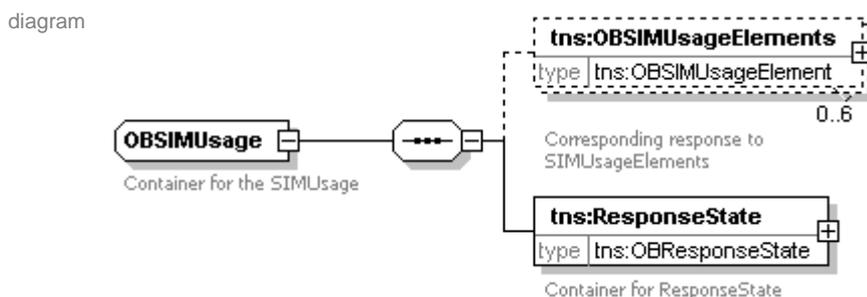
properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

5.71 complexType OBSIMUsage



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:OBSIMUsageElements](#) [tns:ResponseState](#)

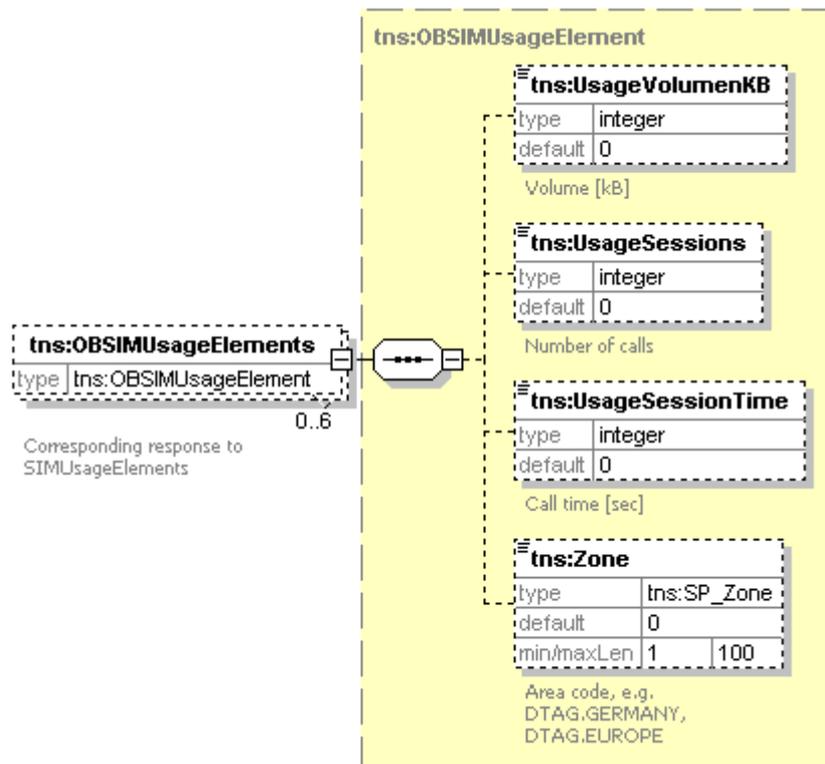
used by element [SIMUsageResponse](#)

documentation
Container for the SIMUsage

```
source <complexType name="OBSIMUsage">
  <annotation>
    <documentation>Container for the SIMUsage</documentation>
  </annotation>
  <sequence>
    <element name="OBSIMUsageElements" type="tns:OBSIMUsageElement" minOccurs="0" maxOccurs="6">
      <annotation>
        <documentation>Corresponding response to SIMUsageElements</documentation>
      </annotation>
    </element>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>Container for ResponseState</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

5.72 element OBSIMUsage/OBSIMUsageElements

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMUsageElement](#)

properties
isRef 0
minOcc 0
maxOcc 6
content complex

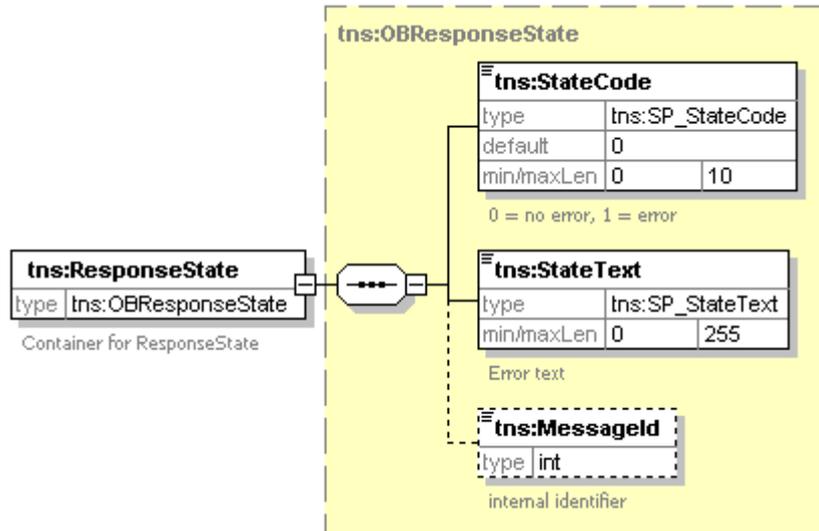
children [tns:UsageVolumenKB](#) [tns:UsageSessions](#) [tns:UsageSessionTime](#) [tns:Zone](#)

documentation
Corresponding response to SIMUsageElements

```
source <element name="OBSIMUsageElements" type="tns:OBSIMUsageElement" minOccurs="0" maxOccurs="6">
  <annotation>
    <documentation>Corresponding response to SIMUsageElements</documentation>
  </annotation>
</element>
```

5.73 element OBSIMUsage/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties
isRef 0
content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

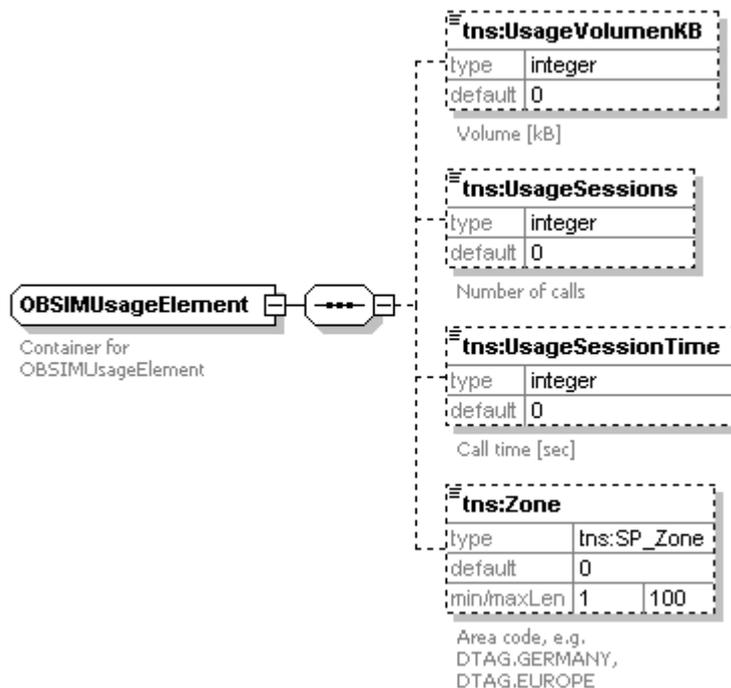
annotation
documentation
Container for ResponseState

```

source <element name="ResponseState" type="tns:OBResponseState">
  <annotation>
    <documentation>Container for ResponseState</documentation>
  </annotation>
</element>
  
```

5.74 complexType OBSIMUsageElement

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:UsageVolumenKB](#) [tns:UsageSessions](#) [tns:UsageSessionTime](#) [tns:Zone](#)

used by element [OBSIMUsage/OBSIMUsageElements](#)

documentation
Container for OBSIMUsageElement

source

```
<complexType name="OBSIMUsageElement">
  <annotation>
    <documentation>Container for OBSIMUsageElement</documentation>
  </annotation>
  <sequence>
    <element name="UsageVolumenKB" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Volume [kB]</documentation>
      </annotation>
    </element>
    <element name="UsageSessions" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Number of calls</documentation>
      </annotation>
    </element>
    <element name="UsageSessionTime" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Call time [sec]</documentation>
      </annotation>
    </element>
    <element name="Zone" type="tns:SP_Zone" default="0" minOccurs="0">
      <annotation>
        <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
      </annotation>
    </element>
    <!-- TOTHINK -->
  </sequence>
</complexType>
```

5.75 element OBSIMUsageElement/UsageVolumenKB



namespace <http://m2m-ws.telekom.de/M2MMon>

type **integer**

properties

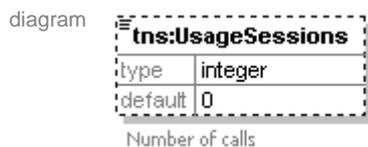
- isRef 0
- minOcc 0
- maxOcc 1
- content simple
- default 0

documentation
Volume [kB]

source

```
<element name="UsageVolumenKB" type="integer" default="0" minOccurs="0">
  <annotation>
    <documentation>Volume [kB]</documentation>
  </annotation>
</element>
```

5.76 element OBSIMUsageElement/UsageSessions



namespace <http://m2m-ws.telekom.de/M2MMon>

type **integer**

properties

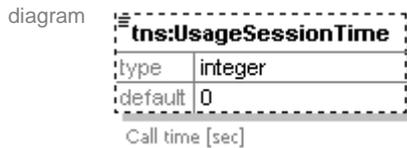
- isRef 0
- minOcc 0
- maxOcc 1
- content simple
- default 0

documentation

Number of calls

```
source <element name="UsageSessions" type="integer" default="0" minOccurs="0">
  <annotation>
    <documentation>Number of calls</documentation>
  </annotation>
</element>
```

5.77 element OBSIMUsageElement/UsageSessionTime



namespace <http://m2m-ws.telekom.de/M2MMon>

type **integer**

properties

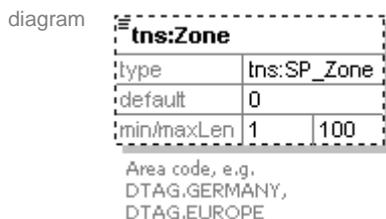
- isRef 0
- minOcc 0
- maxOcc 1
- content simple
- default 0

annotation

- documentation
- Call time [sec]

```
source <element name="UsageSessionTime" type="integer" default="0" minOccurs="0">
  <annotation>
    <documentation>Call time [sec]</documentation>
  </annotation>
</element>
```

5.78 element OBSIMUsageElement/Zone



namespace <http://m2m-ws.telekom.de/M2MMon>

type **tns:SP_Zone**

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple
- default 0

facets

- minLength 1
- maxLength 100

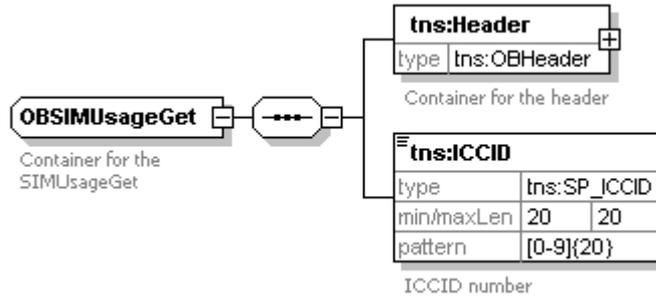
annotation

- documentation
- Area code, e.g. DTAG.GERMANY, DTAG.EUROPE

```
source <element name="Zone" type="tns:SP_Zone" default="0" minOccurs="0">
  <annotation>
    <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
  </annotation>
</element>
```

5.79 complexType OBSIMUsageGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

used by element [SIMUsageGet](#)

annotation documentation
Container for the SIMUsageGet

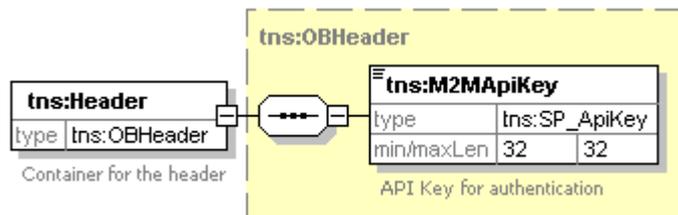
```

source <complexType name="OBSIMUsageGet">
  <annotation>
    <documentation>Container for the SIMUsageGet</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

5.80 element OBSIMUsageGet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

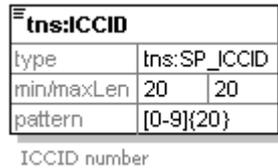
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

5.81 element OBSIMUsageGet/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

documentation
ICCID number

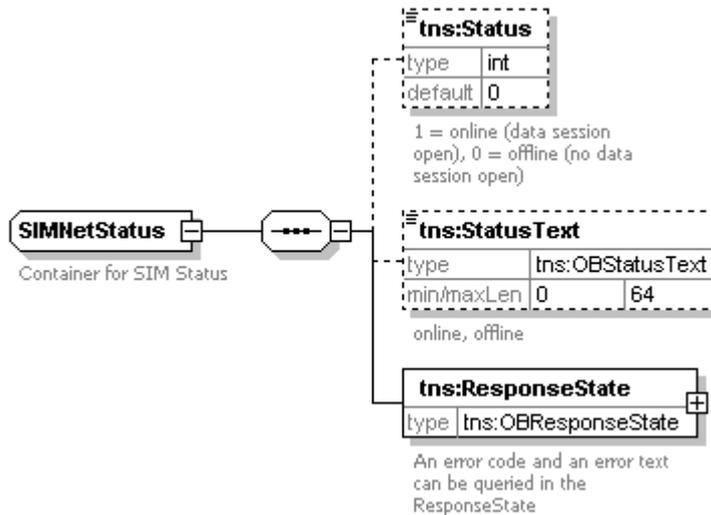
```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>

```

5.82 complexType SIMNetStatus

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Status](#) [tns:StatusText](#) [tns:ResponseState](#)

used by element [SIMStatusResponse](#)

documentation
Container for SIM Status

```

source <complexType name="SIMNetStatus">
  <annotation>
    <documentation>Container for SIM Status</documentation>
  </annotation>
  <sequence>
    <element name="Status" type="int" default="0" minOccurs="0">
      <annotation>
        <documentation>1 = online (data session open), 0 = offline (no data session open)</documentation>
      </annotation>
    </element>
    <element name="StatusText" type="tns:OBStatusText" minOccurs="0">
      <annotation>
        <documentation>online, offline</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

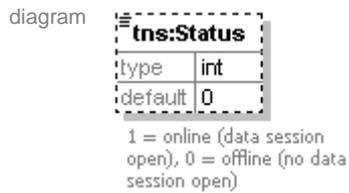
```

```

<element name="ResponseState" type="tns:OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

5.83 element SIMNetStatus/Status



namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple
default	0

annotation

documentation
1 = online (data session open), 0 = offline (no data session open)

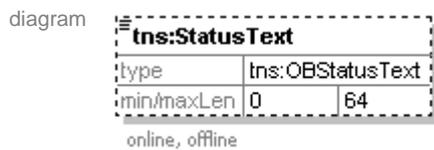
source

```

<element name="Status" type="int" default="0" minOccurs="0">
  <annotation>
    <documentation>1 = online (data session open), 0 = offline (no data session open)</documentation>
  </annotation>
</element>

```

5.84 element SIMNetStatus/StatusText



namespace <http://m2m-ws.telekom.de/M2MMon>

type **tns:OBStatusText**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple
minLength	0
maxLength	64

facets

annotation

documentation
online, offline

source

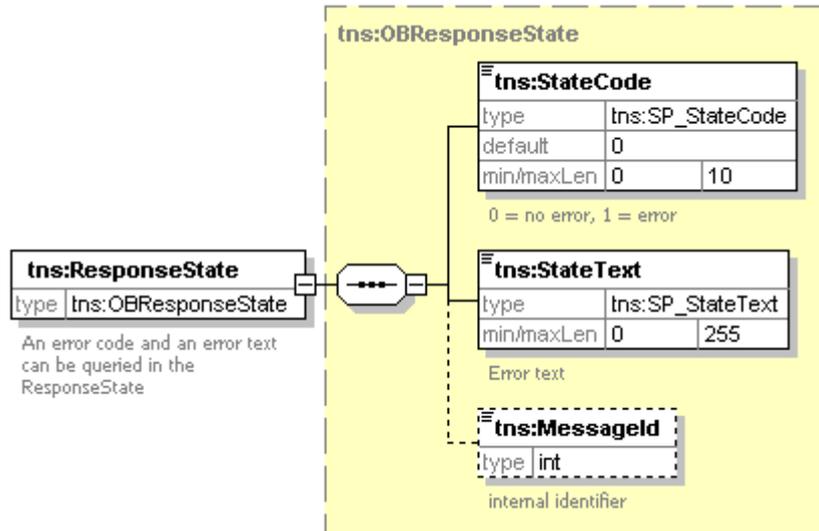
```

<element name="StatusText" type="tns:OBStatusText" minOccurs="0">
  <annotation>
    <documentation>online, offline</documentation>
  </annotation>
</element>

```

5.85 element SIMNetStatus/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

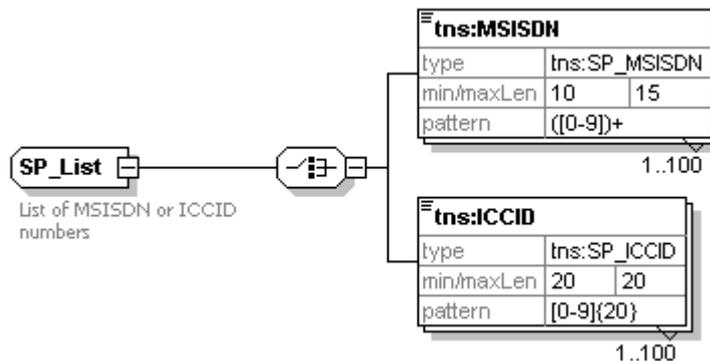
annotation documentation
An error code and an error text can be queried in the ResponseState

source

```
<element name="ResponseState" type="tns:OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState</documentation>
  </annotation>
</element>
```

5.86 complexType SP_List

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:MSISDN](#) [tns:ICCID](#)

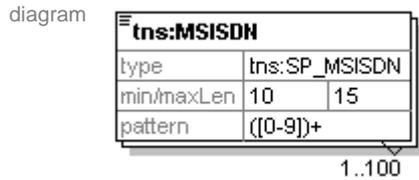
used by element [OBSendSMS/List](#)

annotation documentation
List of MSISDN or ICCID numbers

source

```
<complexType name="SP_List">
  <annotation>
    <documentation>List of MSISDN or ICCID numbers</documentation>
  </annotation>
  <choice>
    <element name="MSISDN" type="tns:SP_MSISDN" maxOccurs="100"/>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
  </choice>
</complexType>
```

5.87 element SP_List/MSISDN



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_MSISDN](#)

properties

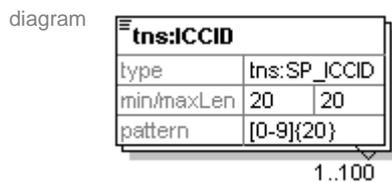
- isRef 0
- minOcc 1
- maxOcc 100
- content simple

facets

- minLength 10
- maxLength 15
- pattern ([0-9])+

source `<element name="MSISDN" type="tns:SP_MSISDN" maxOccurs="100"/>`

5.88 element SP_List/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties

- isRef 0
- minOcc 1
- maxOcc 100
- content simple

facets

- minLength 20
- maxLength 20
- pattern [0-9]{20}

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>`

5.89 simpleType OBStatusText

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [SIMNetStatus/StatusText](#)

facets

- minLength 0
- maxLength 64

annotation

- documentation Container for SIM Status

source `<simpleType name="OBStatusText">
<annotation>
<documentation>Container for SIM Status</documentation>
</annotation>
<restriction base="string">
<maxLength value="64"/>
<minLength value="0"/>
</restriction>
</simpleType>`

5.90 simpleType SP_ApiKey

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBHeader/M2MApiKey](#)

facets minLength 32
maxLength 32

annotation documentation
API Key for authentication

source `<simpleType name="SP_ApiKey">
<annotation>
<documentation>API Key for authentication</documentation>
</annotation>
<restriction base="string">
<maxLength value="32"/>
<minLength value="32"/>
</restriction>
</simpleType>`

5.91 simpleType SP_APNAddress

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBAPNParametersGet/APNAddress](#)

facets minLength 1
maxLength 63

annotation documentation
Private APN Name. Can only be set if static IP or Private APN was subscribed

source `<simpleType name="SP_APNAddress">
<annotation>
<documentation>Private APN Name. Can only be set if static IP or Private APN was subscribed</documentation>
</annotation>
<restriction base="string">
<maxLength value="63"/>
<minLength value="1"/>
</restriction>
</simpleType>`

5.92 simpleType SP_ICCID

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigList/ICCID](#) [OBSIMNetStatus/ICCID](#) [OBSIMStatusPush/ICCID](#)
[OBSIMUsageGet/ICCID](#) [OBSIMLimitGet/ICCID](#) [SP_List/ICCID](#)
[OBGetSIMConfigAccessResponse/ICCID](#)

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<simpleType name="SP_ICCID">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
<restriction base="string">
<maxLength value="20"/>
<minLength value="20"/>
<pattern value="[0-9]{20}"/>
</restriction>
</simpleType>`

5.93 simpleType SP_IMSI

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigList/IMSI](#) [OBGetSIMConfigAccessResponse/IMSI](#)

facets minLength 10
maxLength 15
pattern (([0-9])⁺)

annotation documentation
IMSI number

```

source <simpleType name="SP_IMSI">
  <annotation>
    <documentation>IMSI number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9]+)/>
  </restriction>
</simpleType>

```

5.94 simpleType SP_IPAddress

```

namespace http://m2m-ws.telekom.de/M2MMon
  type restriction of string
used by elements OBGetSIMConfigAccessRequest/IPAddress OBAPNParametersGet/IPAddress
facets pattern |(((([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])\.)\{3}([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])))
annotation documentation
  Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was
  subscribed
source <simpleType name="SP_IPAddress">
  <annotation>
    <documentation>Static IP address, if not present or empty, the address already configured is deleted. Can only be set
    if static IP was subscribed</documentation>
  </annotation>
  <restriction base="string">
    <pattern value="|(((([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])\.)\{3}([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])))"/>
  </restriction>
</simpleType>

```

5.95 simpleType SP_LAPassword

```

namespace http://m2m-ws.telekom.de/M2MMon
  type restriction of string
used by element OBSendSMS/LAPassword
facets minLength 1
  maxLength 80
annotation documentation
  Large Account Password
source <simpleType name="SP_LAPassword">
  <annotation>
    <documentation>Large Account Password</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="80"/>
    <minLength value="1"/>
  </restriction>
</simpleType>

```

5.96 simpleType SP_LargeAccountId

```

namespace http://m2m-ws.telekom.de/M2MMon
  type long
used by element OBSendSMS/LargeAccountId
annotation documentation
  ID of Large Account registered for partner
source <simpleType name="SP_LargeAccountId">
  <annotation>
    <documentation>ID of Large Account registered for partner</documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>

```

5.97 simpleType SP_MessageType

namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

used by element [OBSendSMS/MessageType](#)

annotation documentation
Constant. Value = 3

source

```
<simpleType name="SP_MessageType">
  <annotation>
    <documentation>Constant. Value = 3</documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>
```

5.98 simpleType SP_MSISDN

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigList/MSISDN SP_List/MSISDN](#) [OBGetSIMConfigAccessResponse/MSISDN](#)

facets minLength 10
maxLength 15
pattern ([0-9])+

annotation documentation
MSISDN number

source

```
<simpleType name="SP_MSISDN">
  <annotation>
    <documentation>MSISDN number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9])+"/>
  </restriction>
</simpleType>
```

5.99 simpleType SP_NotificationRequest

namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

used by element [OBSendSMS/NotificationRequest](#)

annotation documentation
Constant. Value = 1

source

```
<simpleType name="SP_NotificationRequest">
  <annotation>
    <documentation>Constant. Value = 1</documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>
```

5.100 simpleType SP_NotificationType

namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

used by element [OBSendSMS/NotificationType](#)

annotation documentation
Constant. Value = 7

source

```
<simpleType name="SP_NotificationType">
  <annotation>
    <documentation>Constant. Value = 7</documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>
```

5.101 simpleType SP_ShortMessageText

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBSendSMS/ShortMessageText](#)

facets
minLength 1
maxLength 160

annotation
documentation
Message text limited to 160 Characters

source

```
<simpleType name="SP_ShortMessageText">
  <annotation>
    <documentation>Message text limited to 160 Characters</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="160"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

5.102 simpleType SP_StateCode

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBResponseState/StateCode](#)

facets
minLength 0
maxLength 10

annotation
documentation
0 = no error, 1 = error

source

```
<simpleType name="SP_StateCode">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="10"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

5.103 simpleType SP_StateText

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBResponseState/StateText](#)

facets
minLength 0
maxLength 255

annotation
documentation
Error text

source

```
<simpleType name="SP_StateText">
  <annotation>
    <documentation>Error text</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

5.104 simpleType SP_ValidityPeriod

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by element [OBSendSMS/ValidityPeriod](#)

facets
minLength 1
maxLength 10

annotation documentation
Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.

source `<simpleType name="SP_ValidityPeriod">
<annotation>
<documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
</annotation>
<restriction base="string">
<maxLength value="10"/>
<minLength value="1"/>
</restriction>
</simpleType>`

5.105 simpleType SP_Zone

namespace `http://m2m-ws.telekom.de/M2MMon`

type restriction of **string**

used by elements [OBSIMUsageElement/Zone](#) [OBSIMLimitResponseElement/Zone](#)

facets
minLength 1
maxLength 100

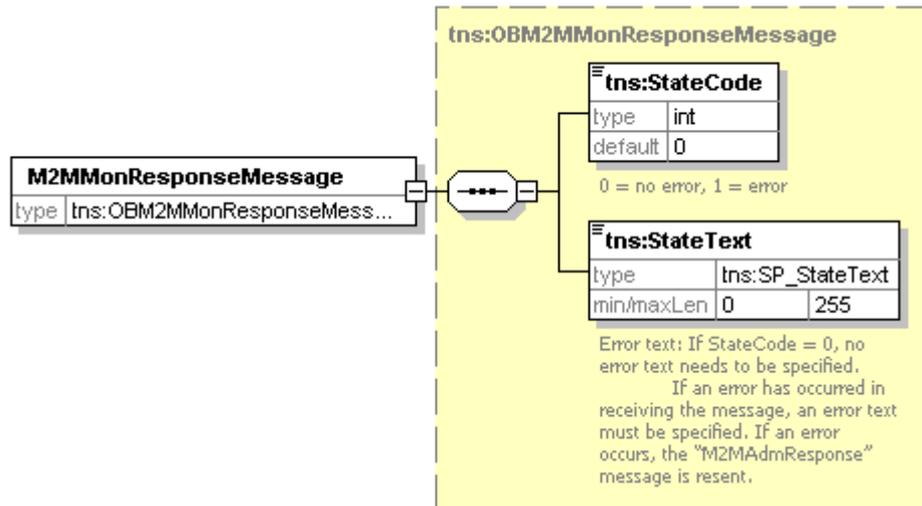
annotation documentation
Area code, e.g. DTAG.GERMANY, DTAG.EUROPE

source `<simpleType name="SP_Zone">
<annotation>
<documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
</annotation>
<restriction base="string">
<maxLength value="100"/>
<minLength value="1"/>
</restriction>
</simpleType>`

6 M2MMonCI (Client) Web Service

6.1 element M2MMonResponseMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:OBM2MMonResponseMessage](#)

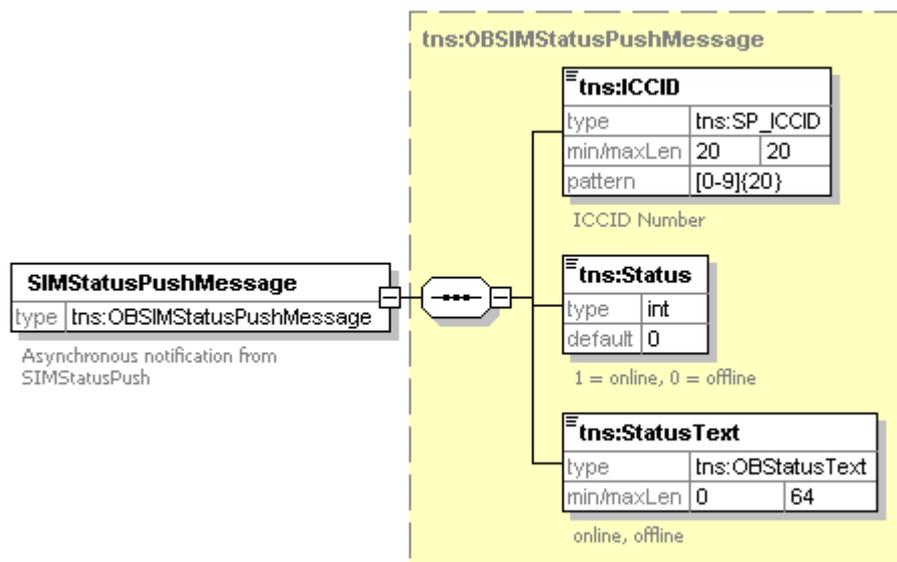
properties content complex

children [tns:StateCode](#) [tns:StateText](#)

source `<element name="M2MMonResponseMessage" type="tns:OBM2MMonResponseMessage"/>`

6.2 element SIMStatusPushMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:OBSIMStatusPushMessage](#)

properties content complex

children [tns:ICCID](#) [tns:Status](#) [tns:StatusText](#)

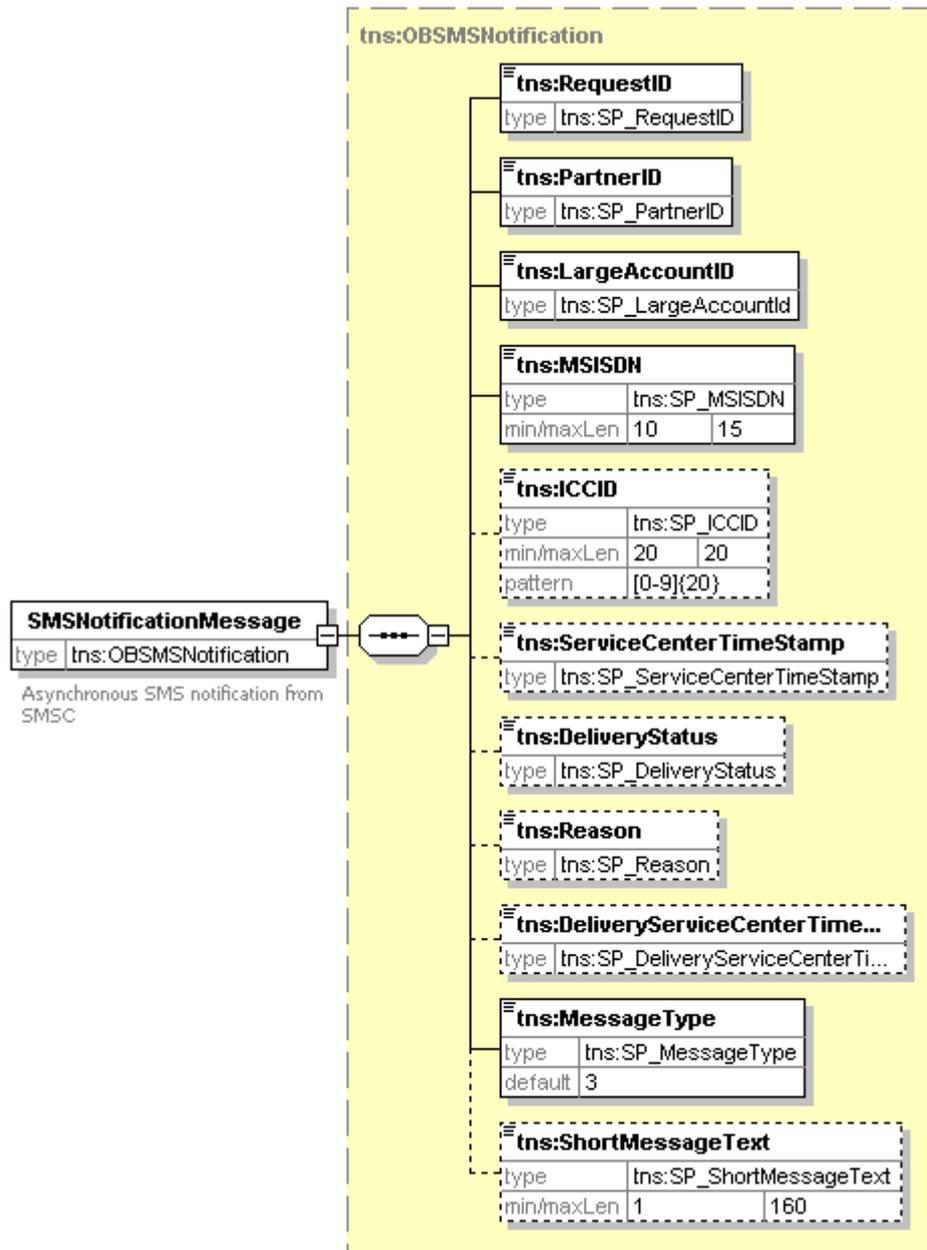
annotation documentation
Asynchronous notification from SIMStatusPush

source `<element name="SIMStatusPushMessage" type="tns:OBSIMStatusPushMessage">
<annotation>
<documentation>Asynchronous notification from SIMStatusPush</documentation>
</annotation>`

</element>

6.3 element SMSNotificationMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:OBSMSNotification](#)

properties content complex

children [tns:RequestID](#) [tns:PartnerID](#) [tns:LargeAccountID](#) [tns:MSISDN](#) [tns:ICCID](#) [tns:ServiceCenterTimeStamp](#) [tns:DeliveryStatus](#) [tns:Reason](#) [tns:DeliveryServiceCenterTimeStamp](#) [tns:MessageType](#) [tns:ShortMessageText](#)

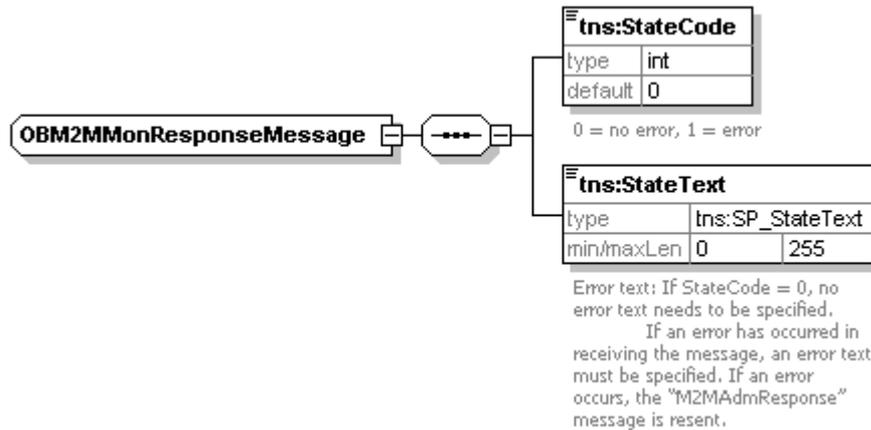
annotation documentation
Asynchronous SMS notification from SMSC

source

```
<element name="SMSNotificationMessage" type="tns:OBSMSNotification">
  <annotation>
    <documentation>Asynchronous SMS notification from SMSC</documentation>
  </annotation>
</element>
```

6.4 complexType OBM2MMonResponseMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

children [tns:StateCode](#) [tns:StateText](#)

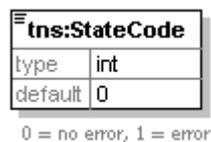
used by element [M2MMonResponseMessage](#)

source

```
<complexType name="OBM2MMonResponseMessage">
  <sequence>
    <element name="StateCode" type="int" default="0">
      <annotation>
        <documentation>0 = no error, 1 = error</documentation>
      </annotation>
    </element>
    <element name="StateText" type="tns:SP_StateText">
      <annotation>
        <documentation>Error text: If StateCode = 0, no error text needs to be specified.
          If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the
          "M2MAdmResponse" message is resent. </documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

6.5 element OBM2MMonResponseMessage/StateCode

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **int**

properties isRef 0
 content simple
 default 0

annotation documentation
 0 = no error, 1 = error

source

```
<element name="StateCode" type="int" default="0">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
</element>
```

6.6 element OBM2MMonResponseMessage/StateText

diagram

tns:StateText	
type	tns:SP_StateText
min/maxLen	0 255

Error text: If StateCode = 0, no error text needs to be specified.
 If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent.

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_StateText](#)

properties isRef 0
 content simple
 facets minLength 0
 maxLength 255

documentation

Error text: If StateCode = 0, no error text needs to be specified.

If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent.

source `<element name="StateText" type="tns:SP_StateText">`

`<annotation>`

`<documentation>Error text: If StateCode = 0, no error text needs to be specified.`

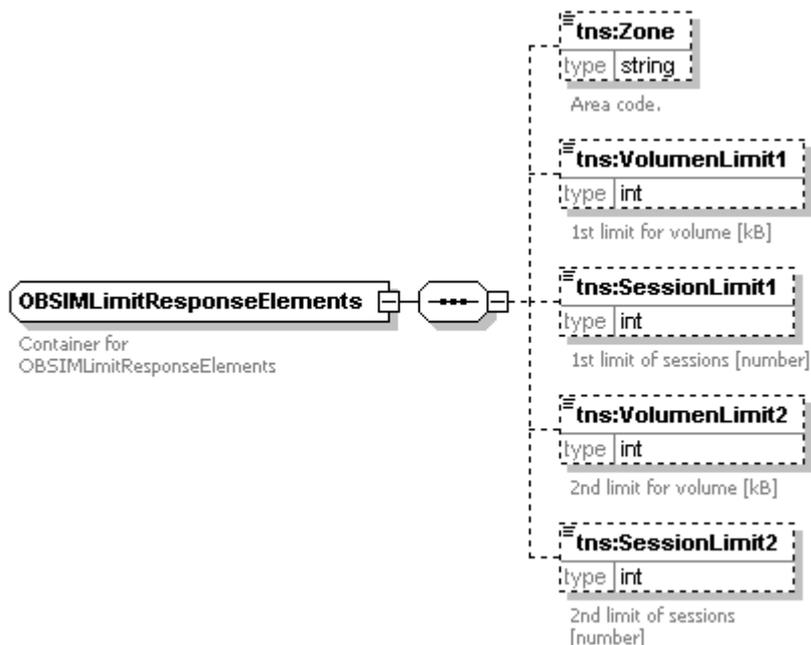
`If an error has occurred in receiving the message, an error text must be specified. If an error occurs, the "M2MAdmResponse" message is resent. </documentation>`

`</annotation>`

`</element>`

6.7 complexType OBSIMLimitResponseElements

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

children [tns:Zone](#) [tns:VolumenLimit1](#) [tns:SessionLimit1](#) [tns:VolumenLimit2](#) [tns:SessionLimit2](#)

used by element

documentation

Container for OBSIMLimitResponseElements

source `<complexType name="OBSIMLimitResponseElements">`

`<annotation>`

`<documentation>Container for OBSIMLimitResponseElements</documentation>`

`</annotation>`

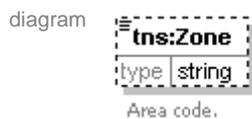
`<sequence>`

```

<element name="Zone" type="string" minOccurs="0">
  <annotation>
    <documentation>Area code.</documentation>
  </annotation>
</element>
<element name="VolumenLimit1" type="int" minOccurs="0">
  <annotation>
    <documentation>1st limit for volume [kB]</documentation>
  </annotation>
</element>
<element name="SessionLimit1" type="int" minOccurs="0">
  <annotation>
    <documentation>1st limit of sessions [number]</documentation>
  </annotation>
</element>
<element name="VolumenLimit2" type="int" minOccurs="0">
  <annotation>
    <documentation>2nd limit for volume [kB]</documentation>
  </annotation>
</element>
<element name="SessionLimit2" type="int" minOccurs="0">
  <annotation>
    <documentation>2nd limit of sessions [number]</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

6.8 element OBSIMLimitResponseElements/Zone



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **string**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation

documentation
Area code.

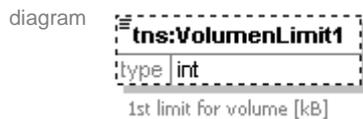
source

```

<element name="Zone" type="string" minOccurs="0">
  <annotation>
    <documentation>Area code.</documentation>
  </annotation>
</element>

```

6.9 element OBSIMLimitResponseElements/VolumenLimit1



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **int**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation

documentation
1st limit for volume [kB]

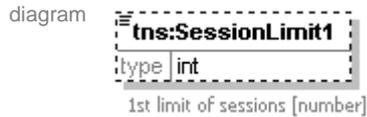
source

```

<element name="VolumenLimit1" type="int" minOccurs="0">
  <annotation>
    <documentation>1st limit for volume [kB]</documentation>
  </annotation>
</element>

```

6.10 element OBSIMLimitResponseElements/SessionLimit1



namespace `http://m2m-ws.telekom.de/M2MMonCI`

type **int**

properties

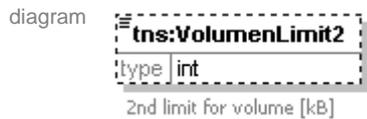
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

- documentation
- 1st limit of sessions [number]

source `<element name="SessionLimit1" type="int" minOccurs="0">`
`<annotation>`
`<documentation>1st limit of sessions [number]</documentation>`
`</annotation>`
`</element>`

6.11 element OBSIMLimitResponseElements/VolumenLimit2



namespace `http://m2m-ws.telekom.de/M2MMonCI`

type **int**

properties

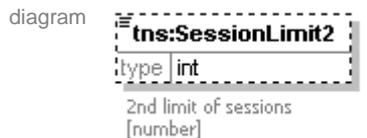
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

- documentation
- 2nd limit for volume [kB]

source `<element name="VolumenLimit2" type="int" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit for volume [kB]</documentation>`
`</annotation>`
`</element>`

6.12 element OBSIMLimitResponseElements/SessionLimit2



namespace `http://m2m-ws.telekom.de/M2MMonCI`

type **int**

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

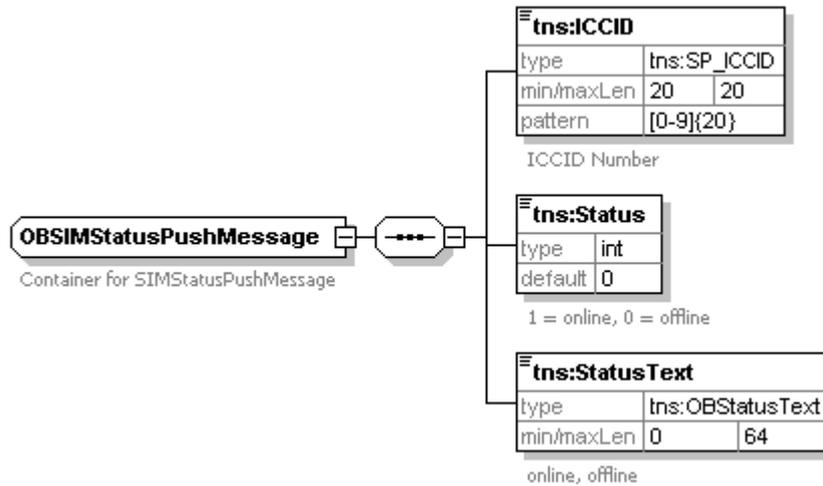
annotation

- documentation
- 2nd limit of sessions [number]

source `<element name="SessionLimit2" type="int" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit of sessions [number]</documentation>`
`</annotation>`
`</element>`

6.13 complexType OBSIMStatusPushMessage

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

children [tns:ICCID](#) [tns:Status](#) [tns:StatusText](#)

used by element [SIMStatusPushMessage](#)

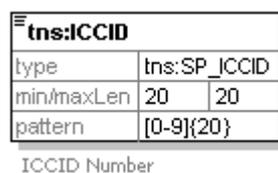
documentation
Container for SIMStatusPushMessage

```

source <complexType name="OBSIMStatusPushMessage">
  <annotation>
    <documentation>Container for SIMStatusPushMessage</documentation>
  </annotation>
  <sequence>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID Number</documentation>
      </annotation>
    </element>
    <element name="Status" type="int" default="0">
      <annotation>
        <documentation>1 = online, 0 = offline</documentation>
      </annotation>
    </element>
    <element name="StatusText" type="tns:OBStatusText">
      <annotation>
        <documentation>online, offline</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
  
```

6.14 element OBSIMStatusPushMessage/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

documentation
ICCID Number

```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
  
```

```

<documentation>ICCID Number</documentation>
</annotation>
</element>

```

6.15 element OBSIMStatusPushMessage/Status



namespace <http://m2m-ws.telekom.de/M2MMonCI>

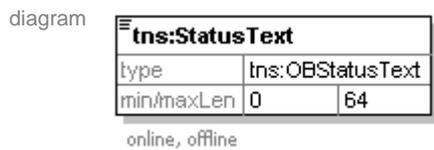
type **int**

properties
 isRef 0
 content simple
 default 0

annotation
 documentation
 1 = online, 0 = offline

source `<element name="Status" type="int" default="0">`
`<annotation>`
`<documentation>1 = online, 0 = offline</documentation>`
`</annotation>`
`</element>`

6.16 element OBSIMStatusPushMessage/StatusText



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:OBStatusText](#)

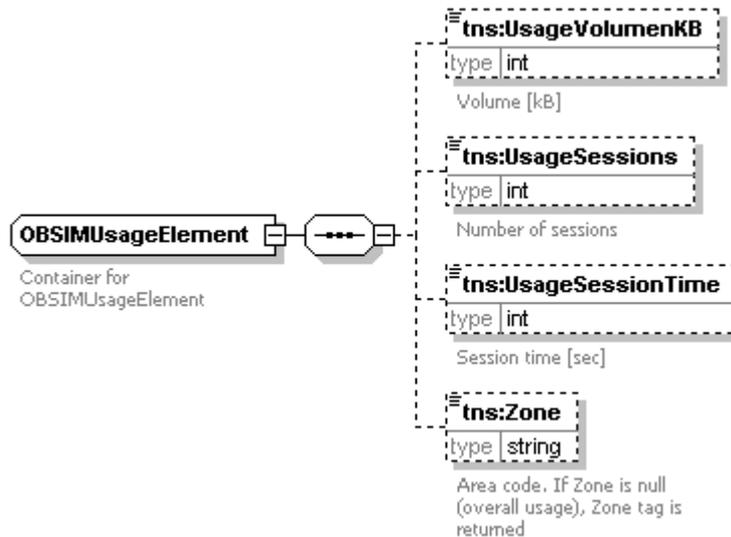
properties
 isRef 0
 content simple
 facets
 minLength 0
 maxLength 64

annotation
 documentation
 online, offline

source `<element name="StatusText" type="tns:OBStatusText">`
`<annotation>`
`<documentation>online, offline</documentation>`
`</annotation>`
`</element>`

6.17 complexType OBSIMUsageElement

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

children [tns:UsageVolumenKB](#) [tns:UsageSessions](#) [tns:UsageSessionTime](#) [tns:Zone](#)

used by element

annotation documentation
Container for OBSIMUsageElement

```

source <complexType name="OBSIMUsageElement">
  <annotation>
    <documentation>Container for OBSIMUsageElement</documentation>
  </annotation>
  <sequence>
    <element name="UsageVolumenKB" type="int" minOccurs="0">
      <annotation>
        <documentation>Volume [kB]</documentation>
      </annotation>
    </element>
    <element name="UsageSessions" type="int" minOccurs="0">
      <annotation>
        <documentation>Number of sessions</documentation>
      </annotation>
    </element>
    <element name="UsageSessionTime" type="int" minOccurs="0">
      <annotation>
        <documentation>Session time [sec]</documentation>
      </annotation>
    </element>
    <element name="Zone" type="string" minOccurs="0">
      <annotation>
        <documentation>Area code. If Zone is null (overall usage), Zone tag is returned</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

6.18 element OBSIMUsageElement/UsageVolumenKB

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **int**

properties
isRef 0
minOcc 0
maxOcc 1
content simple

annotation documentation
 Volume [kB]
 source `<element name="UsageVolumenKB" type="int" minOccurs="0">`
`<annotation>`
`<documentation>Volume [kB]</documentation>`
`</annotation>`
`</element>`

6.19 element OBSIMUsageElement/UsageSessions



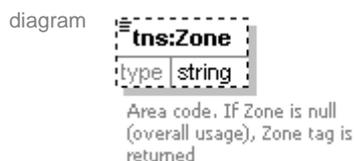
namespace `http://m2m-ws.telekom.de/M2MMonCl`
 type **int**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 annotation documentation
 Number of sessions
 source `<element name="UsageSessions" type="int" minOccurs="0">`
`<annotation>`
`<documentation>Number of sessions</documentation>`
`</annotation>`
`</element>`

6.20 element OBSIMUsageElement/UsageSessionTime



namespace `http://m2m-ws.telekom.de/M2MMonCl`
 type **int**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 annotation documentation
 Session time [sec]
 source `<element name="UsageSessionTime" type="int" minOccurs="0">`
`<annotation>`
`<documentation>Session time [sec]</documentation>`
`</annotation>`
`</element>`

6.21 element OBSIMUsageElement/Zone



namespace `http://m2m-ws.telekom.de/M2MMonCl`
 type **string**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 annotation documentation
 Area code. If Zone is null (overall usage), Zone tag is returned

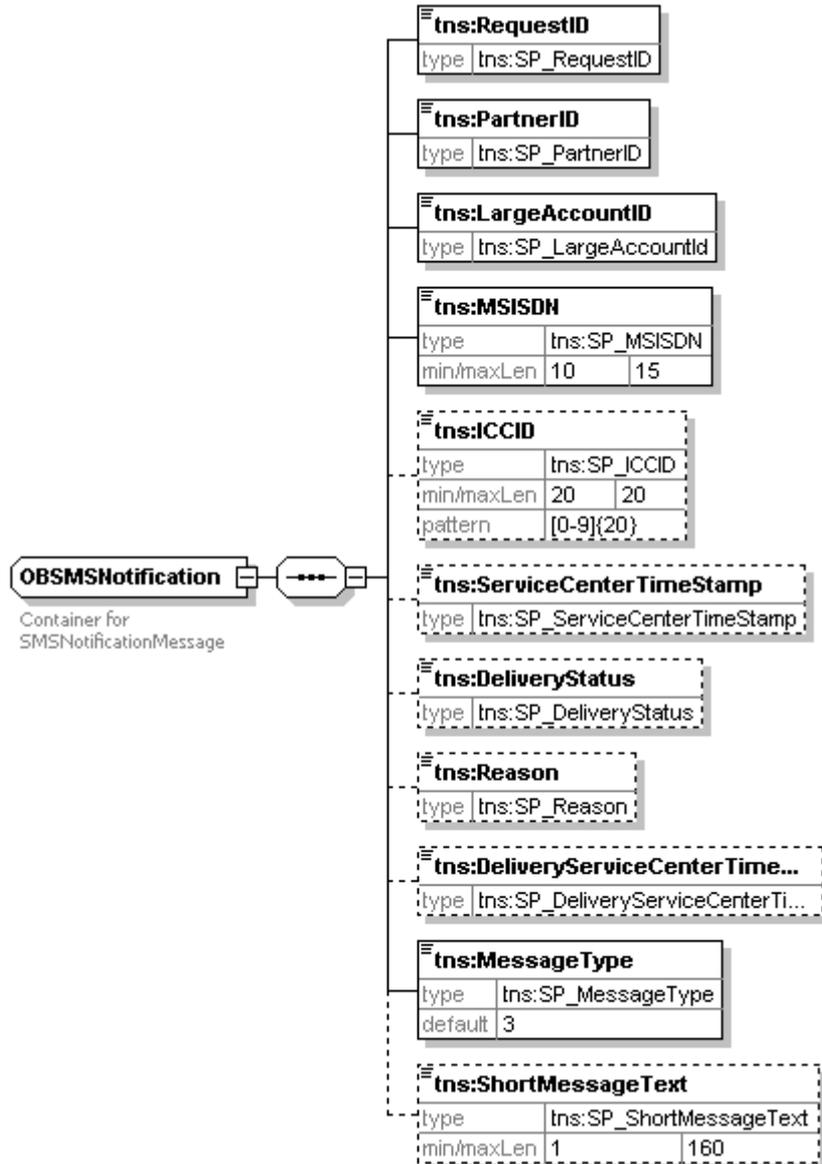
```

source <element name="Zone" type="string" minOccurs="0">
  <annotation>
    <documentation>Area code. If Zone is null (overall usage), Zone tag is returned</documentation>
  </annotation>
</element>

```

6.22 complexType OBSMSNotification

diagram



namespace <http://m2m-ws.telekom.de/M2MMonCI>

children [tns:RequestID](#) [tns:PartnerID](#) [tns:LargeAccountID](#) [tns:MSISDN](#) [tns:ICCID](#) [tns:ServiceCenterTimeStamp](#) [tns:DeliveryStatus](#) [tns:Reason](#) [tns:DeliveryServiceCenterTimeStamp](#) [tns:MessageType](#) [tns:ShortMessageText](#)

used by element [SMSNotificationMessage](#)

annotation documentation
Container for SMSNotificationMessage

```

source <complexType name="OBSMSNotification">
  <annotation>
    <documentation>Container for SMSNotificationMessage</documentation>
  </annotation>
  <sequence>
    <element name="RequestID" type="tns:SP_RequestID"/>
    <element name="PartnerID" type="tns:SP_PartnerID"/>
    <element name="LargeAccountID" type="tns:SP_LargeAccountID"/>
    <element name="MSISDN" type="tns:SP_MSISDN"/>
    <element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>
    <element name="ServiceCenterTimeStamp" type="tns:SP_ServiceCenterTimeStamp" minOccurs="0"/>

```

```

<element name="DeliveryStatus" type="tns:SP_DeliveryStatus" minOccurs="0"/>
<element name="Reason" type="tns:SP_Reason" minOccurs="0"/>
<element name="DeliveryServiceCenterTimeStamp" type="tns:SP_DeliveryServiceCenterTimeStamp"
minOccurs="0"/>
<element name="MessageType" type="tns:SP_MessageType" default="3"/>
<element name="ShortMessageText" type="tns:SP_ShortMessageText" minOccurs="0"/>
</sequence>
</complexType>

```

6.23 element OBSMSNotification/RequestID



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_RequestID](#)

properties isRef 0
content simple

source `<element name="RequestID" type="tns:SP_RequestID"/>`

6.24 element OBSMSNotification/PartnerID



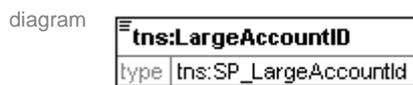
namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_PartnerID](#)

properties isRef 0
content simple

source `<element name="PartnerID" type="tns:SP_PartnerID"/>`

6.25 element OBSMSNotification/LargeAccountID



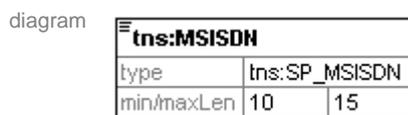
namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_LargeAccountId](#)

properties isRef 0
content simple

source `<element name="LargeAccountID" type="tns:SP_LargeAccountId"/>`

6.26 element OBSMSNotification/MSISDN



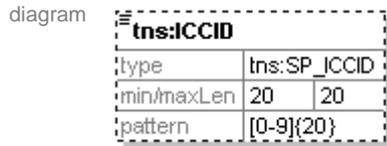
namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_MSISDN](#)

properties isRef 0
content simple
facets minLength 10
maxLength 15

source `<element name="MSISDN" type="tns:SP_MSISDN"/>`

6.27 element OBSMSNotification/ICCID



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_ICCID](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

minLength	20
maxLength	20
pattern	[0-9]{20}

source `<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>`

6.28 element OBSMSNotification/ServiceCenterTimeStamp



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_ServiceCenterTimeStamp](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="ServiceCenterTimeStamp" type="tns:SP_ServiceCenterTimeStamp" minOccurs="0"/>`

6.29 element OBSMSNotification/DeliveryStatus



namespace <http://m2m-ws.telekom.de/M2MMonCI>

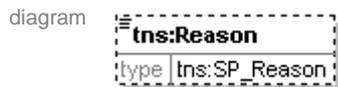
type [tns:SP_DeliveryStatus](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="DeliveryStatus" type="tns:SP_DeliveryStatus" minOccurs="0"/>`

6.30 element OBSMSNotification/Reason



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_Reason](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="Reason" type="tns:SP_Reason" minOccurs="0"/>`

6.31 element OBSMSNotification/DeliveryServiceCenterTimeStamp



namespace <http://m2m-ws.telekom.de/M2MMonCI>

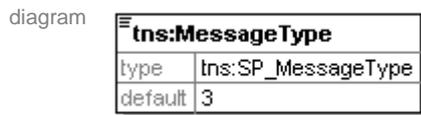
type [tns:SP_DeliveryServiceCenterTimeStamp](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="DeliveryServiceCenterTimeStamp" type="tns:SP_DeliveryServiceCenterTimeStamp" minOccurs="0"/>`

6.32 element OBSMSNotification/MessageType



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_MessageType](#)

properties

- isRef 0
- content simple
- default 3

source `<element name="MessageType" type="tns:SP_MessageType" default="3"/>`

6.33 element OBSMSNotification/ShortMessageText



namespace <http://m2m-ws.telekom.de/M2MMonCI>

type [tns:SP_ShortMessageText](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 1
- maxLength 160

source `<element name="ShortMessageText" type="tns:SP_ShortMessageText" minOccurs="0"/>`

6.34 simpleType OBStatusText

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type restriction of **string**

used by element [OBSIMStatusPushMessage/StatusText](#)

facets

- minLength 0
- maxLength 64

source `<simpleType name="OBStatusText">
<restriction base="string">
<maxLength value="64"/>
<minLength value="0"/>
</restriction>
</simpleType>`

6.35 simpleType SP_DeliveryServiceCenterTimeStamp

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **dateTime**

used by element [OBSMSNotification/DeliveryServiceCenterTimeStamp](#)

annotation documentation

Delivery time (SM delivered to the SIM card)

source

```
<simpleType name="SP_DeliveryServiceCenterTimeStamp">
  <annotation>
    <documentation>
      Delivery time (SM delivered to the SIM card)
    </documentation>
  </annotation>
  <restriction base="dateTime"/>
</simpleType>
```

6.36 simpleType SP_DeliveryStatus

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **string**

used by element [OBSMSNotification/DeliveryStatus](#)

annotation documentation

Status of the SM in the SMSC

source

```
<simpleType name="SP_DeliveryStatus">
  <annotation>
    <documentation>
      Status of the SM in the SMSC
    </documentation>
  </annotation>
  <restriction base="string"/>
</simpleType>
```

6.37 simpleType SP_ICCID

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type restriction of **string**

used by elements [OBSMSNotification/ICCID](#) [OBSIMStatusPushMessage/ICCID](#)

facets

minLength	20
maxLength	20
pattern	[0-9]{20}

annotation documentation

ICCID Number

source

```
<simpleType name="SP_ICCID">
  <annotation>
    <documentation>ICCID Number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="20"/>
    <minLength value="20"/>
    <pattern value="[0-9]{20}"/>
  </restriction>
</simpleType>
```

6.38 simpleType SP_LargeAccountID

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type **long**

used by element [OBSMSNotification/LargeAccountID](#)

annotation documentation

ID of Large Account registered for partner

```

source <simpleType name="SP_LargeAccountId">
  <annotation>
    <documentation>ID of Large Account registered for partner</documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>

```

6.39 simpleType SP_MessageType

```

namespace http://m2m-ws.telekom.de/M2MMonCl
type int
used by element OBSMSNotification/MessageType
annotation documentation
    = 3

source <simpleType name="SP_MessageType">
  <annotation>
    <documentation>
      = 3
    </documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>

```

6.40 simpleType SP_MSISDN

```

namespace http://m2m-ws.telekom.de/M2MMonCl
type restriction of string
used by element OBSMSNotification/MSISDN
facets minLength 10
      maxLength 15
source <simpleType name="SP_MSISDN">
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
  </restriction>
</simpleType>

```

6.41 simpleType SP_PartnerID

```

namespace http://m2m-ws.telekom.de/M2MMonCl
type long
used by element OBSMSNotification/PartnerID
annotation documentation
    Partner ID used in MARIMBA CRM

source <simpleType name="SP_PartnerID">
  <annotation>
    <documentation>
      Partner ID used in MARIMBA CRM
    </documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>

```

6.42 simpleType SP_Reason

```

namespace http://m2m-ws.telekom.de/M2MMonCl
type string
used by element OBSMSNotification/Reason

```

annotation documentation

Reason code to explain the status

source `<simpleType name="SP_Reason">`
`<annotation>`
`<documentation>`
Reason code to explain the status
`</documentation>`
`</annotation>`
`<restriction base="string"/>`
`</simpleType>`

6.43 simpleType SP_RequestID

namespace `http://m2m-ws.telekom.de/M2MMonCl`

type **int**

used by element [OBSMSNotification/RequestID](#)

annotation documentation

Request ID of the bulk request to which this notification belongs. Via RequestID, the notifications can be correlated to the bulk SM request to which they belong.

source `<simpleType name="SP_RequestID">`
`<annotation>`
`<documentation>`
Request ID of the bulk request to which this notification belongs. Via RequestID, the notifications can be correlated to the bulk SM request to which they belong.
`</documentation>`
`</annotation>`
`<restriction base="int"/>`
`</simpleType>`

6.44 simpleType SP_ServiceCenterTimeStamp

namespace `http://m2m-ws.telekom.de/M2MMonCl`

type **dateTime**

used by element [OBSMSNotification/ServiceCenterTimeStamp](#)

annotation documentation

Time stamp for SM acceptance at SMSC

source `<simpleType name="SP_ServiceCenterTimeStamp">`
`<annotation>`
`<documentation>`
Time stamp for SM acceptance at SMSC
`</documentation>`
`</annotation>`
`<restriction base="dateTime"/>`
`</simpleType>`

6.45 simpleType SP_ShortMessageText

namespace `http://m2m-ws.telekom.de/M2MMonCl`

type restriction of **string**

used by element [OBSMSNotification/ShortMessageText](#)

facets
minLength 1
maxLength 160

annotation documentation
Message text limited to 160 Characters

source `<simpleType name="SP_ShortMessageText">`
`<annotation>`
`<documentation>`Message text limited to 160 Characters`</documentation>`
`</annotation>`
`<restriction base="string">`
`<maxLength value="160"/>`
`</simpleType>`

```
<minLength value="1"/>
</restriction>
</simpleType>
```

6.46 simpleType SP_StateText

namespace <http://m2m-ws.telekom.de/M2MMonCI>

type restriction of **string**

used by element [OBM2MMonResponseMessage/StateText](#)

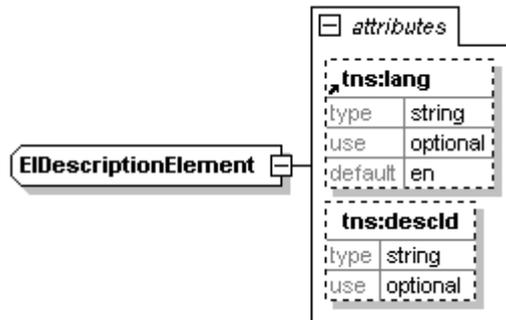
facets
minLength 0
maxLength 255

```
source <simpleType name="SP_StateText">
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

7 EI Messaging datatypes Web Service

7.1 complexType EIDescriptionElement

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type extension of **string**

properties base string

used by element [SOABException2/description](#)

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:lang		optional	en		
	tns:descld	string	optional			
annotation	documentation					

If used it contains a plain text description of the fault. This description is expected to be helpful in explaining the fault to users. There MAY be any number of description elements. SOA BP components will always issue their error messages in English.

If support for multilingual error messages if desired one may define a description id to enable a lookup for the description text in another language.

One may also use placeholders within the text to indicate that a certain variable is used.

These placeholder can be inserted in the translated text again. The syntax using placeholders in XML style is favored against the printf style placeholders as the internal application syntax for replacing fragments must not be defined.

source

```
<complexType name="EIDescriptionElement">
  <annotation>
    <documentation>
```

If used it contains a plain text description of the fault. This description is expected to be helpful in explaining the fault to users. There MAY be any number of description elements. SOA BP components will always issue their error messages in English.

If support for multilingual error messages if desired one may define a description id to enable a lookup for the description text in another language.

One may also use placeholders within the text to indicate that a certain variable is used.

These placeholder can be inserted in the translated text again. The syntax using placeholders in XML style is favored against the printf style placeholders as the internal application syntax for replacing fragments must not be defined.

```

</documentation>
</annotation>
<simpleContent>
  <extension base="string">
    <attribute ref="tns:lang" use="optional" default="en"/>
    <attribute name="descld" type="string" use="optional"/>
  </extension>
</simpleContent>
</complexType>
```

7.2 complexType EIEmpty

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

used by elements [EIEmptyResponse/data](#) [EIEmptyResponse2/data](#) [EIEmptyRequest/data](#) [EIEmptyRequest2/data](#)

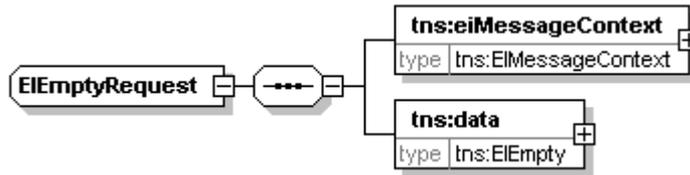
```

source <complexType name="EIMessageContext">
  <sequence>
    <!-- Note: EMPTY SEQUENCE ! -->
  </sequence>
</complexType>

```

7.3 complexType EIMessageRequest

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:EIMessageContext](#) [tns:data](#)

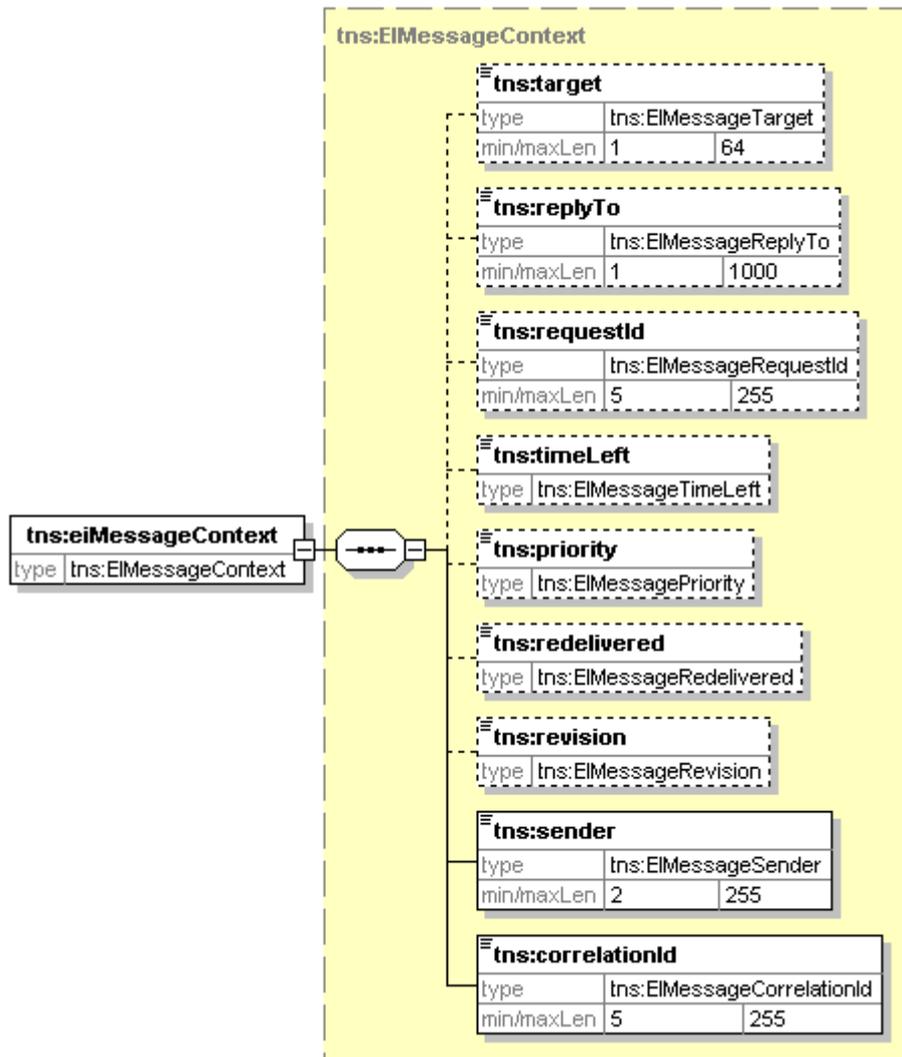
```

source <complexType name="EIMessageRequest">
  <sequence>
    <element name="eiMessageContext" type="tns:EIMessageContext"/>
    <element name="data" type="tns:EIMessageContext"/>
  </sequence>
</complexType>

```

7.4 element EIMessageRequest/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext](#)

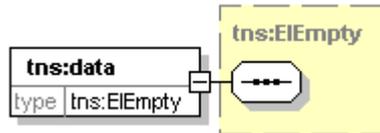
properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext"/>`

7.5 element EIMessageContext/data

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

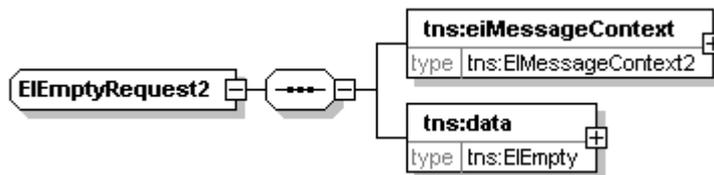
type [tns:EIMessageContext](#)

properties isRef 0
content complex

source `<element name="data" type="tns:EIMessageContext"/>`

7.6 complexType EIMessageContext2

diagram



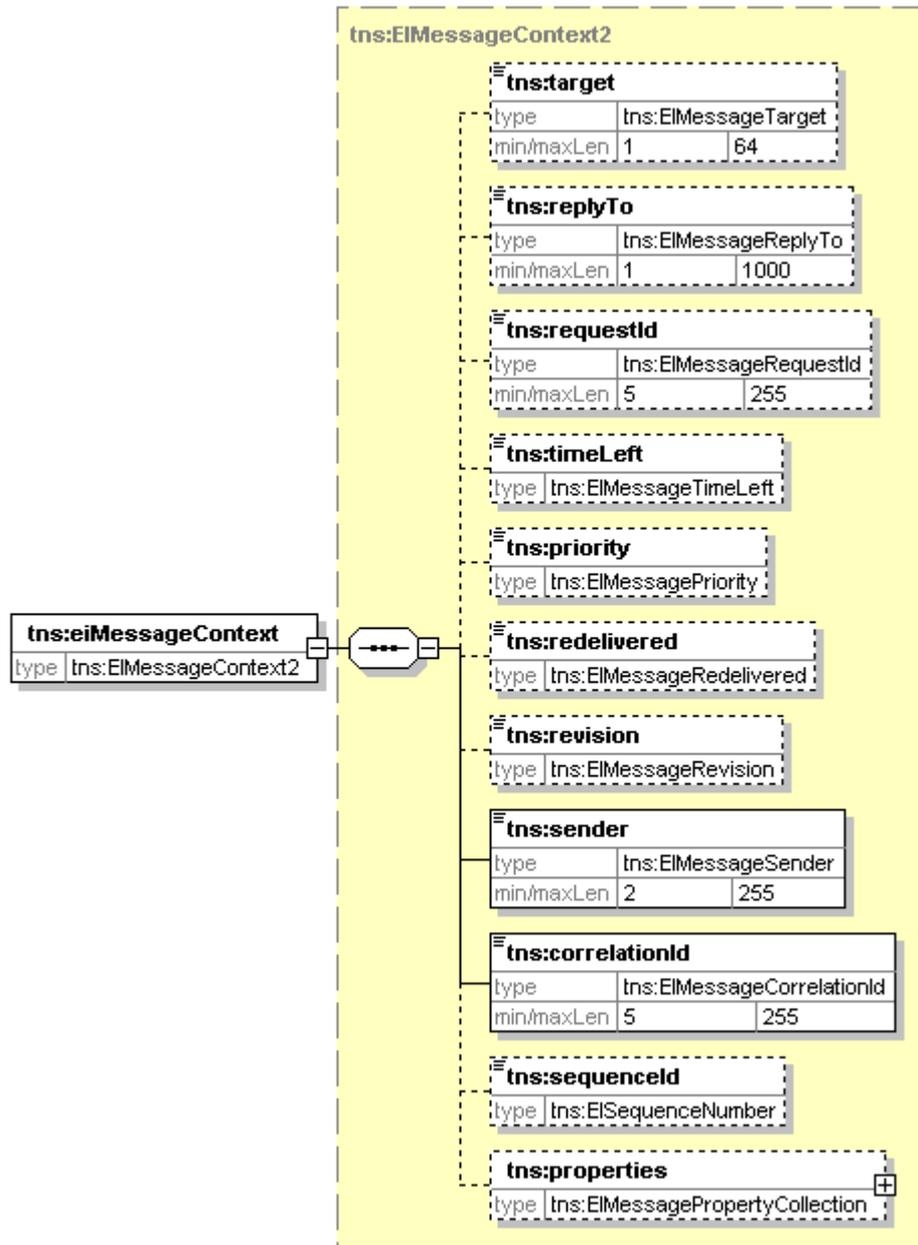
namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:data](#)

source `<complexType name="EIMessageContext2">
<sequence>
<element name="eiMessageContext" type="tns:EIMessageContext2"/>
<element name="data" type="tns:EIMessageContext2"/>
</sequence>
</complexType>`

7.7 element EIMessageContext2/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

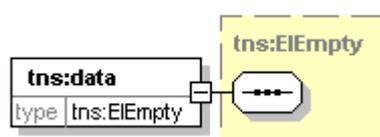
properties
isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext2"/>`

7.8 element EIMessageContext2/data

diagram



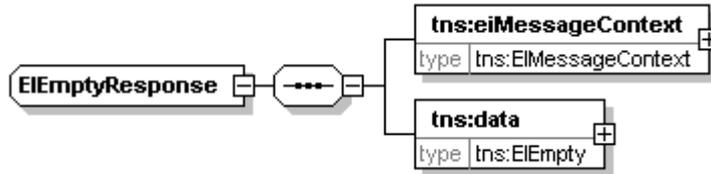
namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

properties isRef 0
 content complex
 source <element name="data" type="tns:EIEmpty"/>

7.9 complexType EIEmptyResponse

diagram



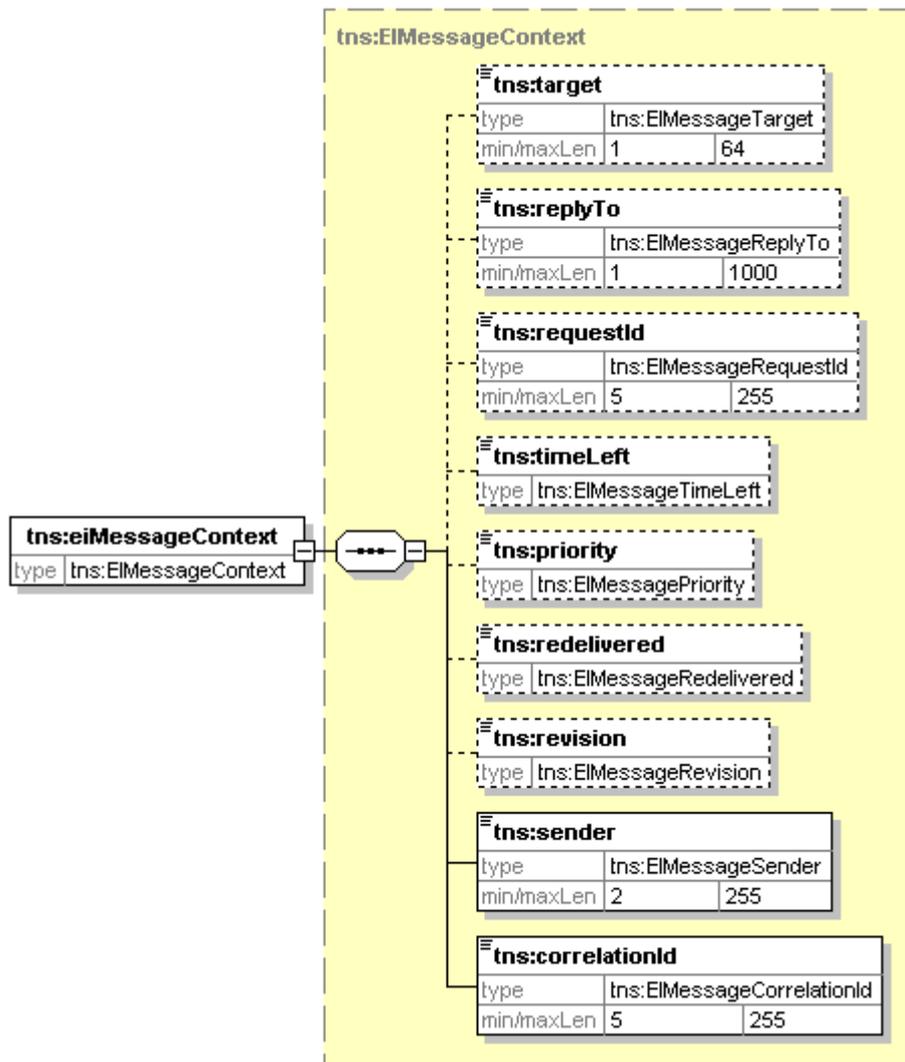
namespace http://messaging.ei.tmobile.net/datatypes

children [tns:eiMessageContext](#) [tns:data](#)

source <complexType name="EIEmptyResponse">
 <sequence>
 <element name="eiMessageContext" type="tns:EIMessageContext"/>
 <element name="data" type="tns:EIEmpty"/>
 </sequence>
 </complexType>

7.10 element EIEmptyResponse/eiMessageContext

diagram



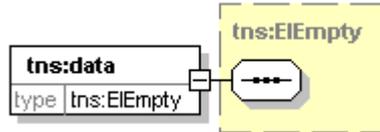
namespace http://messaging.ei.tmobile.net/datatypes

type [tns:EIMessageContext](#)

properties isRef 0
content complex
children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#)
source `<element name="eiMessageContext" type="tns:EIMessageContext"/>`

7.11 element EIMessageContext/data

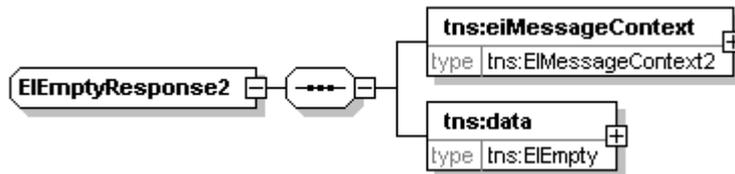
diagram



namespace <http://messaging.ei.tmobile.net/datatypes>
type [tns:EIMessageContext](#)
properties isRef 0
content complex
source `<element name="data" type="tns:EIMessageContext"/>`

7.12 complexType EIMessageContext2

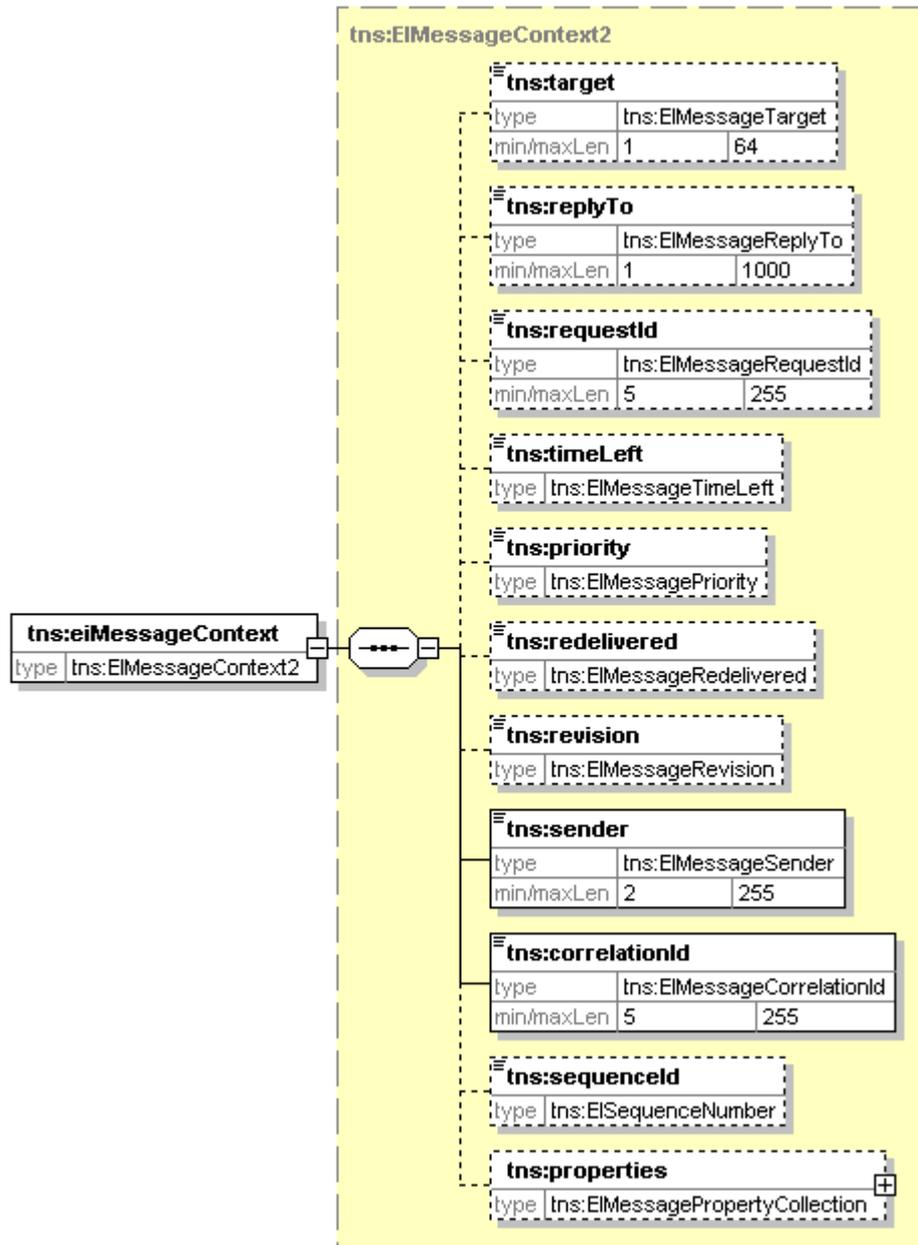
diagram



namespace <http://messaging.ei.tmobile.net/datatypes>
children [tns:eiMessageContext](#) [tns:data](#)
source `<complexType name="EIMessageContext2">
<sequence>
<element name="eiMessageContext" type="tns:EIMessageContext2"/>
<element name="data" type="tns:EIMessageContext"/>
</sequence>
</complexType>`

7.13 element EEmptyResponse2/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

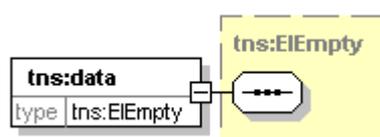
properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext2"/>`

7.14 element EEmptyResponse2/data

diagram



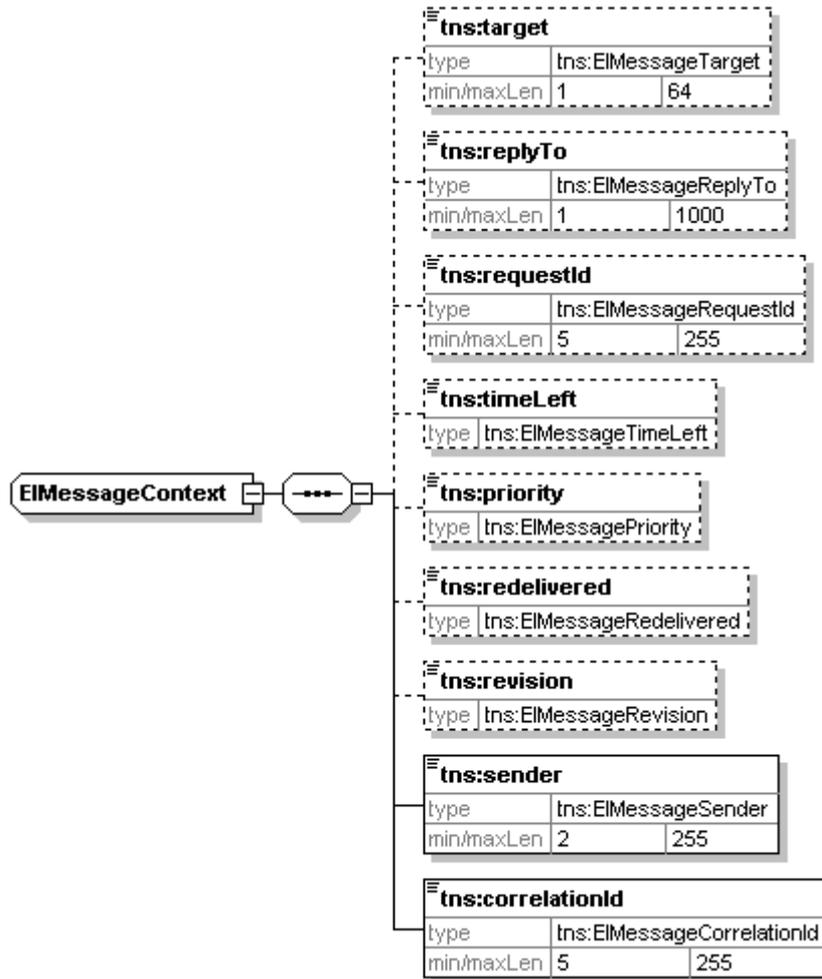
namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

properties isRef 0
 content complex
 source <element name="data" type="tns:EIEmpty"/>

7.15 complexType EIMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#)

used by elements [EITechnicalException/eiMessageContext](#) [EIMessageContext/EIEmptyResponse/eiMessageContext](#) [EIMessageContext/EIEmptyRequest/eiMessageContext](#) [SOABPException/eiMessageContext](#)

annotation documentation

DEPRECATED! Please use for new service interfaces the EIMessageContext2.

appInfo
 #soabp.deprecated

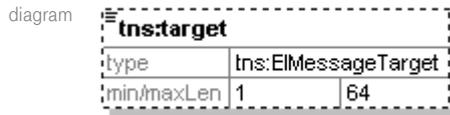
```
source <complexType name="EIMessageContext">
  <annotation>
    <documentation>
      DEPRECATED! Please use for new service interfaces the EIMessageContext2.
    </documentation>
  </annotation>
  <appinfo>#soabp.deprecated</appinfo>
  <sequence>
    <element name="target" type="tns:EIMessageTarget" minOccurs="0"/>
    <element name="replyTo" type="tns:EIMessageReplyTo" minOccurs="0"/>
    <element name="requestId" type="tns:EIMessageRequestId" minOccurs="0"/>
    <element name="timeLeft" type="tns:EIMessageTimeLeft" minOccurs="0"/>
    <element name="priority" type="tns:EIMessagePriority" minOccurs="0"/>
    <element name="redelivered" type="tns:EIMessageRedelivered" minOccurs="0"/>
    <element name="revision" type="tns:EIMessageRevision" minOccurs="0"/>
    <element name="sender" type="tns:EIMessageSender"/>
  </sequence>
</complexType>
```

```

<element name="correlationId" type="tns:EIMessageCorrelationId"/>
</sequence>
</complexType>

```

7.16 element EIMessageContext/target



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageTarget](#)

properties

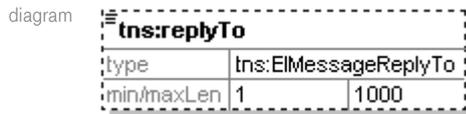
isRef	0
minOcc	0
maxOcc	1
content	simple

facets

minLength	1
maxLength	64

source `<element name="target" type="tns:EIMessageTarget" minOccurs="0"/>`

7.17 element EIMessageContext/replyTo



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageReplyTo](#)

properties

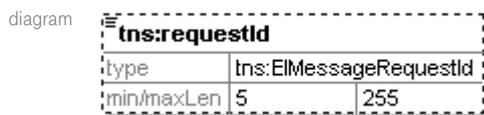
isRef	0
minOcc	0
maxOcc	1
content	simple

facets

minLength	1
maxLength	1000

source `<element name="replyTo" type="tns:EIMessageReplyTo" minOccurs="0"/>`

7.18 element EIMessageContext/requestId



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageRequestId](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

facets

minLength	5
maxLength	255

source `<element name="requestId" type="tns:EIMessageRequestId" minOccurs="0"/>`

7.19 element EIMessageContext/timeLeft



namespace <http://messaging.ei.tmobile.net/datatypes>

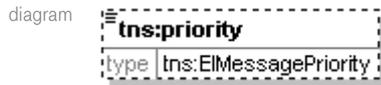
type [tns:EIMessageTimeLeft](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="timeLeft" type="tns:EIMessageTimeLeft" minOccurs="0"/>`

7.20 element EIMessageContext/priority



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessagePriority](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="priority" type="tns:EIMessagePriority" minOccurs="0"/>`

7.21 element EIMessageContext/redelivered



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageRedelivered](#)

properties

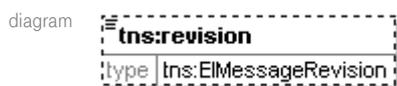
isRef	0
minOcc	0
maxOcc	1
content	simple

facets

enumeration	CLIENT
enumeration	SOABP
enumeration	MANUAL

source `<element name="redelivered" type="tns:EIMessageRedelivered" minOccurs="0"/>`

7.22 element EIMessageContext/revision



namespace <http://messaging.ei.tmobile.net/datatypes>

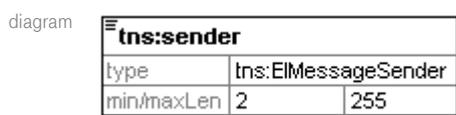
type [tns:EIMessageRevision](#)

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

source `<element name="revision" type="tns:EIMessageRevision" minOccurs="0"/>`

7.23 element EIMessageContext/sender



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageSender](#)

properties isRef 0
content simple
facets minLength 2
maxLength 255
source `<element name="sender" type="tns:EIMessageSender"/>`

7.24 element EIMessageContext/correlationId



namespace `http://messaging.ei.tmobile.net/datatypes`

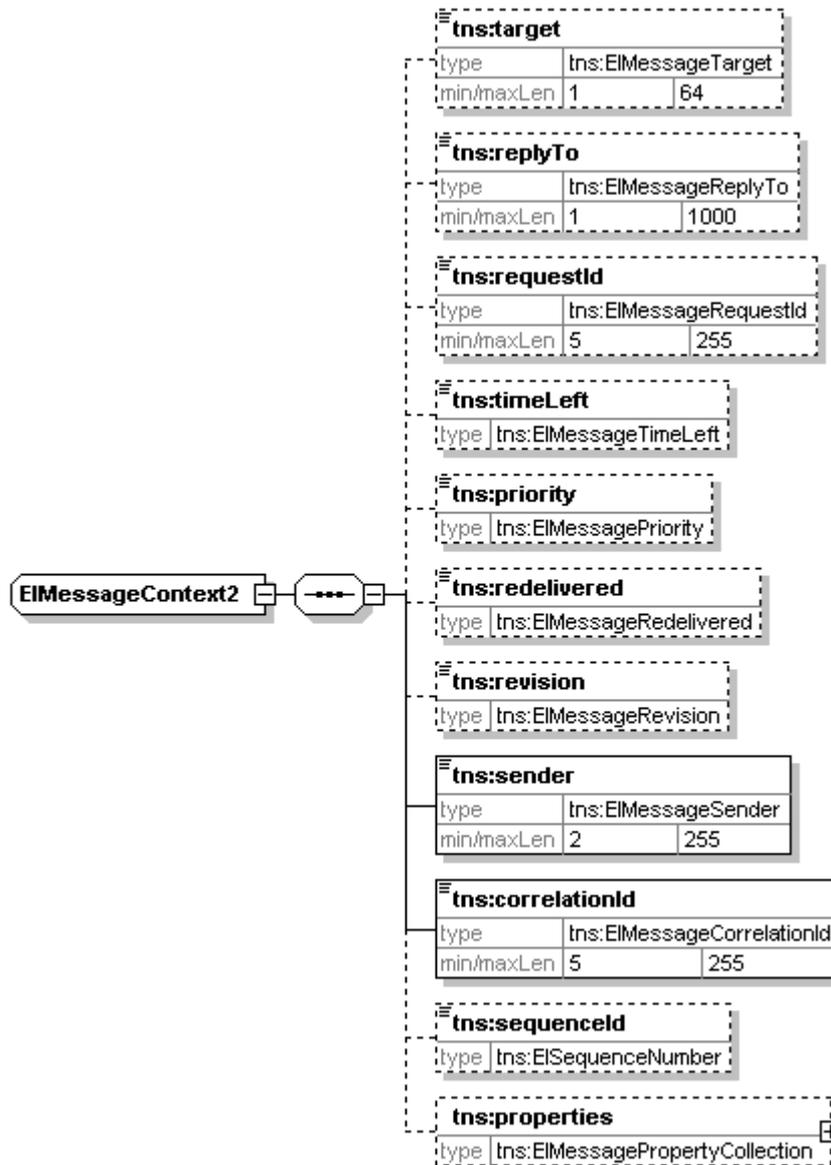
type [tns:EIMessageCorrelationId](#)

properties isRef 0
content simple
facets minLength 5
maxLength 255

source `<element name="correlationId" type="tns:EIMessageCorrelationId"/>`

7.25 complexType EIMessageContext2

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

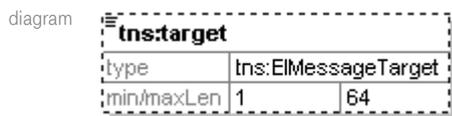
children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

used by elements [EEmptyResponse2/eiMessageContext](#) [EEmptyRequest2/eiMessageContext](#) [EIPingResponse/eiMessageContext](#) [EIPingRequest/eiMessageContext](#) [SOABPException2/eiMessageContext](#)

source

```
<complexType name="EIMessageContext2">
  <sequence>
    <element name="target" type="tns:EIMessageTarget" minOccurs="0"/>
    <element name="replyTo" type="tns:EIMessageReplyTo" minOccurs="0"/>
    <element name="requestId" type="tns:EIMessageRequestId" minOccurs="0"/>
    <element name="timeLeft" type="tns:EIMessageTimeLeft" minOccurs="0"/>
    <element name="priority" type="tns:EIMessagePriority" minOccurs="0"/>
    <element name="redelivered" type="tns:EIMessageRedelivered" minOccurs="0"/>
    <element name="revision" type="tns:EIMessageRevision" minOccurs="0"/>
    <element name="sender" type="tns:EIMessageSender"/>
    <element name="correlationId" type="tns:EIMessageCorrelationId"/>
    <element name="sequenceId" type="tns:EIMessageSequenceNumber" minOccurs="0"/>
    <element name="properties" type="tns:EIMessagePropertyCollection" minOccurs="0"/>
  </sequence>
</complexType>
```

7.26 element EIMessageContext2/target



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageTarget](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

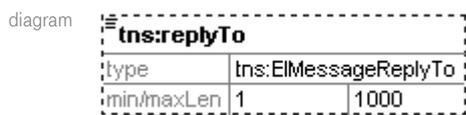
facets

- minLength 1
- maxLength 64

source

```
<element name="target" type="tns:EIMessageTarget" minOccurs="0"/>
```

7.27 element EIMessageContext2/replyTo



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageReplyTo](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

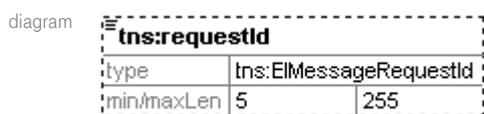
facets

- minLength 1
- maxLength 1000

source

```
<element name="replyTo" type="tns:EIMessageReplyTo" minOccurs="0"/>
```

7.28 element EIMessageContext2/requestId



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageRequestId](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 5
- maxLength 255

source `<element name="requestId" type="tns:EIMessageRequestId" minOccurs="0"/>`

7.29 element EIMessageContext2/timeLeft



namespace <http://messaging.ei.tmobile.net/datatypes>

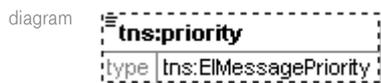
type [tns:EIMessageTimeLeft](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="timeLeft" type="tns:EIMessageTimeLeft" minOccurs="0"/>`

7.30 element EIMessageContext2/priority



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessagePriority](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="priority" type="tns:EIMessagePriority" minOccurs="0"/>`

7.31 element EIMessageContext2/redelivered



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageRedelivered](#)

properties

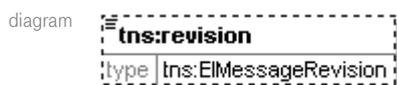
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- enumeration CLIENT
- enumeration SOABP
- enumeration MANUAL

source `<element name="redelivered" type="tns:EIMessageRedelivered" minOccurs="0"/>`

7.32 element EIMessageContext2/revision



namespace <http://messaging.ei.tmobile.net/datatypes>

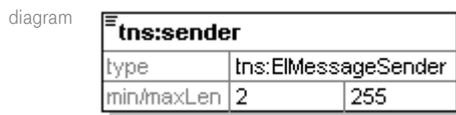
type [tns:EIMessageRevision](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="revision" type="tns:EIMessageRevision" minOccurs="0"/>`

7.33 element EIMessageContext2/sender



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageSender](#)

properties

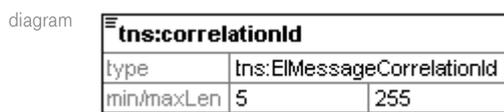
- isRef 0
- content simple
- minLength 2

facets

- maxLength 255

source `<element name="sender" type="tns:EIMessageSender"/>`

7.34 element EIMessageContext2/correlationId



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageCorrelationId](#)

properties

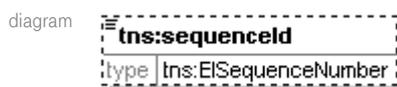
- isRef 0
- content simple
- minLength 5

facets

- maxLength 255

source `<element name="correlationId" type="tns:EIMessageCorrelationId"/>`

7.35 element EIMessageContext2/sequenceId



namespace <http://messaging.ei.tmobile.net/datatypes>

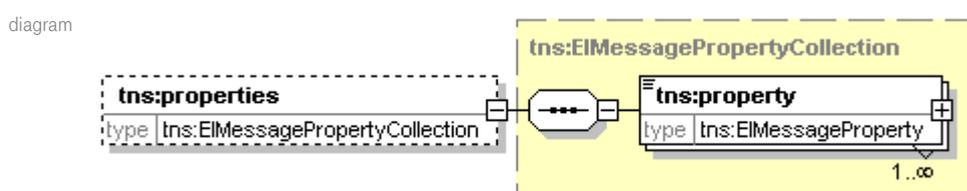
type [tns:EISequenceNumber](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="sequenceId" type="tns:EISequenceNumber" minOccurs="0"/>`

7.36 element EIMessageContext2/properties



namespace <http://messaging.ei.t-mobile.net/datatypes>

type [tns:EIMessagePropertyCollection](#)

properties

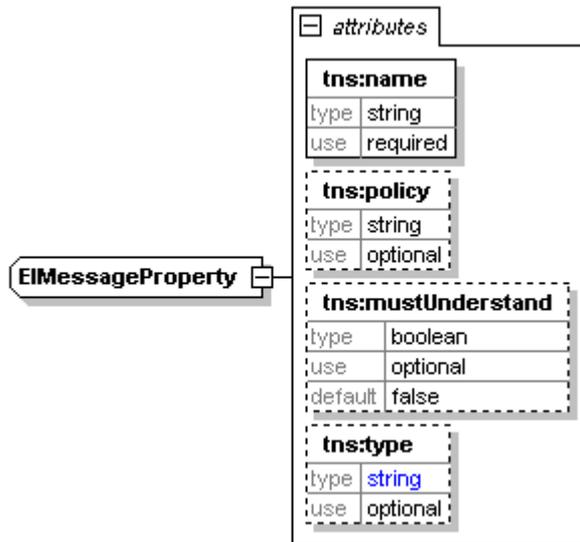
- isRef 0
- minOcc 0
- maxOcc 1
- content complex

children [tns:property](#)

source `<element name="properties" type="tns:EIMessagePropertyCollection" minOccurs="0"/>`

7.37 complexType EIMessageProperty

diagram



namespace <http://messaging.ei.t-mobile.net/datatypes>

type extension of **string**

properties

- base string

used by

- element [EIMessagePropertyCollection/property](#)

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:name	string	required			documentation

Defines the name of the attribute. The name must be a known name for SOA Backplane otherwise the access layer may reject the request. If you believe that you need a new, yet undefined attribute please contact jens.ketterer@t-mobile.de. The name-prefix "soabp." is reserved for SOABP-internal usage.

tns:policy	string	optional				documentation
------------	---------------	----------	--	--	--	---------------

Defines a policy how to handle the property at runtime. If the policy is unknown (and mustUnderstand not set) it can be safely ignored. If set to "passthrough" the service provider should attach the attribute to all subsequent calls (activated by this one) as well as to the response. By this a status field can be forwarded through the call hierarchy. If set to "filter" the element can be used as low level filter element for the SOA Backplane core routing. Such filters can be used with notifications. Subscribers to a notification can limited the reception of notification by filtering through ONE of these filter elements. The filter policy is evaluated and executed by the CAL.

tns:mustUnderstand	boolean	optional	false			documentation
--------------------	----------------	----------	-------	--	--	---------------

Behaves like the SOAP header attribute of the same name. A provider must responde with an error if it does not know how to handle this attribute.

tns:type **derive** optional
d by:
string

documentation

Defines a type of the property. Can be used as a hint on processing the value. In general it should be clear for the user of a property from which type it is.
Will be used on filter elements to ensure the right sort sequence in filter comparisons.

annotation documentation

Properties are less frequent used message context extensions. These might just be valuable for certain situations or systems. They do furthermore add the flexibility to define the content on a more semantical basis then on a syntactical bases.
SOA Backplane will control the use of these properties by maintaining a list of valid attributes and their description. Properties in calls will be checked against this list. Having such a control prevents defining a property more than once (same meaning but different spelling) and puts hold on wrongly using the technical arguments.
Service providers should ignore unknown attributes unless the mustUnderstand attribute is set.

source `<complexType name="EIMessageProperty">`

`<annotation>`

`<documentation>`

Properties are less frequent used message context extensions. These might just be valuable for certain situations or systems. They do furthermore add the flexibility to define the content on a more semantical basis then on a syntactical bases.
SOA Backplane will control the use of these properties by maintaining a list of valid attributes and their description. Properties in calls will be checked against this list. Having such a control prevents defining a property more than once (same meaning but different spelling) and puts hold on wrongly using the technical arguments.
Service providers should ignore unknown attributes unless the mustUnderstand attribute is set.

`</documentation>`

`</annotation>`

`<simpleContent>`

`<extension base="string">`

`<attribute name="name" type="string" use="required">`

`<annotation>`

`<documentation>`

Defines the name of the attribute. The name must be a known name for SOA Backplane otherwise the access layer may reject the request. If you believe that you need a new, yet undefined attribute please contact jens.ketterer@t-mobile.de

The name-prefix "soapb." is reserved for SOAPB-internal usage.

`</documentation>`

`</annotation>`

`</attribute>`

`<attribute name="policy" type="string" use="optional">`

`<annotation>`

`<documentation>`

Defines a policy how to handle the property at runtime. If the policy is unknown (and mustUnderstand not set) it can be safely ignored.

If set to "passthrough" the service provider should attach the attribute to all subsequent calls (activated by this one) as well as to the response. By this a status field can be forwarded through the call hierarchy.

If set to "filter" the element can be used as low level filter element for the SOA Backplane core routing. Such filters can be used with notifications. Subscribers to a notification can limited the reception of notification by filtering through ONE of these filter elements. The filter policy is evaluated and executed by the CAL.

`</documentation>`

`</annotation>`

`</attribute>`

`<attribute name="mustUnderstand" type="boolean" use="optional" default="false">`

`<annotation>`

`<documentation>`

Behaves like the SOAP header attribute of the same name. A provider must respond with an error if it does not know how to handle this attribute.

`</documentation>`

`</annotation>`

`</attribute>`

`<attribute name="type" use="optional">`

`<annotation>`

`<documentation>`

Defines a type of the property. Can be used as a hint on processing the value. In general it should be clear for the user of a property from which type it is.

Will be used on filter elements to ensure the right sort sequence in filter comparisons.

`</documentation>`

`</annotation>`

`<simpleType>`

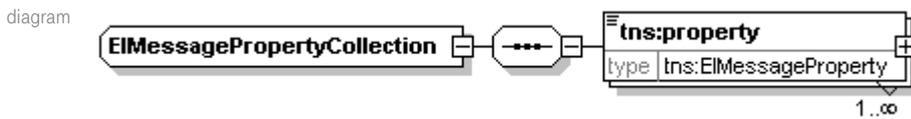
`<restriction base="string">`

```

<enumeration value="boolean"/>
<enumeration value="byte"/>
<enumeration value="short"/>
<enumeration value="int"/>
<enumeration value="long"/>
<enumeration value="float"/>
<enumeration value="double"/>
<enumeration value="string"/>
</restriction>
</simpleType>
</attribute>
</extension>
</simpleContent>
</complexType>

```

7.38 complexType EIMessagePropertyCollection



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:property](#)

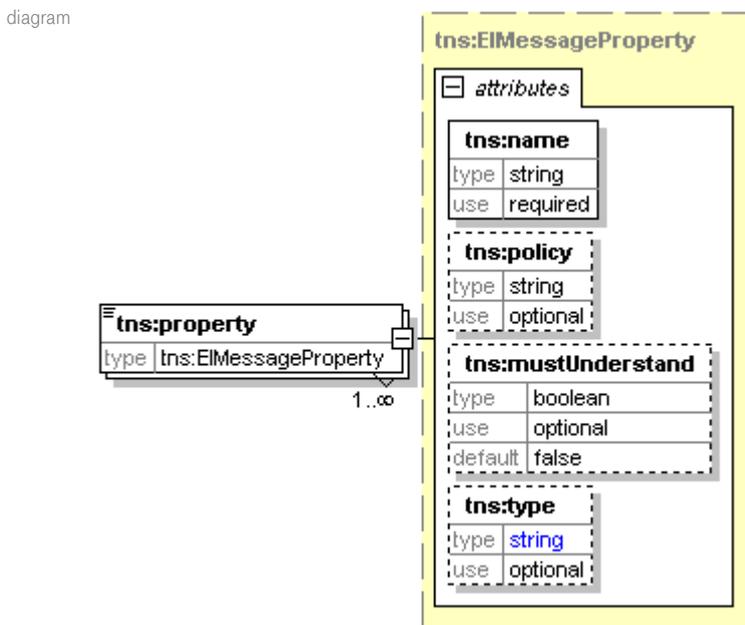
used by element [EIMessageContext2/properties](#)

```

source <complexType name="EIMessagePropertyCollection">
  <sequence>
    <element name="property" type="tns:EIMessageProperty" maxOccurs="unbounded"/>
  </sequence>
</complexType>

```

7.39 element EIMessagePropertyCollection/property



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageProperty](#)

properties

isRef	0
minOcc	1
maxOcc	unbounded
content	complex

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:name	string	required			documentation

Defines the name of the attribute. The name must be a known name for SOA Backplane otherwise the access layer may reject the request. If you believe that you need a new, yet undefined attribute please contact jens.ketterer@t-mobile.de. The name-prefix "soapb." is reserved for SOABP-internal usage.

tns:policy **string** optional

[documentation](#)

Defines a policy how to handle the property at runtime. If the policy is unknown (and mustUnderstand not set) it can be safely ignored. If set to "passthrough" the service provider should attach the attribute to all subsequent calls (activated by this one) as well as to the response. By this a status field can be forwarded through the call hierarchy. If set to "filter" the element can be used as low level filter element for the SOA Backplane core routing. Such filters can be used with notifications. Subscribers to a notification can limit the reception of notification by filtering through ONE of these filter elements. The filter policy is evaluated and executed by the CAL.

tns:mustUnderstand **boolean** optional false

[documentation](#)

Behaves like the SOAP header attribute of the same name. A provider must respond with an error if it does not know how to handle this attribute.

tns:type **derived by: string** optional

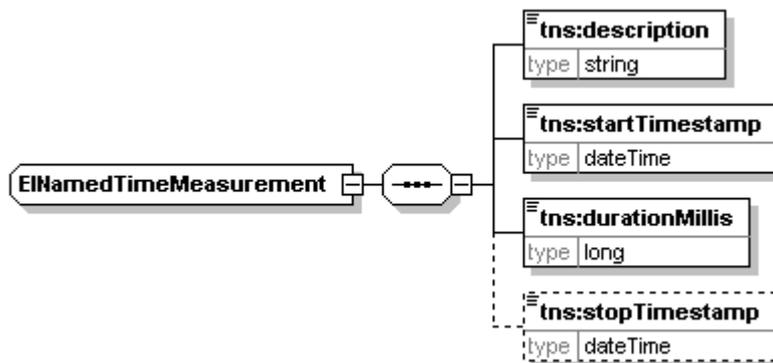
[documentation](#)

Defines a type of the property. Can be used as a hint on processing the value. In general be clear for the user of a property from which type it is. Will be used on filter elements to ensure the right sort sequence in filter comparisons.

source `<element name="property" type="tns:EIMessageProperty" maxOccurs="unbounded"/>`

7.40 complexType EInamedTimeMeasurement

diagram



namespace <http://messaging.ei.t-mobile.net/datatypes>

children [tns:description](#) [tns:startTimestamp](#) [tns:durationMillis](#) [tns:stopTimestamp](#)

used by element [EInamedTimeMeasurementCollection/timeMeasurement](#)

source

```
<complexType name="EInamedTimeMeasurement">
  <sequence>
    <element name="description" type="string"/>
    <element name="startTimestamp" type="dateTime"/>
    <element name="durationMillis" type="long"/>
    <element name="stopTimestamp" type="dateTime" minOccurs="0"/>
  </sequence>
</complexType>
```

7.41 element EInamedTimeMeasurement/description



namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties isRef 0
content simple

source `<element name="description" type="string"/>`

7.42 element EInamedTimeMeasurement/startTimestamp



namespace <http://messaging.ei.tmobile.net/datatypes>

type **dateTime**

properties isRef 0
content simple

source `<element name="startTimestamp" type="dateTime"/>`

7.43 element EInamedTimeMeasurement/durationMillis



namespace <http://messaging.ei.tmobile.net/datatypes>

type **long**

properties isRef 0
content simple

source `<element name="durationMillis" type="long"/>`

7.44 element EInamedTimeMeasurement/stopTimestamp



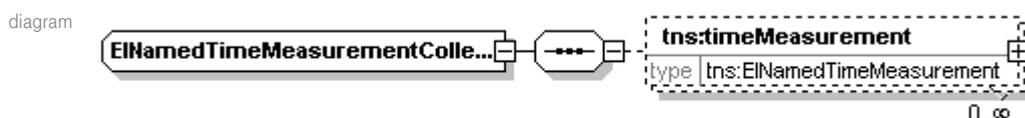
namespace <http://messaging.ei.tmobile.net/datatypes>

type **dateTime**

properties isRef 0
minOcc 0
maxOcc 1
content simple

source `<element name="stopTimestamp" type="dateTime" minOccurs="0"/>`

7.45 complexType EInamedTimeMeasurementCollection



namespace <http://messaging.ei.tmobile.net/datatypes>

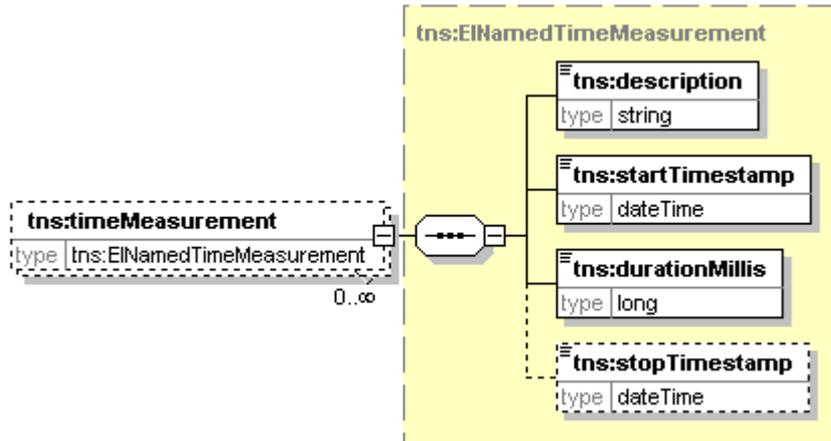
children [tns:timeMeasurement](#)

used by element [EIPingInfo/timeMeasurementCollection](#)

```
source <complexType name="EINamedTimeMeasurementCollection">
  <sequence>
    <element name="timeMeasurement" type="tns:EINamedTimeMeasurement" minOccurs="0" maxOccurs="unbounded"/>
  </sequence>
</complexType>
```

7.46 element EINamedTimeMeasurementCollection/timeMeasurement

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EINamedTimeMeasurement](#)

properties

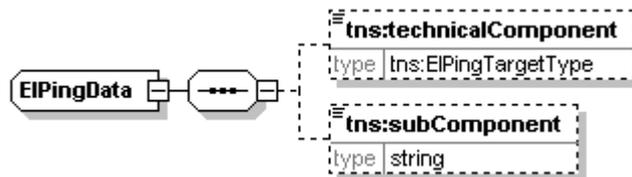
isRef	0
minOcc	0
maxOcc	unbounded
content	complex

children [tns:description](#) [tns:startTimestamp](#) [tns:durationMillis](#) [tns:stopTimestamp](#)

```
source <element name="timeMeasurement" type="tns:EINamedTimeMeasurement" minOccurs="0" maxOccurs="unbounded"/>
```

7.47 complexType EIPingData

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:technicalComponent](#) [tns:subComponent](#)

used by element [EIPingRequest/data](#)

```
source <complexType name="EIPingData">
  <sequence>
    <element name="technicalComponent" type="tns:EIPingTargetType" minOccurs="0"/>
    <element name="subComponent" type="string" minOccurs="0"/>
  </sequence>
</complexType>
```

7.48 element EIPingData/technicalComponent

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EPingTargetType](#)

properties

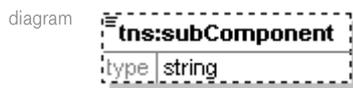
- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- enumeration Client
- enumeration Server
- enumeration Provider

source `<element name="technicalComponent" type="tns:EPingTargetType" minOccurs="0"/>`

7.49 element EIPingData/subComponent



namespace <http://messaging.ei.tmobile.net/datatypes>

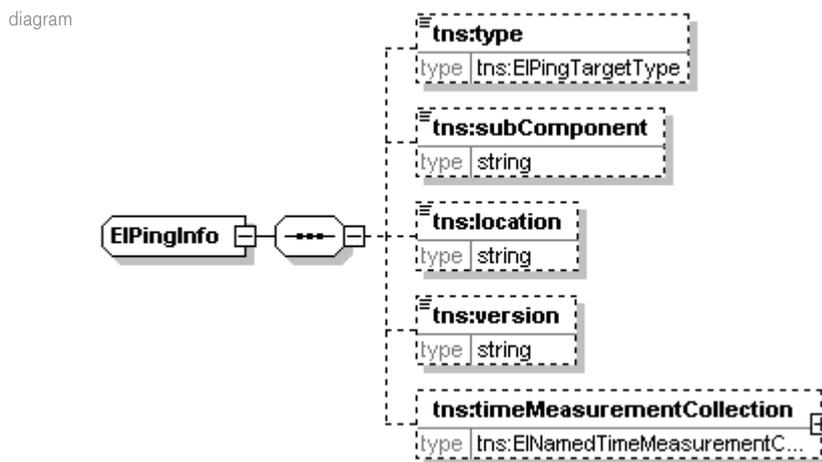
type **string**

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

source `<element name="subComponent" type="string" minOccurs="0"/>`

7.50 complexType EIPingInfo



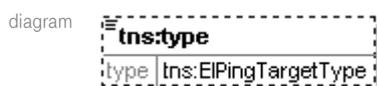
namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:type](#) [tns:subComponent](#) [tns:location](#) [tns:version](#) [tns:timeMeasurementCollection](#)

used by element [EIPingInfoCollection/technicalComponent](#)

source `<complexType name="EIPingInfo">`
`<sequence>`
`<element name="type" type="tns:EPingTargetType" minOccurs="0"/>`
`<element name="subComponent" type="string" minOccurs="0"/>`
`<element name="location" type="string" minOccurs="0"/>`
`<element name="version" type="string" minOccurs="0"/>`
`<element name="timeMeasurementCollection" type="tns:EINamedTimeMeasurementCollection" minOccurs="0"/>`
`</sequence>`
`</complexType>`

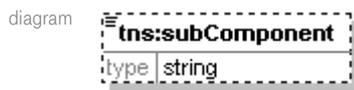
7.51 element EIPingInfo/type



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:ETPingTargetType](#)
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 facets enumeration Client
 enumeration Server
 enumeration Provider
 source `<element name="type" type="tns:ETPingTargetType" minOccurs="0"/>`

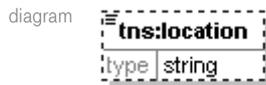
7.52 element EIPingInfo/subComponent



namespace `http://messaging.ei.tmobile.net/datatypes`

type **string**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 source `<element name="subComponent" type="string" minOccurs="0"/>`

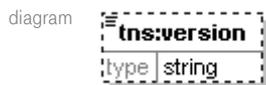
7.53 element EIPingInfo/location



namespace `http://messaging.ei.tmobile.net/datatypes`

type **string**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 source `<element name="location" type="string" minOccurs="0"/>`

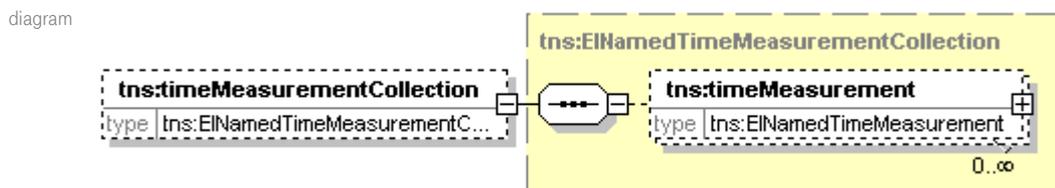
7.54 element EIPingInfo/version



namespace `http://messaging.ei.tmobile.net/datatypes`

type **string**
 properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 source `<element name="version" type="string" minOccurs="0"/>`

7.55 element EIPingInfo/timeMeasurementCollection



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EINamedTimeMeasurementCollection](#)

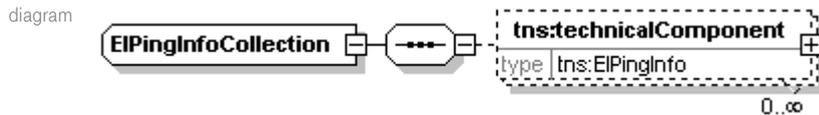
properties

isRef	0
minOcc	0
maxOcc	1
content	complex

children [tns:timeMeasurement](#)

source `<element name="timeMeasurementCollection" type="tns:EINamedTimeMeasurementCollection" minOccurs="0"/>`

7.56 complexType EIPingInfoCollection



namespace <http://messaging.ei.tmobile.net/datatypes>

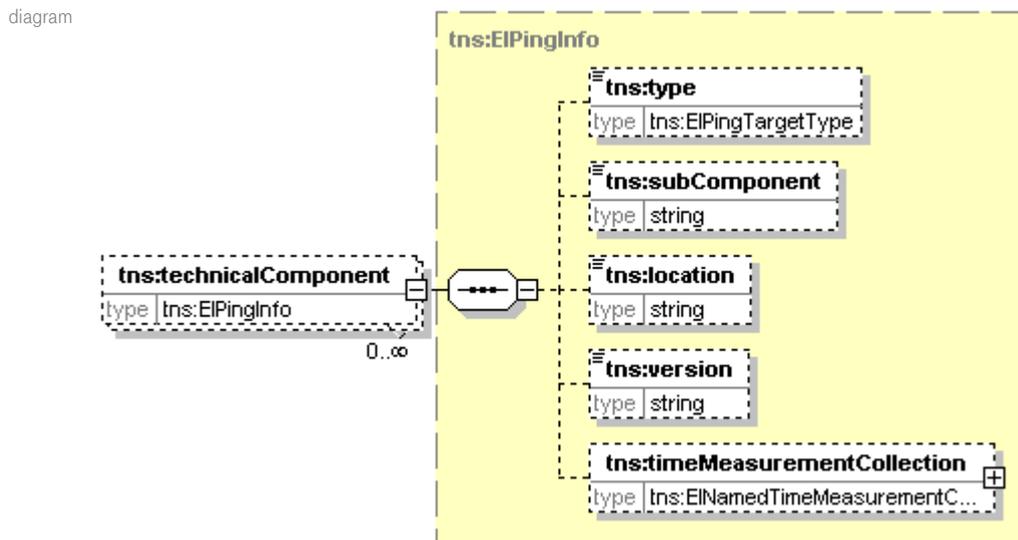
children [tns:technicalComponent](#)

used by

element	EIPingResponse/data
---------	-------------------------------------

source `<complexType name="EIPingInfoCollection">
<sequence>
<element name="technicalComponent" type="tns:EIPingInfo" minOccurs="0" maxOccurs="unbounded"/>
</sequence>
</complexType>`

7.57 element EIPingInfoCollection/technicalComponent



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIPingInfo](#)

properties

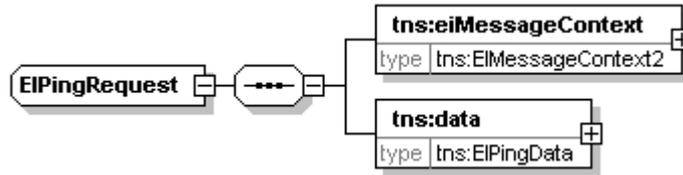
isRef	0
minOcc	0
maxOcc	unbounded
content	complex

children [tns:type](#) [tns:subComponent](#) [tns:location](#) [tns:version](#) [tns:timeMeasurementCollection](#)

source `<element name="technicalComponent" type="tns:EIPingInfo" minOccurs="0" maxOccurs="unbounded"/>`

7.58 complexType EIPingRequest

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:data](#)

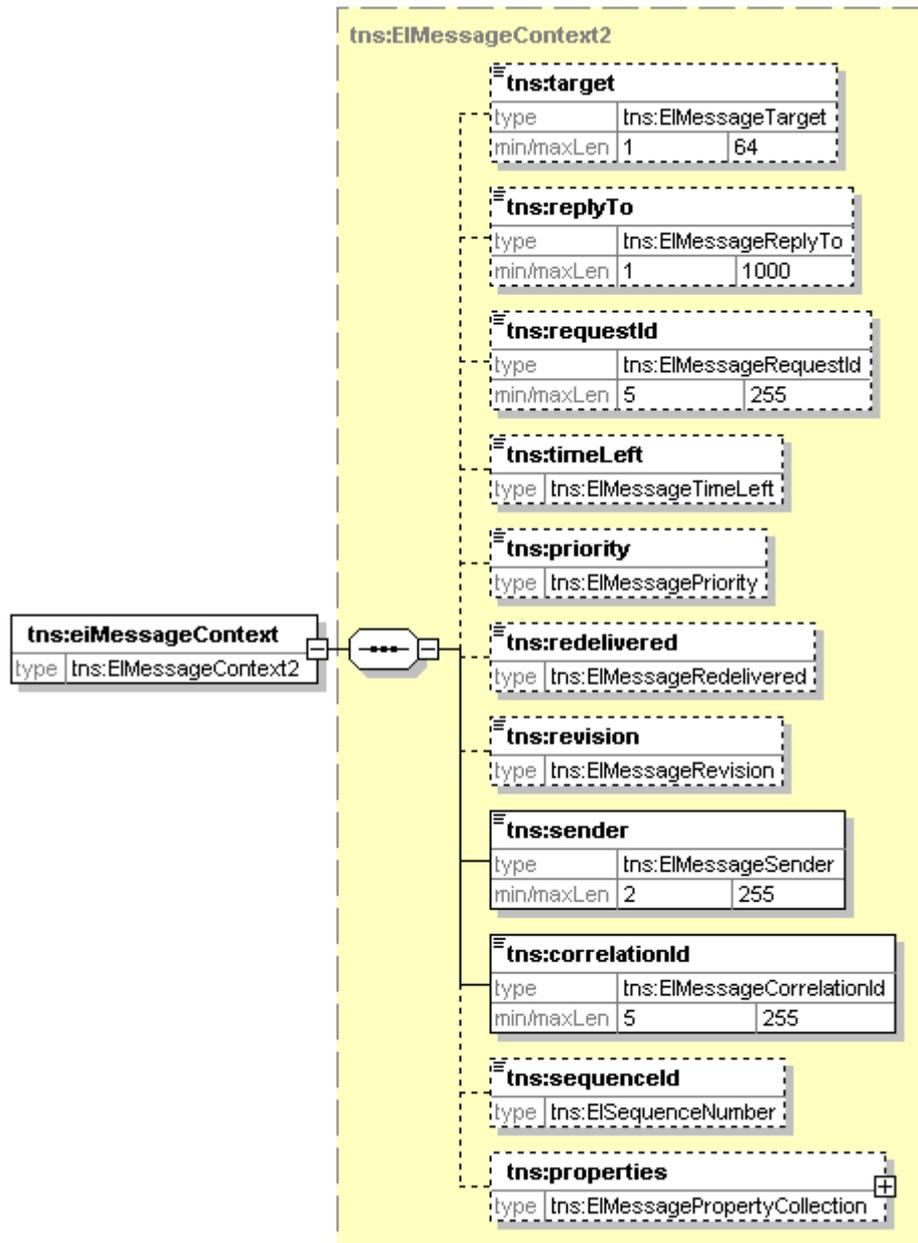
```

source <complexType name="EIPingRequest">
  <sequence>
    <element name="eiMessageContext" type="tns:EIMessageContext2"/>
    <element name="data" type="tns:EIPingData"/>
  </sequence>
</complexType>

```

7.59 element EIPingRequest/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

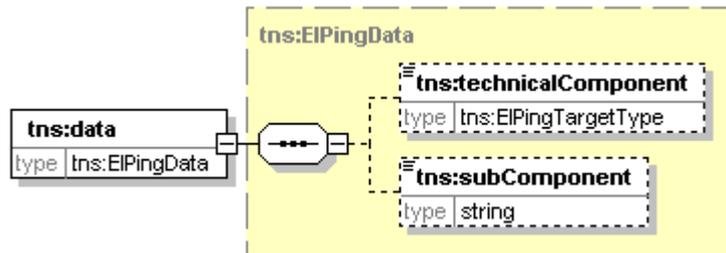
properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext2"/>`

7.60 element EIPingRequest/data

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIPingData](#)

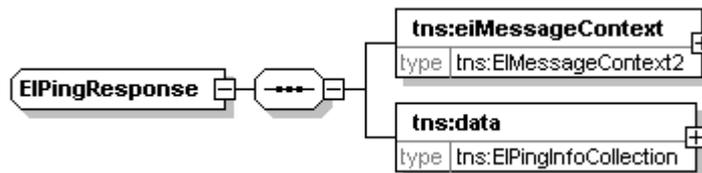
properties isRef 0
content complex

children [tns:technicalComponent](#) [tns:subComponent](#)

source `<element name="data" type="tns:EIPingData"/>`

7.61 complexType EIPingResponse

diagram



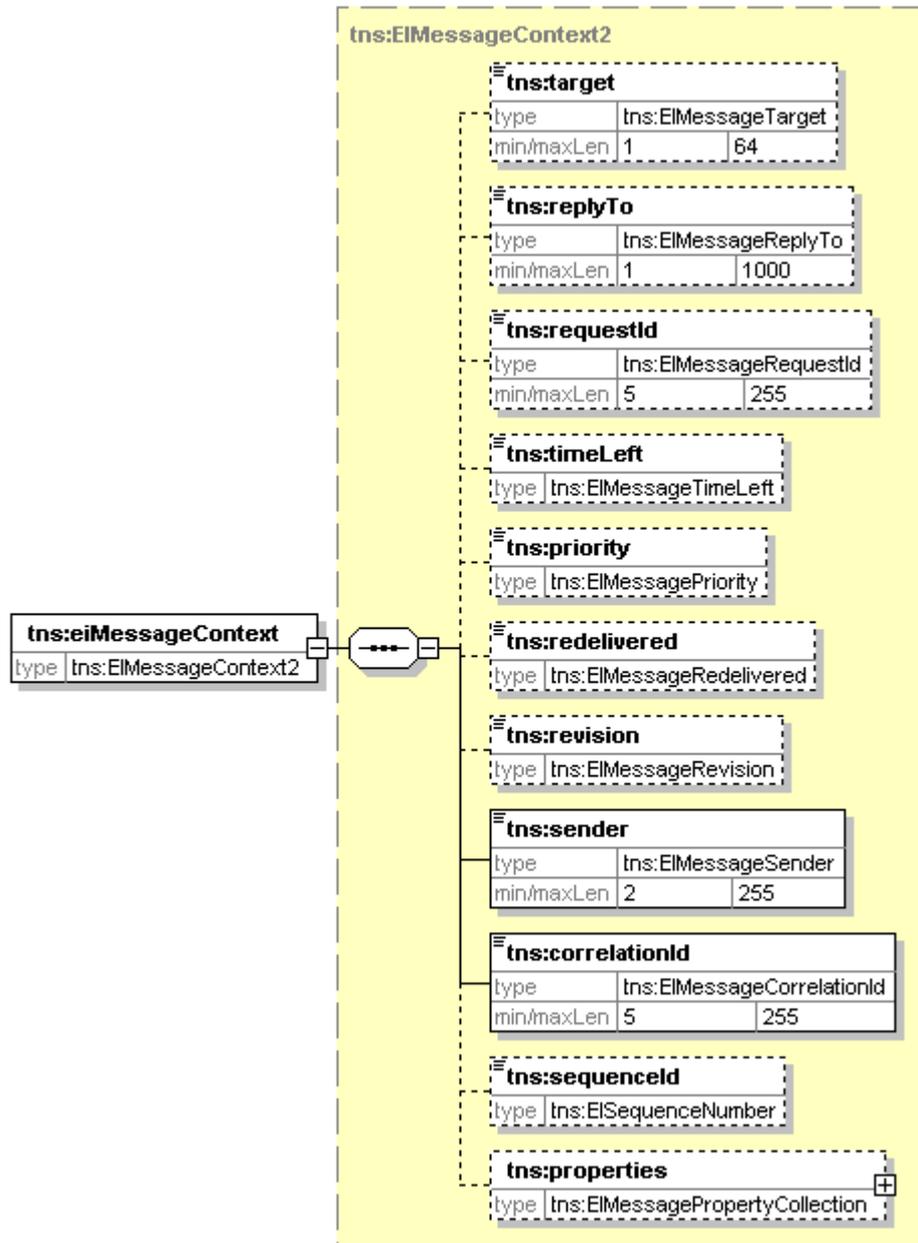
namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:data](#)

source `<complexType name="EIPingResponse">
<sequence>
<element name="eiMessageContext" type="tns:EIMessageContext2"/>
<element name="data" type="tns:EIPingInfoCollection"/>
</sequence>
</complexType>`

7.62 element EIPingResponse/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

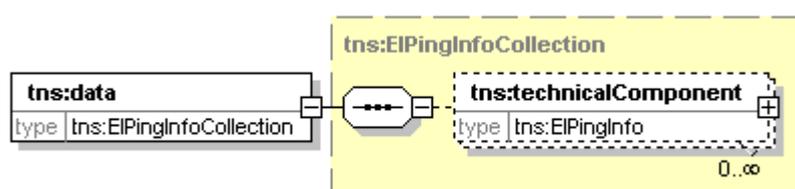
properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext2"/>`

7.63 element EIPingResponse/data

diagram

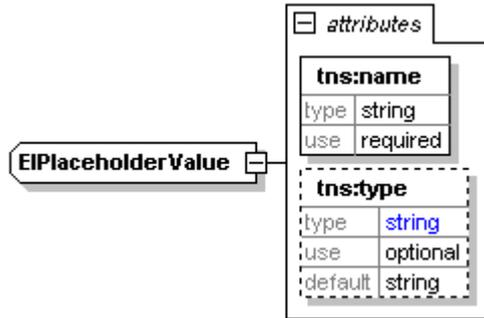


namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIpingInfoCollection](#)
 properties isRef 0
 content complex
 children [tns:technicalComponent](#)
 source `<element name="data" type="tns:EIpingInfoCollection"/>`

7.64 complexType EIPlaceholderValue

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type extension of **string**
 properties base string
 used by element [EIPlaceholderValueCollection/placeholderValue](#)

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:name	string	required			
	tns:type	derived by: string	optional	string		documentation

Defines a type of the placeholder. Can be used as a hint on processing the value. In general it should be clear for the user of a placeholder from which type it is. Will be used on filter elements to ensure the right sort sequence in filter comparisons.

annotation documentation

Defines variables which can be used in the placeholders of the description elements. Simplifies the translation process of error messages. Be aware that the names of the values are not globally unique, that means when you want to merge different description elements where placeholders refer to the same placeholder name but coming from different exceptions you have the responsibility to rename one of the variables.

Values must contain a name attribute (name of the placeholder) and are of a certain type. Please note that you should usually chose the stringValue just when different formattings for the localization could be required a extra datatype is offered, namely for time, date, dateTime and floats.

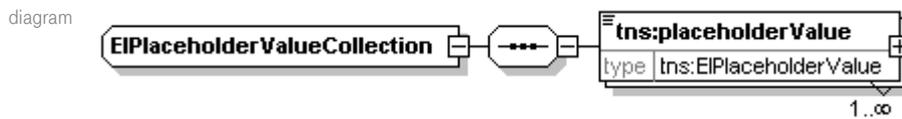
source `<complexType name="EIPlaceholderValue">`
`<annotation>`
`<documentation>`
 Defines variables which can be used in the placeholders of the description elements. Simplifies the translation process of error messages. Be aware that the names of the values are not globally unique, that means when you want to merge different description elements where placeholders refer to the same placeholder name but coming from different exceptions you have the responsibility to rename one of the variables.
 Values must contain a name attribute (name of the placeholder) and are of a certain type. Please note that you should usually chose the stringValue just when different formattings for the localization could be required a extra datatype is offered, namely for time, date, dateTime and floats.
`</documentation>`
`</annotation>`
`<simpleContent>`
`<extension base="string">`
`<attribute name="name" type="string" use="required"/>`
`<attribute name="type" use="optional" default="string">`
`</annotation>`

```

<documentation>
  Defines a type of the placeholder. Can be used as a hint on processing the value. In general it should
  be clear for the user of a placeholder from which type it is.
  Will be used on filter elements to ensure the right sort sequence in filter comparisons.
</documentation>
</annotation>
<simpleType>
  <restriction base="string">
    <enumeration value="boolean"/>
    <enumeration value="int"/>
    <enumeration value="float"/>
    <enumeration value="string"/>
    <enumeration value="date"/>
    <enumeration value="dateTime"/>
    <enumeration value="time"/>
  </restriction>
</simpleType>
</attribute>
</extension>
</simpleContent>
</complexType>

```

7.65 complexType EIPlaceholderValueCollection



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:placeholderValue](#)

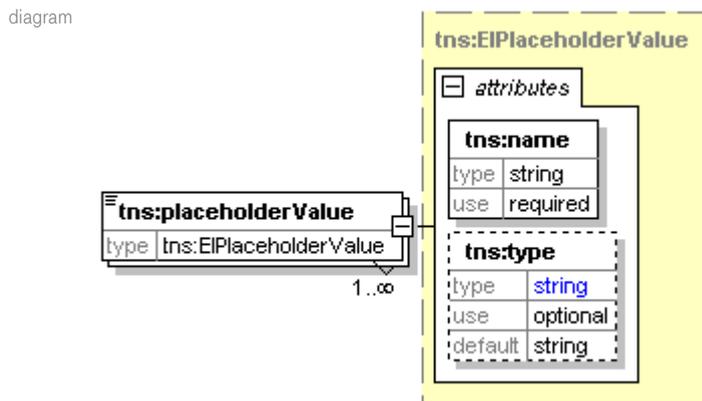
used by element [SOABPException2/placeholderValues](#)

```

<complexType name="EIPlaceholderValueCollection">
  <sequence>
    <element name="placeholderValue" type="tns:EIPlaceholderValue" maxOccurs="unbounded"/>
  </sequence>
</complexType>

```

7.66 element EIPlaceholderValueCollection/placeholderValue



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIPlaceholderValue](#)

properties

isRef	0
minOcc	1
maxOcc	unbounded
content	complex

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:name	string	required			
	tns:type	derived by: string	optional	string		documentation

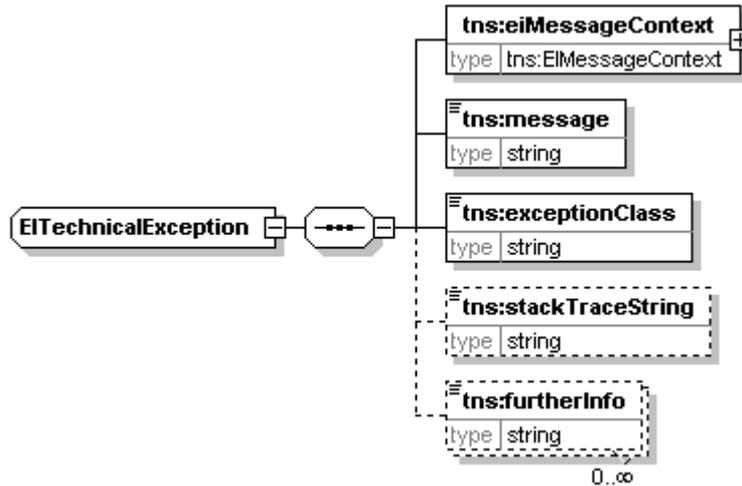
Defines a type of the placeholder. Can be used as a hint on

processing the value. In general it should be clear for the user of a placeholder from which type it is. Will be used on filter elements to ensure the right sort sequence in filter comparisons.

source `<element name="placeholderValue" type="tns:EIPlaceholderValue" maxOccurs="unbounded"/>`

7.67 complexType EITechnicalException

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:message](#) [tns:exceptionClass](#) [tns:stackTraceString](#) [tns:furtherInfo](#)

annotation documentation

DEPRECATED! Please use for new service interfaces the SOABPEXception2.

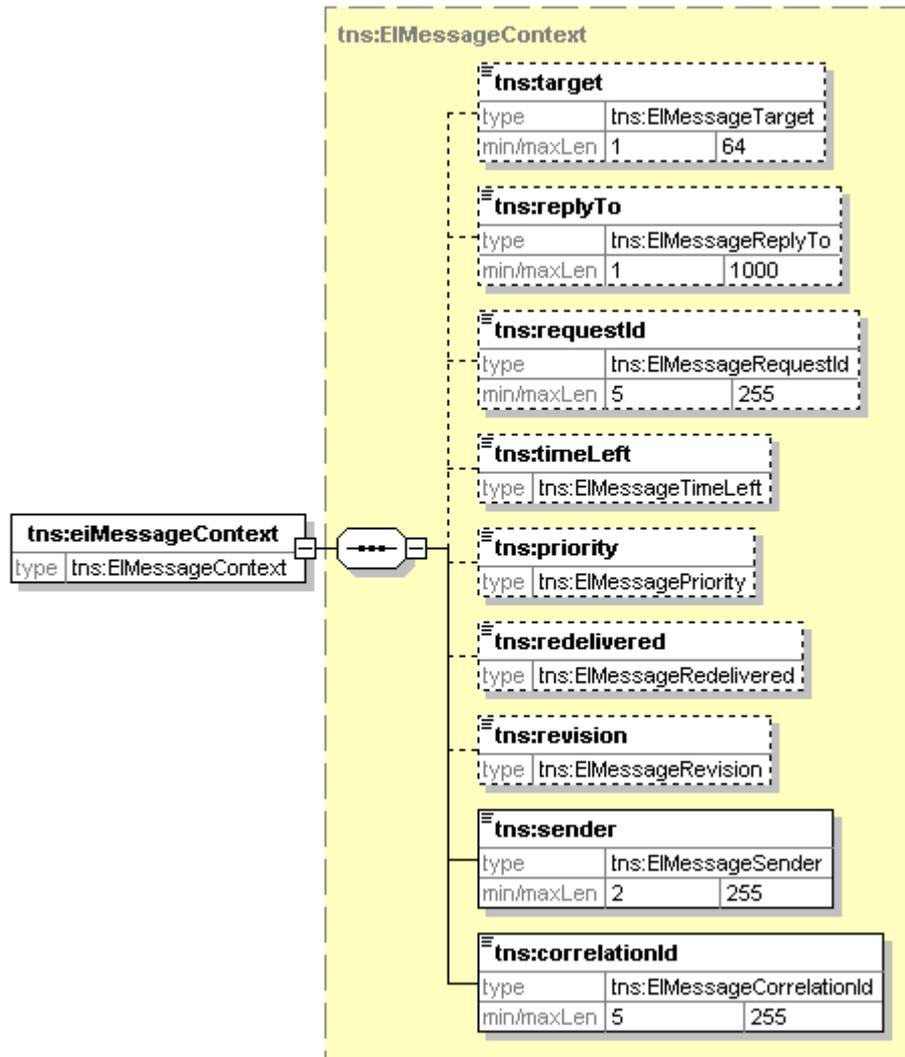
appInfo
#soabp.deprecated

source

```
<complexType name="EITechnicalException">
  <annotation>
    <documentation>
      DEPRECATED! Please use for new service interfaces the SOABPEXception2.
    </documentation>
  </annotation>
  <appinfo>#soabp.deprecated</appinfo>
  <sequence>
    <element name="eiMessageContext" type="tns:EIMessageContext"/>
    <element name="message" type="string"/>
    <element name="exceptionClass" type="string"/>
    <element name="stackTraceString" type="string" minOccurs="0"/>
    <element name="furtherInfo" type="string" minOccurs="0" maxOccurs="unbounded"/>
  </sequence>
</complexType>
```

7.68 element EITechnicalException/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext](#)

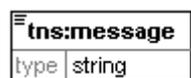
properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext"/>`

7.69 element EITechnicalException/message

diagram



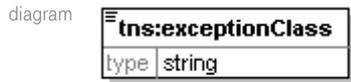
namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties isRef 0
content simple

source `<element name="message" type="string"/>`

7.70 element EITechnicalException/exceptionClass



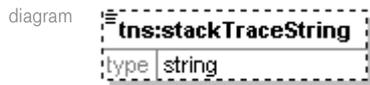
namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties isRef 0
content simple

source `<element name="exceptionClass" type="string"/>`

7.71 element EITechnicalException/stackTraceString



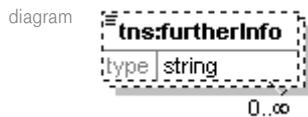
namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties isRef 0
minOcc 0
maxOcc 1
content simple

source `<element name="stackTraceString" type="string" minOccurs="0"/>`

7.72 element EITechnicalException/furtherInfo



namespace <http://messaging.ei.tmobile.net/datatypes>

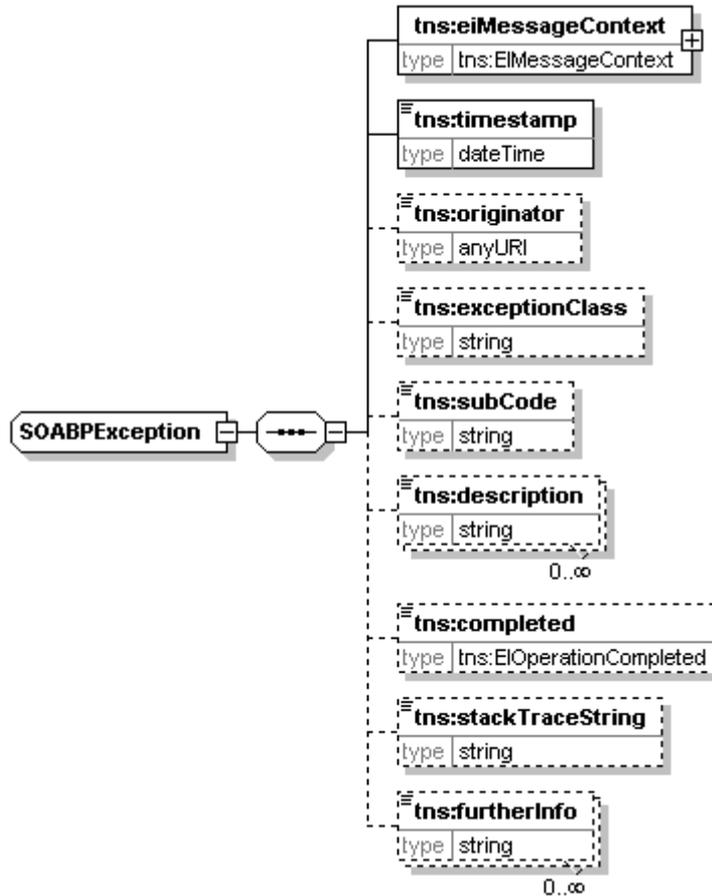
type **string**

properties isRef 0
minOcc 0
maxOcc unbounded
content simple

source `<element name="furtherInfo" type="string" minOccurs="0" maxOccurs="unbounded"/>`

7.73 complexType SOABPEXception

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:timestamp](#) [tns:originator](#) [tns:exceptionClass](#) [tns:subCode](#) [tns:description](#) [tns:completed](#) [tns:stackTraceString](#) [tns:furtherInfo](#)

annotation documentation

DEPRECATED! Please use for new service interfaces the SOABPEXception2.

appInfo
#soabp.deprecated

source `<complexType name="SOABPEXception">`

```
<annotation>
  <documentation>
    DEPRECATED! Please use for new service interfaces the SOABPEXception2.
  </documentation>
```

```
<appinfo>#soabp.deprecated</appinfo>
```

```
</annotation>
<sequence>
  <element name="eiMessageContext" type="tns:EIMessageContext">
    <annotation>
      <documentation>
```

Defines the EI message context as in every message. As it is not possible to include the context in a SOAP fault similar as in the SOAP body it is stored in the SOABPEXception itself. The fields defined by this structure should be filled accordingly to their description.

```
</documentation>
    </annotation>
  </element>
  <element name="timestamp" type="dateTime">
    <annotation>
      <documentation>
```

It MUST be set to the time at which the fault occurred. There MUST be only one timestamp element in BaseFault. In the absence of the time zone designation, the value MUST be interpreted as universal time (UTC) time.

Please note that machines within the T-Mobile universe do not have synchronized clocks.

Therefore the timestamp should be considered as a reference to the service provider agents log files.

```
</documentation>
```

```

</annotation>
</element>
<element name="originator" type="anyURI" minOccurs="0">
  <annotation>
    <documentation>

```

This element is an optional URI EndpointReference of the Web service that generated the fault. This element MAY be omitted if the fault originator is clearly implied by the context in which the fault appears (for example in a simple request response message exchange). One use of this element is in a situation of nested faults.

```

</documentation>
</annotation>
</element>
<element name="exceptionClass" type="string" minOccurs="0">
  <annotation>
    <documentation>

```

The exceptionClass contains a machine readable classification of the exception. Its up to the service provider to limit the number of classes here and provide the information which kind of errors can occur to the consumer.

This attribute is optional as a provider might find it more useful to distinguish all possible error cases with different fault types. Anyhow, this attribute provides flexibility to refine the type of the error in a machine interpretable way.

Please not that the name "class" is meant in a classification sense and not as an object oriented class.

```

</documentation>
</annotation>
</element>
<element name="subCode" type="string" minOccurs="0">
  <annotation>
    <documentation>

```

It should be filled when machine readable information of a nested error are available, e.g. a database error number could be stored here. It is up to the service provider to define the possible sub error codes and their meaning.

But generally it should be clear that the list of all possible sub error codes is not complete.

Consider the case of database errors; these are countless and can not be enumerated and described completely.

Best practise for such information would be to distinguish between typical cases which might need different treatment than the usual cases of the exception class.

```

</documentation>
</annotation>
</element>
<element name="description" type="string" minOccurs="0" maxOccurs="unbounded">
  <annotation>
    <documentation>

```

If used it contains a plain text description of the fault. This description is expected to be helpful in explaining the fault to users. There MAY be any number of description elements. SOA BP components will always issue their error messages in English.

```

</documentation>
</annotation>
</element>
<element name="completed" type="tns:EIOperationCompleted" minOccurs="0">
  <annotation>
    <documentation>

```

If this element is set the originator of the fault indicates if the requested operation was guaranteed cancelled or could be maybe completed. Often enough it is clear that a request was not successfully completed and it could be repeated later on when the error condition is cleared. But sometimes the outcome is not clear - consider a typical timeout situation. The provider did not respond in the agreed timeframe; it is simply not clear if it processed the request successfully or not.

This flag should help consumers to decide if a call can be safely retried (it was not completed) or if manual interaction is needed (call is not idempotent and maybe completed).

```

</documentation>
</annotation>
</element>
<element name="stackTraceString" type="string" minOccurs="0">
  <annotation>
    <documentation>

```

Allows to add stack trace information if an internal exception of the service provider occurred while processing the service. The stack trace is just intended as a quick debugging aid, thus its structure must just be understood by the service provider.

Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

```

</documentation>
</annotation>
</element>
<element name="furtherInfo" type="string" minOccurs="0" maxOccurs="unbounded">

```

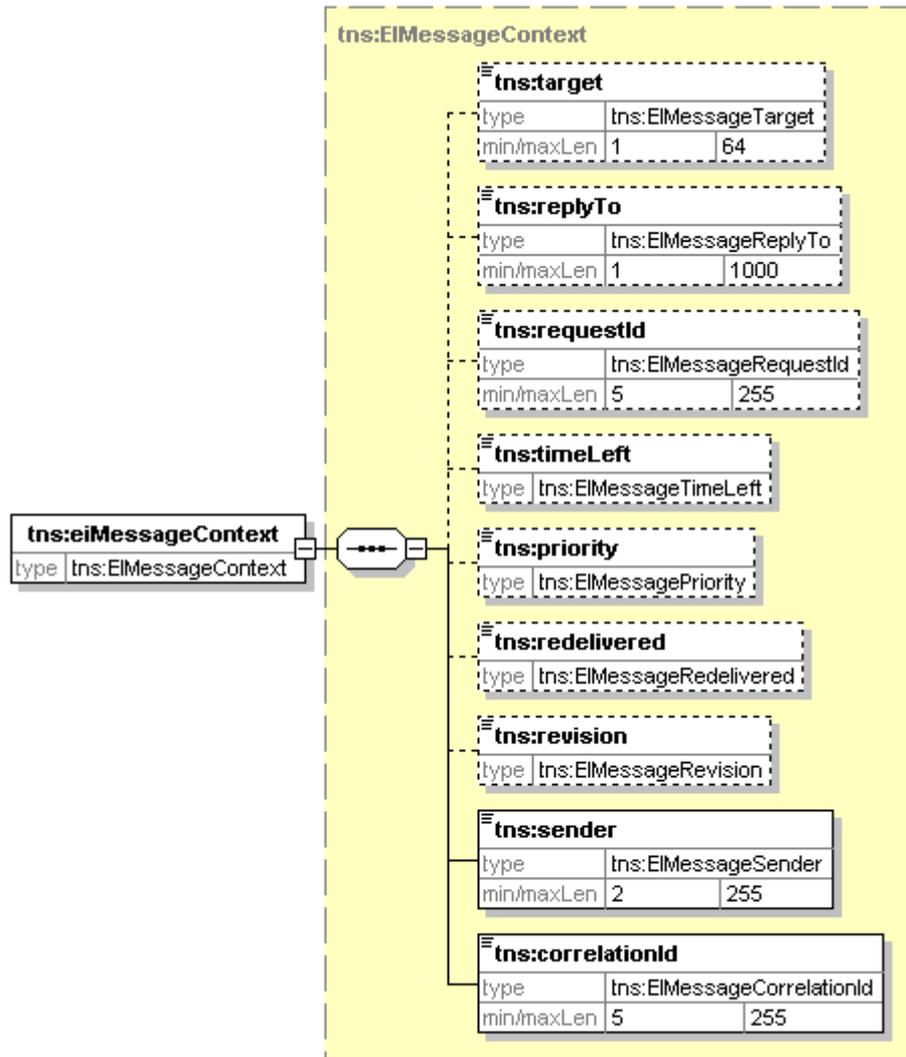
```

<annotation>
  <documentation>
    Additional human readable information can be added by using
    the furtherInfo attribute. Should be understood as a debugging
    aid for the service provider, thus unformatted text format is expected.
    Simplifies the usage of the exception when sub errors are not delivered
    as a SOABPEException (in such a case - when a nested service call failed -
    the resulting error SHOULD be added using the recursive feature of the
    base fault), e.g. a database error occurred.
    Subject to be removed from the exception when communicating to an external partner
    to not expose internals to the outside world.
  </documentation>
</annotation>
</element>
</sequence>
</complexType>

```

7.74 element SOABPEException/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext](#)

properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#)

annotation documentation

Defines the EI message context as in every message. As it is not possible to include the context in a SOAP fault similar as in the SOAP body it is stored in the SOABPEException itself. The fields defined by this structure

should be filled accordingly to their description.

```
source <element name="eiMessageContext" type="tns:EIMessageContext">
  <annotation>
    <documentation>
      Defines the EI message context as in every message. As it is not possible
      to include the context in a SOAP fault similar as in the SOAP body it is
      stored in the SOABPEXception itself. The fields defined by this structure
      should be filled accordingly to their description.
    </documentation>
  </annotation>
</element>
```

7.75 element SOABPEXception/timestamp



namespace <http://messaging.ei.tmobile.net/datatypes>

type **dateTime**

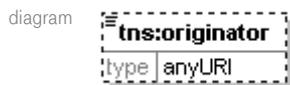
properties isRef 0
content simple

annotation documentation

It MUST be set to the time at which the fault occurred. There MUST be only one timestamp element in BaseFault. In the absence of the time zone designation, the value MUST be interpreted as universal time (UTC) time.
Please note that machines within the T-Mobile universe do not have synchronized clocks. Therefore the timestamp should be considered as a reference to the service provider agents log files.

```
source <element name="timestamp" type="dateTime">
  <annotation>
    <documentation>
      It MUST be set to the time at which the fault occurred. There MUST be only one timestamp
      element in BaseFault. In the absence of the time zone designation, the value MUST be
      interpreted as universal time (UTC) time.
      Please note that machines within the T-Mobile universe do not have synchronized clocks.
      Therefore the timestamp should be considered as a reference to the service provider agents log files.
    </documentation>
  </annotation>
</element>
```

7.76 element SOABPEXception/originator



namespace <http://messaging.ei.tmobile.net/datatypes>

type **anyURI**

properties isRef 0
minOcc 0
maxOcc 1
content simple

annotation documentation

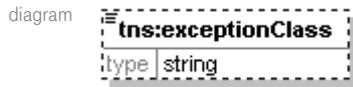
This element is an optional URI EndpointReference of the Web service that generated the fault. This element MAY be omitted if the fault originator is clearly implied by the context in which the fault appears (for example in a simple request response message exchange). One use of this element is in a situation of nested faults.

```
source <element name="originator" type="anyURI" minOccurs="0">
  <annotation>
    <documentation>
      This element is an optional URI EndpointReference of the Web service that generated the fault.
      This element MAY be omitted if the fault originator is clearly implied by the context in which
      the fault appears (for example in a simple request response message exchange). One use of this
    </documentation>
  </annotation>
</element>
```

element is in a situation of nested faults.

```
</documentation>  
</annotation>  
</element>
```

7.77 element SOABPEXception/exceptionClass



namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation documentation

The exceptionClass contains a machine readable classification of the exception. Its up to the service provider to limit the number of classes here and provide the information which kind of errors can occur to the consumer.

This attribute is optional as a provider might find it more useful to distinguish all possible error cases with different fault types. Anyhow, this attribute provides flexibility to refine the type of the error in a machine interpretable way.

Please not that the name "class" is meant in a classification sense and not as an object oriented class.

```
source <element name="exceptionClass" type="string" minOccurs="0">  
<annotation>  
<documentation>
```

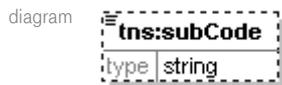
The exceptionClass contains a machine readable classification of the exception. Its up to the service provider to limit the number of classes here and provide the information which kind of errors can occur to the consumer.

This attribute is optional as a provider might find it more useful to distinguish all possible error cases with different fault types. Anyhow, this attribute provides flexibility to refine the type of the error in a machine interpretable way.

Please not that the name "class" is meant in a classification sense and not as an object oriented class.

```
</documentation>  
</annotation>  
</element>
```

7.78 element SOABPEXception/subCode



namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation documentation

It should be filled when machine readable information of a nested error are available, e.g. a database error number could be stored here. It is up to the service provider to define the possible sub error codes and their meaning.

But generally it should be clear that the list of all possible sub error codes is not complete.

Consider the case of database errors; these are countless and can not be enumerated and described completely.

Best practise for such information would be to distinguish between typical cases which might need different treatment than the usual cases of the exception class.

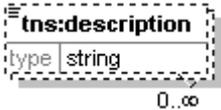
```
source <element name="subCode" type="string" minOccurs="0">  
<annotation>
```

```

<documentation>
It should be filled when machine readable information of a nested error are available, e.g.
a database error number could be stored here. It is up to the service provider to define the
possible sub error codes and their meaning.
But generally it should be clear that the list of all possible sub error codes is not complete.
Consider the case of database errors; these are countless and can not be enumerated and described
completely.
Best practise for such information would be to distinguish between typical cases which might
need different treatment than the usual cases of the exception class.
</documentation>
</annotation>
</element>

```

7.79 element SOAPException/description

diagram	
namespace	http://messaging.ei.tmobile.net/datatypes
type	string
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
annotation	documentation

If used it contains a plain text description of the fault. This description is expected to be helpful in explaining the fault to users. There MAY be any number of description elements. SOA BP components will always issue their error messages in English.

```

source <element name="description" type="string" minOccurs="0" maxOccurs="unbounded">
<annotation>
<documentation>

```

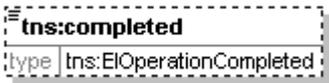
If used it contains a plain text description of the fault. This description is expected to be helpful in explaining the fault to users. There MAY be any number of description elements. SOA BP components will always issue their error messages in English.

```

</documentation>
</annotation>
</element>

```

7.80 element SOAPException/completed

diagram	
namespace	http://messaging.ei.tmobile.net/datatypes
type	tns:EIOperationCompleted
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	enumeration no enumeration maybe
annotation	documentation

If this element is set the originator of the fault indicates if the requested operation was guaranteed cancelled or could be maybe completed. Often enough it is clear that a request was not successfully completed and it could be repeated later on when the error condition is cleared. But sometimes the outcome is not clear - consider a typical timeout situation. The provider did not respond in the agreed timeframe; it is simply not clear if it processed the request successfully or not.

This flag should help consumers to decide if a call can be safely retried (it was not completed) or if manual interaction is needed (call is not idempotent and maybe completed).

```

source <element name="completed" type="tns:EIOperationCompleted" minOccurs="0">

```

```

<annotation>
  <documentation>
    If this element is set the originator of the fault indicates if the requested operation was
    guaranteed cancelled or could be maybe completed. Often enough it is clear that a request was not
    successfully completed and it could be repeated later on when the error condition is cleared. But
    sometimes the outcome is not clear - consider a typical timeout situation. The provider did not
    respond in the agreed timeframe; it is simply not clear if it processed the request successfully
    or not.
    This flag should help consumers to decide if a call can be safely retried (it was not completed)
    or if manual interaction is needed (call is not idempotent and maybe completed).
  </documentation>
</annotation>
</element>

```

7.81 element SOABPEXception/stackTraceString



namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple

annotation documentation

Allows to add stack trace information if an internal exception of the service provider occurred while processing the service. The stack trace is just intended as a quick debugging aid, thus its structure must just be understood by the service provider.

Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

```

source <element name="stackTraceString" type="string" minOccurs="0">
  <annotation>
    <documentation>

```

Allows to add stack trace information if an internal exception of the service provider occurred while processing the service. The stack trace is just intended as a quick debugging aid, thus its structure must just be understood by the service provider.

Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

```

  </documentation>
</annotation>
</element>

```

7.82 element SOABPEXception/furtherInfo



namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

properties

isRef	0
minOcc	0
maxOcc	unbounded
content	simple

annotation documentation

Additional human readable information can be added by using the furtherInfo attribute. Should be understood as a debugging aid for the service provider, thus unformatted text format is expected.

Simplifies the usage of the exception when sub errors are not delivered as a SOABPEXception (in such a case - when a nested service call failed - the resulting error SHOULD be added using the recursive feature of the

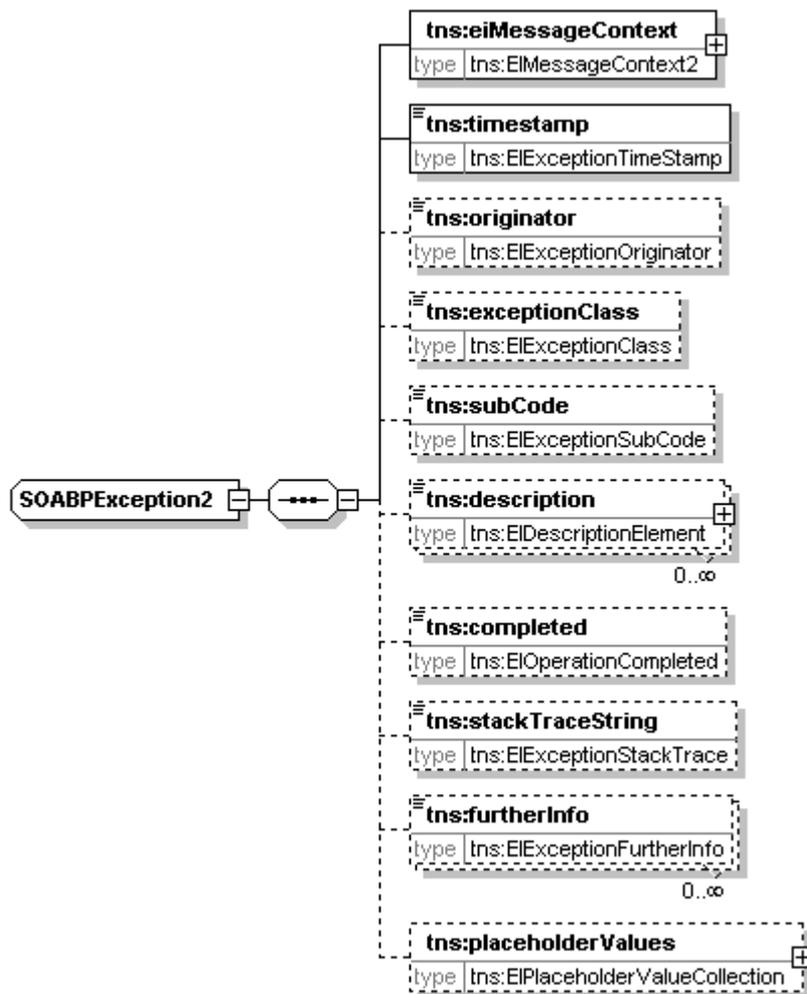
base fault), e.g. a database error occurred.
 Subject to be removed from the exception when communicating to an external partner
 to not expose internals to the outside world.

```

source <element name="furtherInfo" type="string" minOccurs="0" maxOccurs="unbounded">
  <annotation>
    <documentation>
      Additional human readable information can be added by using
      the furtherInfo attribute. Should be understood as a debugging
      aid for the service provider, thus unformatted text format is expected.
      Simplifies the usage of the exception when sub errors are not delivered
      as a SOABPEException (in such a case - when a nested service call failed -
      the resulting error SHOULD be added using the recursive feature of the
      base fault), e.g. a database error occurred.
      Subject to be removed from the exception when communicating to an external partner
      to not expose internals to the outside world.
    </documentation>
  </annotation>
</element>
  
```

7.83 complexType SOABPEException2

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

children [tns:eiMessageContext](#) [tns:timestamp](#) [tns:originator](#) [tns:exceptionClass](#) [tns:subCode](#) [tns:description](#) [tns:completed](#) [tns:stackTraceString](#) [tns:furtherInfo](#) [tns:placeholderValues](#)

annotation documentation

The SOABPEException2 is the designed default exception of the SOA backplane. All technical errors of the web service gateway are delivered by this error structure. It is also recommended to use the SOABPEException to deliver business errors.

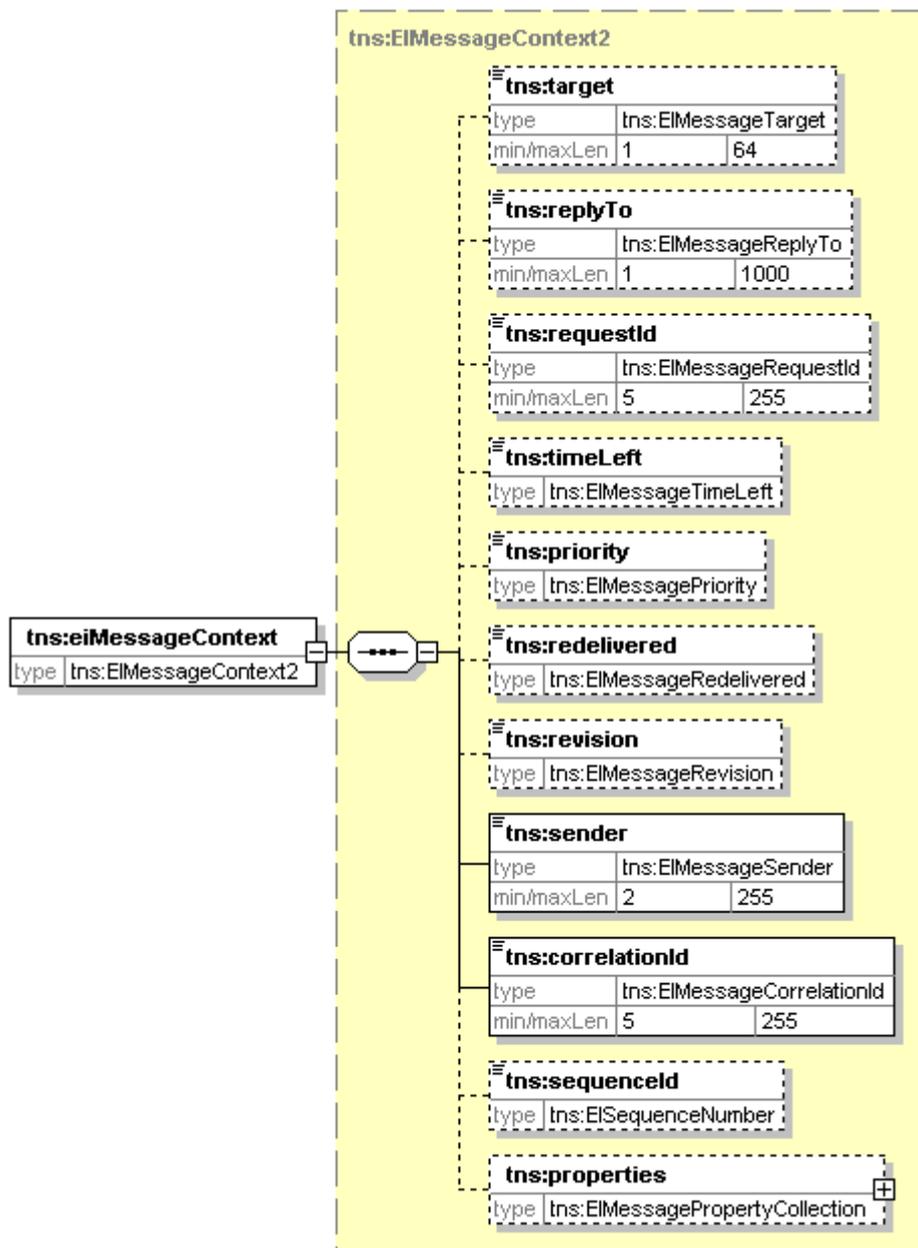
```

source <complexType name="SOABPEXception2">
  <annotation>
    <documentation>
      The SOABPEXception2 is the designed default exception of the SOA backplane. All technical
      errors of the web service gateway are delivered by this error structure. It is also recommended
      to use the SOABPEXception to deliver business errors.
    </documentation>
  </annotation>
  <sequence>
    <element name="eiMessageContext" type="tns:EIMessageContext2"/>
    <element name="timestamp" type="tns:EIExceptionTimeStamp"/>
    <element name="originator" type="tns:EIExceptionOriginator" minOccurs="0"/>
    <element name="exceptionClass" type="tns:EIExceptionClass" minOccurs="0"/>
    <element name="subCode" type="tns:EIExceptionSubCode" minOccurs="0"/>
    <element name="description" type="tns:EIExceptionDescriptionElement" minOccurs="0" maxOccurs="unbounded"/>
    <element name="completed" type="tns:EIExceptionOperationCompleted" minOccurs="0"/>
    <element name="stackTraceString" type="tns:EIExceptionStackTrace" minOccurs="0"/>
    <element name="furtherInfo" type="tns:EIExceptionFurtherInfo" minOccurs="0" maxOccurs="unbounded"/>
    <element name="placeholderValues" type="tns:EIExceptionPlaceholderValueCollection" minOccurs="0"/>
  </sequence>
</complexType>

```

7.84 element SOABPEXception2/eiMessageContext

diagram



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIMessageContext2](#)

properties isRef 0
content complex

children [tns:target](#) [tns:replyTo](#) [tns:requestId](#) [tns:timeLeft](#) [tns:priority](#) [tns:redelivered](#) [tns:revision](#) [tns:sender](#) [tns:correlationId](#) [tns:sequenceId](#) [tns:properties](#)

source `<element name="eiMessageContext" type="tns:EIMessageContext2"/>`

7.85 element SOABPEXception2/timestamp



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIExceptionTimeStamp](#)

properties isRef 0
content simple

source `<element name="timestamp" type="tns:EIExceptionTimeStamp"/>`

7.86 element SOABPEXception2/originator



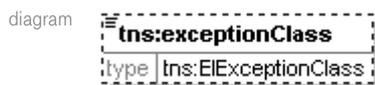
namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIExceptionOriginator](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

source `<element name="originator" type="tns:EIExceptionOriginator" minOccurs="0"/>`

7.87 element SOABPEXception2/exceptionClass



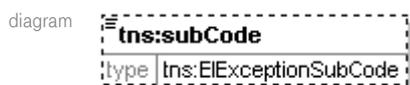
namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIExceptionClass](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

source `<element name="exceptionClass" type="tns:EIExceptionClass" minOccurs="0"/>`

7.88 element SOABPEXception2/subCode



namespace <http://messaging.ei.tmobile.net/datatypes>

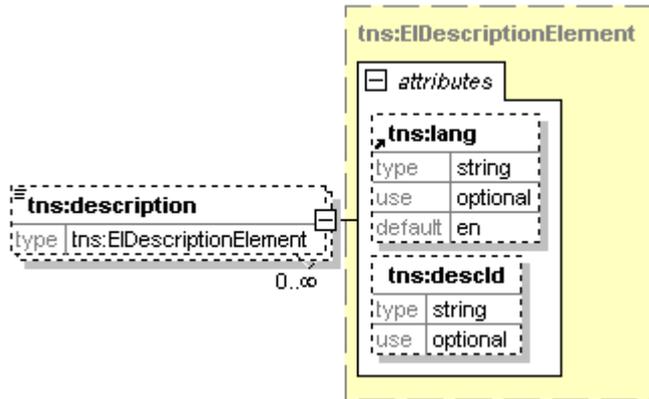
type [tns:EIExceptionSubCode](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

source `<element name="subCode" type="tns:EIExceptionSubCode" minOccurs="0"/>`

7.89 element SOABPEXception2/description

diagram



namespace `http://messaging.ei.tmobile.net/datatypes`

type [tns:EIExceptionSubCode](#)

properties
 isRef 0
 minOcc 0
 maxOcc unbounded
 content complex

attributes	Name	Type	Use	Default	Fixed	Annotation
	tns:lang		optional	en		
	tns:desclid	string	optional			

source `<element name="description" type="tns:EIExceptionSubCode" minOccurs="0" maxOccurs="unbounded"/>`

7.90 element SOABPEXception2/completed

diagram



namespace `http://messaging.ei.tmobile.net/datatypes`

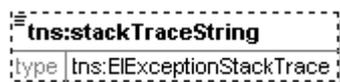
type [tns:EIExceptionSubCode](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 facets
 enumeration no
 enumeration maybe

source `<element name="completed" type="tns:EIExceptionSubCode" minOccurs="0"/>`

7.91 element SOABPEXception2/stackTraceString

diagram



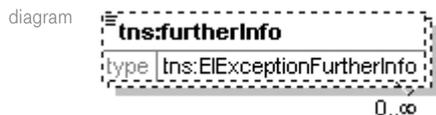
namespace `http://messaging.ei.tmobile.net/datatypes`

type [tns:EIExceptionSubCode](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

source `<element name="stackTraceString" type="tns:EIExceptionSubCode" minOccurs="0"/>`

7.92 element SOABPEXception2/furtherInfo



namespace <http://messaging.ei.tmobile.net/datatypes>

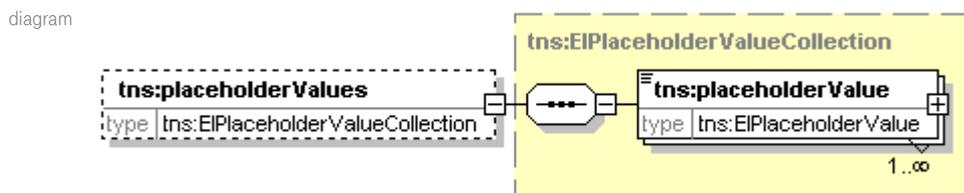
type [tns:EIExceptionFurtherInfo](#)

properties

- isRef 0
- minOcc 0
- maxOcc unbounded
- content simple

source `<element name="furtherInfo" type="tns:EIExceptionFurtherInfo" minOccurs="0" maxOccurs="unbounded"/>`

7.93 element SOABPEXception2/placeholderValues



namespace <http://messaging.ei.tmobile.net/datatypes>

type [tns:EIPlaceholderValueCollection](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content complex

children [tns:placeholderValue](#)

source `<element name="placeholderValues" type="tns:EIPlaceholderValueCollection" minOccurs="0"/>`

7.94 simpleType EIExceptionClass

namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

used by element [SOABPEXception2/exceptionClass](#)

annotation documentation

The exceptionClass contains a machine readable classification of the exception. Its up to the service provider to limit the number of classes here and provide the information which kind of errors can occur to the consumer.

This attribute is optional as a provider might find it more useful to distinguish all possible error cases with different fault types. Anyhow, this attribute provides flexibility to refine the type of the error in a machine interpretable way.

Please not that the name "class" is meant in a classification sense and not as an object oriented class.

source `<simpleType name="EIExceptionClass">
<annotation>
<documentation>`

The exceptionClass contains a machine readable classification of the exception. Its up to the service provider to limit the number of classes here and provide the information which kind of errors can occur to the consumer.

This attribute is optional as a provider might find it more useful to distinguish all possible error cases with different fault types. Anyhow, this attribute provides flexibility to refine the type of the error in a machine interpretable way.

Please not that the name "class" is meant in a classification sense and not as an object oriented class.

`</documentation>
</annotation>
<restriction base="string"/>`

</simpleType>

7.95 simpleType EIExceptionFurtherInfo

namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

used by element [SOABPEXception2/furtherInfo](#)

annotation documentation

Additional human readable information can be added by using the furtherInfo attribute. Should be understood as a debugging aid for the service provider, thus unformatted text format is expected. Simplifies the usage of the exception when sub errors are not delivered as a SOABPEXception (in such a case - when a nested service call failed - the resulting error SHOULD be added using the recursive feature of the base fault), e.g. a database error occurred. Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

source `<simpleType name="EIExceptionFurtherInfo">`

`<annotation>`

`<documentation>`

Additional human readable information can be added by using the furtherInfo attribute. Should be understood as a debugging aid for the service provider, thus unformatted text format is expected. Simplifies the usage of the exception when sub errors are not delivered as a SOABPEXception (in such a case - when a nested service call failed - the resulting error SHOULD be added using the recursive feature of the base fault), e.g. a database error occurred. Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

`</documentation>`

`</annotation>`

`<restriction base="string"/>`

`</simpleType>`

7.96 simpleType EIExceptionOriginator

namespace <http://messaging.ei.tmobile.net/datatypes>

type **anyURI**

used by element [SOABPEXception2/originator](#)

annotation documentation

This element is an optional URI EndpointReference of the Web service that generated the fault. This element MAY be omitted if the fault originator is clearly implied by the context in which the fault appears (for example in a simple request response message exchange). One use of this element is in a situation of nested faults.

source `<simpleType name="EIExceptionOriginator">`

`<annotation>`

`<documentation>`

This element is an optional URI EndpointReference of the Web service that generated the fault. This element MAY be omitted if the fault originator is clearly implied by the context in which the fault appears (for example in a simple request response message exchange). One use of this element is in a situation of nested faults.

`</documentation>`

`</annotation>`

`<restriction base="anyURI"/>`

`</simpleType>`

7.97 simpleType EIExceptionStackTrace

namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

used by element [SOABPException2/stackTraceString](#)

annotation documentation

Allows to add stack trace information if an internal exception of the service provider occurred while processing the service. The stack trace is just intended as a quick debugging aid, thus its structure must just be understood by the service provider.
Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.

source `<simpleType name="EIExceptionStackTrace">
<annotation>
<documentation>
Allows to add stack trace information if an internal exception of the service provider occurred while processing the service. The stack trace is just intended as a quick debugging aid, thus its structure must just be understood by the service provider.
Subject to be removed from the exception when communicating to an external partner to not expose internals to the outside world.
</documentation>
</annotation>
<restriction base="string"/>
</simpleType>`

7.98 simpleType EIExceptionSubCode

namespace <http://messaging.ei.tmobile.net/datatypes>

type **string**

used by element [SOABPException2/subCode](#)

annotation documentation

It should be filled when machine readable information of a nested error are available, e.g. a database error number could be stored here. It is up to the service provider to define the possible sub error codes and their meaning.
But generally it should be clear that the list of all possible sub error codes is not complete. Consider the case of database errors; these are countless and can not be enumerated and described completely.
Best practise for such information would be to distinguish between typical cases which might need different treatment than the usual cases of the exception class.

source `<simpleType name="EIExceptionSubCode">
<annotation>
<documentation>
It should be filled when machine readable information of a nested error are available, e.g. a database error number could be stored here. It is up to the service provider to define the possible sub error codes and their meaning.
But generally it should be clear that the list of all possible sub error codes is not complete. Consider the case of database errors; these are countless and can not be enumerated and described completely.
Best practise for such information would be to distinguish between typical cases which might need different treatment than the usual cases of the exception class.
</documentation>
</annotation>
<restriction base="string"/>
</simpleType>`

7.99 simpleType EIExceptionTimeStamp

namespace <http://messaging.ei.tmobile.net/datatypes>

type **dateTime**

used by element [SOABPException2/timestamp](#)

annotation documentation

It **MUST** be set to the time at which the fault occurred. There **MUST** be only one timestamp element in BaseFault. In the absence of the time zone designation, the value **MUST** be interpreted as universal time (UTC) time.
Please note that machines within the T-Mobile universe do not have synchronized clocks.

Therefore the timestamp should be considered as a reference to the service provider agents log files.

```
source <simpleType name="EIExceptionTimeStamp">
  <annotation>
    <documentation>
      It MUST be set to the time at which the fault occurred. There MUST be only one timestamp
      element in BaseFault. In the absence of the time zone designation, the value MUST be
      interpreted as universal time (UTC) time.
      Please note that machines within the T-Mobile universe do not have synchronized clocks.
      Therefore the timestamp should be considered as a reference to the service provider agents log files.
    </documentation>
  </annotation>
  <restriction base="dateTime"/>
</simpleType>
```

7.100 simpleType EIMessageCorrelationId

namespace <http://messaging.ei.tmobile.net/datatypes>

type restriction of **string**

used by elements [EIMessageContext/correlationId](#) [EIMessageContext2/correlationId](#)

facets
minLength 5
maxLength 255

annotation documentation

Correlation-ID of the Message.

It contains the unique identifier of a specific single instance of a business process. Ideally this ID is universally unique. It SHOULD be considered being an unstructured string and not be interpreted by any application receiving it. An application initiating a business process instance MUST set correlationId. The same ID MUST be used by every single application involved in executing this business process instance and sent with every single service request and response or fault. This allows messages to be correlated to this particular business process instance. Specifically a server MUST NOT create a new correlationId when sending a response or fault or in "nested service calls" belonging to the same business process instance. It MUST use the very same ID it received as part of a request. correlationId is used for Business Activity Monitoring, Message Warehouse, debugging and error management.

```
source <simpleType name="EIMessageCorrelationId">
  <annotation>
    <documentation>
```

Correlation-ID of the Message.

It contains the unique identifier of a specific single instance of a business process. Ideally this ID is universally unique. It SHOULD be considered being an unstructured string and not be interpreted by any application receiving it. An application initiating a business process instance MUST set correlationId. The same ID MUST be used by every single application involved in executing this business process instance and sent with every single service request and response or fault. This allows messages to be correlated to this particular business process instance. Specifically a server MUST NOT create a new correlationId when sending a response or fault or in "nested service calls" belonging to the same business process instance. It MUST use the very same ID it received as part of a request. correlationId is used for Business Activity Monitoring, Message Warehouse, debugging and error management.

```
</documentation>
</annotation>
<restriction base="string">
  <minLength value="5"/>
  <maxLength value="255"/>
</restriction>
</simpleType>
```

7.101 simpleType EIMessagePriority

namespace <http://messaging.ei.tmobile.net/datatypes>

type **short**

used by elements [EIMessageContext/priority](#) [EIMessageContext2/priority](#)

annotation documentation

Priority of the Message (0 = lowest; 9 = highest).

This element is optional and of type EIMessagePriority, which is an enumeration of xsd:short with values 0, 1, 2, 3, 4, 5, 6, 7, 8, 9. If used, it MUST be set to one of the enumeration values. As the ESB is built upon a product that is compliant to the JMS standard, priority is supported as described by this standard. JMS defines a ten-level priority value, with 0 as the lowest priority and 9 as the highest. In addition clients should consider priorities 0 to 4 as gradations of normal priority and priorities 5 to 9 as gradations of expedited priority. JMS does not require a product implementing the standard to strictly implement a priority ordering of messages; however, it should do its best to deliver expedited messages ahead of normal messages. Internally ESB defaults to 4 in case no priority is explicitly set. A server MAY honour priority.

```

source <simpleType name="EIMessagePriority">
  <annotation>
    <documentation>
      Priority of the Message (0 = lowest; 9 = highest).
      This element is optional and of type EIMessagePriority, which is an enumeration of xsd:short with values 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.
      If used, it MUST be set to one of the enumeration values. As the ESB is built upon a product that is compliant to the JMS standard,
      priority is supported as described by this standard. JMS defines a ten-level priority value, with 0 as the lowest priority and 9 as the
      highest. In addition clients should consider priorities 0 to 4 as gradations of normal priority and priorities 5 to 9 as gradations of
      expedited priority. JMS does not require a product implementing the standard to strictly implement a priority ordering of messages;
      however, it should do its best to deliver expedited messages ahead of normal messages. Internally ESB defaults to 4 in case no priority
      is explicitly set. A server MAY honour priority.
    </documentation>
  </annotation>
  <restriction base="short">
    <!-- enumeration value="0"-->
    <annotation>
      <documentation>lowest</documentation>
    </annotation>
    </enumeration>
    <enumeration value="1"/>
    <enumeration value="2"/>
    <enumeration value="3"/>
    <enumeration value="4"/>
    <enumeration value="5"/>
    <enumeration value="6"/>
    <enumeration value="7"/>
    <enumeration value="8"/>
    <enumeration value="9">
    <annotation>
      <documentation>highest</documentation>
    </annotation>
    </enumeration-->
  </restriction>
</simpleType>

```

7.102 simpleType EIMessageRedelivered

namespace	http://messaging.ei.tmobile.net/datatypes	
type	restriction of string	
used by	elements	EIMessageContext/redelivered EIMessageContext2/redelivered
facets	enumeration	CLIENT
	enumeration	SOABP
	enumeration	MANUAL
annotation	documentation	

Redelivered-Flag.
This flag is set by a client-application or SOA backplane-components whenever a message is delivered a second time.
This may be done because a redelivery is triggered via the message warehouse or because the web service gateway could not deliver a notification successfully the first time.
It might also be set by the client itself as the client does a retry (due to timeouts, errors, etc).
If this flag is set the server MAY do additional checks (e.g. duplicate) before processing the message.
If the flag is absent the message is considered as a first time delivery.

```

source <simpleType name="EIMessageRedelivered">
  <annotation>
    <documentation>
      Redelivered-Flag.
      This flag is set by a client-application or SOA backplane-components whenever a message is delivered a second time.
      This may be done because a redelivery is triggered via the message warehouse or because the web service gateway
      could not deliver a notification successfully the first time.
      It might also be set by the client itself as the client does a retry (due to timeouts, errors, etc).
      If this flag is set the server MAY do additional checks (e.g. duplicate) before processing the message.
      If the flag is absent the message is considered as a first time delivery.
    </documentation>
  </annotation>
  <restriction base="string">
    <enumeration value="CLIENT">
      <annotation>
        <documentation>redelivery by client-application</documentation>
      </annotation>
    </enumeration>
  </restriction>

```

```

<enumeration value="SOABP">
  <annotation>
    <documentation>redelivery by SOA-Backplane-components (WebService-Gateway or JMS-Server)</documentation>
  </annotation>
</enumeration>
<enumeration value="MANUAL">
  <annotation>
    <documentation>redelivery by human interaction (e.g. message-warehouse-operator)</documentation>
  </annotation>
</enumeration>
</restriction>
</simpleType>

```

7.103 simpleType EIMessageReplyTo

namespace <http://messaging.ei.tmobile.net/datatypes>

type restriction of **string**

used by elements [EIMessageContext/replyTo](#) [EIMessageContext2/replyTo](#)

facets

minLength	1
maxLength	1000

annotation documentation

The replyTo attribute is used in the context of asynchronous request/response scenarios. As no component has a state to store correlation or routing attributes in the message itself provides the replyTo field which MUST be returned by the client without interpretation. This field is modified by the binding components to store the response queue and the receiving component in it to be able to route the response correctly. The service consumer MUST NOT fill this attribute. It is in the responsibility of the service provider binding component to ensure that the service provider can understand and store the whole character set used in the replyTo field. It SHOULD just contain ASCII characters.

source

```

<simpleType name="EIMessageReplyTo">
  <annotation>
    <documentation>

```

The replyTo attribute is used in the context of asynchronous request/response scenarios. As no component has a state to store correlation or routing attributes in the message itself provides the replyTo field which MUST be returned by the client without interpretation. This field is modified by the binding components to store the response queue and the receiving component in it to be able to route the response correctly. The service consumer MUST NOT fill this attribute. It is in the responsibility of the service provider binding component to ensure that the service provider can understand and store the whole character set used in the replyTo field. It SHOULD just contain ASCII characters.

```

</documentation>
</annotation>
<restriction base="string">
  <minLength value="1"/>
  <maxLength value="1000"/>
</restriction>
</simpleType>

```

7.104 simpleType EIMessageRequestId

namespace <http://messaging.ei.tmobile.net/datatypes>

type restriction of **string**

used by elements [EIMessageContext/requestId](#) [EIMessageContext2/requestId](#)

facets

minLength	5
maxLength	255

annotation documentation

Request-ID of the Message.

If used, it MUST contain a unique identifier. Ideally this ID is universally unique. It SHOULD be considered being an unstructured string and not be interpreted by the service provider. As an interpretation of the content is not possible for the service provider and not all providers are capable of handling the complete UTF-8 character set the character set used for the requestId MUST be limited to plain ASCII.

requestId is not needed at all and can be omitted in a fully synchronous service usage. For asynchronous service usage the client needs some means to correlate a response to the original request. requestId SHOULD be used to serve this purpose. If a client has some other mechanism to do this correlation, it MAY use it. It is up to service user and service provider to agree on usage of a different mechanism.

If requestId is used in a service request, the server MUST pass on the very same value received by putting it into the requestId element of the corresponding service response or fault. This way the client receiving the response or fault can associate it correctly with the service request sent previously.

ESB always forwards a requestId without any interpretation or modification, independently of the MEP used.

source `<simpleType name="EIMessageRequestId">`
`<annotation>`
`<documentation>`
 Request-ID of the Message.
 If used, it MUST contain a unique identifier. Ideally this ID is universally unique. It SHOULD be considered being an unstructured string and not be interpreted by the service provider. As an interpretation of the content is not possible for the service provider and not all providers are capable of handling the complete UTF-8 character set the character set used for the requestId MUST be limited to plain ASCII.
 requestId is not needed at all and can be omitted in a fully synchronous service usage. For asynchronous service usage the client needs some means to correlate a response to the original request. requestId SHOULD be used to serve this purpose. If a client has some other mechanism to do this correlation, it MAY use it. It is up to service user and service provider to agree on usage of a different mechanism.
 If requestId is used in a service request, the server MUST pass on the very same value received by putting it into the requestId element of the corresponding service response or fault. This way the client receiving the response or fault can associate it correctly with the service request sent previously.
 ESB always forwards a requestId without any interpretation or modification, independently of the MEP used.
`</documentation>`
`</annotation>`
`<restriction base="string">`
`<minLength value="5"/>`
`<maxLength value="255"/>`
`</restriction>`
`</simpleType>`

7.105 simpleType EIMessageRevision

namespace `http://messaging.ei.tmobile.net/datatypes`
 type **string**
 used by elements [EIMessageContext/revision](#) [EIMessageContext2/revision](#)
 annotation `documentation`
 Revision-String.
 A user defined string which reflects the revision of the service description.
 This is currently purely meant as (debugging) information and not for automatic processing.
 As SOA Backplane SHOULD contain a concept to make compatible versions (or revisions) it is useful to know which revision is used by the client or server in its request.

source `<simpleType name="EIMessageRevision">`
`<annotation>`
`<documentation>`
 Revision-String.
 A user defined string which reflects the revision of the service description.
 This is currently purely meant as (debugging) information and not for automatic processing.
 As SOA Backplane SHOULD contain a concept to make compatible versions (or revisions) it is useful to know which revision is used by the client or server in its request.
`</documentation>`
`</annotation>`
`<restriction base="string"/>`
`</simpleType>`

7.106 simpleType EIMessageSender

namespace `http://messaging.ei.tmobile.net/datatypes`
 type restriction of **string**
 used by elements [EIMessageContext/sender](#) [EIMessageContext2/sender](#)
 facets `minLength 2`
`maxLength 255`
 annotation `documentation`
 This element is mandatory and of type EIMessageSender, which is a xsd:string with a length ranging from 2 to 255 and the specific format described below. sender identifies the component instance sending a message. It MUST contain an URI of the following format: sndr: [[username]@[component instance]]/[machine]/[instance]] The URI MUST contain the component instance.
 sender MUST be set for every single message sent. So both a client sending a service request and a server sending a response or fault must set sender to a value including their own component name and optionally machine and instance

source `<simpleType name="EIMessageSender">`
`<annotation>`
`<documentation>`
 This element is mandatory and of type EIMessageSender, which is a xsd:string with a length ranging from 2 to 255 and the specific format

described below. sender identifies the component instance sending a message. It MUST contain an URI of the following format: sndr: [[username]@[component instance]]/{machine}/{instance}}] The URI MUST contain the component instance. sender MUST be set for every single message sent. So both a client sending a service request and a server sending a response or fault must set sender to a value including their own component name and optionally machine and instance

```
</documentation>
</annotation>
<restriction base="string">
  <minLength value="2"/>
  <maxLength value="255"/>
</restriction>
</simpleType>
```

7.107 simpleType EIMessageTarget

namespace <http://messaging.ei.tmobile.net/datatypes>

type restriction of **string**

used by elements [EIMessageContext/target](#) [EIMessageContext2/target](#)

facets
minLength 1
maxLength 64

annotation documentation

Target of the Message. The target attribute is used to address a certain port of a service. Ports are directly linked to different service providers. Therefore the target attribute enables service consumers to address a certain service provider, e.g. when a service is provided by several local instances. Every port of a service gets a unique name. The defined port names can be used when calling the service. Using an undefined port name results in an error as the call cannot be routed.

```
source <simpleType name="EIMessageTarget">
  <annotation>
    <documentation>
```

Target of the Message. The target attribute is used to address a certain port of a service. Ports are directly linked to different service providers. Therefore the target attribute enables service consumers to address a certain service provider, e.g. when a service is provided by several local instances. Every port of a service gets a unique name. The defined port names can be used when calling the service. Using an undefined port name results in an error as the call cannot be routed. </documentation>

```
</annotation>
<restriction base="string">
  <minLength value="1"/>
  <maxLength value="64"/>
</restriction>
</simpleType>
```

7.108 simpleType EIMessageTimeLeft

namespace <http://messaging.ei.tmobile.net/datatypes>

type **long**

used by elements [EIMessageContext/timeLeft](#) [EIMessageContext2/timeLeft](#)

annotation documentation

Defines the lifetime of the request in the ESB in milliseconds.

This element is optional and of type EIMessageTimeLeft, which is a xsd:long. If used, it MUST contain a time interval in milliseconds. timeLeft MAY be used to support a timeout mechanism. If a client using a request / response service is not ready to wait longer than a specific time for a response, it MAY set timeLeft to define the timeout value. Whenever asked to forward a message with a timeLeft set, ESB calculates an expiration time stamp based on the value of timeLeft and the current UTC time. After that point in time passes, ESB writes a log entry when and moves the expired message to a "dead letter queue". Messages with no timeLeft specified or timeLeft set to 0 will not expire. Servers MAY use timeLeft to determine whether they should process a request or not. If the needed processing time is known to be longer than timeLeft, a server could refrain from further processing of the request. timeLeft is handed over to a server "as is", not reduced by ESB latency. So it does not exactly reflect the real time left, but it is still an upper limit.

```
source <simpleType name="EIMessageTimeLeft">
  <annotation>
```

```

<documentation>
Defines the lifetime of the request in the ESB in milliseconds.
This element is optional and of type EIMessageTimeLeft, which is a xsd:long. If used, it MUST contain a time interval in milliseconds.
timeLeft MAY be used to support a timeout mechanism. If a client using a request / response service is not ready to wait longer than a
specific time for a response, it MAY set timeLeft to define the timeout value. Whenever asked to forward a message with a timeLeft set,
ESB calculates an expiration time stamp based on the value of timeLeft and the current UTC time. After that point in time passes, ESB
writes a log entry when and moves the expired message to a "dead letter queue". Messages with no timeLeft specified or timeLeft set to
0 will not expire. Servers MAY use timeLeft to determine whether they should process a request or not. If the needed processing time is
known to be longer than timeLeft, a server could refrain from further processing of the request. timeLeft is handed over to a server "as
is", not reduced by ESB latency. So it does not exactly reflect the real time left, but it is still an upper limit.
</documentation>
</annotation>
<restriction base="long"/>
</simpleType>

```

7.109 simpleType EIOperationCompleted

namespace <http://messaging.ei.tmobile.net/datatypes>

type restriction of **string**

used by elements [SOABPException/completed](#) [SOABPException2/completed](#)

facets enumeration **no**
enumeration **maybe**

annotation documentation

If this element is set the originator of the fault indicates if the requested operation was guaranteed cancelled or could be maybe completed. Often enough it is clear that a request was not successfully completed and it could be repeated later on when the error condition is cleared. But sometimes the outcome is not clear - consider a typical timeout situation. The provider did not respond in the agreed timeframe; it is simply not clear if it processed the request successfully or not.

This flag should help consumers to decide if a call can be safely retried (it was not completed) or if manual interaction is needed (call is not idempotent and maybe completed).

If the flag is absent a consumer should assume that the call may be completed.

```

source <simpleType name="EIOperationCompleted">
<annotation>
<documentation>

```

If this element is set the originator of the fault indicates if the requested operation was guaranteed cancelled or could be maybe completed. Often enough it is clear that a request was not successfully completed and it could be repeated later on when the error condition is cleared. But sometimes the outcome is not clear - consider a typical timeout situation. The provider did not respond in the agreed timeframe; it is simply not clear if it processed the request successfully or not.

This flag should help consumers to decide if a call can be safely retried (it was not completed) or if manual interaction is needed (call is not idempotent and maybe completed).

If the flag is absent a consumer should assume that the call may be completed.

```

</documentation>
</annotation>
<restriction base="string">
<enumeration value="no">
<annotation>
<documentation>

```

This flag should be issued when it is clear that a operation was not executed.

This might be the case when e.g. the service provider was not reachable.

```

</documentation>
</annotation>
</enumeration>
<enumeration value="maybe">
<annotation>
<documentation>

```

This flag should be used when it is not clear to the sender of the fault if an operation was completed, e.g. when an exception because of an timeout was returned.

```

</documentation>
</annotation>
</enumeration>
</restriction>
</simpleType>

```

7.110 simpleType EIPingTargetType

namespace	http://messaging.ei.tmobile.net/datatypes	
type	restriction of string	
used by	elements	EIPingData/technicalComponent EIPingInfo/type
facets	enumeration	Client
	enumeration	Server
	enumeration	Provider
source	<pre><simpleType name="EIPingTargetType"> <restriction base="string"> <enumeration value="Client"/> <enumeration value="Server"/> <enumeration value="Provider"/> </restriction> </simpleType></pre>	

7.111 simpleType EISequenceNumber

namespace	http://messaging.ei.tmobile.net/datatypes	
type	positiveInteger	
used by	element	EIMessageContext2/sequenceId
annotation	documentation	<p>May be used to define a total order to notifications. The consumer of these notifications may than do reordering of necessary to get the original order back. The sequence number must be unique for the sender (defined by the sender attribute) and the notification type (defined by the qualified name of the operation).</p> <p>Please do also note that the notification provider must define a total order, which is often difficult.</p>
source	<pre><simpleType name="EISequenceNumber"> <annotation> <documentation> May be used to define a total order to notifications. The consumer of these notifications may than do reordering of necessary to get the original order back. The sequence number must be unique for the sender (defined by the sender attribute) and the notification type (defined by the qualified name of the operation). Please do also note that the notification provider must define a total order, which is often difficult. </documentation> </annotation> <restriction base="positiveInteger"/> </simpleType></pre>	

8 Description of the File API

8.1 File names and examples

8.1.1 SetSIMConfigAccess

File names:

SIM_cfs_<PartnerCrmlId>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SetSIMConfigAccess request filename:

SIM_cfs_2381_22_20110803104524.req.xml

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v30="http://m2m-
ws.telekom.de/M2MAdm/v30" xmlns:dat="http://messaging.ei.tmobile.net/datatypes" xmlns:m2m="http://m2m-
ws.telekom.de/M2MAdm">
  <soapenv:Header/>
  <soapenv:Body>
    <v30:SetSIMConfigAccess>
      <eiMessageContext>
        <dat:sender>Acme_Inc</dat:sender>
        <dat:correlationId>bfe70817-4dfd-49bb-a001-779336ad9a0e</dat:correlationId>
      </eiMessageContext>
      <data>

        <m2m:SetSIMConfigAccess>
          <m2m:Header>
            <m2m:M2MApiKey>4a8f6faa21ae47969e14cec848ee4140</m2m:M2MApiKey>
          </m2m:Header>

          <m2m:OBsetSIMConfigAccessRequest>
            <m2m:Identifier>
              <m2m:MSISDN>49126460546</m2m:MSISDN>
            </m2m:Identifier>
            <m2m:APNList>
              <!-- 1 to 3 repetitions-->
              <m2m:APNParameters>
                <m2m:APNAddress>test.pl</m2m:APNAddress>
              </m2m:APNParameters>
              <m2m:APNParameters>
                <m2m:APNAddress>10.3.2.1</m2m:APNAddress>
                <m2m:IPAddress>10.2.3.1</m2m:IPAddress>
              </m2m:APNParameters>
            </m2m:APNList>
          </m2m:OBsetSIMConfigAccessRequest>

          <m2m:OBsetSIMConfigAccessRequest>
            <m2m:Identifier>
              <m2m:ICCID>89120706132700000031</m2m:ICCID>
            </m2m:Identifier>
            <m2m:APNList>
              <!-- 1 to 3 repetitions-->
              <m2m:APNParameters>
                <m2m:APNAddress>test.pl</m2m:APNAddress>
              </m2m:APNParameters>
              <m2m:APNParameters>
                <m2m:APNAddress>10.3.2.1</m2m:APNAddress>
                <m2m:IPAddress>10.2.3.1</m2m:IPAddress>
              </m2m:APNParameters>
            </m2m:APNList>
          </m2m:OBsetSIMConfigAccessRequest>
        </m2m:SetSIMConfigAccess>
      </data>
    </v30:SetSIMConfigAccess>
  </soapenv:Body>
```

```
</soapenv:Envelope>
```

8.1.2 GetSIMConfigAccess

File names:

SIM_cfg_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req|res>.xml

Sample GetSIMConfigAccess request filename:

SIM_cfg_2381_22_20110803104524.req.xml

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v30="http://m2m-
ws.telekom.de/M2MMon/v30" xmlns:dat="http://messaging.ei.tmobile.net/datatypes" xmlns:m2m="http://m2m-
ws.telekom.de/M2MMon">
  <soapenv:Header/>
  <soapenv:Body>
    <v30:GetSIMConfigAccess>
      <eiMessageContext>
        <dat:sender> Acme_Inc </dat:sender>
        <dat:correlationId> bfe70817-4dfd-49bb-a001-779336ad9a0e </dat:correlationId>
      </eiMessageContext>
      <data>
        <m2m:GetSIMConfigAccess>
          <m2m:Header>
            <m2m:M2MApiKey>4a8f6faa21ae47969e14cec848ee4140</m2m:M2MApiKey>
          </m2m:Header>
          <!-- 1 to 100 repetitions:-->
          <m2m:OBgetSIMConfigAccessRequest>
            <m2m:Identifier>
              <m2m:MSISDN>49126460549</m2m:MSISDN>
            </m2m:Identifier>
          </m2m:OBgetSIMConfigAccessRequest>
          <m2m:OBgetSIMConfigAccessRequest>
            <m2m:Identifier>
              <m2m:ICCID>89120417135300000010</m2m:ICCID>
            </m2m:Identifier>
          </m2m:OBgetSIMConfigAccessRequest>
        </m2m:GetSIMConfigAccess>
      </data>
    </v30:GetSIMConfigAccess>
  </soapenv:Body>
</soapenv:Envelope>
```

8.1.3 SIMActivation

File names:

SIM_act_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req|res>.xml

Sample SIMActivation request filename:

SIM_act_2381_22_20110803104524.req.xml

8.1.4 SIMCancellation

File names:

SIM_can_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req|res>.xml

Sample SIMCancellation request filename:

SIM_can_2381_22_20110803104524.req.xml

8.1.5 TariffOptionChange

File names:

OPT_chg_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req|res>.xml

Sample TariffOptionChange request filename:

OPT_chg_2381_22_20110803104524.req.xml

8.1.6 SIMLimitSet

File names:

SIM_lms_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMLimitSet request filename:

SIM_lms_2381_22_20110803104524.req.xml

8.1.7 BarrierModificationSet

File names:

BAR_mod_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample BarrierModificationSet request filename:

BAR_mod_2381_22_20110803104524.req.xml

8.1.8 BarrierModificationRemove

File names:

BAR_mod_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample BarrierModification request filename:

BAR_mod_2381_22_20110803104524.req.xml

8.1.9 SIMStatusPush

File names:

SIM_sts_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMStatusPush request filename:

SIM_sts_2381_22_20110803104524.req.xml

8.1.10 SIMSuspension

File names:

SIM_sus_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMSuspension request filename:

SIM_sus_2381_22_20110803104524.req.xml

8.1.11 SIMResumption

File names:

SIM_res_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMResumption request filename:

SIM_res_2381_22_20110803104524.req.xml

8.1.12 SIMVoiceSettingsSet

File names:

SIM_vcs_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMVoiceSettingsSet request filename:

SIM_vcs_2381_22_20110803104524.req.xml

8.1.13 TemplateSIMActivation

File names:

SIM_tac_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample TemplateSIMActivation request filename:

SIM_tac_2381_22_20110803104524.req.xml

8.1.14 AddSIMConfigAccess

File names:

SIM_cfa_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample AddSIMConfigAccess request filename:

SIM_cfa_2381_22_20110803104524.req.xml

8.1.15 SubtractSIMConfigAccess

File names:

SIM_cfu_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SubtractSIMConfigAccess request filename:

SIM_cfu_2381_22_20110803104524.req.xml

8.1.16 DeleteSIMConfigAccess

File names:

SIM_cfd_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample DeleteSIMConfigAccess request filename:

SIM_cfd_2381_22_20110803104524.req.xml

8.1.17 OverrideLimit

File names:

OVR_lim_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample OverrideLimit request filename:

OVR_lim_2381_22_20110803104524.req.xml

8.1.18 RestoreLimit

File names:

RST_lim_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample RestoreLimit request filename:

RST_lim_2381_22_20110803104524.req.xml

8.1.19 NetworkProfileSet

File names:

NET_pro_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample NetworkProfileSet request filename:

NET_pro_2381_22_20110803104524.req.xml

8.1.20 SIMTariffChange

File names:

SIM_tch_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample SIMTariffChange request filename:

SIM_tch_2381_22_20110803104524.req.xml

8.1.21 TemplateSIMTariffChange

File names:

SIM_ttc_<PartnerCrmlD>_<ExternalId>_<YYYYMMDDHHMISS>.<req | res>.xml

Sample TemplateSIMTariffChange request filename:

SIM_ttc_2381_22_20110803104524.req.xml

8.1.22 Response XML file

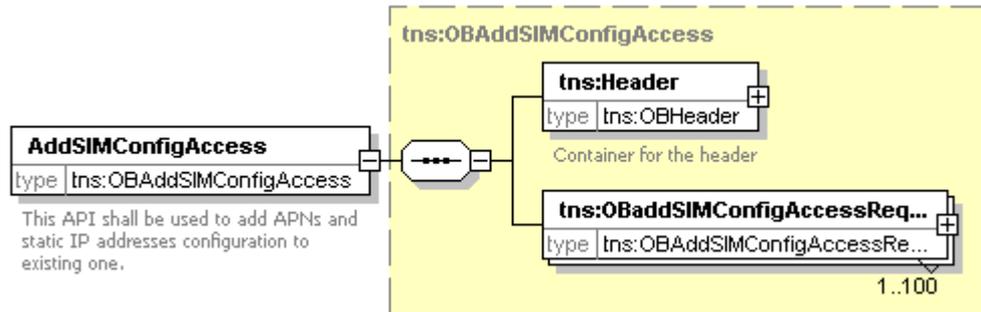
Response files are identical with webservice response.

Additional information about error responses can be found in chapter 2.7.

8.2 M2MAdmFile

8.2.1 element AddSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAddSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBAddSIMConfigAccessRequest](#)

annotation documentation

This API shall be used to add APNs and static IP addresses configuration to existing one.

source `<element name="AddSIMConfigAccess" type="tns:OBAddSIMConfigAccess">`

`<annotation>`

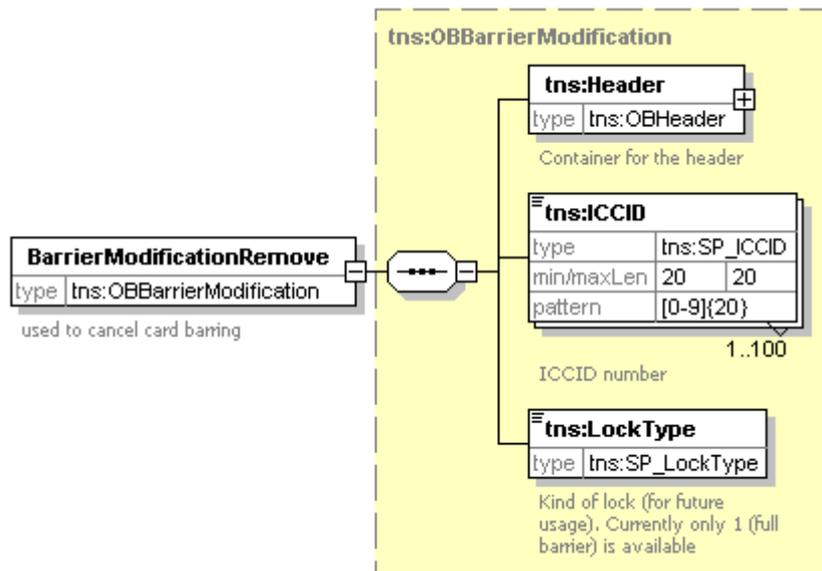
`<documentation>This API shall be used to add APNs and static IP addresses configuration to existing one.</documentation>`

`</annotation>`

`</element>`

8.2.2 element BarrierModificationRemove

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBBarrierModification](#)

properties content complex

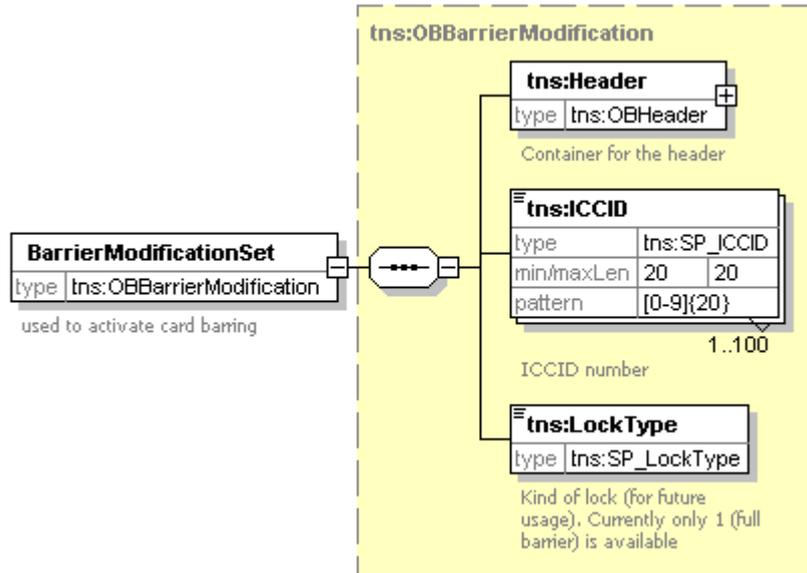
children [tns:Header](#) [tns:ICCID](#) [tns:LockType](#)

annotation documentation
used to cancel card barring

source `<element name="BarrierModificationRemove" type="tns:OBBarrierModification">`
`<annotation>`
`<documentation>used to cancel card barring</documentation>`
`</annotation>`
`</element>`

8.2.3 element BarrierModificationSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBBarrierModification](#)

properties content complex

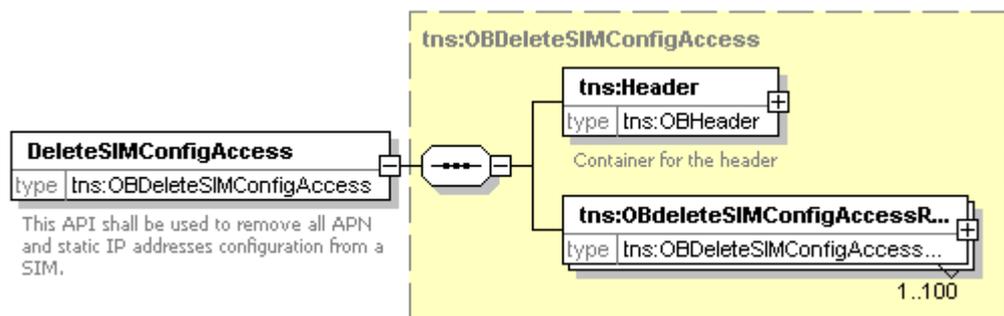
children [tns:Header](#) [tns:ICCID](#) [tns:LockType](#)

annotation documentation
used to activate card barring

source `<element name="BarrierModificationSet" type="tns:OBBarrierModification">`
`<annotation>`
`<documentation>used to activate card barring</documentation>`
`</annotation>`
`</element>`

8.2.4 element DeleteSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBDeleteSIMConfigAccess](#)

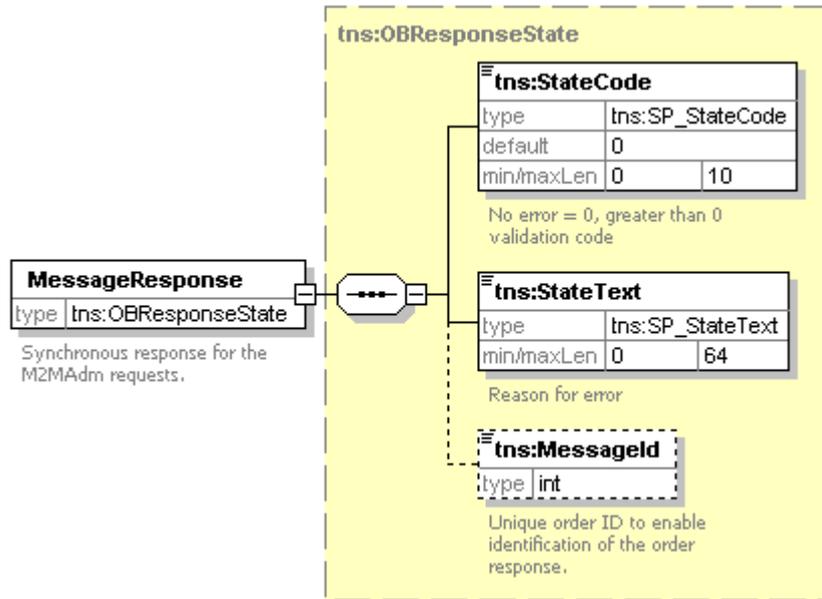
properties content complex

children [tns:Header](#) [tns:OBdeleteSIMConfigAccessRequest](#)

annotation documentation
 This API shall be used to remove all APN and static IP addresses configuration from a SIM.
 source `<element name="DeleteSIMConfigAccess" type="tns:OBDeleteSIMConfigAccess">`
`<annotation>`
`<documentation>`This API shall be used to remove all APN and static IP addresses configuration from a
 SIM.`</documentation>`
`</annotation>`
`</element>`

8.2.5 element MessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBResponseState](#)

properties content complex

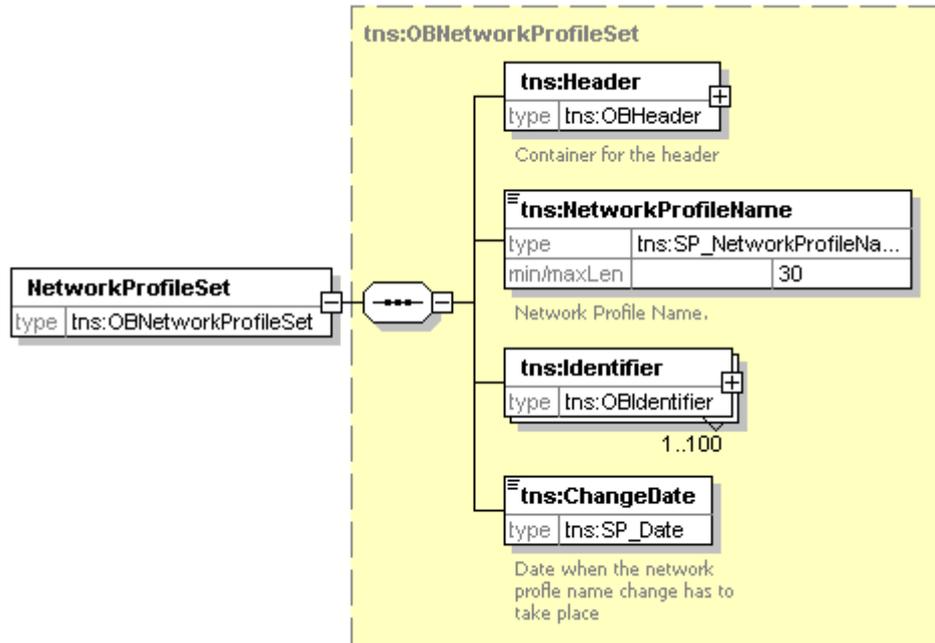
children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
 Synchronous response for the M2MAdm requests.

source `<element name="MessageResponse" type="tns:OBResponseState">`
`<annotation>`
`<documentation>`Synchronous response for the M2MAdm requests.`</documentation>`
`</annotation>`
`</element>`

8.2.6 element NetworkProfileSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBNetworkProfileSet](#)

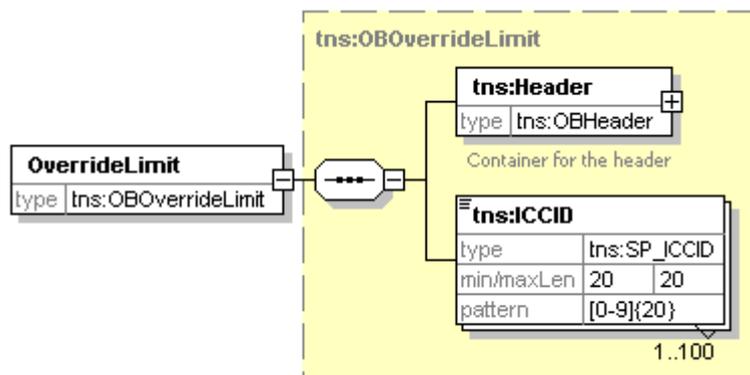
properties content complex

children [tns:Header](#) [tns:NetworkProfileName](#) [tns:Identifier](#) [tns:ChangeDate](#)

source `<element name="NetworkProfileSet" type="tns:OBNetworkProfileSet">`
`<annotation>`
`<documentation/>`
`</annotation>`
`</element>`

8.2.7 element OverrideLimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBOVERRIDELimit](#)

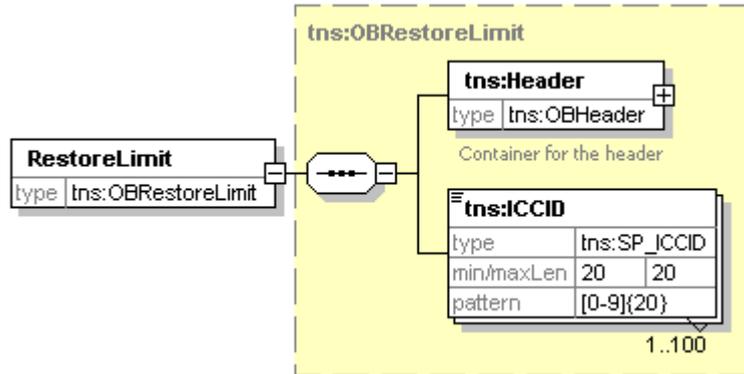
properties content complex

children [tns:Header](#) [tns:ICCID](#)

source `<element name="OverrideLimit" type="tns:OBOVERRIDELimit">`
`<annotation>`
`<documentation/>`
`</annotation>`
`</element>`

8.2.8 element RestoreLimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBRestoreLimit](#)

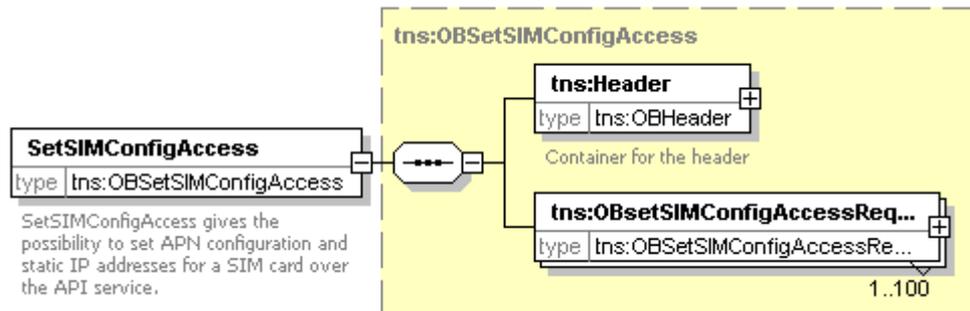
properties content complex

children [tns:Header](#) [tns:ICCID](#)

```
source <element name="RestoreLimit" type="tns:OBRestoreLimit">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

8.2.9 element SetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSetSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBsetSIMConfigAccessRequest](#)

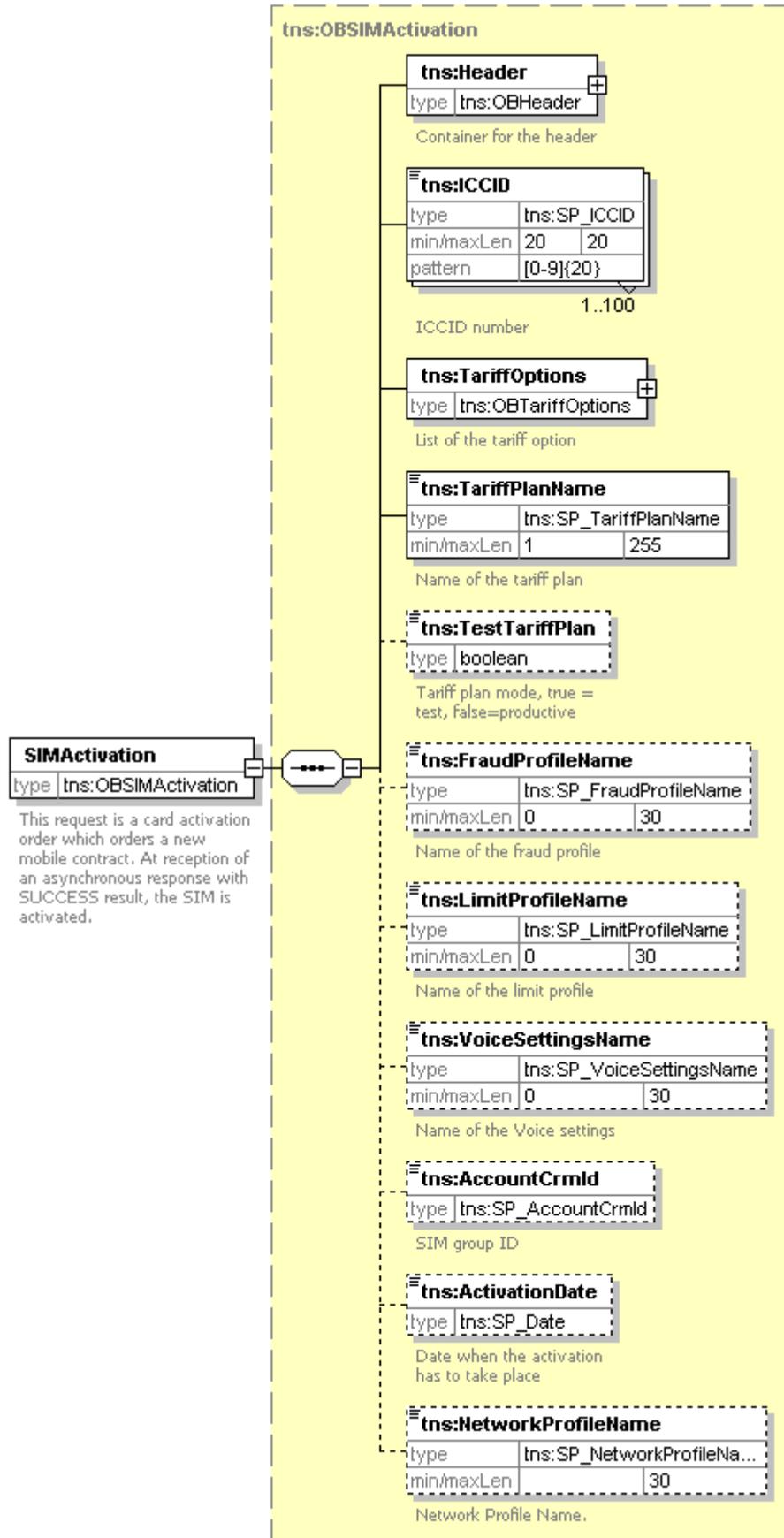
annotation documentation

SetSIMConfigAccess gives the possibility to set APN configuration and static IP addresses for a SIM card over the API service.

```
source <element name="SetSIMConfigAccess" type="tns:OBSetSIMConfigAccess">
  <annotation>
    <documentation>SetSIMConfigAccess gives the possibility to set APN configuration and static IP addresses for a SIM
    card over the API service.</documentation>
  </annotation>
</element>
```

8.2.10 element SIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMActivation](#)

properties content complex

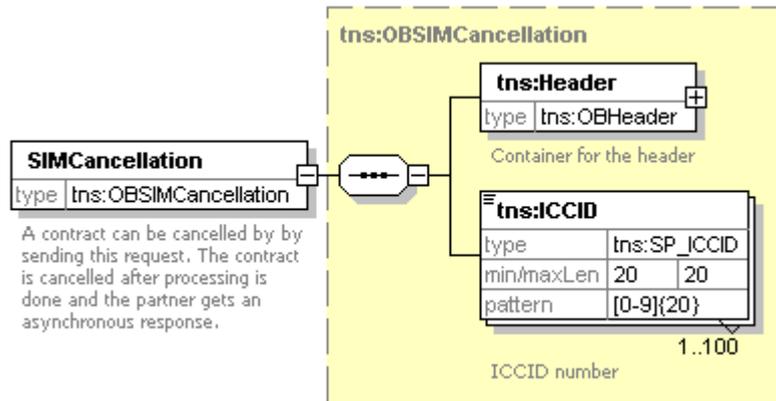
children [tns:Header](#) [tns:ICCID](#) [tns:TariffOptions](#) [tns:TariffPlanName](#) [tns:TestTariffPlan](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:VoiceSettingsName](#) [tns:AccountCrmlid](#) [tns:ActivationDate](#) [tns:NetworkProfileName](#)

annotation documentation
This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.

source `<element name="SIMActivation" type="tns:OBSIMActivation">`
`<annotation>`
`<documentation>`This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.`</documentation>`
`</annotation>`
`</element>`

8.2.11 element SIMCancellation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMCancellation](#)

properties content complex

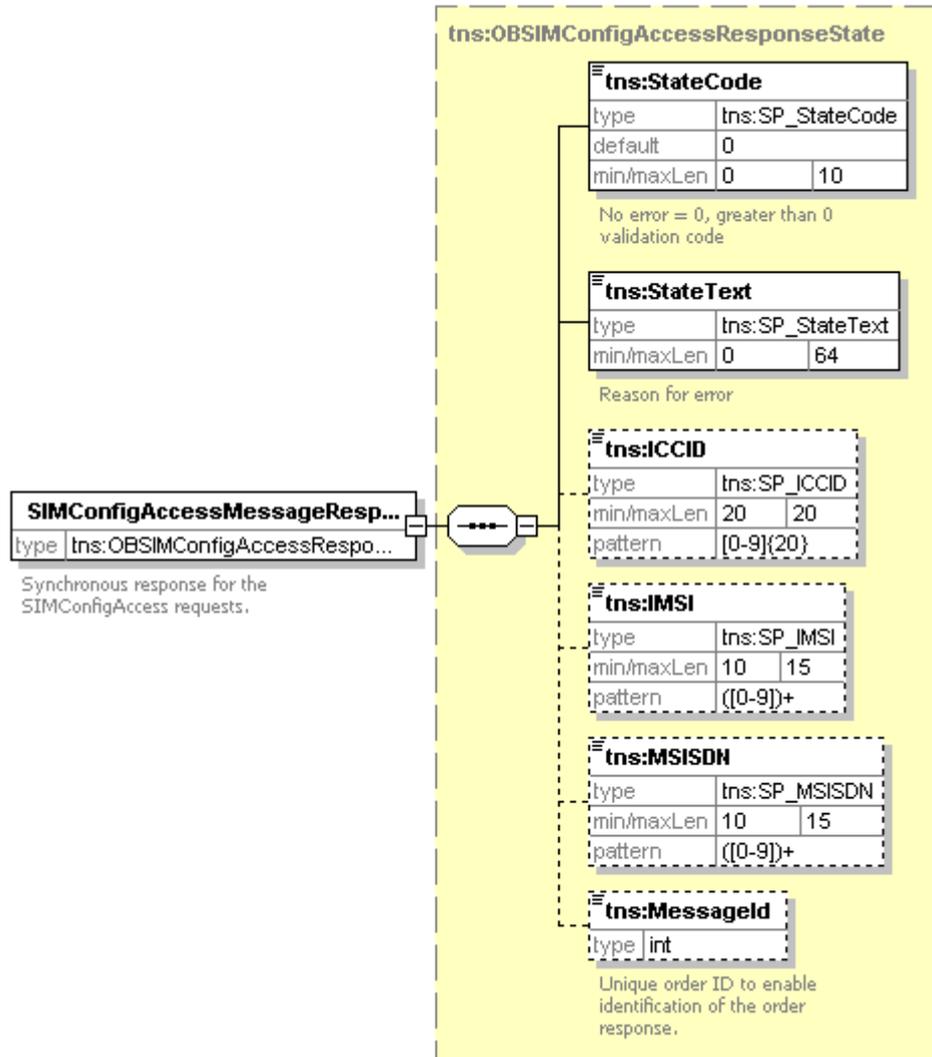
children [tns:Header](#) [tns:ICCID](#)

annotation documentation
A contract can be cancelled by by sending this request. The contract is cancelled after processing is done and the partner gets an asynchronous response.

source `<element name="SIMCancellation" type="tns:OBSIMCancellation">`
`<annotation>`
`<documentation>`A contract can be cancelled by by sending this request. The contract is cancelled after processing is done and the partner gets an asynchronous response.`</documentation>`
`</annotation>`
`</element>`

8.2.12 element SIMConfigAccessMessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMConfigAccessResponseState](#)

properties content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:MessageId](#)

annotation documentation

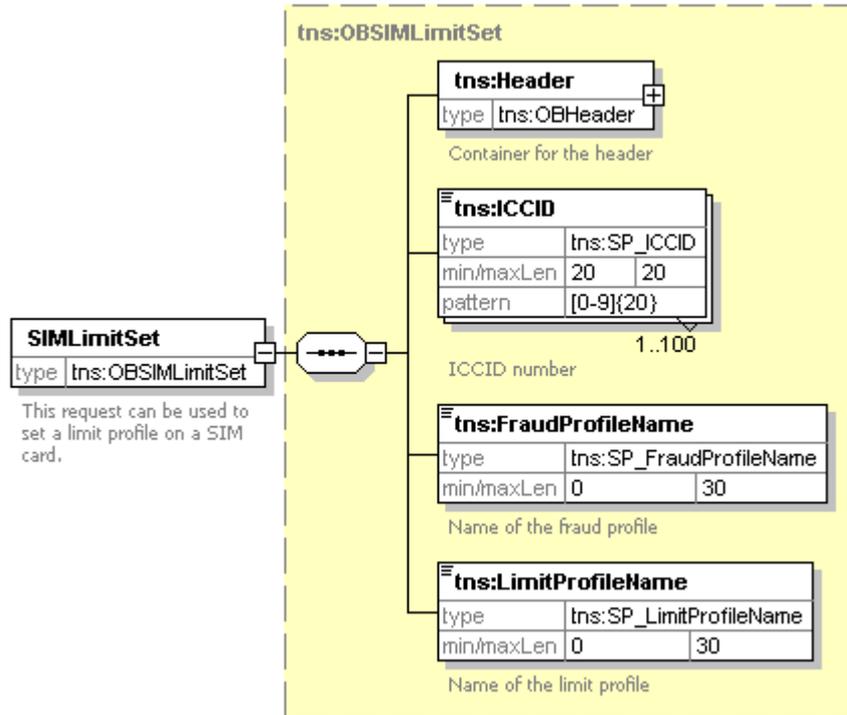
Synchronous response for the SIMConfigAccess requests.

source

```
<element name="SIMConfigAccessMessageResponse" type="tns:OBSIMConfigAccessResponseState">
  <annotation>
    <documentation>Synchronous response for the SIMConfigAccess requests.</documentation>
  </annotation>
</element>
```

8.2.13 element SIMLimitSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMLimitSet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#)

documentation

This request can be used to set a limit profile on a SIM card.

source `<element name="SIMLimitSet" type="tns:OBSIMLimitSet">`

`<annotation>`

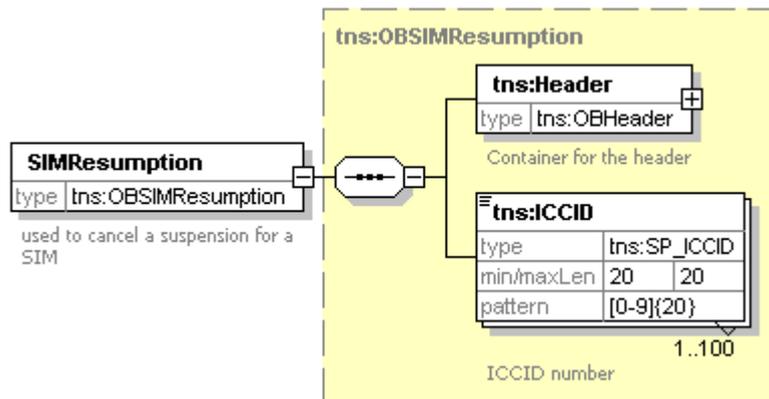
`<documentation>This request can be used to set a limit profile on a SIM card.</documentation>`

`</annotation>`

`</element>`

8.2.14 element SIMResumption

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMResumption](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

documentation

used to cancel a suspension for a SIM

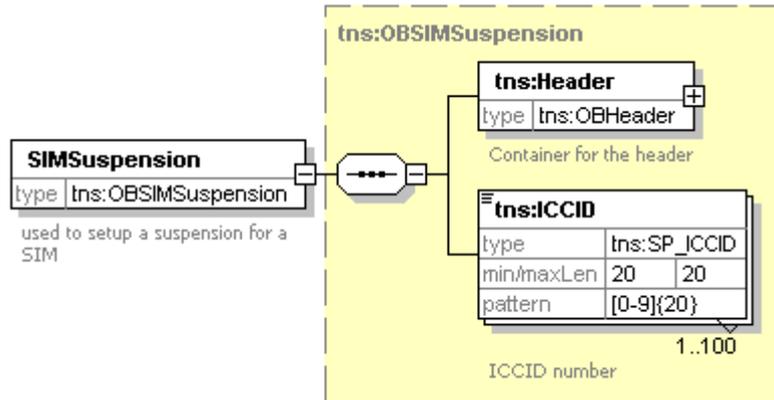
```

source <element name="SIMResumption" type="tns:OBSIMResumption">
  <annotation>
    <documentation>used to cancel a suspension for a SIM</documentation>
  </annotation>
</element>

```

8.2.15 element SIMSuspension

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMSuspension](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation
used to setup a suspension for a SIM

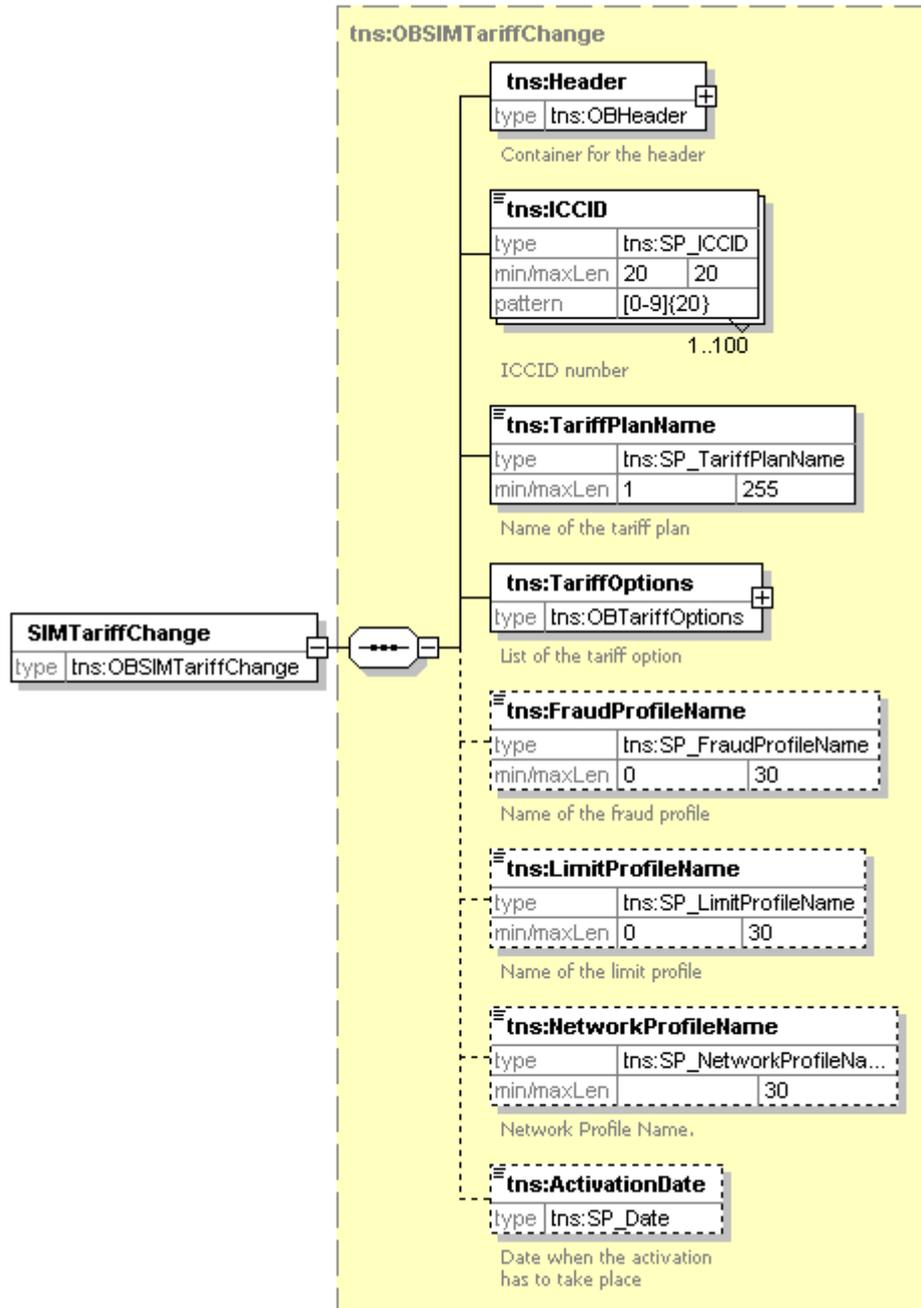
```

source <element name="SIMSuspension" type="tns:OBSIMSuspension">
  <annotation>
    <documentation>used to setup a suspension for a SIM</documentation>
  </annotation>
</element>

```

8.2.16 element SIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMTariffChange](#)

properties content complex

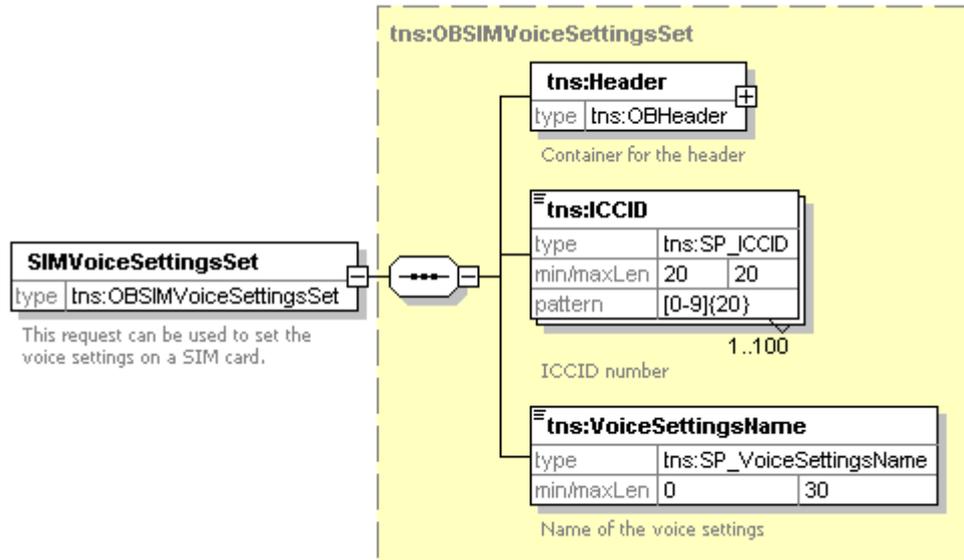
children [tns:Header](#) [tns:ICCID](#) [tns:TariffPlanName](#) [tns:TariffOptions](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:NetworkProfileName](#) [tns:ActivationDate](#)

source

```
<element name="SIMTariffChange" type="tns:OBSIMTariffChange">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

8.2.17 element SIMVoiceSettingsSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSIMVoiceSettingsSet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:VoiceSettingsName](#)

documentation

This request can be used to set the voice settings on a SIM card.

source `<element name="SIMVoiceSettingsSet" type="tns:OBSIMVoiceSettingsSet">`

`<annotation>`

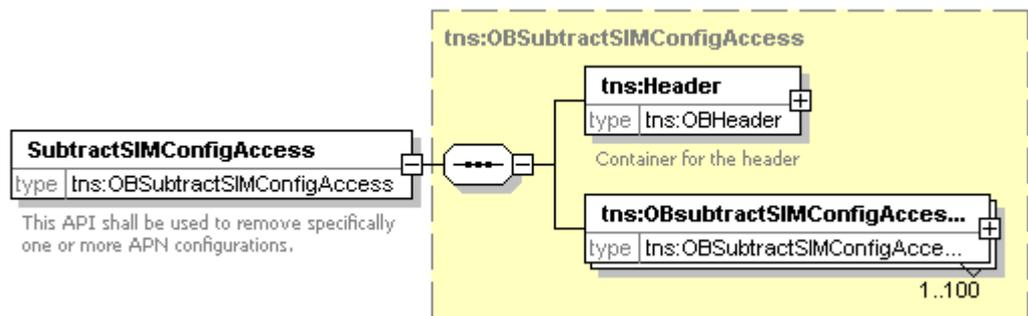
`<documentation>This request can be used to set the voice settings on a SIM card.</documentation>`

`</annotation>`

`</element>`

8.2.18 element SubtractSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSubtractSIMConfigAccess](#)

properties content complex

children [tns:Header](#) [tns:OBSubtractSIMConfigAccessRequest](#)

documentation

This API shall be used to remove specifically one or more APN configurations.

source `<element name="SubtractSIMConfigAccess" type="tns:OBSubtractSIMConfigAccess">`

`<annotation>`

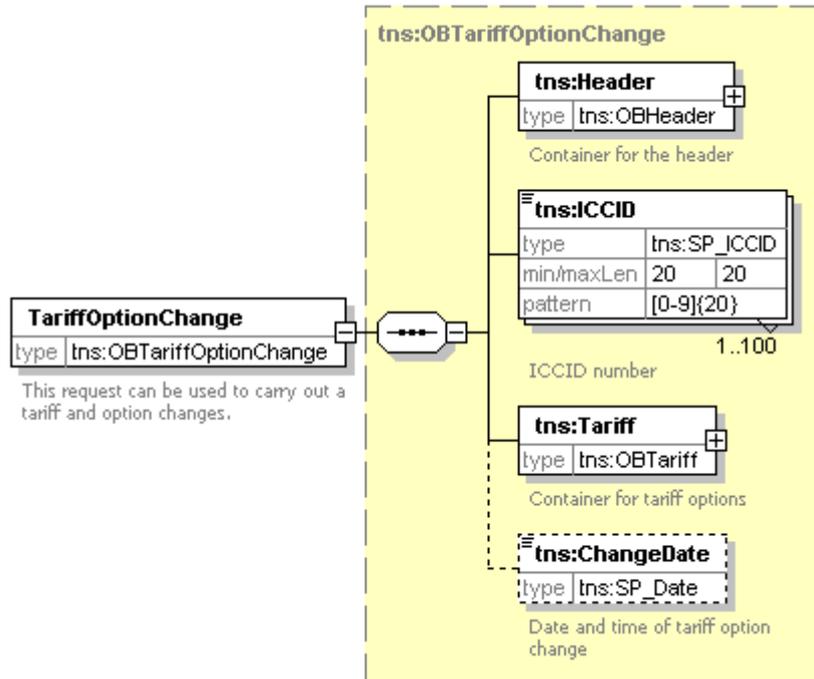
`<documentation>This API shall be used to remove specifically one or more APN configurations.</documentation>`

`</annotation>`

`</element>`

8.2.19 element TariffOptionChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptionChange](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:Tariff](#) [tns:ChangeDate](#)

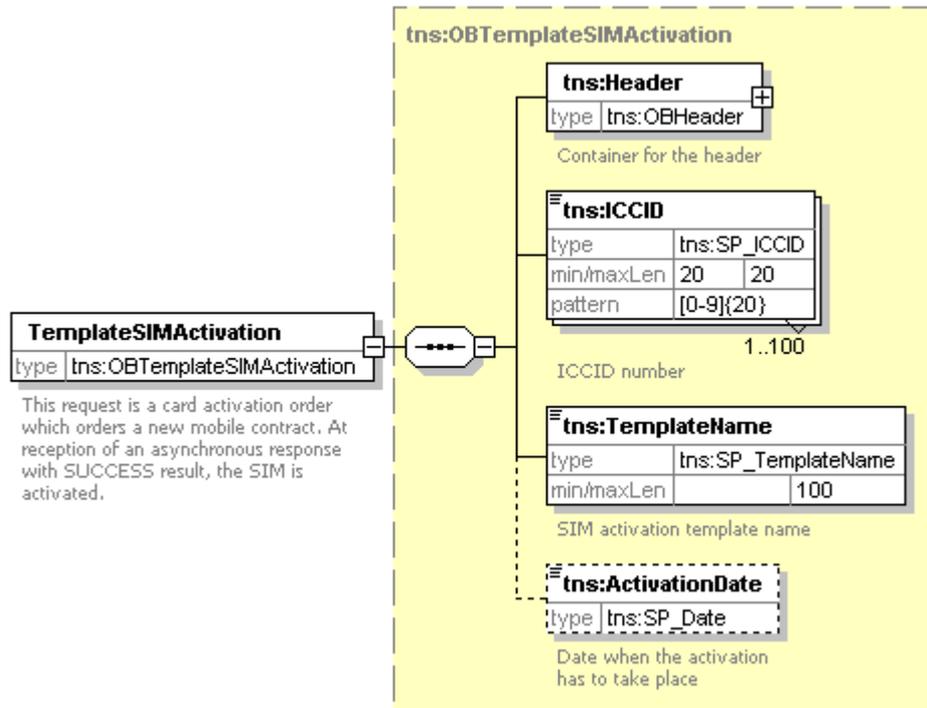
annotation documentation
This request can be used to carry out a tariff and option changes.

source

```
<element name="TariffOptionChange" type="tns:OBTariffOptionChange">
  <annotation>
    <documentation>This request can be used to carry out a tariff and option changes.</documentation>
  </annotation>
</element>
```

8.2.20 element TemplateSIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTemplateSIMActivation](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#) [tns:TemplateName](#) [tns:ActivationDate](#)

annotation documentation

This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.

source `<element name="TemplateSIMActivation" type="tns:OBTemplateSIMActivation">`

`<annotation>`

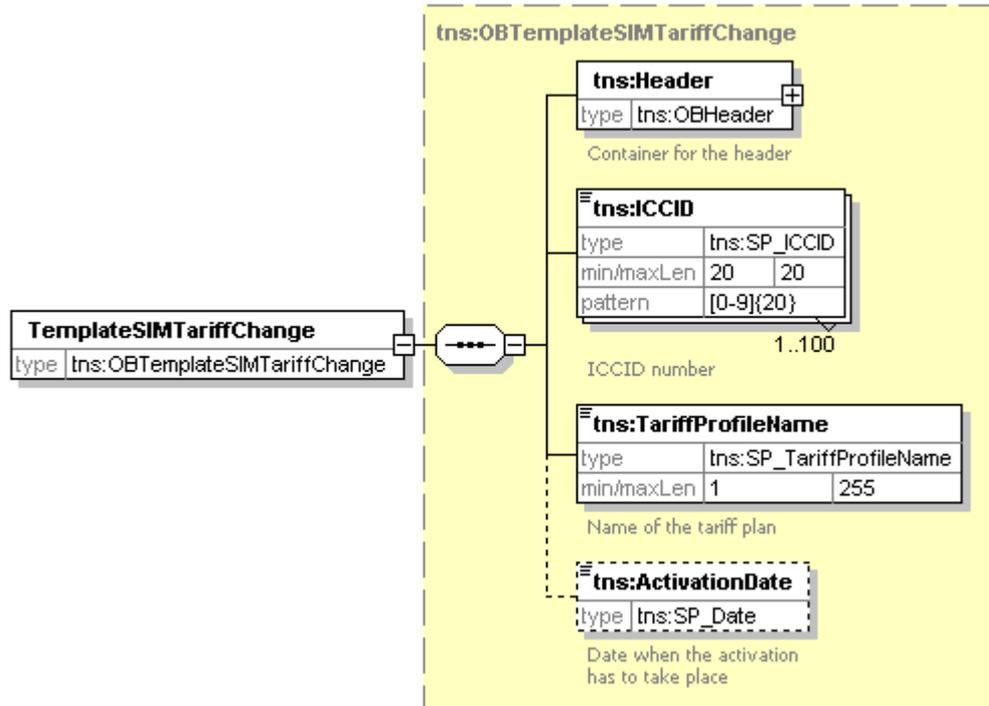
`<documentation>`This request is a card activation order which orders a new mobile contract. At reception of an asynchronous response with SUCCESS result, the SIM is activated.`</documentation>`

`</annotation>`

`</element>`

8.2.21 element TemplateSIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTemplateSIMTariffChange](#)

properties content complex

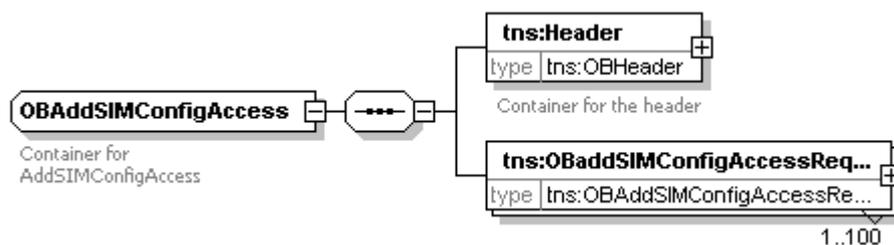
children [tns:Header](#) [tns:ICCID](#) [tns:TariffProfileName](#) [tns:ActivationDate](#)

source

```
<element name="TemplateSIMTariffChange" type="tns:OBTemplateSIMTariffChange">
  <annotation>
    <documentation/>
  </annotation>
</element>
```

8.2.22 complexType OBAddSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBAddSIMConfigAccessRequest](#)

used by element [AddSIMConfigAccess](#)

annotation documentation
Container for AddSIMConfigAccess

source

```
<complexType name="OBAddSIMConfigAccess">
  <annotation>
    <documentation>Container for AddSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

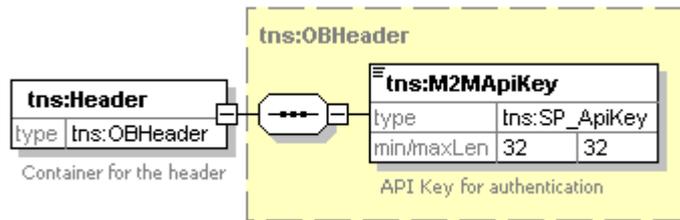
```

<element name="OAddSIMConfigAccessRequest" type="tns:OAddSIMConfigAccessRequest" maxOccurs="100"/>
</sequence>
</complexType>

```

8.2.23 element OAddSIMConfigAccess/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source

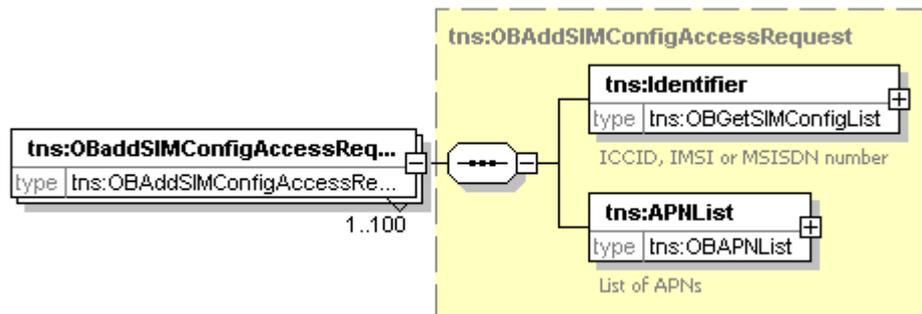
```

<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

8.2.24 element OAddSIMConfigAccess/OAddSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OAddSIMConfigAccessRequest](#)

properties isRef 0
minOcc 1
maxOcc 100
content complex

children [tns:Identifier](#) [tns:APNList](#)

source

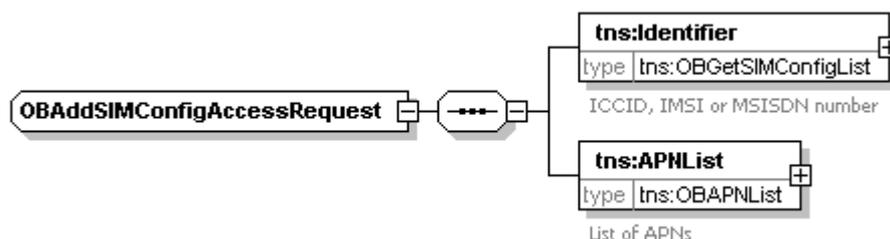
```

<element name="OAddSIMConfigAccessRequest" type="tns:OAddSIMConfigAccessRequest" maxOccurs="100"/>

```

8.2.25 complexType OAddSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Identifier](#) [tns:APNList](#)

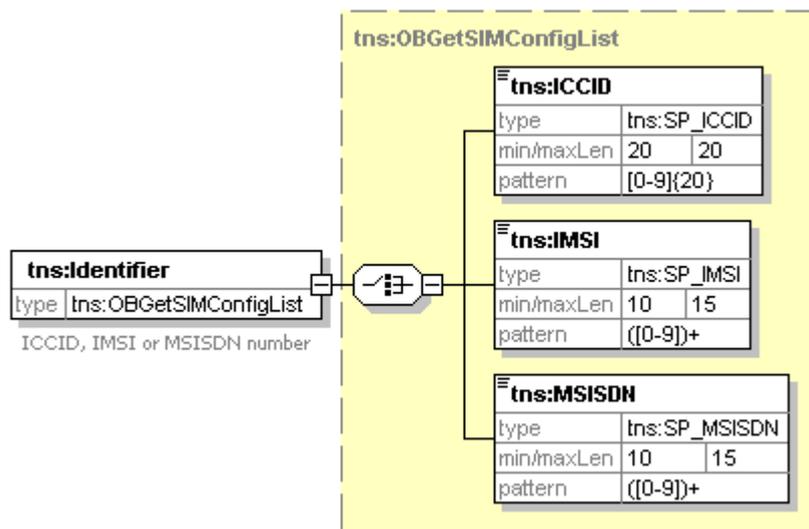
used by element [OBAddSIMConfigAccess/OBAddSIMConfigAccessRequest](#)

source

```
<complexType name="OBAddSIMConfigAccessRequest">
  <sequence>
    <element name="Identifier" type="tns:OBGetSIMConfigList">
      <annotation>
        <documentation>ICCID, IMSI or MSISDN number</documentation>
      </annotation>
    </element>
    <element name="APNList" type="tns:OBAPNList">
      <annotation>
        <documentation>List of APNs</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.2.26 element OBAddSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

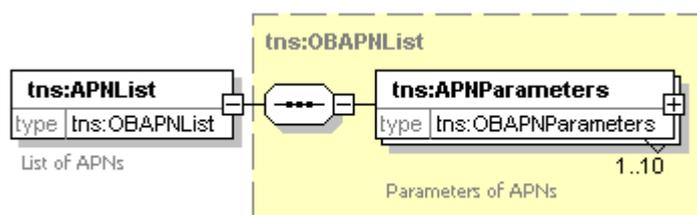
annotation documentation
ICCID, IMSI or MSISDN number

source

```
<element name="Identifier" type="tns:OBGetSIMConfigList">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
</element>
```

8.2.27 element OBAddSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNList](#)

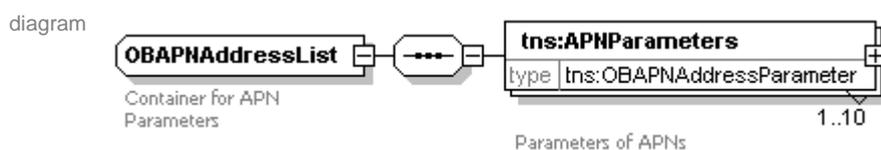
properties isRef 0
content complex

children [tns:APNParameters](#)

annotation documentation
List of APNs

source `<element name="APNList" type="tns:OBAPNList">
<annotation>
<documentation>List of APNs</documentation>
</annotation>
</element>`

8.2.28 complexType OBAPNAddressList



namespace <http://m2m-ws.telekom.de/M2MAdm>

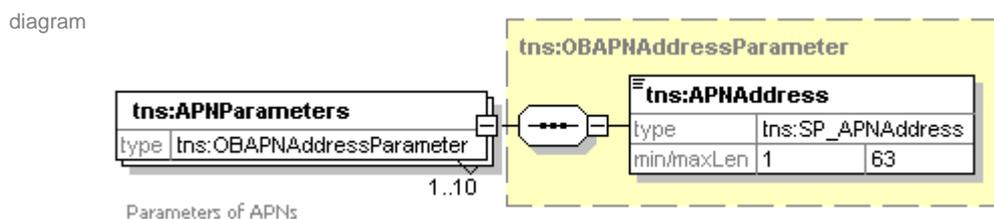
children [tns:APNParameters](#)

used by element [OBSubtractSIMConfigAccessRequest/APNList](#)

annotation documentation
Container for APN Parameters

source `<complexType name="OBAPNAddressList">
<annotation>
<documentation>Container for APN Parameters</documentation>
</annotation>
<sequence>
<element name="APNParameters" type="tns:OBAPNAddressParameter" maxOccurs="10">
<annotation>
<documentation>Parameters of APNs</documentation>
</annotation>
</element>
</sequence>
</complexType>`

8.2.29 element OBAPNAddressList/APNParameters



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNAddressParameter](#)

properties isRef 0
minOcc 1
maxOcc 10
content complex

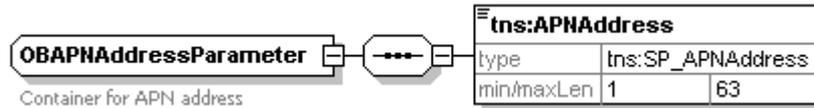
children [tns:APNAddress](#)

annotation documentation
Parameters of APNs

source `<element name="APNParameters" type="tns:OBAPNAddressParameter" maxOccurs="10">
<annotation>
<documentation>Parameters of APNs</documentation>
</annotation>
</element>`

8.2.30 complexType OBAPNAddressParameter

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNAddress](#)

used by element [OBAPNAddressList/APNParameters](#)

annotation documentation
Container for APN address

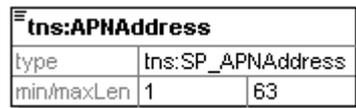
```

source <complexType name="OBAPNAddressParameter">
  <annotation>
    <documentation>Container for APN address</documentation>
  </annotation>
  <sequence>
    <element name="APNAddress" type="tns:SP_APNAddress"/>
  </sequence>
</complexType>

```

8.2.31 element OBAPNAddressParameter/APNAddress

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_APNAddress](#)

properties isRef 0
content simple

facets minLength 1
maxLength 63

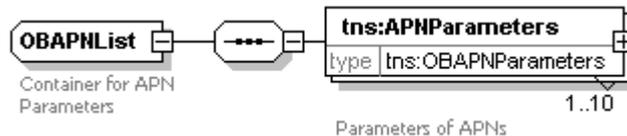
```

source <element name="APNAddress" type="tns:SP_APNAddress"/>

```

8.2.32 complexType OBAPNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNParameters](#)

used by elements [OBSetSIMConfigAccessRequest/APNList](#) [OBAddSIMConfigAccessRequest/APNList](#)

annotation documentation
Container for APN Parameters

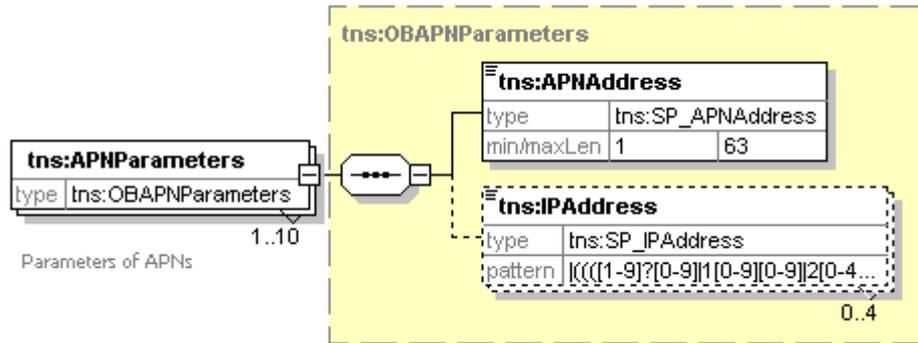
```

source <complexType name="OBAPNList">
  <annotation>
    <documentation>Container for APN Parameters</documentation>
  </annotation>
  <sequence>
    <element name="APNParameters" type="tns:OBAPNParameters" maxOccurs="10">
      <annotation>
        <documentation>Parameters of APNs</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.33 element OBAPNList/APNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNParameters](#)

properties
 isRef 0
 minOcc 1
 maxOcc 10
 content complex

children [tns:APNAddress](#) [tns:IPAddress](#)

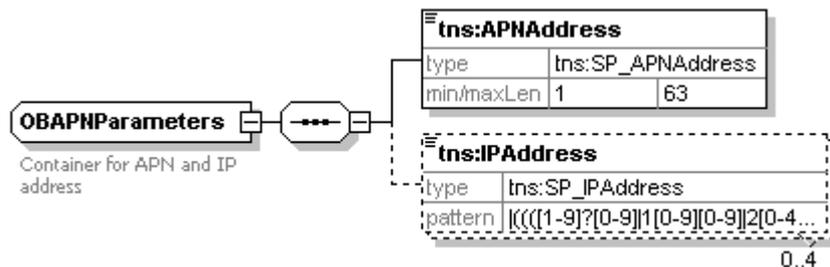
annotation
 documentation
 Parameters of APNs

source

```
<element name="APNParameters" type="tns:OBAPNParameters" maxOccurs="10">
  <annotation>
    <documentation>Parameters of APNs</documentation>
  </annotation>
</element>
```

8.2.34 complexType OBAPNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:APNAddress](#) [tns:IPAddress](#)

used by element [OBAPNList/APNParameters](#)

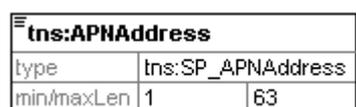
annotation
 documentation
 Container for APN and IP address

source

```
<complexType name="OBAPNParameters">
  <annotation>
    <documentation>Container for APN and IP address</documentation>
  </annotation>
  <sequence>
    <element name="APNAddress" type="tns:SP_APNAddress"/>
    <element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
  </sequence>
</complexType>
```

8.2.35 element OBAPNParameters/APNAddress

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_APNAddress](#)

properties isRef 0
content simple

facets minLength 1
maxLength 63

source `<element name="APNAddress" type="tns:SP_APNAddress"/>`

8.2.36 element OBAPNParameters/IPAddress



namespace <http://m2m-ws.telekom.de/M2MAdm>

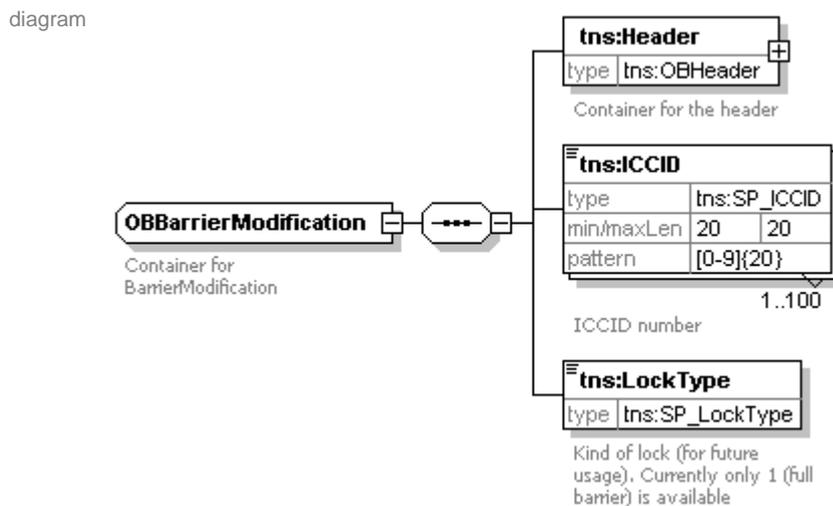
type [tns:SP_IPAddress](#)

properties isRef 0
minOcc 0
maxOcc 4
content simple

facets pattern |(((1-9)?[0-9])1[0-9][0-9]2[0-4][0-9]|25[0-5])\.\{3\}((1-9)?[0-9]1[0-9][0-9]2[0-4][0-9]|25[0-5])

source `<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>`

8.2.37 complexType OBBarrierModification



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:LockType](#)

used by elements [BarrierModificationRemove](#) [BarrierModificationSet](#)

annotation documentation
Container for BarrierModification

source `<complexType name="OBBarrierModification">
<annotation>
<documentation>Container for BarrierModification</documentation>
</annotation>
<sequence>
<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</sequence>
</complexType>`

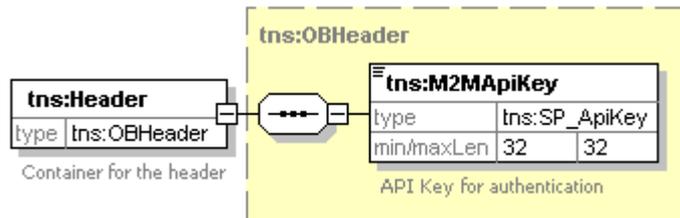
```

</element>
<element name="LockType" type="tns:SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

8.2.38 element OBarrierModification/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties
isRef 0
content complex

children [tns:M2MApiKey](#)

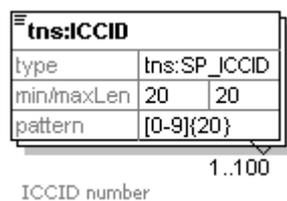
annotation
documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.39 element OBarrierModification/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties
isRef 0
minOcc 1
maxOcc 100
content simple

facets
minLength 20
maxLength 20
pattern `[0-9]{20}`

annotation
documentation
ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

8.2.40 element OBBarrierModification/LockType



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LockType](#)

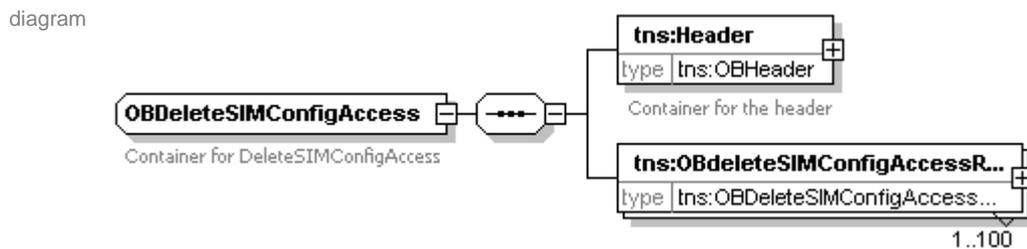
properties isRef 0
content simple

documentation
Kind of lock (for future usage). Currently only 1 (full barrier) is available

source

```
<element name="LockType" type="tns:SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
</element>
```

8.2.41 complexType OBDeleteSIMConfigAccess



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBdeleteSIMConfigAccessRequest](#)

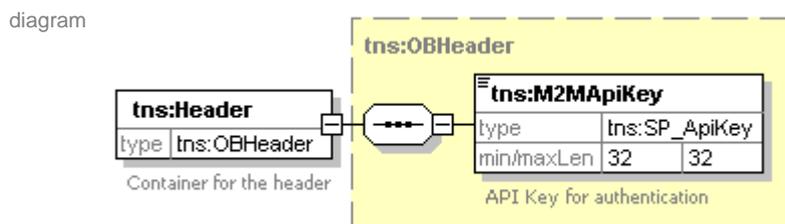
used by element [DeleteSIMConfigAccess](#)

documentation
Container for DeleteSIMConfigAccess

source

```
<complexType name="OBDeleteSIMConfigAccess">
  <annotation>
    <documentation>Container for DeleteSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBdeleteSIMConfigAccessRequest" type="tns:OBDeleteSIMConfigAccessRequest"
      maxOccurs="100"/>
  </sequence>
</complexType>
```

8.2.42 element OBDeleteSIMConfigAccess/Header



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

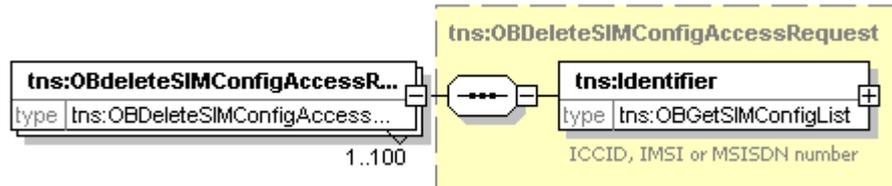
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.2.43 element OBDeleteSIMConfigAccess/OBdeleteSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBDeleteSIMConfigAccessRequest](#)

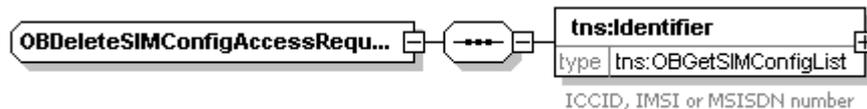
properties isRef 0
minOcc 1
maxOcc 100
content complex

children [tns:Identifier](#)

source `<element name="OBdeleteSIMConfigAccessRequest" type="tns:OBDeleteSIMConfigAccessRequest"
maxOccurs="100"/>`

8.2.44 complexType OBDeleteSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

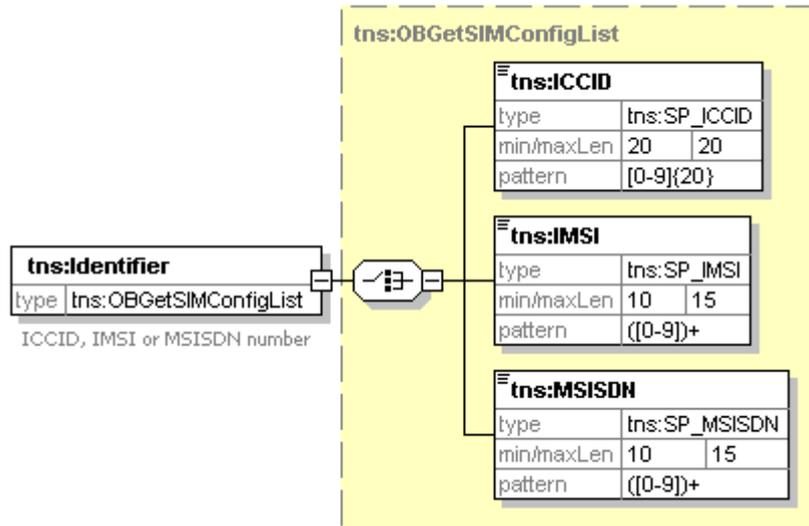
children [tns:Identifier](#)

used by element [OBDeleteSIMConfigAccess/OBdeleteSIMConfigAccessRequest](#)

source `<complexType name="OBDeleteSIMConfigAccessRequest">
<sequence>
<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>
</sequence>
</complexType>`

8.2.45 element OBDeleteSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBDeleteSIMConfigAccessRequest](#)

properties isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

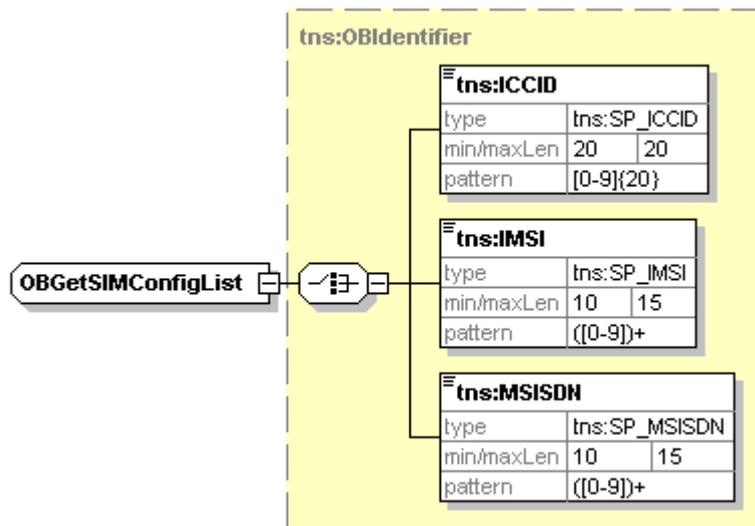
annotation documentation
ICCID, IMSI or MSISDN number

source

```
<element name="Identifier" type="tns:OBDeleteSIMConfigAccessRequest">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
</element>
```

8.2.46 complexType OBGetSIMConfigList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type extension of [tns:OBIdentifier](#)

properties base tns:OBIdentifier

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

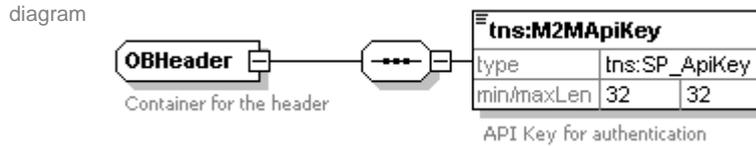
used by elements [OBSetSIMConfigAccessRequest/Identifier](#) [OBAddSIMConfigAccessRequest/Identifier](#) [OBSubtractSIMConfigAccessRequest/Identifier](#) [OBDeleteSIMConfigAccessRequest/Identifier](#)

```

source <complexType name="OBGetSIMConfigList">
  <complexContent>
    <extension base="tns:OBIdentifier"/>
  </complexContent>
</complexType>

```

8.2.47 complexType OBHeader



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:M2MApiKey](#)

used by elements [OBSIMVoiceSettingsSet/Header](#) [OBSIMLimitSet/Header](#) [OBTariffOptionChange/Header](#) [OBSIMCancellation/Header](#) [OBSIMResumption/Header](#) [OBSIMSuspension/Header](#) [OBBarrierModification/Header](#) [OBRestoreLimit/Header](#) [OBOVERRIDELimit/Header](#) [OBDeleteSIMConfigAccess/Header](#) [OBSubtractSIMConfigAccess/Header](#) [OBAddSIMConfigAccess/Header](#) [OBSetSIMConfigAccess/Header](#) [OBNetworkProfileSet/Header](#) [OBTemplateSIMTariffChange/Header](#) [OBSIMTariffChange/Header](#) [OBTemplateSIMActivation/Header](#) [OBSIMActivation/Header](#)

annotation documentation
Container for the header

```

source <complexType name="OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
  <sequence>
    <element name="M2MApiKey" type="tns:SP_ApiKey">
      <annotation>
        <documentation>API Key for authentication</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.48 element OBHeader/M2MApiKey



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ApiKey](#)

properties isRef 0
content simple

facets minLength 32
maxLength 32

annotation documentation
API Key for authentication

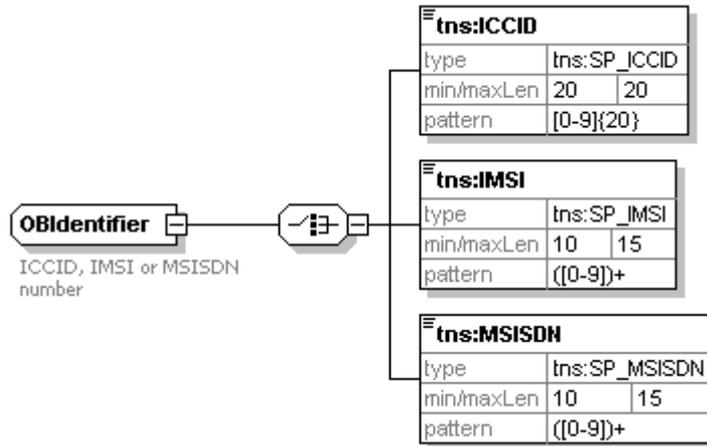
```

source <element name="M2MApiKey" type="tns:SP_ApiKey">
  <annotation>
    <documentation>API Key for authentication</documentation>
  </annotation>
</element>

```

8.2.49 complexType OBIdentifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

used by element [OBNetworkProfileSet/Identifier](#)
complexType [OBGetSIMConfigList](#)

annotation documentation
ICCID, IMSI or MSISDN number

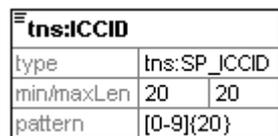
```

source <complexType name="OBIdentifier">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
  <choice>
    <element name="ICCID" type="tns:SP_ICCID"/>
    <element name="IMSI" type="tns:SP_IMSI"/>
    <element name="MSISDN" type="tns:SP_MSISDN"/>
  </choice>
</complexType>

```

8.2.50 element OBIdentifier/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

```

source <element name="ICCID" type="tns:SP_ICCID"/>

```

8.2.51 element OBIdentifier/IMSI

diagram



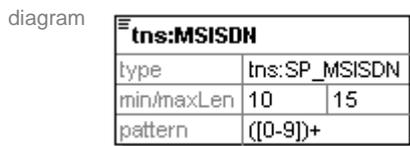
namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_IMSI](#)

properties isRef 0
content simple

facets minLength 10
 maxLength 15
 pattern ([0-9])+
 source <element name="IMSI" type="tns:SP_IMSI"/>

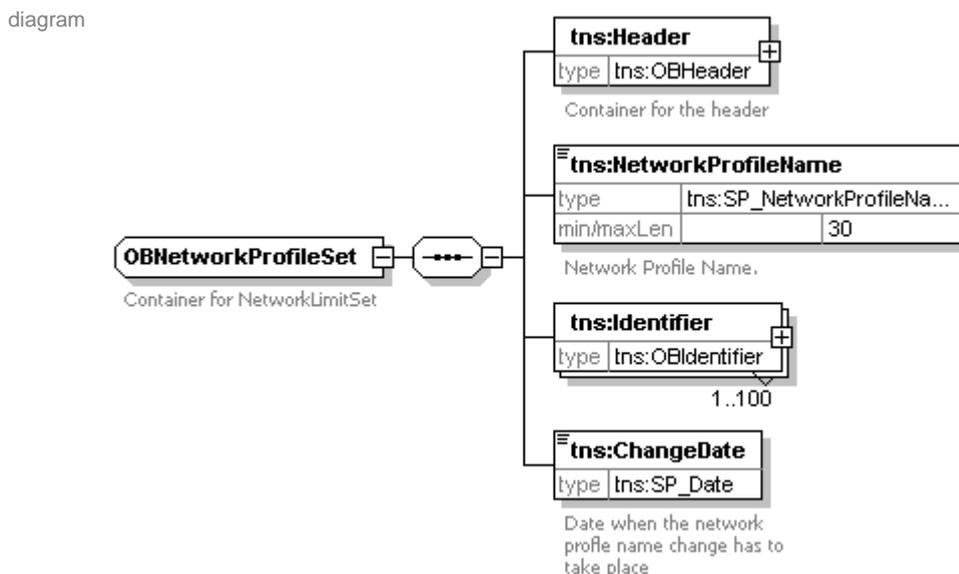
8.2.52 element OBIdentifier/MSISDN



namespace http://m2m-ws.telekom.de/M2MAdm

type [tns:SP_MSISDN](#)
 properties isRef 0
 content simple
 facets minLength 10
 maxLength 15
 pattern ([0-9])+
 source <element name="MSISDN" type="tns:SP_MSISDN"/>

8.2.53 complexType OBNetworkProfileSet



namespace http://m2m-ws.telekom.de/M2MAdm

children [tns:Header](#) [tns:NetworkProfileName](#) [tns:Identifier](#) [tns:ChangeDate](#)
 used by element [NetworkProfileSet](#)
 annotation documentation
 Container for NetworkLimitSet
 source <complexType name="OBNetworkProfileSet">
 <annotation>
 <documentation>Container for NetworkLimitSet</documentation>
 </annotation>
 <sequence>
 <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>
 <element name="NetworkProfileName" type="tns:SP_NetworkProfileName">
 <annotation>
 <documentation>Network Profile Name.</documentation>
 </annotation>
 </element>
 <element name="Identifier" type="tns:OBIdentifier" maxOccurs="100"/>
 <element name="ChangeDate" type="tns:SP_Date">

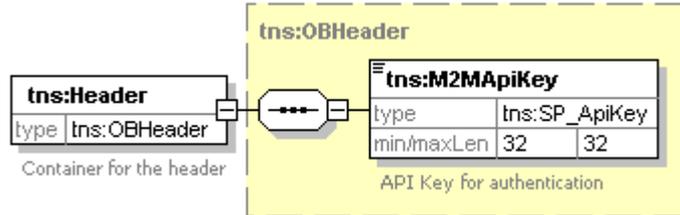
```

<annotation>
  <documentation>Date when the network profile name change has to take place</documentation>
</annotation>
</element>
</sequence>
</complexType>

```

8.2.54 element OBNetworkProfileSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

8.2.55 element OBNetworkProfileSet/NetworkProfileName

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_NetworkProfileName](#)

properties isRef 0
content simple
facets maxLength 30

annotation documentation
Network Profile Name.

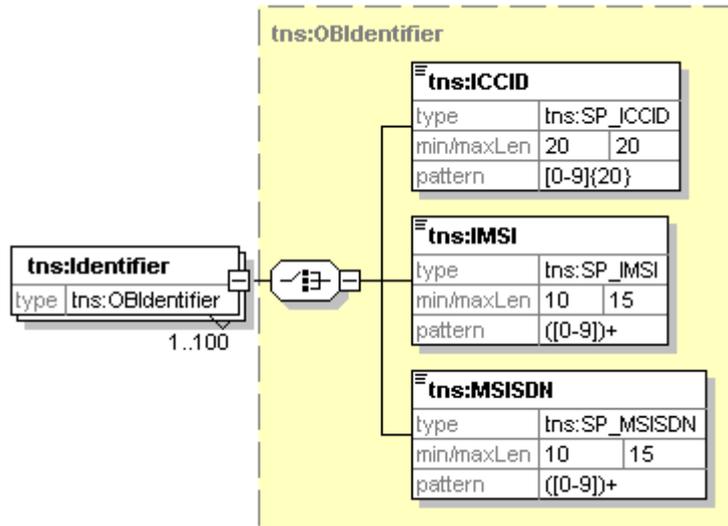
```

source <element name="NetworkProfileName" type="tns:SP_NetworkProfileName">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>

```

8.2.56 element OBNetworkProfileSet/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBIdentifier](#)

properties
 isRef 0
 minOcc 1
 maxOcc 100
 content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

source `<element name="Identifier" type="tns:OBIdentifier" maxOccurs="100"/>`

8.2.57 element OBNetworkProfileSet/ChangeDate

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

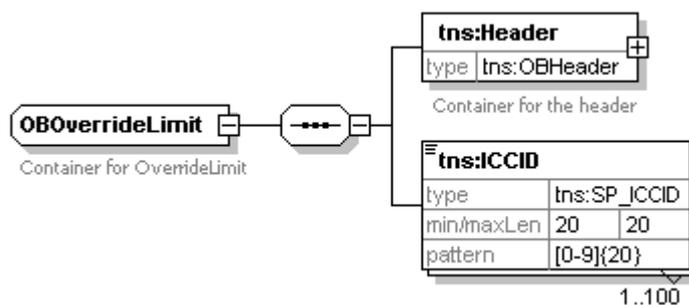
properties
 isRef 0
 content simple
 documentation

annotation Date when the network profile name change has to take place

source `<element name="ChangeDate" type="tns:SP_Date">
 <annotation>
 <documentation>Date when the network profile name change has to take place</documentation>
 </annotation>
 </element>`

8.2.58 complexType OBOVERRIDELimit

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

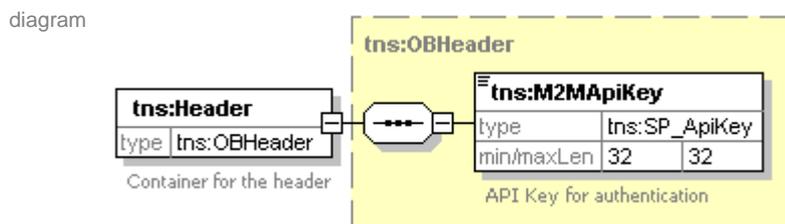
used by element [OverrideLimit](#)

annotation documentation
Container for OverrideLimit

source

```
<complexType name="OOverrideLimit">
  <annotation>
    <documentation>Container for OverrideLimit</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
  </sequence>
</complexType>
```

8.2.59 element OOverrideLimit/Header



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

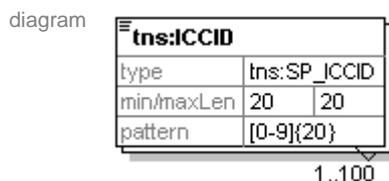
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.60 element OOverrideLimit/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

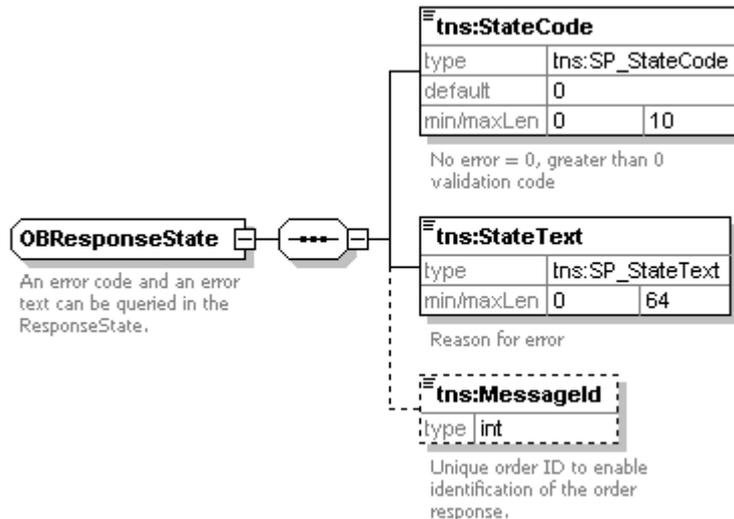
facets minLength 20
maxLength 20
pattern [0-9]{20}

source

```
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
```

8.2.61 complexType OBResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

used by element [MessageResponse](#)

annotation documentation
An error code and an error text can be queried in the ResponseState.

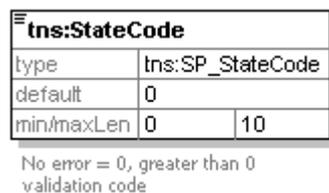
```

source <complexType name="OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState.</documentation>
  </annotation>
  <sequence>
    <element name="StateCode" type="tns:SP_StateCode" default="0">
      <annotation>
        <documentation>No error = 0, greater than 0 validation code</documentation>
      </annotation>
    </element>
    <element name="StateText" type="tns:SP_StateText">
      <annotation>
        <documentation>Reason for error</documentation>
      </annotation>
    </element>
    <element name="MessageId" type="int" minOccurs="0">
      <annotation>
        <documentation>Unique order ID to enable identification of the order response.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.62 element OBResponseState/StateCode

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateCode](#)

properties isRef 0
content simple
default 0

facets minLength 0
maxLength 10

annotation documentation
No error = 0, greater than 0 validation code

```

source <element name="StateCode" type="tns:SP_StateCode" default="0">
  <annotation>
    <documentation>No error = 0, greater than 0 validation code</documentation>
  </annotation>
</element>

```

8.2.63 element OBResponseState/StateText



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateText](#)

properties isRef 0
content simple
facets minLength 0
maxLength 64
annotation documentation
Reason for error

```

source <element name="StateText" type="tns:SP_StateText">
  <annotation>
    <documentation>Reason for error</documentation>
  </annotation>
</element>

```

8.2.64 element OBResponseState/MessageId



namespace <http://m2m-ws.telekom.de/M2MAdm>

type **int**

properties isRef 0
minOcc 0
maxOcc 1
content simple

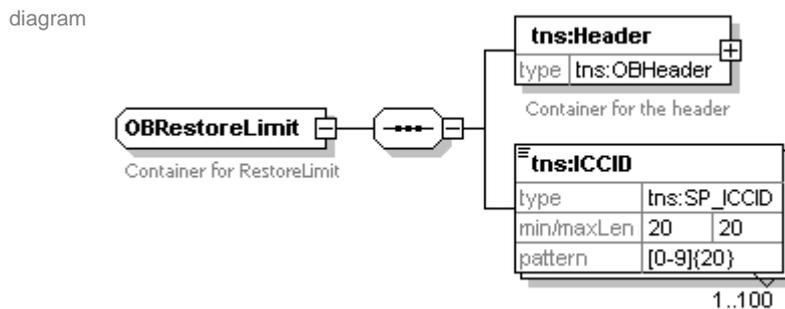
annotation documentation
Unique order ID to enable identification of the order response.

```

source <element name="MessageId" type="int" minOccurs="0">
  <annotation>
    <documentation>Unique order ID to enable identification of the order response.</documentation>
  </annotation>
</element>

```

8.2.65 complexType OBRestoreLimit



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

used by element [RestoreLimit](#)

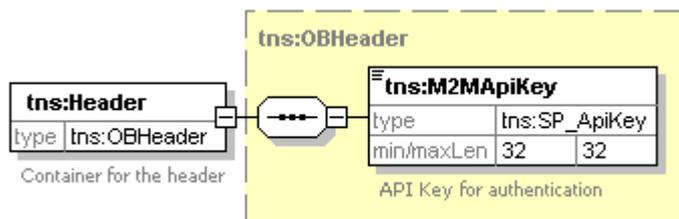
annotation documentation
Container for RestoreLimit

source

```
<complexType name="OBRestoreLimit">
  <annotation>
    <documentation>Container for RestoreLimit</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
  </sequence>
</complexType>
```

8.2.66 element OBRestoreLimit/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

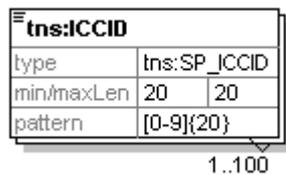
annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.67 element OBRestoreLimit/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

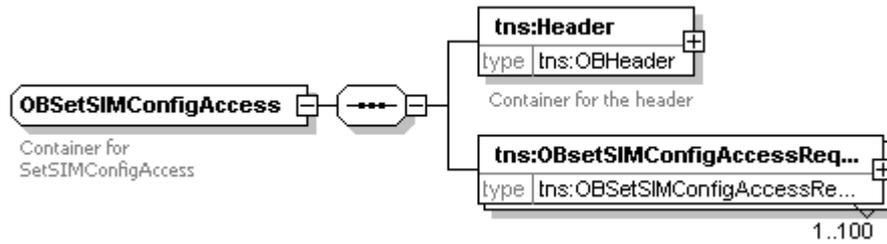
facets minLength 20
maxLength 20
pattern [0-9]{20}

source

```
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
```

8.2.68 complexType OBSetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBsetSIMConfigAccessRequest](#)

used by element [SetSIMConfigAccess](#)

annotation documentation
Container for SetSIMConfigAccess

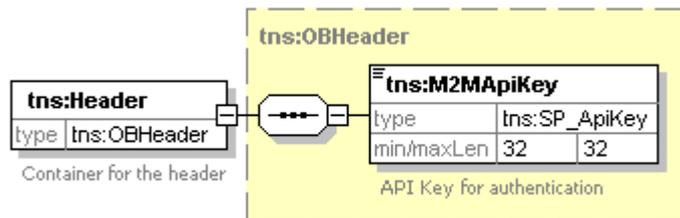
```

source <complexType name="OBSetSIMConfigAccess">
  <annotation>
    <documentation>Container for SetSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBsetSIMConfigAccessRequest" type="tns:OBSetSIMConfigAccessRequest" maxOccurs="100"/>
  </sequence>
</complexType>

```

8.2.69 element OBSetSIMConfigAccess/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

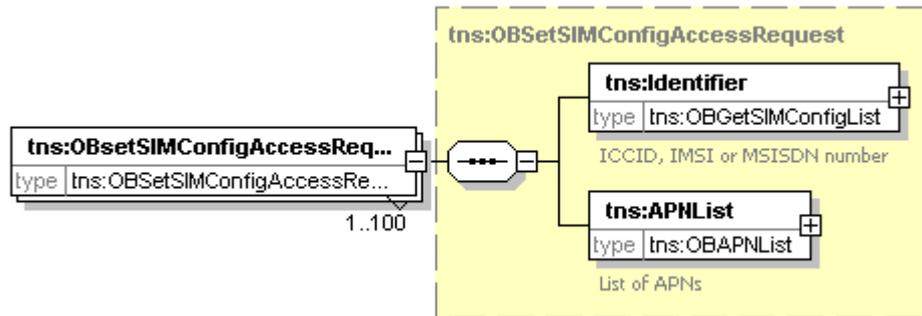
```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

8.2.70 element OBSetSIMConfigAccess/OBsetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSetSIMConfigAccessRequest](#)

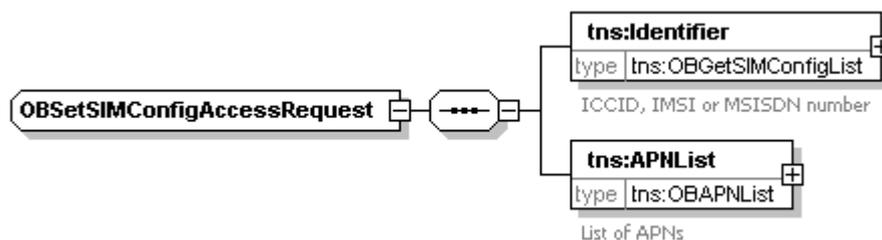
properties
 isRef 0
 minOcc 1
 maxOcc 100
 content complex

children [tns:Identifier](#) [tns:APNList](#)

source `<element name="OBsetSIMConfigAccessRequest" type="tns:OBSetSIMConfigAccessRequest" maxOccurs="100"/>`

8.2.71 complexType OBSetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

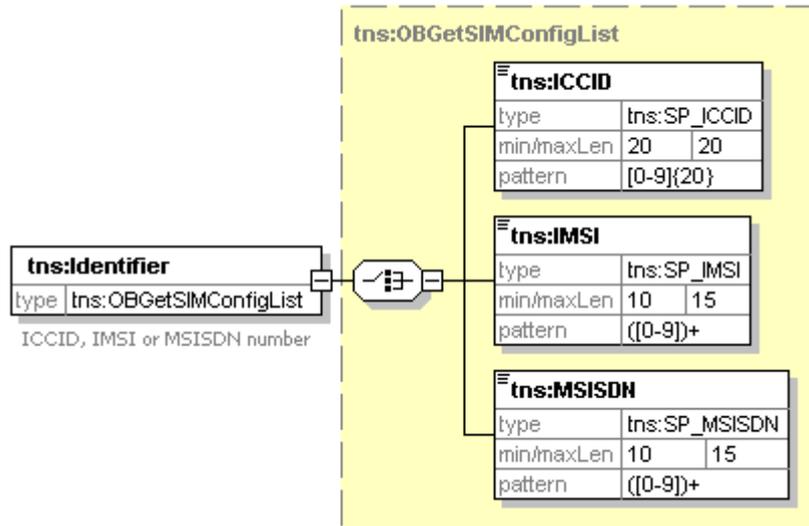
children [tns:Identifier](#) [tns:APNList](#)

used by element [OBSetSIMConfigAccess/OBsetSIMConfigAccessRequest](#)

source `<complexType name="OBSetSIMConfigAccessRequest">
 <sequence>
 <element name="Identifier" type="tns:OBGetSIMConfigList">
 <annotation>
 <documentation>ICCID, IMSI or MSISDN number</documentation>
 </annotation>
 </element>
 <element name="APNList" type="tns:OBAPNList">
 <annotation>
 <documentation>List of APNs</documentation>
 </annotation>
 </element>
 </sequence>
</complexType>`

8.2.72 element OBSetSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

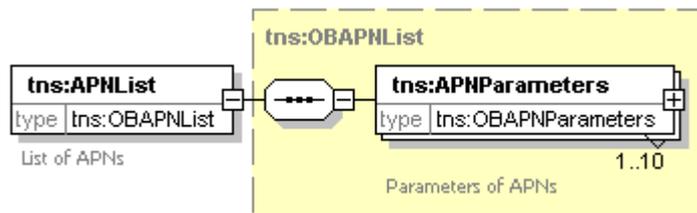
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

source `<element name="Identifier" type="tns:OBGetSIMConfigList">
<annotation>
<documentation>ICCID, IMSI or MSISDN number</documentation>
</annotation>
</element>`

8.2.73 element OBSetSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNList](#)

properties isRef 0
content complex

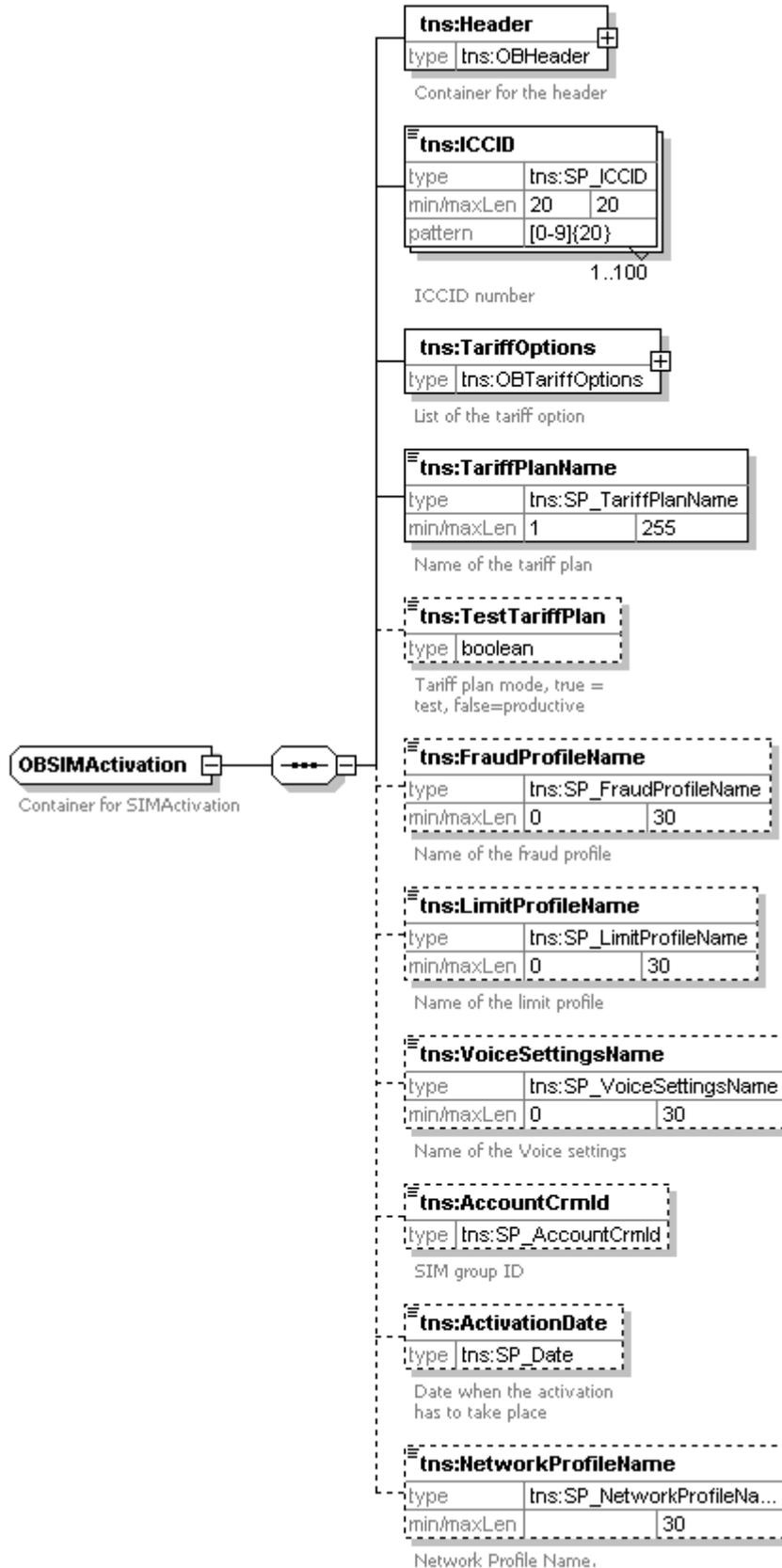
children [tns:APNParameters](#)

annotation documentation
List of APNs

source `<element name="APNList" type="tns:OBAPNList">
<annotation>
<documentation>List of APNs</documentation>
</annotation>
</element>`

8.2.74 complexType OBSIMActivation

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffOptions](#) [tns:TariffPlanName](#) [tns:TestTariffPlan](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:VoiceSettingsName](#) [tns:AccountCrmid](#) [tns:ActivationDate](#) [tns:NetworkProfileName](#)

used by element [SIMActivation](#)

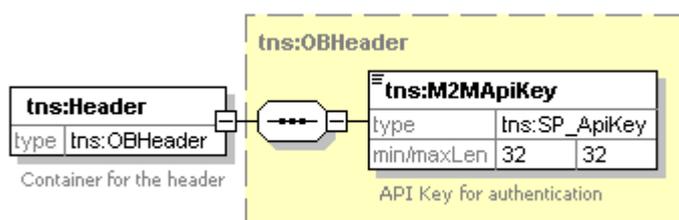
```

annotation documentation
Container for SIMActivation
source <complexType name="OBSIMActivation">
  <annotation>
    <documentation>Container for SIMActivation</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="TariffOptions" type="tns:OBTariffOptions">
      <annotation>
        <documentation>List of the tariff option</documentation>
      </annotation>
    </element>
    <element name="TariffPlanName" type="tns:SP_TariffPlanName">
      <annotation>
        <documentation>Name of the tariff plan</documentation>
      </annotation>
    </element>
    <element name="TestTariffPlan" type="boolean" minOccurs="0">
      <annotation>
        <documentation>Tariff plan mode, true = test, false=productive</documentation>
      </annotation>
    </element>
    <element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
      <annotation>
        <documentation>Name of the fraud profile</documentation>
      </annotation>
    </element>
    <element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
      <annotation>
        <documentation>Name of the limit profile</documentation>
      </annotation>
    </element>
    <element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName" minOccurs="0">
      <annotation>
        <documentation>Name of the Voice settings</documentation>
      </annotation>
    </element>
    <element name="AccountCrmlid" type="tns:SP_AccountCrmlid" minOccurs="0">
      <annotation>
        <documentation>SIM group ID</documentation>
      </annotation>
    </element>
    <element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date when the activation has to take place</documentation>
      </annotation>
    </element>
    <element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
      <annotation>
        <documentation>Network Profile Name.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.75 element OBSIMActivation/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

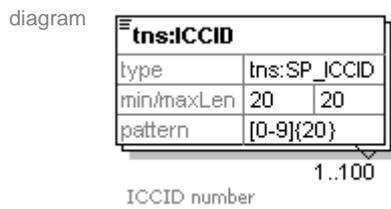
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.2.76 element OBSIMActivation/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

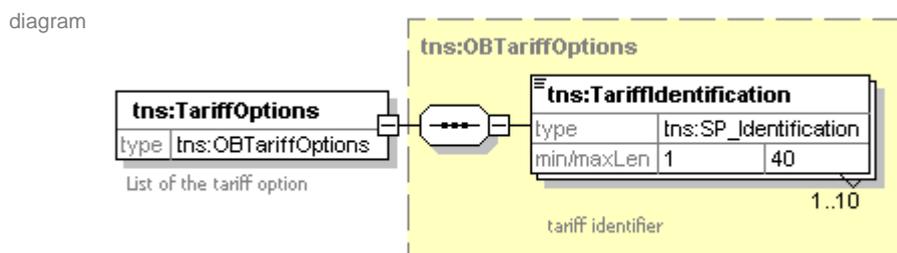
properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

8.2.77 element OBSIMActivation/TariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions](#)

properties isRef 0
content complex

children [tns:TariffIdentification](#)

annotation documentation
List of the tariff option

source `<element name="TariffOptions" type="tns:OBTariffOptions">
<annotation>
<documentation>List of the tariff option</documentation>
</annotation>
</element>`

8.2.78 element OBSIMActivation/TariffPlanName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TariffPlanName](#)

properties
 isRef 0
 content simple
 facets
 minLength 1
 maxLength 255

annotation
 documentation
 Name of the tariff plan

source `<element name="TariffPlanName" type="tns:SP_TariffPlanName">
 <annotation>
 <documentation>Name of the tariff plan</documentation>
 </annotation>
 </element>`

8.2.79 element OBSIMActivation/TestTariffPlan



namespace <http://m2m-ws.telekom.de/M2MAdm>

type **boolean**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation
 documentation
 Tariff plan mode, true = test, false=productive

source `<element name="TestTariffPlan" type="boolean" minOccurs="0">
 <annotation>
 <documentation>Tariff plan mode, true = test, false=productive</documentation>
 </annotation>
 </element>`

8.2.80 element OBSIMActivation/FraudProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

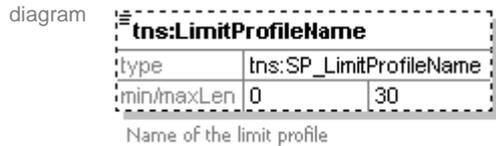
type [tns:SP_FraudProfileName](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 facets
 minLength 0
 maxLength 30

annotation
 documentation
 Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
 <annotation>
 <documentation>Name of the fraud profile</documentation>
 </annotation>
 </element>`

8.2.81 element OBSIMActivation/LimitProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LimitProfileName](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 0
- maxLength 30

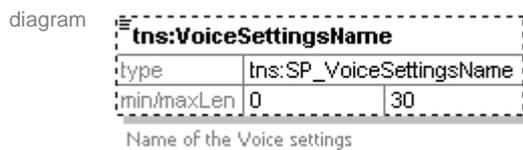
annotation

documentation
Name of the limit profile

source

```
<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
  <annotation>
    <documentation>Name of the limit profile</documentation>
  </annotation>
</element>
```

8.2.82 element OBSIMActivation/VoiceSettingsName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_VoiceSettingsName](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

facets

- minLength 0
- maxLength 30

annotation

documentation
Name of the Voice settings

source

```
<element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName" minOccurs="0">
  <annotation>
    <documentation>Name of the Voice settings</documentation>
  </annotation>
</element>
```

8.2.83 element OBSIMActivation/AccountCrmlId



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_AccountCrmlId](#)

properties

- isRef 0
- minOcc 0
- maxOcc 1
- content simple

annotation

documentation
SIM group ID

source

```
<element name="AccountCrmlId" type="tns:SP_AccountCrmlId" minOccurs="0">
  <annotation>
    <documentation>SIM group ID</documentation>
  </annotation>
</element>
```

</element>

8.2.84 element OBSIMActivation/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

properties
isRef 0
minOcc 0
maxOcc 1
content simple

annotation
documentation
Date when the activation has to take place

source

```
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
```

8.2.85 element OBSIMActivation/NetworkProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_NetworkProfileName](#)

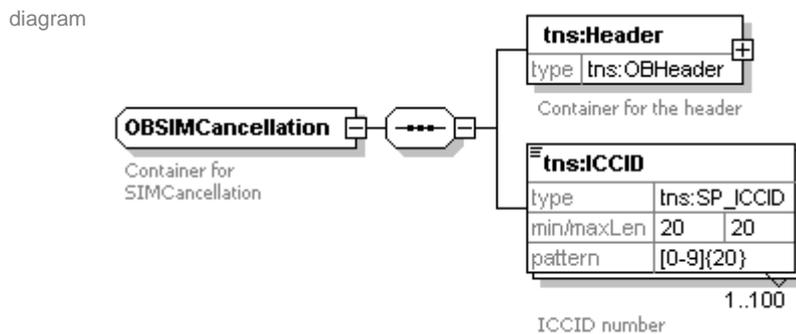
properties
isRef 0
minOcc 0
maxOcc 1
content simple
facets
maxLength 30

annotation
documentation
Network Profile Name.

source

```
<element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>
```

8.2.86 complexType OBSIMCancellation



namespace <http://m2m-ws.telekom.de/M2MAdm>

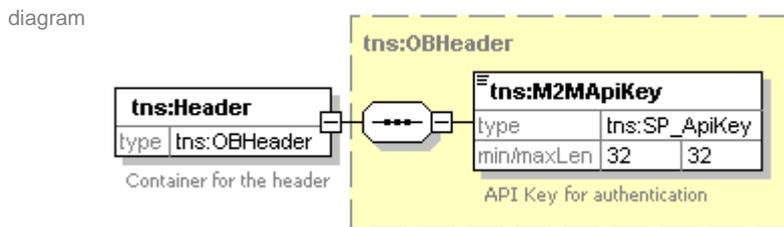
children [tns:Header](#) [tns:ICCID](#)

used by element [SIMCancellation](#)

annotation documentation
Container for SIMCancellation

source `<complexType name="OBSIMCancellation">`
`<annotation>`
`<documentation>Container for SIMCancellation</documentation>`
`</annotation>`
`<sequence>`
`<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`
`<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

8.2.87 element OBSIMCancellation/Header



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:OBHeader](#)

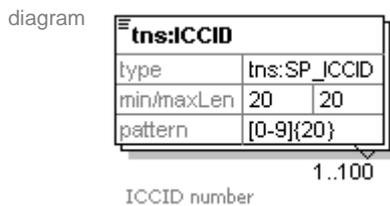
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`</element>`

8.2.88 element OBSIMCancellation/ICCID



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

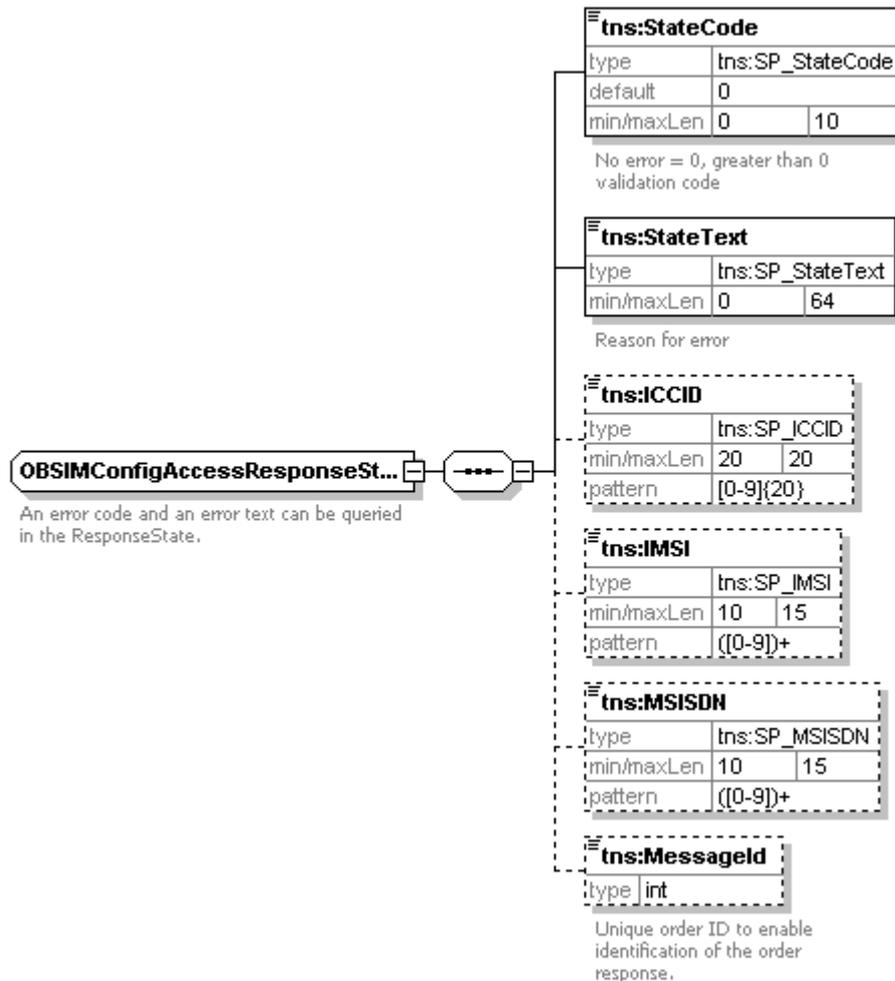
annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`

</element>

8.2.89 complexType OBSIMConfigAccessResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:StateCode](#) [tns:StateText](#) [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:MessageId](#)

used by element [SIMConfigAccessMessageResponse](#)

annotation documentation

An error code and an error text can be queried in the ResponseState.

source

```
<complexType name="OBSIMConfigAccessResponseState">
```

```
<annotation>
```

```
<documentation>An error code and an error text can be queried in the ResponseState.</documentation>
```

```
</annotation>
```

```
<sequence>
```

```
<element name="StateCode" type="tns:SP_StateCode" default="0">
```

```
<annotation>
```

```
<documentation>No error = 0, greater than 0 validation code</documentation>
```

```
</annotation>
```

```
</element>
```

```
<element name="StateText" type="tns:SP_StateText">
```

```
<annotation>
```

```
<documentation>Reason for error</documentation>
```

```
</annotation>
```

```
</element>
```

```
<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>
```

```
<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>
```

```
<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>
```

```
<element name="MessageId" type="int" minOccurs="0">
```

```
<annotation>
```

```
<documentation>Unique order ID to enable identification of the order response.</documentation>
```

```
</annotation>
```

```
</element>
```

```
</sequence>
```

</complexType>

8.2.90 element OBSIMConfigAccessResponseState/StateCode

diagram

tns:StateCode		
type	tns:SP_StateCode	
default	0	
min/maxLen	0	10

No error = 0, greater than 0
validation code

namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateCode](#)

properties isRef 0
content simple
default 0
facets minLength 0
maxLength 10

annotation documentation
No error = 0, greater than 0 validation code

source <element name="StateCode" type="tns:SP_StateCode" default="0">
<annotation>
<documentation>No error = 0, greater than 0 validation code</documentation>
</annotation>
</element>

8.2.91 element OBSIMConfigAccessResponseState/StateText

diagram

tns:StateText		
type	tns:SP_StateText	
min/maxLen	0	64

Reason for error

namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_StateText](#)

properties isRef 0
content simple
facets minLength 0
maxLength 64

annotation documentation
Reason for error

source <element name="StateText" type="tns:SP_StateText">
<annotation>
<documentation>Reason for error</documentation>
</annotation>
</element>

8.2.92 element OBSIMConfigAccessResponseState/ICCID

diagram

tns:ICCID		
type	tns:SP_ICCID	
min/maxLen	20	20
pattern	[0-9]{20}	

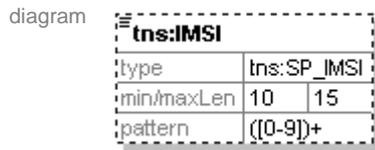
namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

source `<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>`

8.2.93 element OBSIMConfigAccessResponseState/IMSI



namespace `http://m2m-ws.telekom.de/M2MAdm`

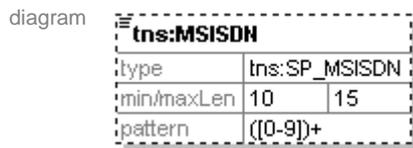
type [tns:SP_IMSI](#)

properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
minLength 10
maxLength 15
pattern (([0-9])+)

source `<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>`

8.2.94 element OBSIMConfigAccessResponseState/MSISDN



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_MSISDN](#)

properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
minLength 10
maxLength 15
pattern (([0-9])+)

source `<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>`

8.2.95 element OBSIMConfigAccessResponseState/MessageId



namespace `http://m2m-ws.telekom.de/M2MAdm`

type **int**

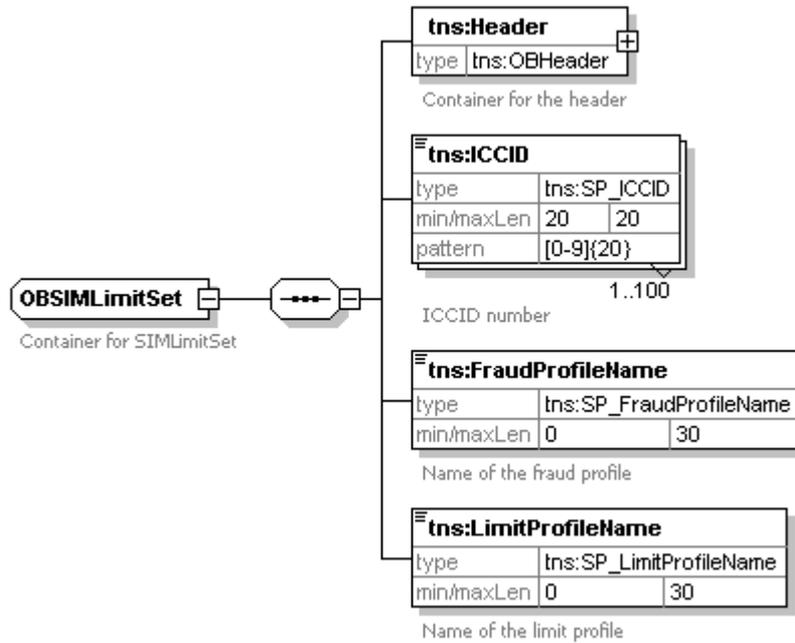
properties
isRef 0
minOcc 0
maxOcc 1
content simple

annotation
documentation
Unique order ID to enable identification of the order response.

source `<element name="MessageId" type="int" minOccurs="0">
<annotation>
<documentation>Unique order ID to enable identification of the order response.</documentation>
</annotation>
</element>`

8.2.96 complexType OBSIMLimitSet

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#)

used by element [SIMLimitSet](#)

annotation documentation
Container for SIMLimitSet

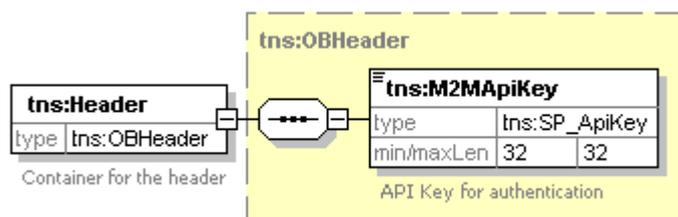
```

source <complexType name="OBSIMLimitSet">
  <annotation>
    <documentation>Container for SIMLimitSet</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="FraudProfileName" type="tns:SP_FraudProfileName">
      <annotation>
        <documentation>Name of the fraud profile</documentation>
      </annotation>
    </element>
    <element name="LimitProfileName" type="tns:SP_LimitProfileName">
      <annotation>
        <documentation>Name of the limit profile</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.97 element OBSIMLimitSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

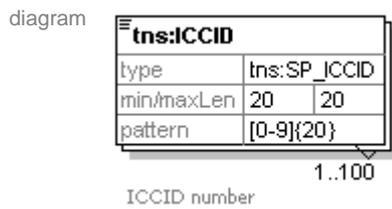
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.2.98 element OBSIMLimitSet/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

8.2.99 element OBSIMLimitSet/FraudProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_FraudProfileName](#)

properties isRef 0
content simple

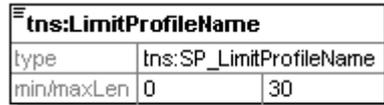
facets minLength 0
maxLength 30

annotation documentation
Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName">
<annotation>
<documentation>Name of the fraud profile</documentation>
</annotation>
</element>`

8.2.100 element OBSIMLimitSet/LimitProfileName

diagram



Name of the limit profile

namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_LimitProfileName](#)

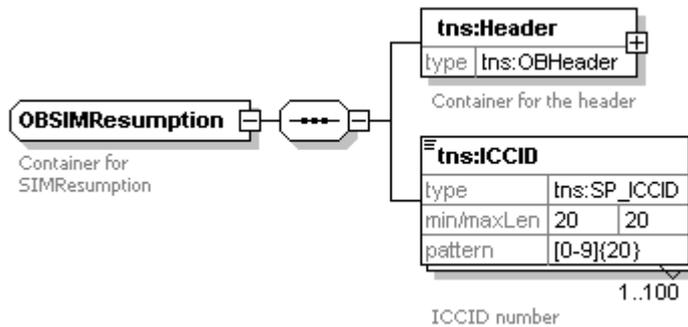
properties isRef 0
content simple
facets minLength 0
maxLength 30

annotation documentation
Name of the limit profile

source `<element name="LimitProfileName" type="tns:SP_LimitProfileName">
<annotation>
<documentation>Name of the limit profile</documentation>
</annotation>
</element>`

8.2.101 complexType OBSIMResumption

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

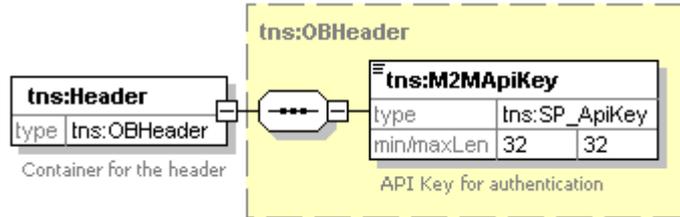
used by element [SIMResumption](#)

annotation documentation
Container for SIMResumption

source `<complexType name="OBSIMResumption">
<annotation>
<documentation>Container for SIMResumption</documentation>
</annotation>
<sequence>
<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>
</sequence>
</complexType>`

8.2.102 element OBSIMResumption/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

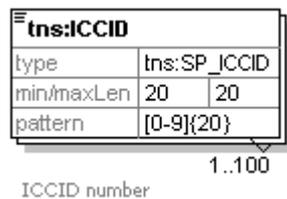
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

```
source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.103 element OBSIMResumption/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

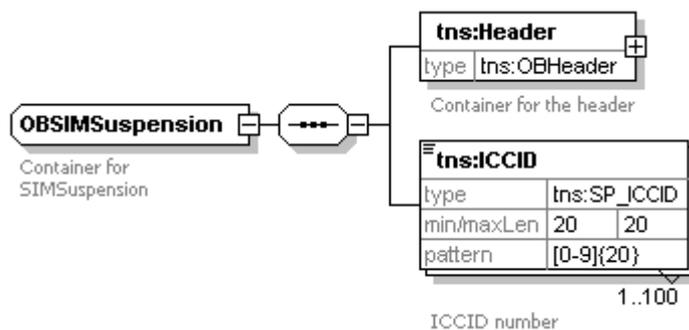
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

```
source <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

8.2.104 complexType OBSIMSuspension

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#)

used by element [SIMSuspension](#)

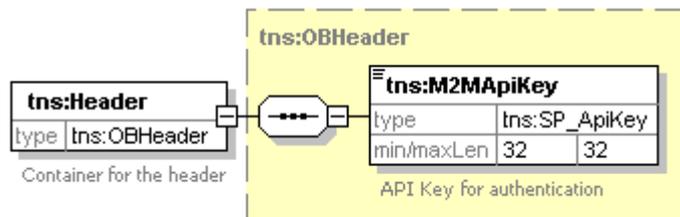
annotation documentation
Container for SIMSuspension

source

```
<complexType name="OBSIMSuspension">
  <annotation>
    <documentation>Container for SIMSuspension</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.2.105 element OBSIMSuspension/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

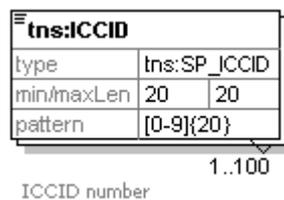
annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.106 element OBSIMSuspension/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

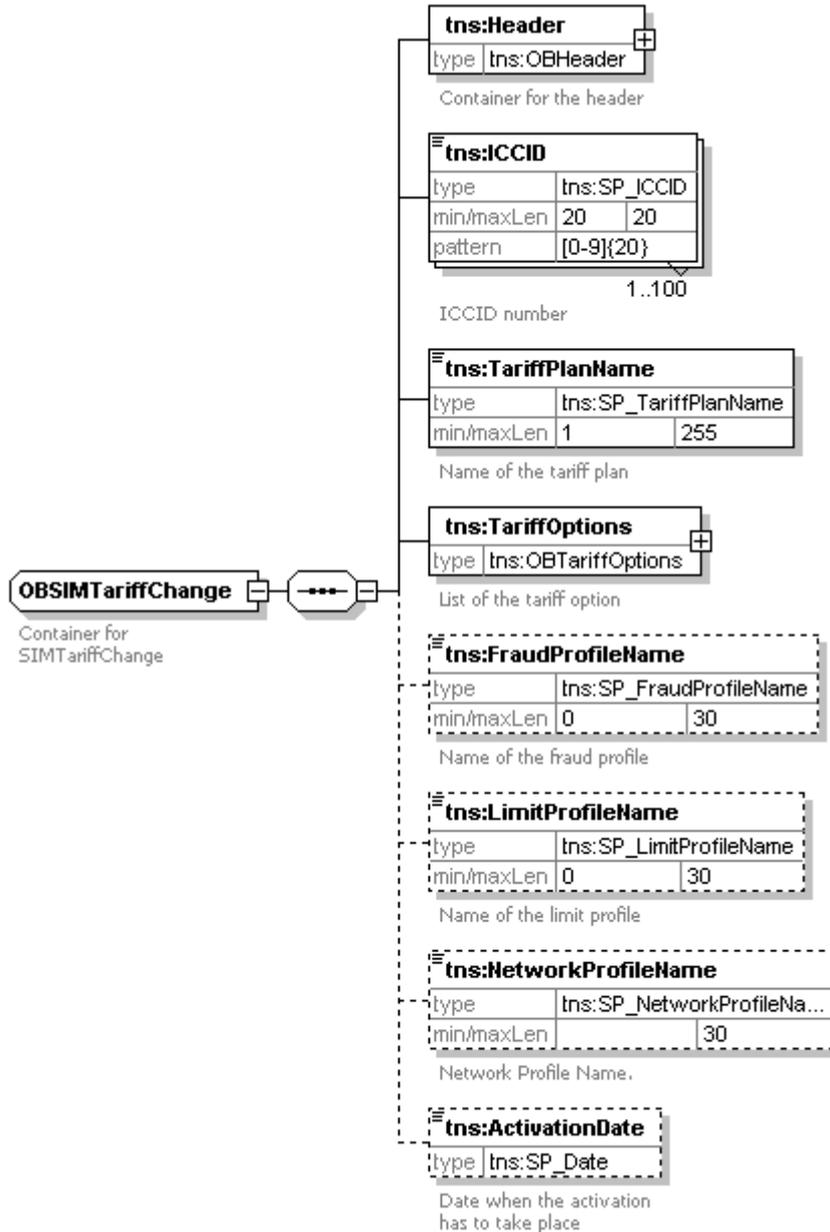
properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
 ICCID number
 source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">`
`<annotation>`
`<documentation>ICCID number</documentation>`
`</annotation>`
`</element>`

8.2.107 complexType OBSIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffPlanName](#) [tns:TariffOptions](#) [tns:FraudProfileName](#) [tns:LimitProfileName](#) [tns:NetworkProfileName](#) [tns:ActivationDate](#)

used by element [SIMTariffChange](#)

annotation documentation
 Container for SIMTariffChange

source `<complexType name="OBSIMTariffChange">`
`<annotation>`
`<documentation>Container for SIMTariffChange</documentation>`
`</annotation>`
`<sequence>`
`<element name="Header" type="tns:OBHeader">`
`<annotation>`

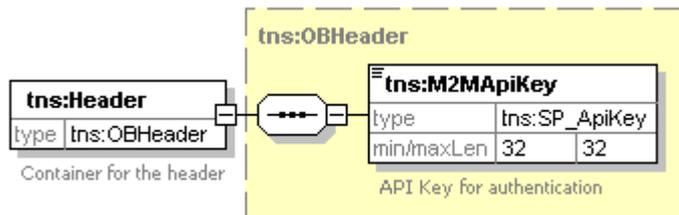
```

    <documentation>Container for the header</documentation>
  </annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
<element name="TariffPlanName" type="tns:SP_TariffPlanName">
  <annotation>
    <documentation>Name of the tariff plan</documentation>
  </annotation>
</element>
<element name="TariffOptions" type="tns:OBTariffOptions">
  <annotation>
    <documentation>List of the tariff option</documentation>
  </annotation>
</element>
<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
  <annotation>
    <documentation>Name of the fraud profile</documentation>
  </annotation>
</element>
<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
  <annotation>
    <documentation>Name of the limit profile</documentation>
  </annotation>
</element>
<element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
  <annotation>
    <documentation>Network Profile Name.</documentation>
  </annotation>
</element>
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

8.2.108 element OBSIMTariffChange/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

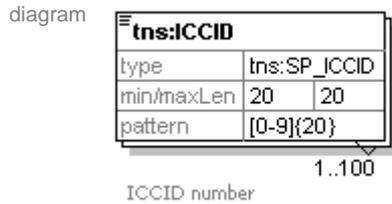
source

```

<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

8.2.109 element OBSIMTariffChange/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties

- isRef 0
- minOcc 1
- maxOcc 100
- content simple

facets

- minLength 20
- maxLength 20
- pattern [0-9]{20}

annotation

- documentation
ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

8.2.110 element OBSIMTariffChange/TariffPlanName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TariffPlanName](#)

properties

- isRef 0
- content simple

facets

- minLength 1
- maxLength 255

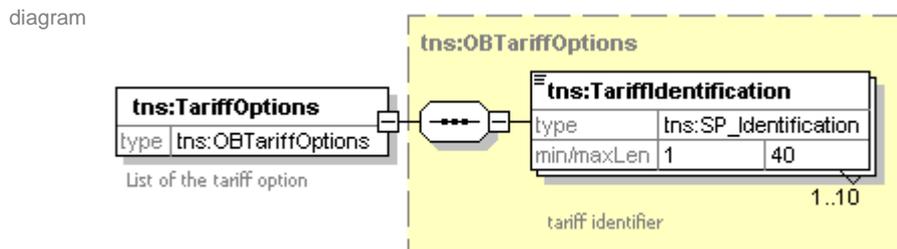
annotation

- documentation
Name of the tariff plan

source

```
<element name="TariffPlanName" type="tns:SP_TariffPlanName">
  <annotation>
    <documentation>Name of the tariff plan</documentation>
  </annotation>
</element>
```

8.2.111 element OBSIMTariffChange/TariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions](#)

properties

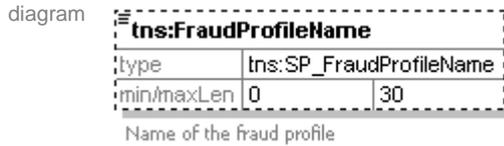
- isRef 0
- content complex

children [tns:TariffIdentification](#)

annotation documentation
List of the tariff option

source `<element name="TariffOptions" type="tns:OBTariffOptions">
<annotation>
<documentation>List of the tariff option</documentation>
</annotation>
</element>`

8.2.112 element OBSIMTariffChange/FraudProfileName



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_FraudProfileName](#)

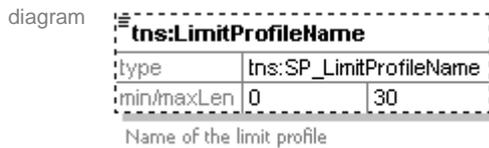
properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 0
maxLength 30

annotation documentation
Name of the fraud profile

source `<element name="FraudProfileName" type="tns:SP_FraudProfileName" minOccurs="0">
<annotation>
<documentation>Name of the fraud profile</documentation>
</annotation>
</element>`

8.2.113 element OBSIMTariffChange/LimitProfileName



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_LimitProfileName](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 0
maxLength 30

annotation documentation
Name of the limit profile

source `<element name="LimitProfileName" type="tns:SP_LimitProfileName" minOccurs="0">
<annotation>
<documentation>Name of the limit profile</documentation>
</annotation>
</element>`

8.2.114 element OBSIMTariffChange/NetworkProfileName



namespace `http://m2m-ws.telekom.de/M2MAdm`

type [tns:SP_NetworkProfileName](#)

properties isRef 0
 minOcc 0
 maxOcc 1
 content simple
 facets maxLength 30

annotation documentation
 Network Profile Name.

source <element name="NetworkProfileName" type="tns:SP_NetworkProfileName" minOccurs="0">
 <annotation>
 <documentation>Network Profile Name.</documentation>
 </annotation>
 </element>

8.2.115 element OBSIMTariffChange/ActivationDate



namespace http://m2m-ws.telekom.de/M2MAdm

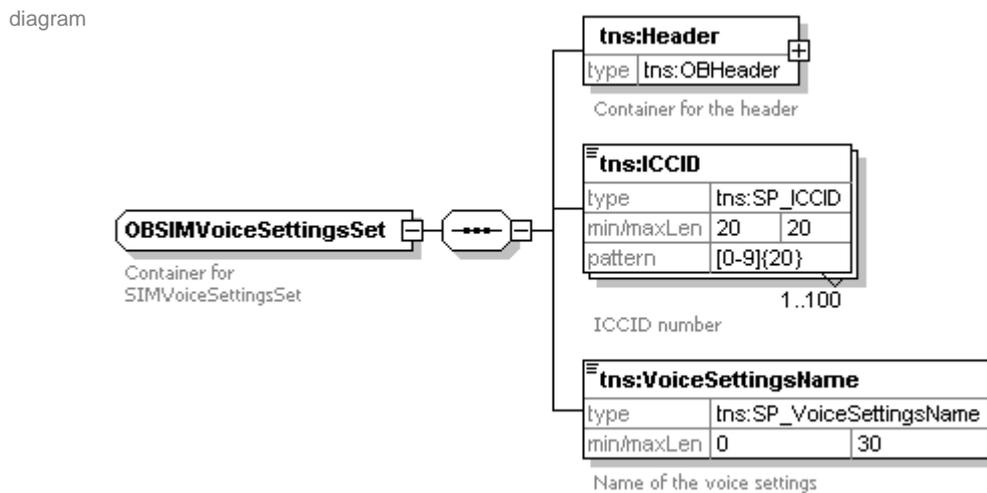
type [tns:SP_Date](#)

properties isRef 0
 minOcc 0
 maxOcc 1
 content simple

annotation documentation
 Date when the activation has to take place

source <element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
 <annotation>
 <documentation>Date when the activation has to take place</documentation>
 </annotation>
 </element>

8.2.116 complexType OBSIMVoiceSettingsSet



namespace http://m2m-ws.telekom.de/M2MAdm

children [tns:Header](#) [tns:ICCID](#) [tns:VoiceSettingsName](#)

used by element [SIMVoiceSettingsSet](#)

annotation documentation
 Container for SIMVoiceSettingsSet

source <complexType name="OBSIMVoiceSettingsSet">
 <annotation>
 <documentation>Container for SIMVoiceSettingsSet</documentation>
 </annotation>
 <sequence>
 <element name="Header" type="tns:OBHeader">
 <annotation>

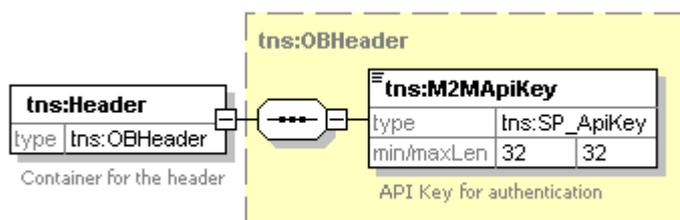
```

    <documentation>Container for the header</documentation>
  </annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
<element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName">
  <annotation>
    <documentation>Name of the voice settings</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

8.2.117 element OBSIMVoiceSettingsSet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

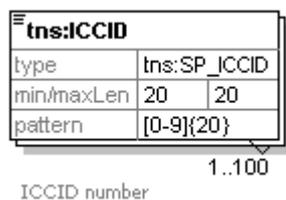
annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.2.118 element OBSIMVoiceSettingsSet/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

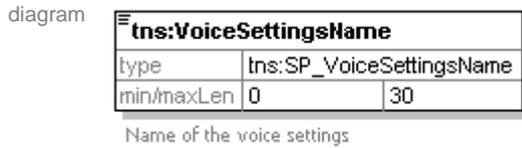
properties isRef 0
minOcc 1
maxOcc 100
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

8.2.119 element OBSIMVoiceSettingsSet/VoiceSettingsName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_VoiceSettingsName](#)

properties
isRef 0
content simple

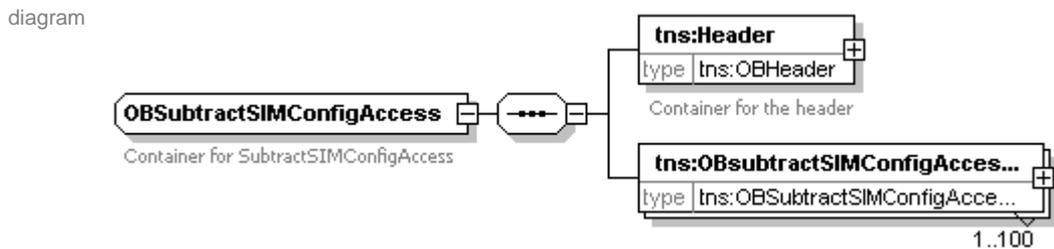
facets
minLength 0
maxLength 30

documentation
Name of the voice settings

source

```
<element name="VoiceSettingsName" type="tns:SP_VoiceSettingsName">
  <annotation>
    <documentation>Name of the voice settings</documentation>
  </annotation>
</element>
```

8.2.120 complexType OBSubtractSIMConfigAccess



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:OBSubtractSIMConfigAccessRequest](#)

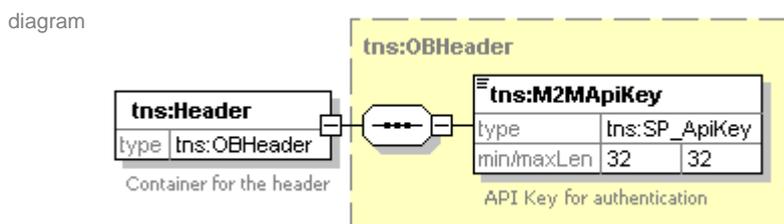
used by element [SubtractSIMConfigAccess](#)

documentation
Container for SubtractSIMConfigAccess

source

```
<complexType name="OBSubtractSIMConfigAccess">
  <annotation>
    <documentation>Container for SubtractSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBSubtractSIMConfigAccessRequest" type="tns:OBSubtractSIMConfigAccessRequest"
      maxOccurs="100"/>
  </sequence>
</complexType>
```

8.2.121 element OBSubtractSIMConfigAccess/Header

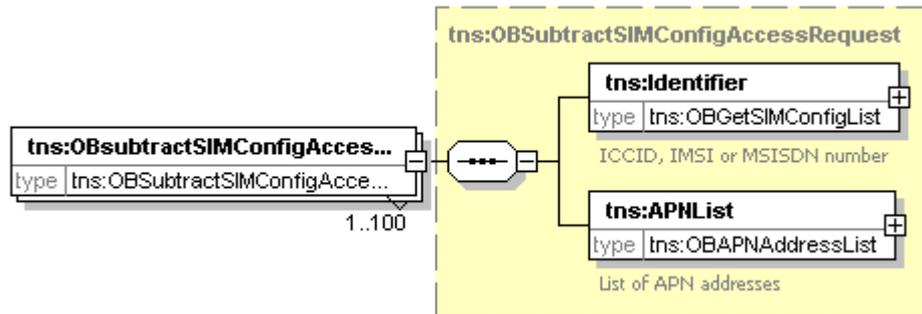


namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)
 properties isRef 0
 content complex
 children [tns:M2MApiKey](#)
 annotation documentation
 Container for the header
 source <element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
 </element>

8.2.122 element OBSubtractSIMConfigAccess/OBSubtractSIMConfigAccessRequest

diagram

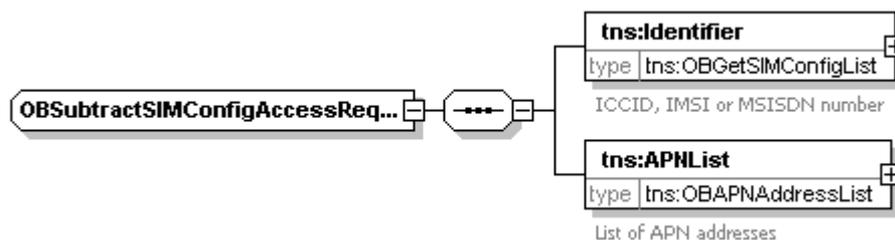


namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBSubtractSIMConfigAccessRequest](#)
 properties isRef 0
 minOcc 1
 maxOcc 100
 content complex
 children [tns:Identifier](#) [tns:APNList](#)
 source <element name="OBSubtractSIMConfigAccessRequest" type="tns:OBSubtractSIMConfigAccessRequest"
 maxOccurs="100"/>

8.2.123 complexType OBSubtractSIMConfigAccessRequest

diagram



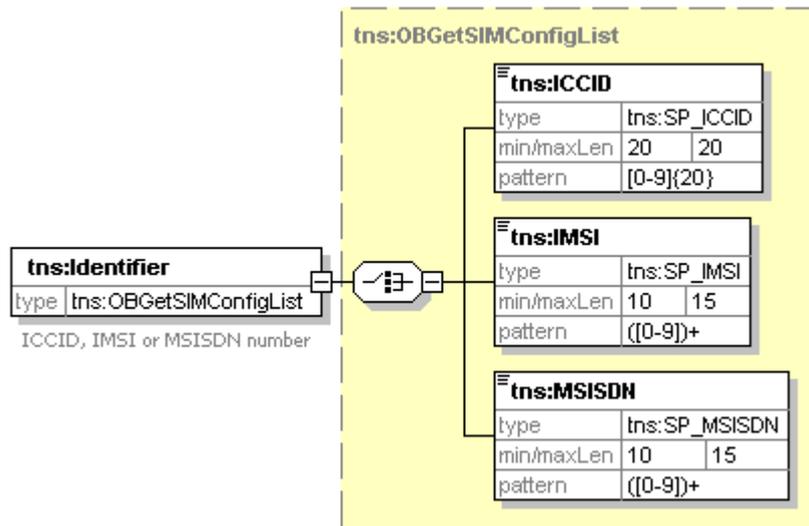
namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Identifier](#) [tns:APNList](#)
 used by element [OBSubtractSIMConfigAccess/OBSubtractSIMConfigAccessRequest](#)
 source <complexType name="OBSubtractSIMConfigAccessRequest">
 <sequence>
 <element name="Identifier" type="tns:OBGetSIMConfigList">
 <annotation>
 <documentation>ICCID, IMSI or MSISDN number</documentation>
 </annotation>
 </element>
 <element name="APNList" type="tns:OBAPNAddressList">
 <annotation>
 <documentation>List of APN addresses</documentation>
 </annotation>
 </element>
 </sequence>

</complexType>

8.2.124 element OSubtractSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBGetSIMConfigList](#)

properties isRef 0
content complex

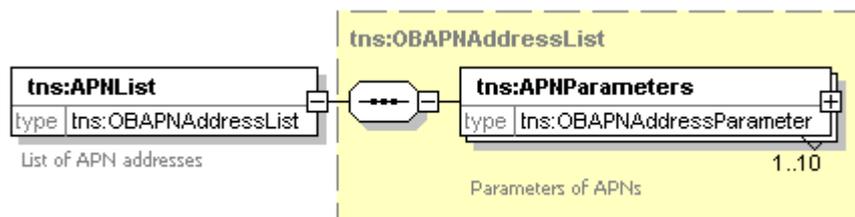
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

annotation documentation
ICCID, IMSI or MSISDN number

source `<element name="Identifier" type="tns:OBGetSIMConfigList">`
`<annotation>`
`<documentation>ICCID, IMSI or MSISDN number</documentation>`
`</annotation>`
`</element>`

8.2.125 element OSubtractSIMConfigAccessRequest/APNList

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBAPNAddressList](#)

properties isRef 0
content complex

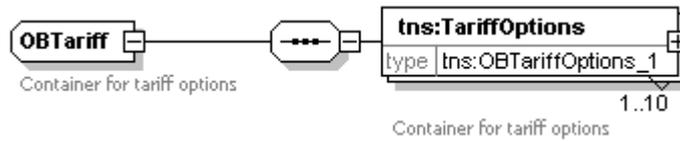
children [tns:APNParameters](#)

annotation documentation
List of APN addresses

source `<element name="APNList" type="tns:OBAPNAddressList">`
`<annotation>`
`<documentation>List of APN addresses</documentation>`
`</annotation>`
`</element>`

8.2.126 complexType OBTariff

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:TariffOptions](#)

used by element [OBTariffOptionChange/Tariff](#)

annotation documentation
Container for tariff options

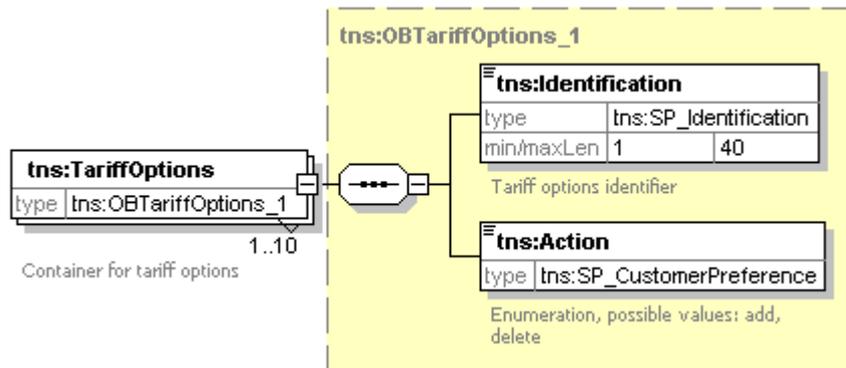
```

source <complexType name="OBTariff">
  <annotation>
    <documentation>Container for tariff options</documentation>
  </annotation>
  <sequence>
    <element name="TariffOptions" type="tns:OBTariffOptions_1" maxOccurs="10">
      <annotation>
        <documentation>Container for tariff options</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.127 element OBTariff/TariffOptions

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariffOptions_1](#)

properties
isRef 0
minOcc 1
maxOcc 10
content complex

children [tns:Identification](#) [tns:Action](#)

annotation documentation
Container for tariff options

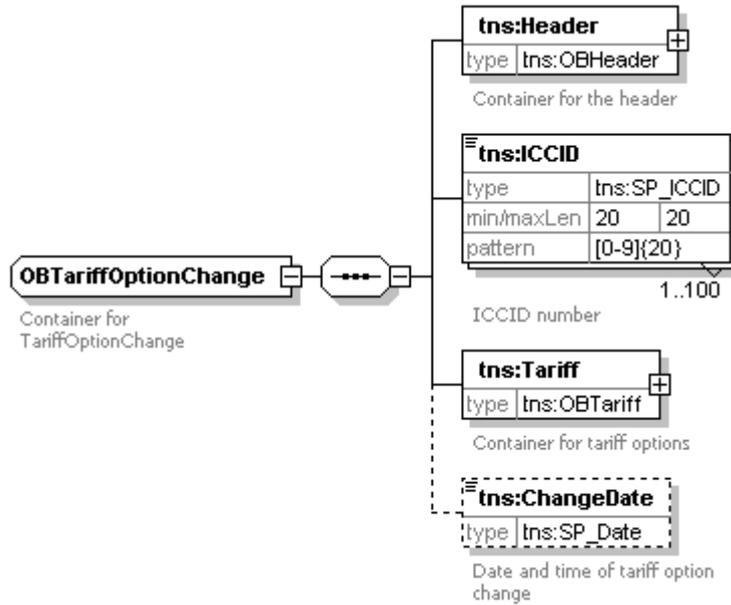
```

source <element name="TariffOptions" type="tns:OBTariffOptions_1" maxOccurs="10">
  <annotation>
    <documentation>Container for tariff options</documentation>
  </annotation>
</element>

```

8.2.128 complexType OBTariffOptionChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:Tariff](#) [tns:ChangeDate](#)

used by element [TariffOptionChange](#)

annotation documentation
Container for TariffOptionChange

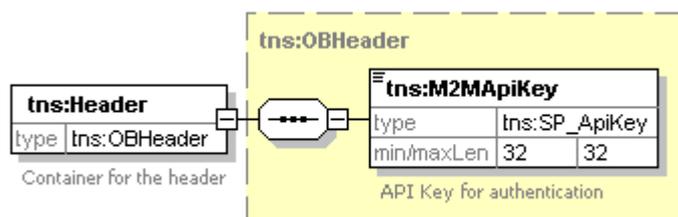
```

source <complexType name="OBTariffOptionChange">
  <annotation>
    <documentation>Container for TariffOptionChange</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="Tariff" type="tns:OBTariff">
      <annotation>
        <documentation>Container for tariff options</documentation>
      </annotation>
    </element>
    <element name="ChangeDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date and time of tariff option change</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.129 element OBTariffOptionChange/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

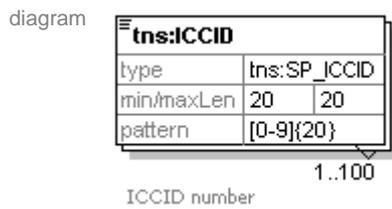
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.2.130 element OBTariffOptionChange/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

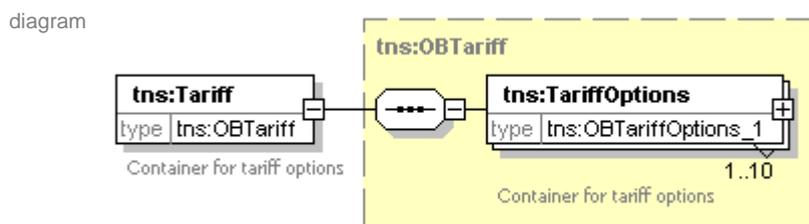
properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

8.2.131 element OBTariffOptionChange/Tariff



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBTariff](#)

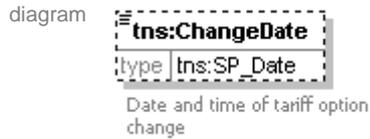
properties isRef 0
content complex

children [tns:TariffOptions](#)

annotation documentation
Container for tariff options

source `<element name="Tariff" type="tns:OBTariff">
<annotation>
<documentation>Container for tariff options</documentation>
</annotation>
</element>`

8.2.132 element OBTariffOptionChange/ChangeDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

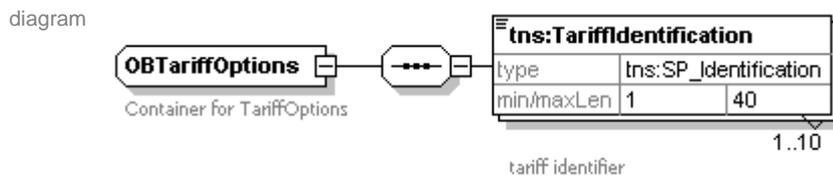
properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

documentation
 Date and time of tariff option change

source

```
<element name="ChangeDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date and time of tariff option change</documentation>
  </annotation>
</element>
```

8.2.133 complexType OBTariffOptions



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:TariffIdentification](#)

used by elements [OBSIMActivation/TariffOptions](#) [OBSIMTariffChange/TariffOptions](#)

documentation
 Container for TariffOptions

source

```
<complexType name="OBTariffOptions">
  <annotation>
    <documentation>Container for TariffOptions</documentation>
  </annotation>
  <sequence>
    <element name="TariffIdentification" type="tns:SP_Identification" maxOccurs="10">
      <annotation>
        <documentation>tariff identifier</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.2.134 element OBTariffOptions/TariffIdentification



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Identification](#)

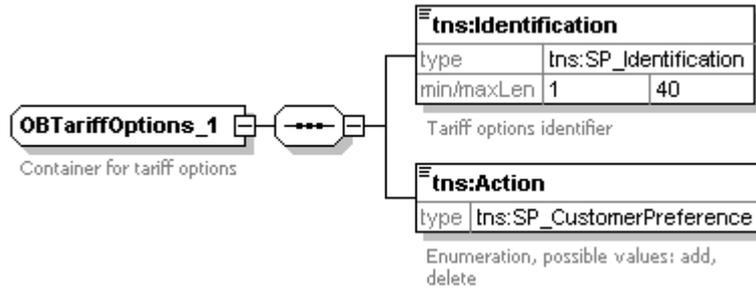
properties
 isRef 0
 minOcc 1
 maxOcc 10
 content simple

facets
 minLength 1
 maxLength 40

annotation documentation
 tariff identifier
 source `<element name="TariffIdentification" type="tns:SP_Identification" maxOccurs="10">`
`<annotation>`
`<documentation> tariff identifier</documentation>`
`</annotation>`
`</element>`

8.2.135 complexType OBTariffOptions_1

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>
 children [tns:Identification](#) [tns:Action](#)
 used by element [OBTariff/TariffOptions](#)
 annotation documentation
 Container for tariff options
 source `<complexType name="OBTariffOptions_1">`
`<annotation>`
`<documentation>Container for tariff options</documentation>`
`</annotation>`
`<sequence>`
`<element name="Identification" type="tns:SP_Identification">`
`<annotation>`
`<documentation>Tariff options identifier</documentation>`
`</annotation>`
`</element>`
`<element name="Action" type="tns:SP_CustomerPreference">`
`<annotation>`
`<documentation>Enumeration, possible values: add, delete</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

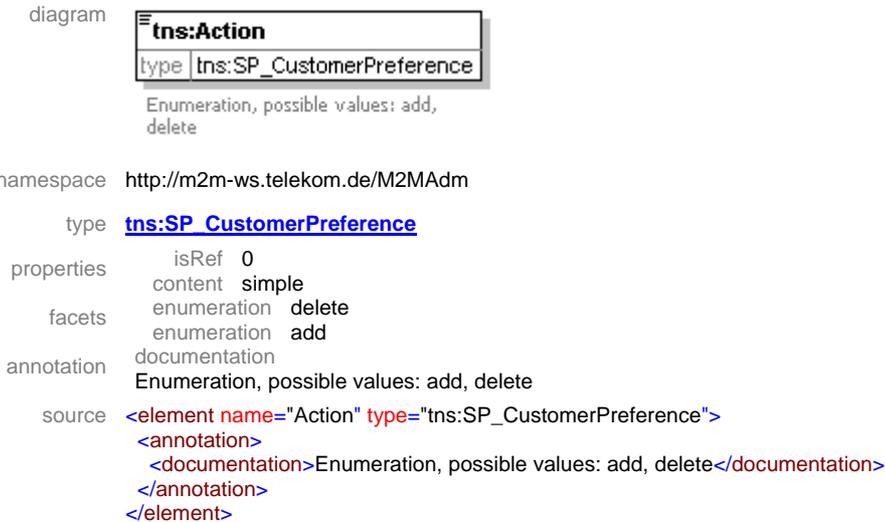
8.2.136 element OBTariffOptions_1/Identification

diagram

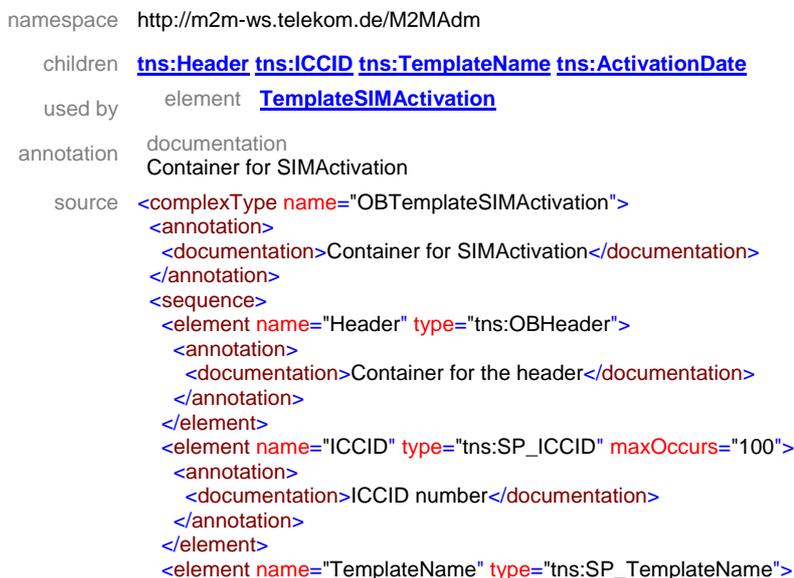
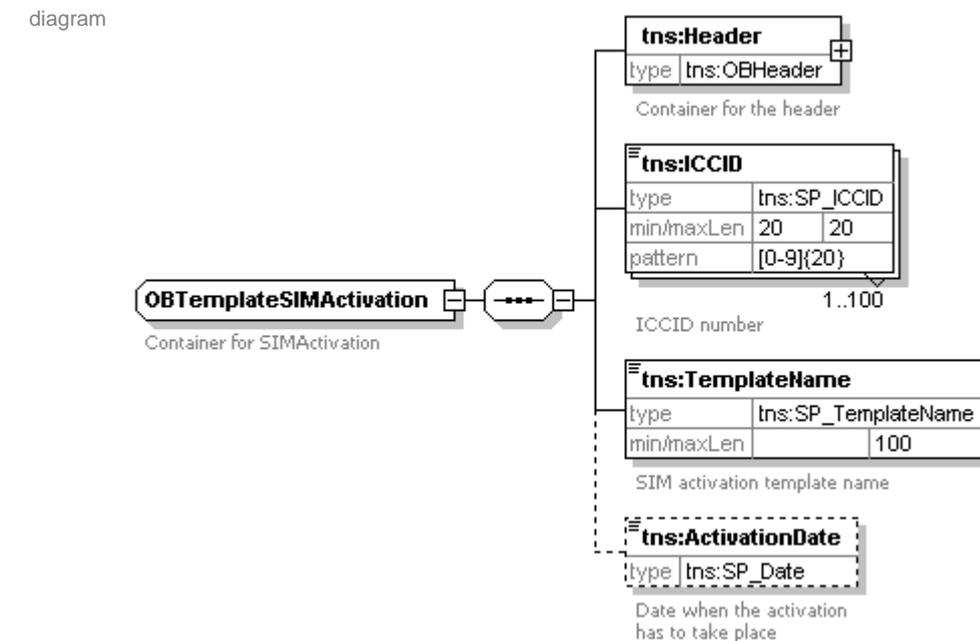


namespace <http://m2m-ws.telekom.de/M2MAdm>
 type [tns:SP_Identification](#)
 properties isRef 0
 content simple
 facets minLength 1
 maxLength 40
 annotation documentation
 Tariff options identifier
 source `<element name="Identification" type="tns:SP_Identification">`
`<annotation>`
`<documentation>Tariff options identifier</documentation>`
`</annotation>`
`</element>`

8.2.137 element OBTariffOptions_1/Action



8.2.138 complexType OBTemplateSIMActivation



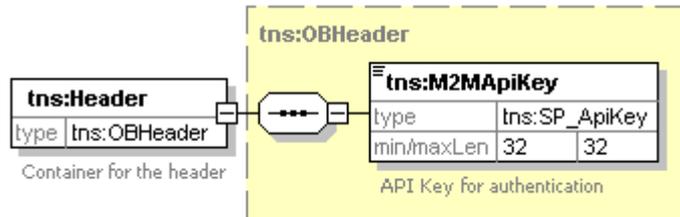
```

<annotation>
  <documentation>SIM activation template name</documentation>
</annotation>
</element>
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

8.2.139 element OBTemplateSIMActivation/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

properties isRef 0
content complex

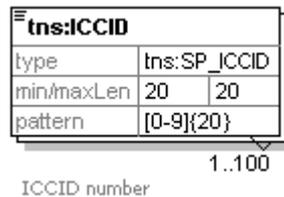
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source <element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>

8.2.140 element OBTemplateSIMActivation/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>

8.2.141 element OBTemplateSIMActivation/TemplateName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TemplateName](#)

properties isRef 0
content simple
facets maxLength 100

annotation documentation
SIM activation template name

source

```
<element name="TemplateName" type="tns:SP_TemplateName">
  <annotation>
    <documentation>SIM activation template name</documentation>
  </annotation>
</element>
```

8.2.142 element OBTemplateSIMActivation/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

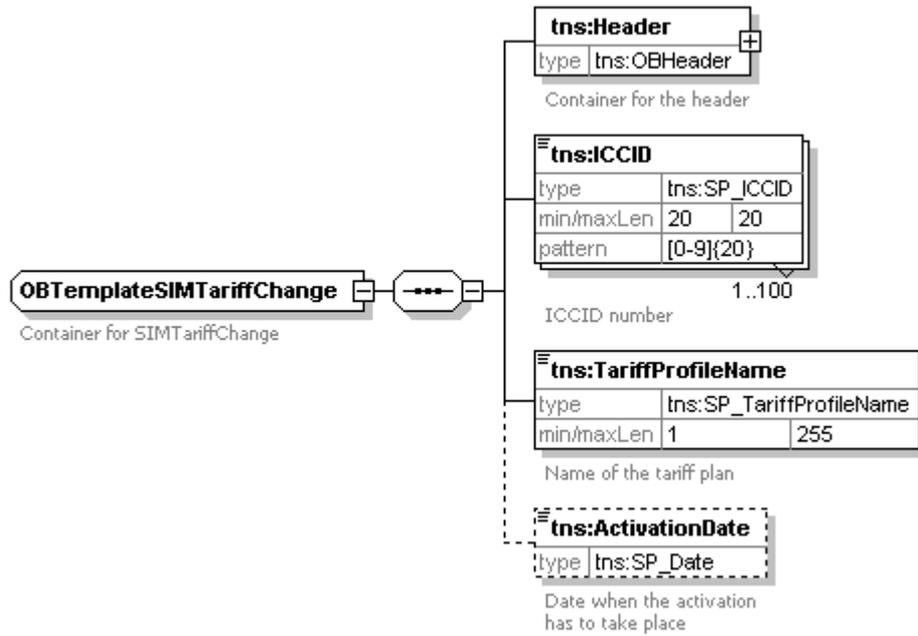
annotation documentation
Date when the activation has to take place

source

```
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
```

8.2.143 complexType OBTemplateSIMTariffChange

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

children [tns:Header](#) [tns:ICCID](#) [tns:TariffProfileName](#) [tns:ActivationDate](#)

used by element [TemplateSIMTariffChange](#)

annotation documentation
Container for SIMTariffChange

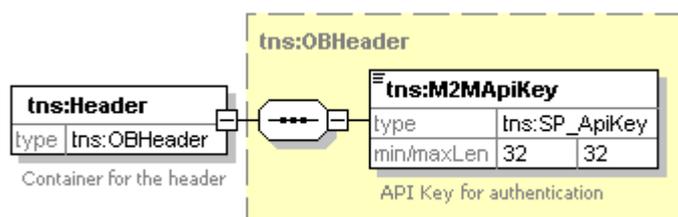
```

source <complexType name="OBTemplateSIMTariffChange">
  <annotation>
    <documentation>Container for SIMTariffChange</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
    <element name="TariffProfileName" type="tns:SP_TariffProfileName">
      <annotation>
        <documentation>Name of the tariff plan</documentation>
      </annotation>
    </element>
    <element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
      <annotation>
        <documentation>Date when the activation has to take place</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.2.144 element OBTemplateSIMTariffChange/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:OBHeader](#)

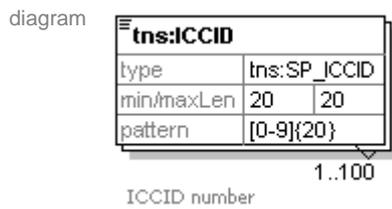
properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.2.145 element OBTemplateSIMTariffChange/ICCID



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

8.2.146 element OBTemplateSIMTariffChange/TariffProfileName



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_TariffProfileName](#)

properties isRef 0
content simple

facets minLength 1
maxLength 255

annotation documentation
Name of the tariff plan

source `<element name="TariffProfileName" type="tns:SP_TariffProfileName">
<annotation>
<documentation>Name of the tariff plan</documentation>
</annotation>
</element>`

8.2.147 element OBTemplateSIMTariffChange/ActivationDate



namespace <http://m2m-ws.telekom.de/M2MAdm>

type [tns:SP_Date](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

documentation
Date when the activation has to take place

source

```
<element name="ActivationDate" type="tns:SP_Date" minOccurs="0">
  <annotation>
    <documentation>Date when the activation has to take place</documentation>
  </annotation>
</element>
```

8.2.148 simpleType SP_AccountCrmlId

namespace <http://m2m-ws.telekom.de/M2MAdm>

type **long**

used by element [OBSIMActivation/AccountCrmlId](#)

documentation
SIM group ID

source

```
<simpleType name="SP_AccountCrmlId">
  <annotation>
    <documentation>SIM group ID</documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>
```

8.2.149 simpleType SP_ApiKey

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBHeader/M2MApiKey](#)

facets minLength 32
maxLength 32

documentation
API Key for authentication

source

```
<simpleType name="SP_ApiKey">
  <annotation>
    <documentation>API Key for authentication</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="32"/>
    <minLength value="32"/>
  </restriction>
</simpleType>
```

8.2.150 simpleType SP_APNAddress

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBAPNParameters/APNAddress](#) [OBAPNAddressParameter/APNAddress](#)

facets minLength 1
maxLength 63

documentation
Private APN Name. Can only be set if static IP or Private APN was subscribed

source `<simpleType name="SP_APNAddress">`
`<annotation>`
`<documentation>Private APN Name. Can only be set if static IP or Private APN was subscribed</documentation>`
`</annotation>`
`<restriction base="string">`
`<maxLength value="63"/>`
`<minLength value="1"/>`
`</restriction>`
`</simpleType>`

8.2.151 simpleType SP_CustomerPreference

namespace `http://m2m-ws.telekom.de/M2MAdm`

type **restriction of string**

used by element [OBTariffOptions 1/Action](#)

facets enumeration `delete`
enumeration `add`

annotation documentation
Enumeration, possible values: add, delete

source `<simpleType name="SP_CustomerPreference">`
`<annotation>`
`<documentation>Enumeration, possible values: add, delete</documentation>`
`</annotation>`
`<restriction base="string">`
`<enumeration value="delete"/>`
`<enumeration value="add"/>`
`</restriction>`
`</simpleType>`

8.2.152 simpleType SP_Date

namespace `http://m2m-ws.telekom.de/M2MAdm`

type **dateTime**

used by elements [OBSIMActivation/ActivationDate](#) [OBTemplateSIMActivation/ActivationDate](#)
[OBSIMTariffChange/ActivationDate](#) [OBTemplateSIMTariffChange/ActivationDate](#)
[OBNetworkProfileSet/ChangeDate](#) [OBTariffOptionChange/ChangeDate](#)

annotation documentation
Date and time

source `<simpleType name="SP_Date">`
`<annotation>`
`<documentation>Date and time</documentation>`
`</annotation>`
`<restriction base="dateTime"/>`
`</simpleType>`

8.2.153 simpleType SP_FraudProfileName

namespace `http://m2m-ws.telekom.de/M2MAdm`

type **restriction of string**

used by elements [OBSIMActivation/FraudProfileName](#) [OBSIMTariffChange/FraudProfileName](#)
[OBSIMLimitSet/FraudProfileName](#)

facets minLength `0`
maxLength `30`

annotation documentation
Name of the fraud profile

source `<simpleType name="SP_FraudProfileName">`
`<annotation>`
`<documentation>Name of the fraud profile</documentation>`
`</annotation>`
`<restriction base="string">`
`<maxLength value="30"/>`
`<minLength value="0"/>`
`</restriction>`
`</simpleType>`

8.2.154 simpleType SP_ICCID

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/ICCID](#) [OBTemplateSIMActivation/ICCID](#) [OBSIMTariffChange/ICCID](#) [OBTemplateSIMTariffChange/ICCID](#) [OBOVERRIDELimit/ICCID](#) [OBRestoreLimit/ICCID](#) [OBBarrierModification/ICCID](#) [OBSIMSuspension/ICCID](#) [OBSIMResumption/ICCID](#) [OBSIMCancellation/ICCID](#) [OBTariffOptionChange/ICCID](#) [OBSIMLimitSet/ICCID](#) [OBSIMVoiceSettingsSet/ICCID](#) [OBSIMConfigAccessResponseState/ICCID](#) [OBIdentifier/ICCID](#)

facets
minLength 20
maxLength 20
pattern [0-9]{20}

annotation
documentation
ICCID number

```
<simpleType name="SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="20"/>
    <minLength value="20"/>
    <pattern value="[0-9]{20}"/>
  </restriction>
</simpleType>
```

8.2.155 simpleType SP_Identification

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBTariffOptions_1/Identification](#) [OBTariffOptions/TariffIdentification](#)

facets
minLength 1
maxLength 40

annotation
documentation
Tariff options identifier

```
<simpleType name="SP_Identification">
  <annotation>
    <documentation>Tariff options identifier</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="40"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

8.2.156 simpleType SP_IMSI

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMConfigAccessResponseState/IMSI](#) [OBIdentifier/IMSI](#)

facets
minLength 10
maxLength 15
pattern ([0-9])+

annotation
documentation
IMSI number

```
<simpleType name="SP_IMSI">
  <annotation>
    <documentation>IMSI number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9])+"/>
  </restriction>
</simpleType>
```

8.2.157 simpleType SP_IPAddress

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBAPNParameters/IPAddress](#)

facets pattern `|(((([1-9]?[0-9])1[0-9][0-9])2[0-4][0-9])25[0-5])\.)}{3}([1-9]?[0-9]1[0-9][0-9]2[0-4][0-9]25[0-5])`

annotation documentation
Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed

source

```
<simpleType name="SP_IPAddress">
  <annotation>
    <documentation>Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed</documentation>
  </annotation>
  <restriction base="string">
    <pattern value="|(((([1-9]?[0-9])1[0-9][0-9])2[0-4][0-9])25[0-5])\.)}{3}([1-9]?[0-9]1[0-9][0-9]2[0-4][0-9]25[0-5])"/>
  </restriction>
</simpleType>
```

8.2.158 simpleType SP_LimitProfileName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/LimitProfileName](#) [OBSIMTariffChange/LimitProfileName](#) [OBSIMLimitSet/LimitProfileName](#)

facets minLength 0
maxLength 30

annotation documentation
Name of the limit profile

source

```
<simpleType name="SP_LimitProfileName">
  <annotation>
    <documentation>Name of the limit profile</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="30"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

8.2.159 simpleType SP_LockType

namespace <http://m2m-ws.telekom.de/M2MAdm>

type **long**

used by element [OBBarrierModification/LockType](#)

annotation documentation
Kind of lock (for future usage). Currently only 1 (full barrier) is available

source

```
<simpleType name="SP_LockType">
  <annotation>
    <documentation>Kind of lock (for future usage). Currently only 1 (full barrier) is available</documentation>
  </annotation>
  <restriction base="long"/>
</simpleType>
```

8.2.160 simpleType SP_MSISDN

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMConfigAccessResponseState/MSISDN](#) [OBIdentifier/MSISDN](#)

facets minLength 10
maxLength 15
pattern `[(0-9)]+`

annotation documentation
MSISDN number

```

source <simpleType name="SP_MSISDN">
  <annotation>
    <documentation>MSISDN number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="([0-9]+)/>
  </restriction>
</simpleType>

```

8.2.161 simpleType SP_NetworkProfileName

```

namespace http://m2m-ws.telekom.de/M2MAdm
  type restriction of string
  used by elements OBSIMActivation/NetworkProfileName OBSIMTariffChange/NetworkProfileName
    OBNetworkProfileSet/NetworkProfileName
  facets
    maxLength 30
  annotation
    documentation
      Network profile name
  source <simpleType name="SP_NetworkProfileName">
    <annotation>
      <documentation>Network profile name</documentation>
    </annotation>
    <restriction base="string">
      <maxLength value="30"/>
    </restriction>
  </simpleType>

```

8.2.162 simpleType SP_StateCode

```

namespace http://m2m-ws.telekom.de/M2MAdm
  type restriction of string
  used by elements OBResponseState/StateCode OBSIMConfigAccessResponseState/StateCode
  facets
    minLength 0
    maxLength 10
  annotation
    documentation
      No error = 0, greater than 0 validation code
  source <simpleType name="SP_StateCode">
    <annotation>
      <documentation>No error = 0, greater than 0 validation code</documentation>
    </annotation>
    <restriction base="string">
      <maxLength value="10"/>
      <minLength value="0"/>
    </restriction>
  </simpleType>

```

8.2.163 simpleType SP_StateText

```

namespace http://m2m-ws.telekom.de/M2MAdm
  type restriction of string
  used by elements OBResponseState/StateText OBSIMConfigAccessResponseState/StateText
  facets
    minLength 0
    maxLength 64
  annotation
    documentation
      Reason for error
  source <simpleType name="SP_StateText">
    <annotation>
      <documentation>Reason for error</documentation>
    </annotation>
    <restriction base="string">
      <maxLength value="64"/>
      <minLength value="0"/>
    </restriction>
  </simpleType>

```

8.2.164 simpleType SP_TariffPlanName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/TariffPlanName](#) [OBSIMTariffChange/TariffPlanName](#)

facets
minLength 1
maxLength 255

annotation documentation
Name of the tariff plan

source

```
<simpleType name="SP_TariffPlanName">
  <annotation>
    <documentation>Name of the tariff plan</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

8.2.165 simpleType SP_TariffProfileName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBTemplateSIMTariffChange/TariffProfileName](#)

facets
minLength 1
maxLength 255

annotation documentation
Name of the tariff profile

source

```
<simpleType name="SP_TariffProfileName">
  <annotation>
    <documentation>Name of the tariff profile</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

8.2.166 simpleType SP_TemplateName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by element [OBTemplateSIMActivation/TemplateName](#)

facets
maxLength 100

annotation documentation
activation Template Name

source

```
<simpleType name="SP_TemplateName">
  <annotation>
    <documentation>activation Template Name</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="100"/>
  </restriction>
</simpleType>
```

8.2.167 simpleType SP_VoiceSettingsName

namespace <http://m2m-ws.telekom.de/M2MAdm>

type restriction of **string**

used by elements [OBSIMActivation/VoiceSettingsName](#) [OBSIMVoiceSettingsSet/VoiceSettingsName](#)

facets
minLength 0
maxLength 30

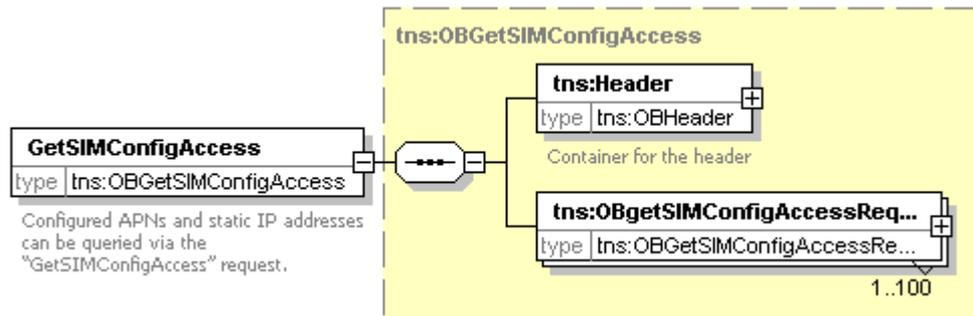
annotation documentation
Name of the voice settings

source `<simpleType name="SP_VoiceSettingsName">
<annotation>
<documentation>Name of the voice settings</documentation>
</annotation>
<restriction base="string">
<maxLength value="30"/>
<minLength value="0"/>
</restriction>
</simpleType>`

8.3 M2MMonFile

8.3.1 element GetSIMConfigAccess

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigAccess](#)

properties content complex

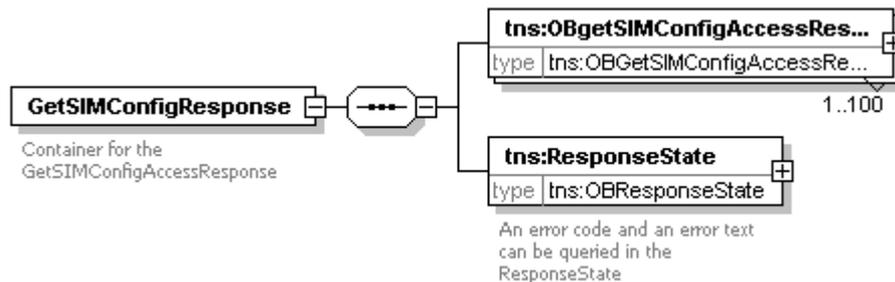
children [tns:Header](#) [tns:OBgetSIMConfigAccessRequest](#)

annotation documentation
Configured APNs and static IP addresses can be queried via the "GetSIMConfigAccess" request.

source `<element name="GetSIMConfigAccess" type="tns:OBGetSIMConfigAccess">
<annotation>
<documentation>Configured APNs and static IP addresses can be queried via the "GetSIMConfigAccess"
request.</documentation>
</annotation>
</element>`

8.3.2 element GetSIMConfigResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

properties content complex

children [tns:OBgetSIMConfigAccessResponse](#) [tns:ResponseState](#)

annotation documentation
Container for the GetSIMConfigAccessResponse

source `<element name="GetSIMConfigResponse">
<annotation>
<documentation>Container for the GetSIMConfigAccessResponse</documentation>
</annotation>`

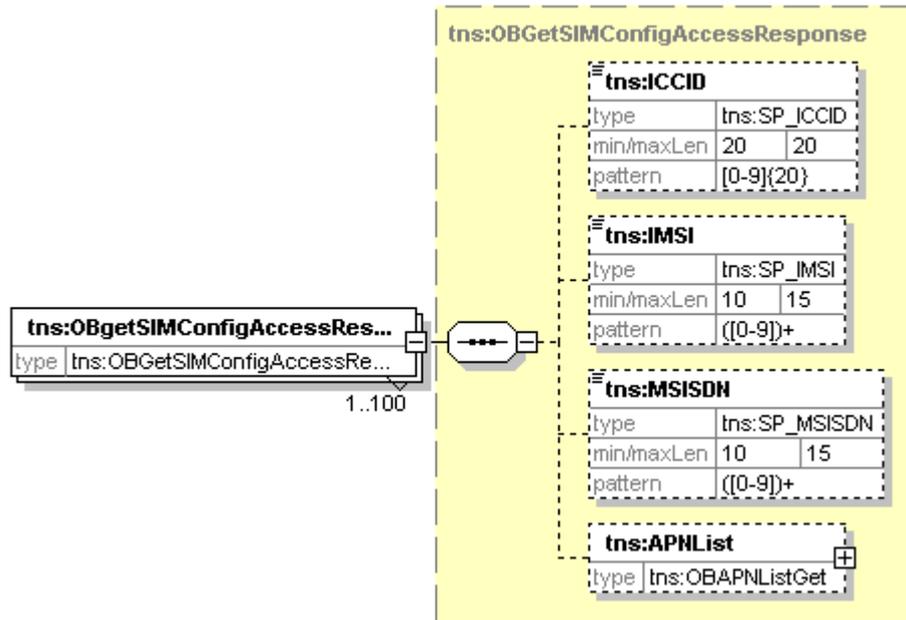
```

<complexType>
  <sequence>
    <element name="OBgetSIMConfigAccessResponse" type="tns:OBGetSIMConfigAccessResponse"
maxOccurs="100"/>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>An error code and an error text can be queried in the ResponseState</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
</element>

```

8.3.3 element GetSIMConfigResponse/OBgetSIMConfigAccessResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigAccessResponse](#)

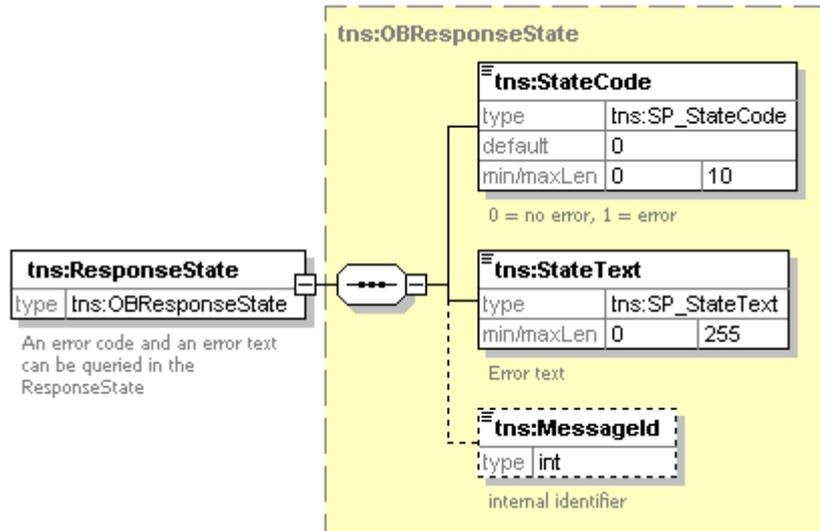
properties
 isRef 0
 minOcc 1
 maxOcc 100
 content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:APNList](#)

source `<element name="OBgetSIMConfigAccessResponse" type="tns:OBGetSIMConfigAccessResponse" maxOccurs="100"/>`

8.3.4 element GetSIMConfigResponse/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

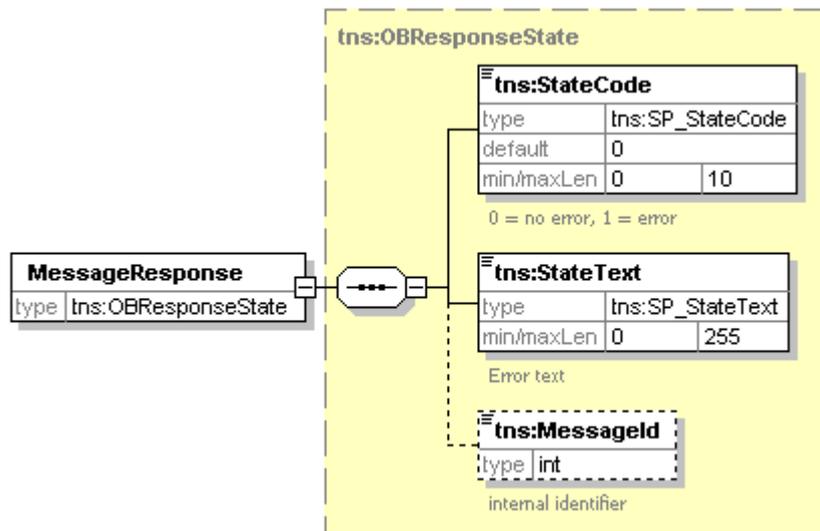
children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
An error code and an error text can be queried in the ResponseState

source `<element name="ResponseState" type="tns:OBResponseState">
<annotation>
<documentation>An error code and an error text can be queried in the ResponseState</documentation>
</annotation>
</element>`

8.3.5 element MessageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

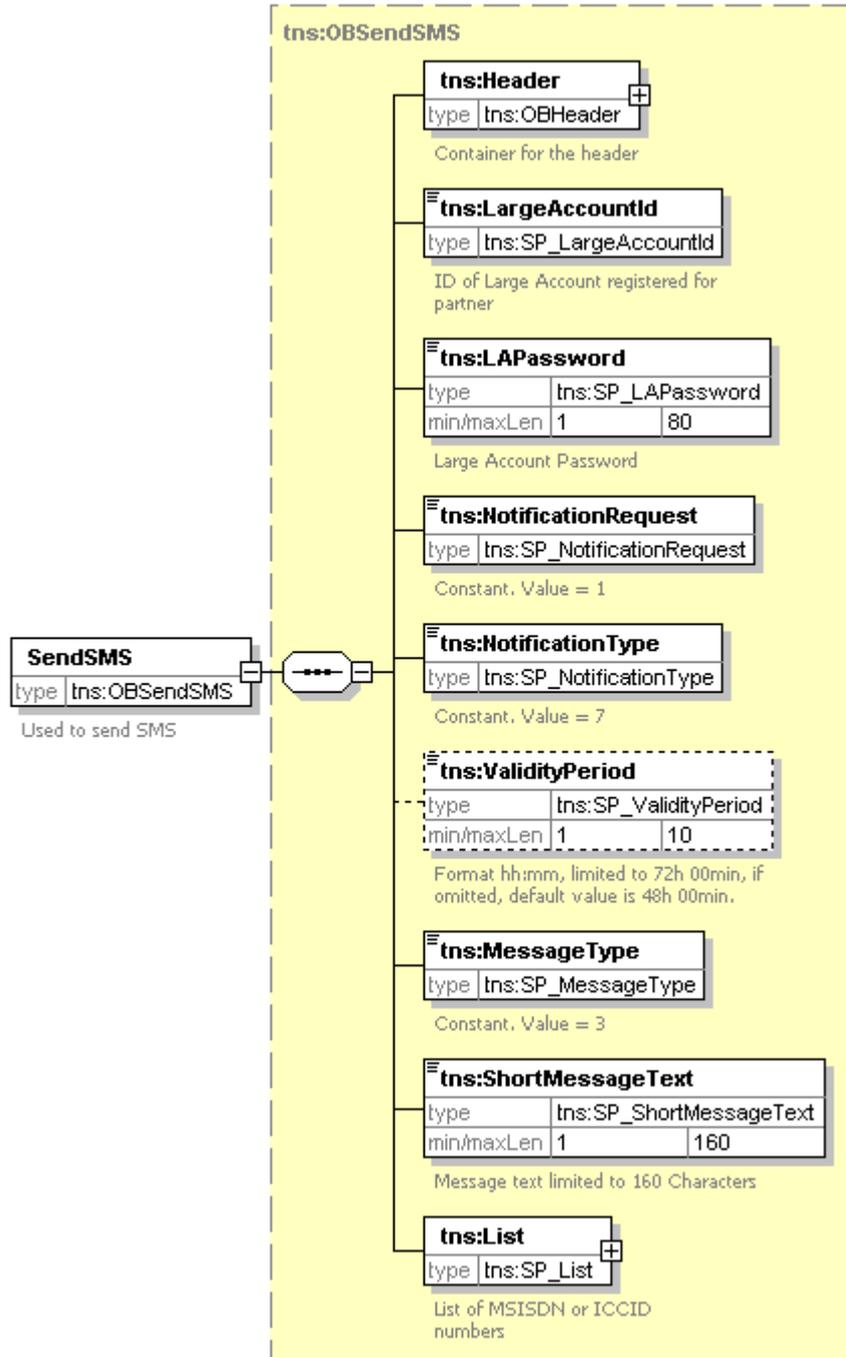
properties content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

source `<element name="MessageResponse" type="tns:OBResponseState"/>`

8.3.6 element SendSMS

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSendSMS](#)

properties content complex

children [tns:Header](#) [tns:LargeAccountld](#) [tns:LAPassword](#) [tns:NotificationRequest](#) [tns:NotificationType](#) [tns:ValidityPeriod](#) [tns:MessageType](#) [tns:ShortMessageText](#) [tns:List](#)

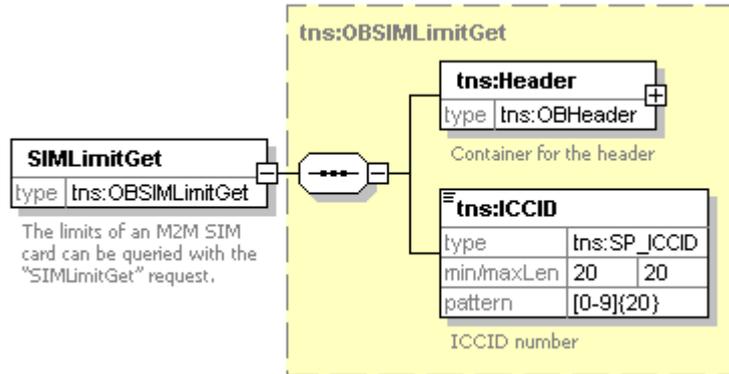
annotation documentation
Used to send SMS

source

```
<element name="SendSMS" type="tns:OBSendSMS">
  <annotation>
    <documentation>Used to send SMS</documentation>
  </annotation>
</element>
```

8.3.7 element SIMLimitGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitGet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

annotation documentation

The limits of an M2M SIM card can be queried with the "SIMLimitGet" request.

source `<element name="SIMLimitGet" type="tns:OBSIMLimitGet">`

`<annotation>`

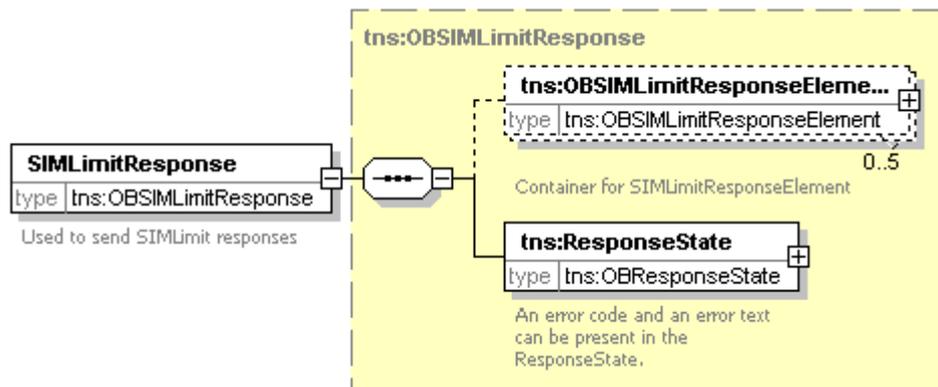
`<documentation>The limits of an M2M SIM card can be queried with the "SIMLimitGet" request.</documentation>`

`</annotation>`

`</element>`

8.3.8 element SIMLimitResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitResponse](#)

properties content complex

children [tns:OBSIMLimitResponseElements](#) [tns:ResponseState](#)

annotation documentation

Used to send SIMLimit responses

source `<element name="SIMLimitResponse" type="tns:OBSIMLimitResponse">`

`<annotation>`

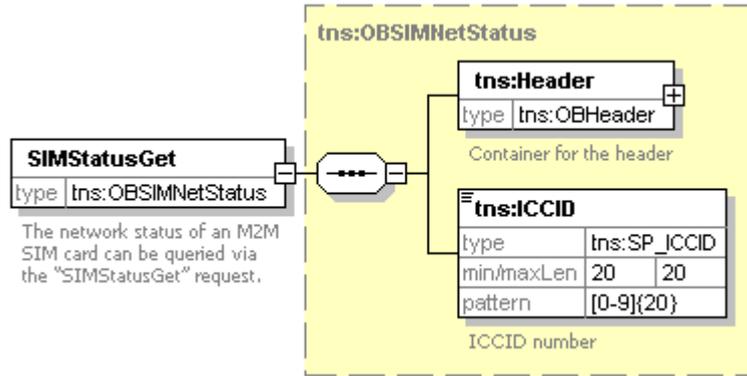
`<documentation>Used to send SIMLimit responses</documentation>`

`</annotation>`

`</element>`

8.3.9 element SIMStatusGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMNetStatus](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

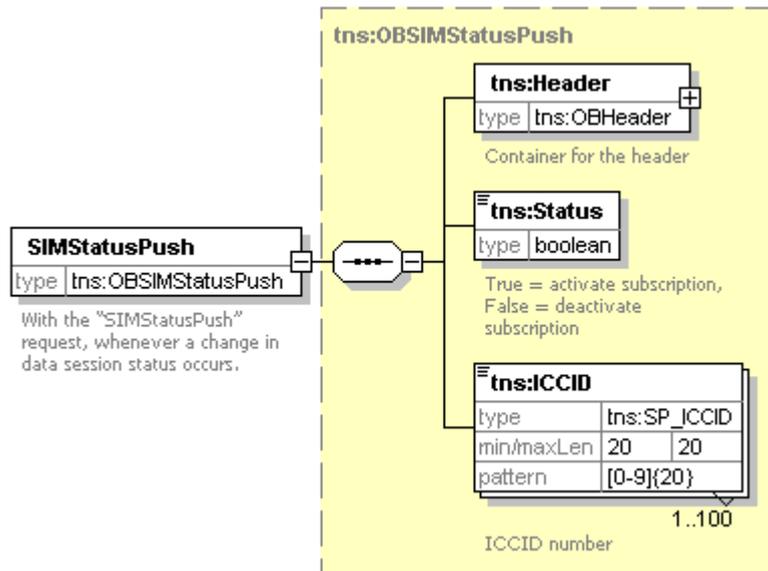
annotation documentation

The network status of an M2M SIM card can be queried via the "SIMStatusGet" request.

source `<element name="SIMStatusGet" type="tns:OBSIMNetStatus">`
`<annotation>`
`<documentation>`The network status of an M2M SIM card can be queried via the "SIMStatusGet"
`request.</documentation>`
`</annotation>`
`</element>`

8.3.10 element SIMStatusPush

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMStatusPush](#)

properties content complex

children [tns:Header](#) [tns:Status](#) [tns:ICCID](#)

annotation documentation

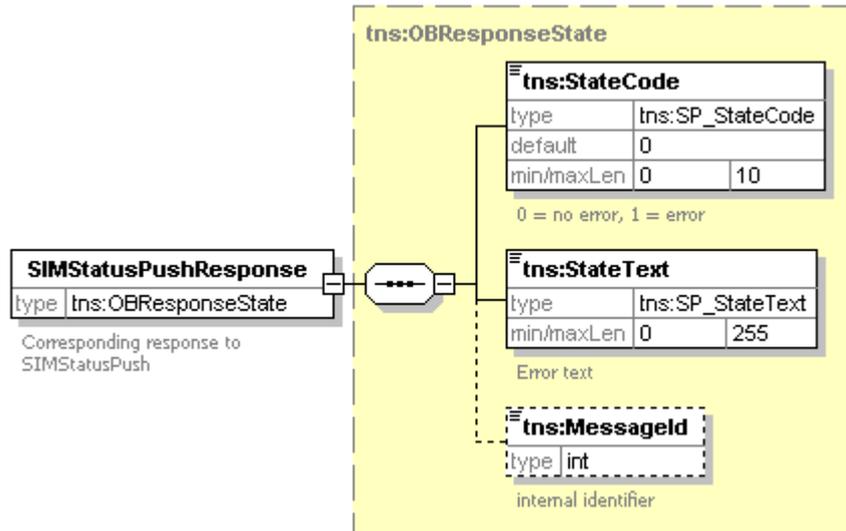
With the "SIMStatusPush" request, whenever a change in data session status occurs.

source `<element name="SIMStatusPush" type="tns:OBSIMStatusPush">`
`<annotation>`
`<documentation>`With the "SIMStatusPush" request, whenever a change in data session status
`occurs.</documentation>`
`</annotation>`

</element>

8.3.11 element SIMStatusPushResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties content complex

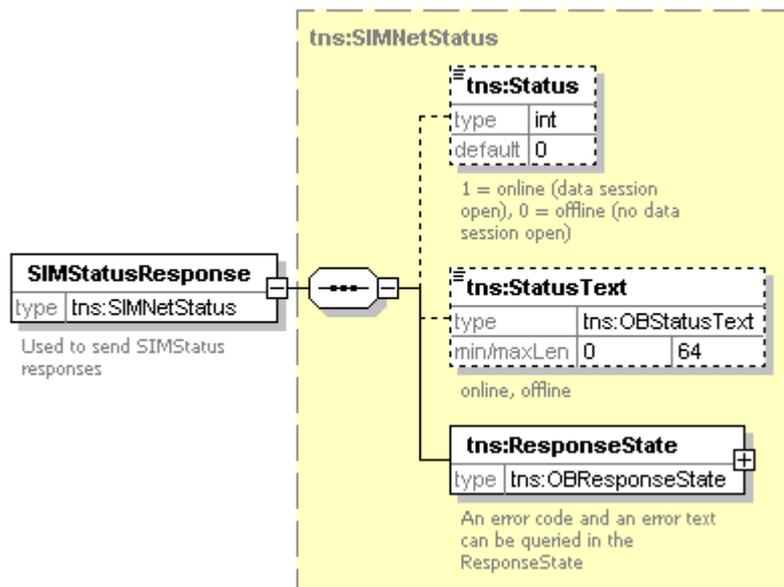
children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
Corresponding response to SIMStatusPush

source `<element name="SIMStatusPushResponse" type="tns:OBResponseState">
<annotation>
<documentation>Corresponding response to SIMStatusPush</documentation>
</annotation>
</element>`

8.3.12 element SIMStatusResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SIMNetStatus](#)

properties content complex

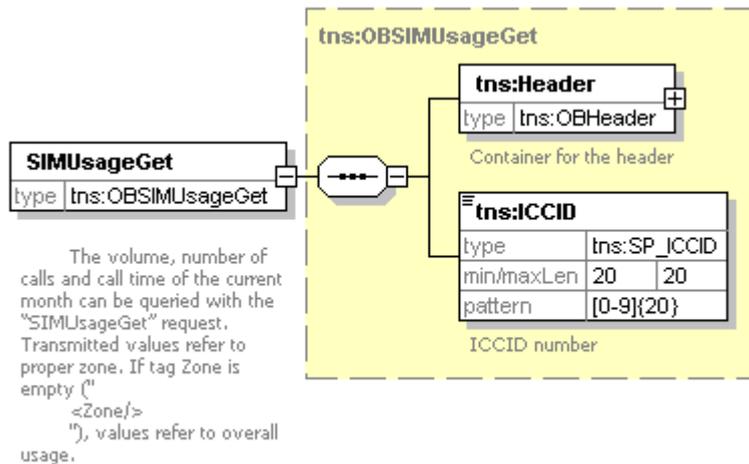
children [tns:Status](#) [tns:StatusText](#) [tns:ResponseState](#)

annotation documentation
Used to send SIMStatus responses

source `<element name="SIMStatusResponse" type="tns:SIMNetStatus">`
`<annotation>`
`<documentation>Used to send SIMStatus responses</documentation>`
`</annotation>`
`</element>`

8.3.13 element SIMUsageGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMUsageGet](#)

properties content complex

children [tns:Header](#) [tns:ICCID](#)

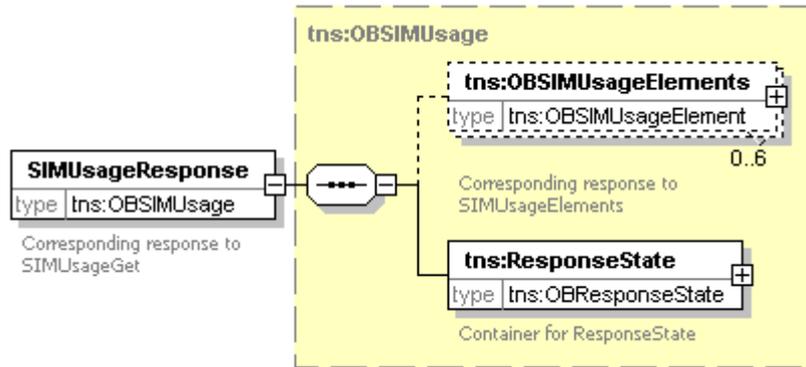
annotation documentation

The volume, number of calls and call time of the current month can be queried with the "SIMUsageGet" request. Transmitted values refer to proper zone. If tag Zone is empty ("`<Zone/>`"), values refer to overall usage.

source `<element name="SIMUsageGet" type="tns:OBSIMUsageGet">`
`<annotation>`
`<documentation>`
`The volume, number of calls and call time of the current month can be queried with the "SIMUsageGet" request.`
`Transmitted values refer to proper zone. If tag Zone is empty ("`
`<Zone/>`
`"), values refer to overall usage.`
`</documentation>`
`</annotation>`
`</element>`

8.3.14 element SIMUsageResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMUsage](#)

properties content complex

children [tns:OBSIMUsageElements](#) [tns:ResponseState](#)

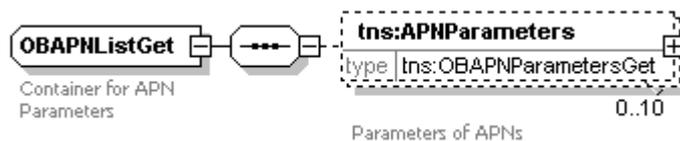
annotation documentation
Corresponding response to SIMUsageGet

source

```
<element name="SIMUsageResponse" type="tns:OBSIMUsage">
  <annotation>
    <documentation>Corresponding response to SIMUsageGet</documentation>
  </annotation>
</element>
```

8.3.15 complexType OBAPNListGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:APNParameters](#)

used by element [OBGetSIMConfigAccessResponse/APNList](#)

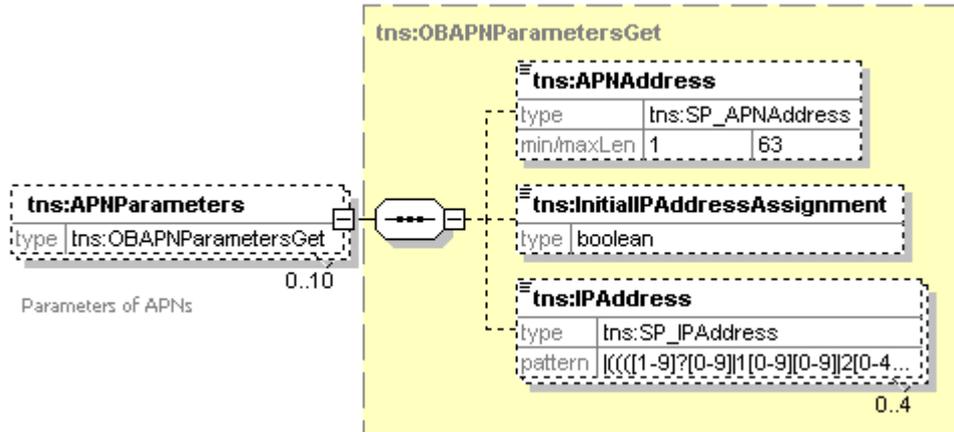
annotation documentation
Container for APN Parameters

source

```
<complexType name="OBAPNListGet">
  <annotation>
    <documentation>Container for APN Parameters</documentation>
  </annotation>
  <sequence>
    <element name="APNParameters" type="tns:OBAPNParametersGet" minOccurs="0" maxOccurs="10">
      <annotation>
        <documentation>Parameters of APNs</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.3.16 element OBAPNListGet/APNParameters

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBAPNParametersGet](#)

properties
 isRef 0
 minOcc 0
 maxOcc 10
 content complex

children [tns:APNAddress](#) [tns:InitialIPAddressAssignment](#) [tns:IPAddress](#)

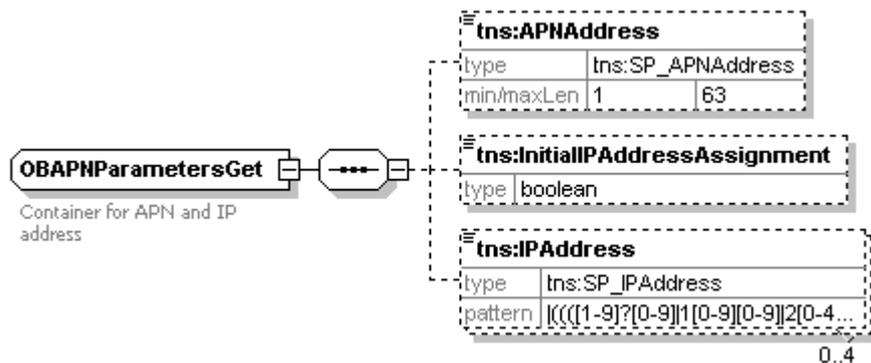
annotation
 documentation
 Parameters of APNs

source

```
<element name="APNParameters" type="tns:OBAPNParametersGet" minOccurs="0" maxOccurs="10">
  <annotation>
    <documentation>Parameters of APNs</documentation>
  </annotation>
</element>
```

8.3.17 complexType OBAPNParametersGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:APNAddress](#) [tns:InitialIPAddressAssignment](#) [tns:IPAddress](#)

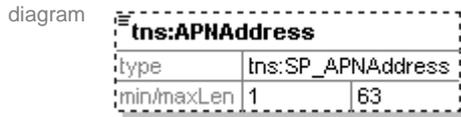
used by element [OBAPNListGet/APNParameters](#)

annotation
 documentation
 Container for APN and IP address

source

```
<complexType name="OBAPNParametersGet">
  <annotation>
    <documentation>Container for APN and IP address</documentation>
  </annotation>
  <sequence>
    <element name="APNAddress" type="tns:SP_APNAddress" minOccurs="0"/>
    <element name="InitialIPAddressAssignment" type="boolean" minOccurs="0"/>
    <element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
  </sequence>
</complexType>
```

8.3.18 element OBAPNParametersGet/APNAddress



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_APNAddress](#)

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

facets
 minLength 1
 maxLength 63

source `<element name="APNAddress" type="tns:SP_APNAddress" minOccurs="0"/>`

8.3.19 element OBAPNParametersGet/InitialIPAddressAssignment



namespace <http://m2m-ws.telekom.de/M2MMon>

type **boolean**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple

source `<element name="InitialIPAddressAssignment" type="boolean" minOccurs="0"/>`

8.3.20 element OBAPNParametersGet/IPAddress



namespace <http://m2m-ws.telekom.de/M2MMon>

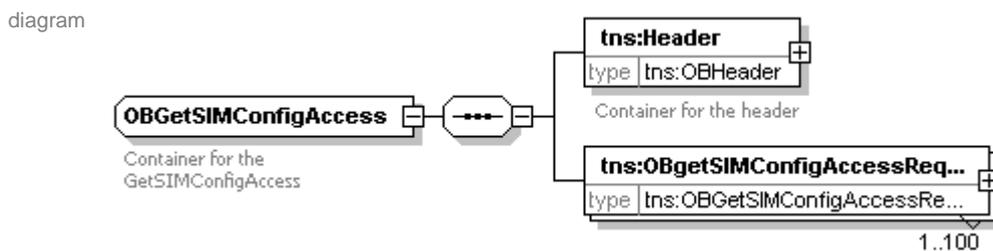
type [tns:SP_IPAddress](#)

properties
 isRef 0
 minOcc 0
 maxOcc 4
 content simple

facets
 pattern `|(((([1-9]?[0-9])1[0-9][0-9])2[0-4][0-9])25[0-5])\.)}{3}([1-9]?[0-9]1[0-9][0-9]2[0-4][0-9]25[0-5])`

source `<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>`

8.3.21 complexType OBGetSIMConfigAccess



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:OBgetSIMConfigAccessRequest](#)

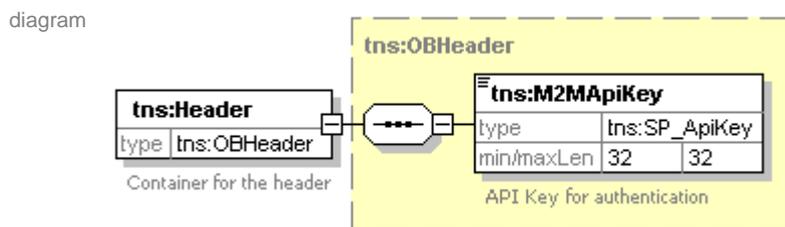
used by element [GetSIMConfigAccess](#)

documentation
Container for the GetSIMConfigAccess

source

```
<complexType name="OBGetSIMConfigAccess">
  <annotation>
    <documentation>Container for the GetSIMConfigAccess</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="OBgetSIMConfigAccessRequest" type="tns:OBGetSIMConfigAccessRequest" maxOccurs="100"/>
  </sequence>
</complexType>
```

8.3.22 element OBGetSIMConfigAccess/Header



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties
isRef 0
content complex

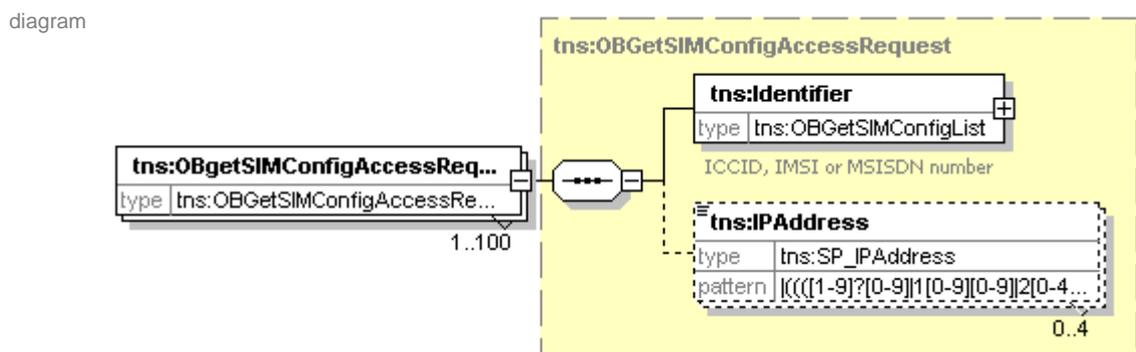
children [tns:M2MApiKey](#)

documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.3.23 element OBGetSIMConfigAccess/OBgetSIMConfigAccessRequest



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigAccessRequest](#)

properties
isRef 0
minOcc 1
maxOcc 100
content complex

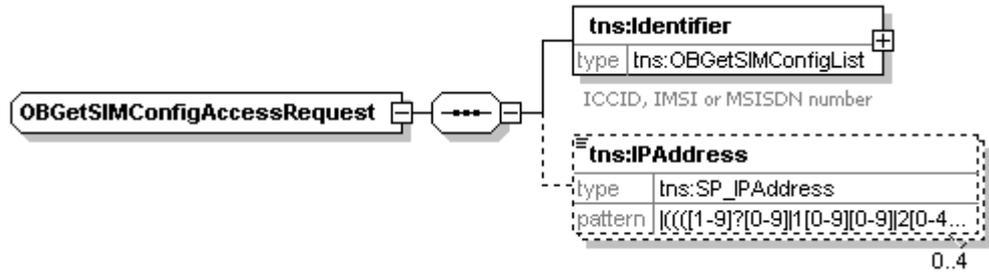
children [tns:Identifier](#) [tns:IPAddress](#)

source

```
<element name="OBgetSIMConfigAccessRequest" type="tns:OBGetSIMConfigAccessRequest" maxOccurs="100"/>
```

8.3.24 complexType OBGetSIMConfigAccessRequest

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Identifier](#) [tns:IPAddress](#)

used by element [OBGetSIMConfigAccess/OBGetSIMConfigAccessRequest](#)

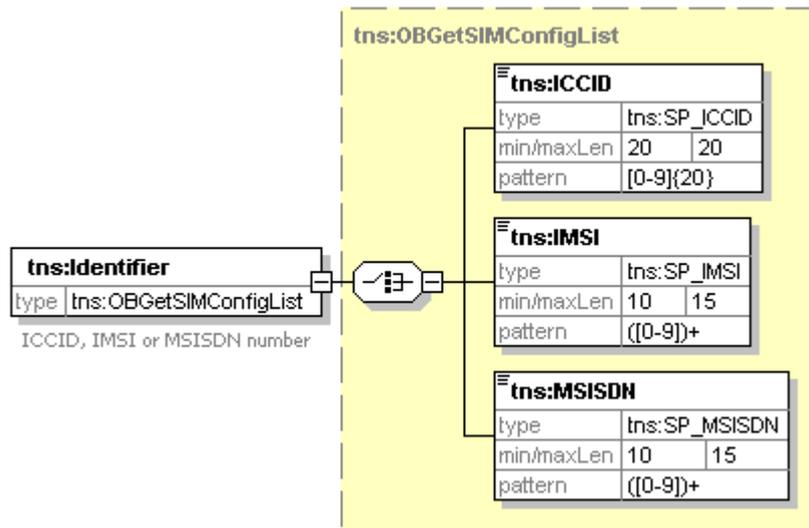
```

source <complexType name="OBGetSIMConfigAccessRequest">
  <sequence>
    <element name="Identifier" type="tns:OBGetSIMConfigList">
      <annotation>
        <documentation>ICCID, IMSI or MSISDN number</documentation>
      </annotation>
    </element>
    <element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>
  </sequence>
</complexType>

```

8.3.25 element OBGetSIMConfigAccessRequest/Identifier

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBGetSIMConfigList](#)

properties
isRef 0
content complex

children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)

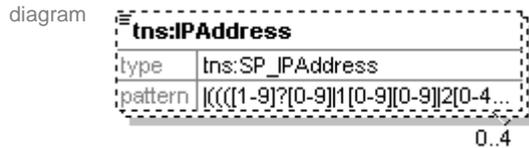
annotation
documentation
ICCID, IMSI or MSISDN number

```

source <element name="Identifier" type="tns:OBGetSIMConfigList">
  <annotation>
    <documentation>ICCID, IMSI or MSISDN number</documentation>
  </annotation>
</element>

```

8.3.26 element OBGetSIMConfigAccessRequest/IPAddress



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_IPAddress](#)

properties

- isRef 0
- minOcc 0
- maxOcc 4
- content simple

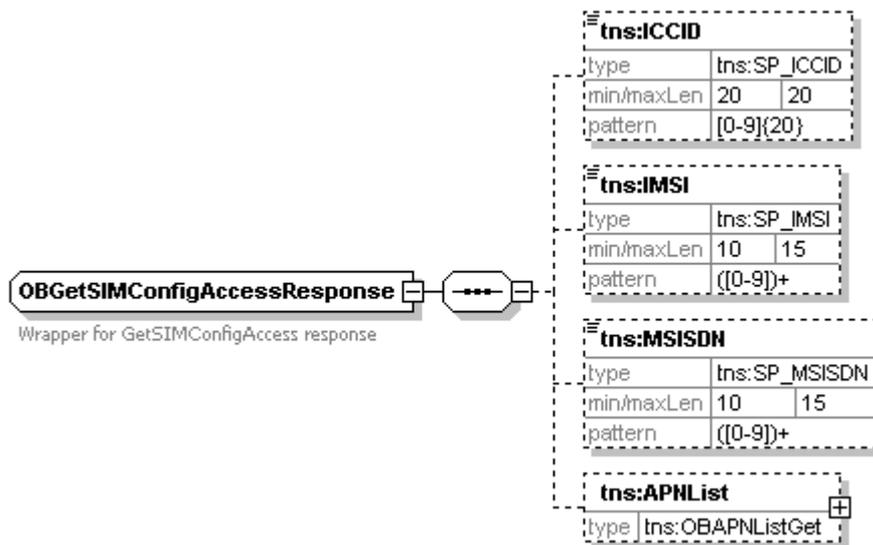
facets

- pattern |(((([1-9]?[0-9])1[0-9][0-9]2[0-4][0-9]25[0-5])\.)}{3}([1-9]?[0-9]1[0-9][0-9]2[0-4][0-9]25[0-5]))

source `<element name="IPAddress" type="tns:SP_IPAddress" minOccurs="0" maxOccurs="4"/>`

8.3.27 complexType OBGetSIMConfigAccessResponse

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

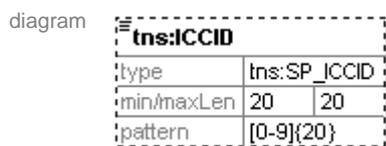
children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#) [tns:APNList](#)

used by element [GetSIMConfigResponse/OBgetSIMConfigAccessResponse](#)

annotation documentation
Wrapper for GetSIMConfigAccess response

source `<complexType name="OBGetSIMConfigAccessResponse">`
`<annotation>`
`<documentation>Wrapper for GetSIMConfigAccess response</documentation>`
`</annotation>`
`<sequence>`
`<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>`
`<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>`
`<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>`
`<element name="APNList" type="tns:OBAPNListGet" minOccurs="0"/>`
`</sequence>`
`</complexType>`

8.3.28 element OBGetSIMConfigAccessResponse/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

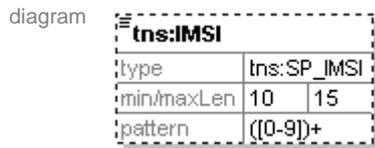
type [tns:SP_ICCID](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 20
maxLength 20
pattern [0-9]{20}

source `<element name="ICCID" type="tns:SP_ICCID" minOccurs="0"/>`

8.3.29 element OBGetSIMConfigAccessResponse/IMSI



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_IMSI](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 10
maxLength 15
pattern ([0-9])+

source `<element name="IMSI" type="tns:SP_IMSI" minOccurs="0"/>`

8.3.30 element OBGetSIMConfigAccessResponse/MSISDN



namespace <http://m2m-ws.telekom.de/M2MMon>

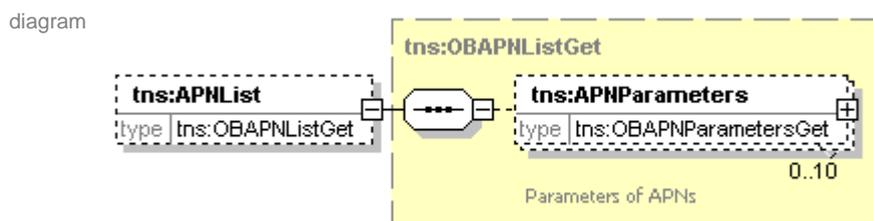
type [tns:SP_MSISDN](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 10
maxLength 15
pattern ([0-9])+

source `<element name="MSISDN" type="tns:SP_MSISDN" minOccurs="0"/>`

8.3.31 element OBGetSIMConfigAccessResponse/APNList



namespace <http://m2m-ws.telekom.de/M2MMon>

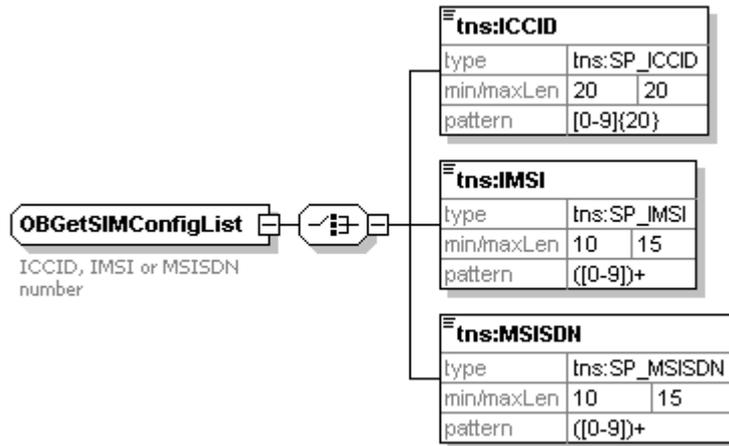
type [tns:OBAPNListGet](#)

properties isRef 0
minOcc 0

maxOcc 1
 content complex
 children [tns:APNParameters](#)
 source `<element name="APNList" type="tns:OBAPNListGet" minOccurs="0"/>`

8.3.32 complexType OBGetSIMConfigList

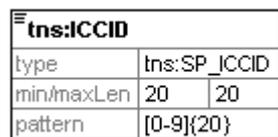
diagram



namespace <http://m2m-ws.telekom.de/M2MMon>
 children [tns:ICCID](#) [tns:IMSI](#) [tns:MSISDN](#)
 used by element [OBGetSIMConfigAccessRequest/Identifier](#)
 annotation documentation
 ICCID, IMSI or MSISDN number
 source `<complexType name="OBGetSIMConfigList">
 <annotation>
 <documentation>ICCID, IMSI or MSISDN number</documentation>
 </annotation>
 <choice>
 <element name="ICCID" type="tns:SP_ICCID"/>
 <element name="IMSI" type="tns:SP_IMSI"/>
 <element name="MSISDN" type="tns:SP_MSISDN"/>
 </choice>
 </complexType>`

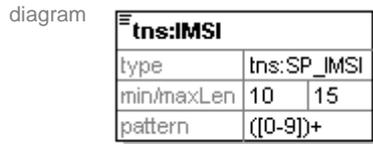
8.3.33 element OBGetSIMConfigList/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>
 type [tns:SP_ICCID](#)
 properties isRef 0
 content simple
 facets minLength 20
 maxLength 20
 pattern [0-9]{20}
 source `<element name="ICCID" type="tns:SP_ICCID"/>`

8.3.34 element OBGGetSIMConfigList/IMSI



namespace <http://m2m-ws.telekom.de/M2MMon>

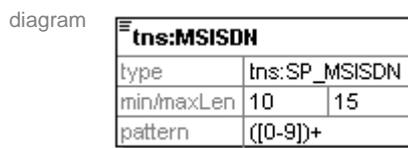
type [tns:SP_IMSI](#)

properties isRef 0
content simple

facets minLength 10
maxLength 15
pattern ([0-9])+

source `<element name="IMSI" type="tns:SP_IMSI"/>`

8.3.35 element OBGGetSIMConfigList/MSISDN



namespace <http://m2m-ws.telekom.de/M2MMon>

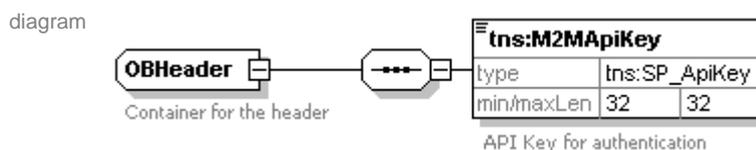
type [tns:SP_MSISDN](#)

properties isRef 0
content simple

facets minLength 10
maxLength 15
pattern ([0-9])+

source `<element name="MSISDN" type="tns:SP_MSISDN"/>`

8.3.36 complexType OBHeader



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:M2MApiKey](#)

used by elements [OBGetSIMConfigAccess/Header](#) [OBSIMNetStatus/Header](#) [OBSIMStatusPush/Header](#) [OBSIMUsageGet/Header](#) [OBSIMLimitGet/Header](#) [OBSendSMS/Header](#)

annotation documentation
Container for the header

source `<complexType name="OBHeader">`
`<annotation>`
`<documentation>Container for the header</documentation>`
`</annotation>`
`<sequence>`
`<element name="M2MApiKey" type="tns:SP_ApiKey">`
`<annotation>`
`<documentation>API Key for authentication</documentation>`
`</annotation>`
`</element>`
`</sequence>`
`</complexType>`

8.3.37 element OBHeader/M2MApiKey



namespace <http://m2m-ws.telekom.de/M2MMon>

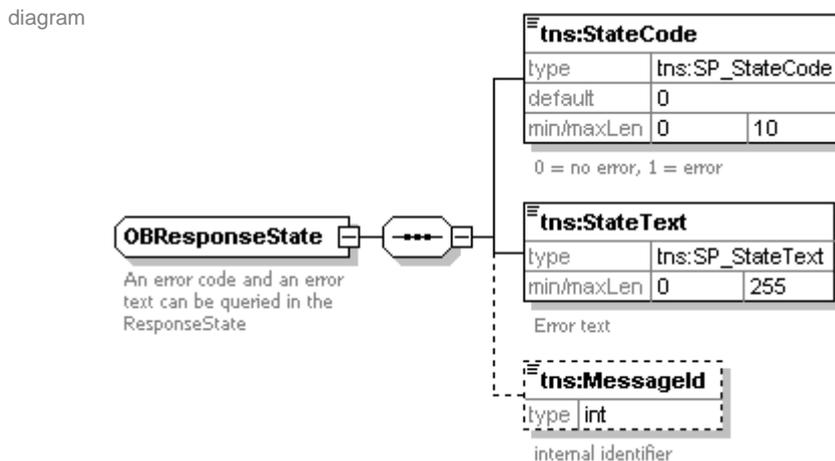
type [tns:SP_ApiKey](#)

properties isRef 0
content simple
facets minLength 32
maxLength 32

annotation documentation
API Key for authentication

source `<element name="M2MApiKey" type="tns:SP_ApiKey">
<annotation>
<documentation>API Key for authentication</documentation>
</annotation>
</element>`

8.3.38 complexType OBResponseState



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

used by elements [MessageResponse](#) [SIMStatusPushResponse](#) [GetSIMConfigResponse/ResponseState](#) [SIMNetStatus/ResponseState](#) [OBSIMUsage/ResponseState](#) [OBSIMLimitResponse/ResponseState](#)

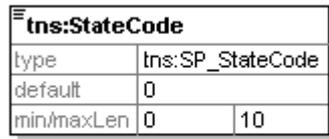
annotation documentation
An error code and an error text can be queried in the ResponseState

source `<complexType name="OBResponseState">
<annotation>
<documentation>An error code and an error text can be queried in the ResponseState</documentation>
</annotation>
<sequence>
<element name="StateCode" type="tns:SP_StateCode" default="0">
<annotation>
<documentation>0 = no error, 1 = error</documentation>
</annotation>
</element>
<element name="StateText" type="tns:SP_StateText">
<annotation>
<documentation>Error text</documentation>
</annotation>
</element>
<element name="MessageId" type="int" minOccurs="0">
<annotation>
<documentation>internal identifier</documentation>
</annotation>
</element>
</sequence>`

</complexType>

8.3.39 element OBResponseState/StateCode

diagram



0 = no error, 1 = error

namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_StateCode](#)

properties isRef 0
content simple
default 0

facets minLength 0
maxLength 10

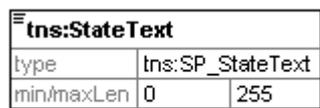
annotation documentation
0 = no error, 1 = error

source

```
<element name="StateCode" type="tns:SP_StateCode" default="0">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
</element>
```

8.3.40 element OBResponseState/StateText

diagram



Error text

namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_StateText](#)

properties isRef 0
content simple
minLength 0

facets maxLength 255

annotation documentation
Error text

source

```
<element name="StateText" type="tns:SP_StateText">
  <annotation>
    <documentation>Error text</documentation>
  </annotation>
</element>
```

8.3.41 element OBResponseState/Messageld

diagram



internal identifier

namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

properties isRef 0
minOcc 0
maxOcc 1
content simple

annotation documentation
internal identifier

source

```
<element name="Messageld" type="int" minOccurs="0">
  <annotation>
    <documentation>internal identifier</documentation>
  </annotation>
```

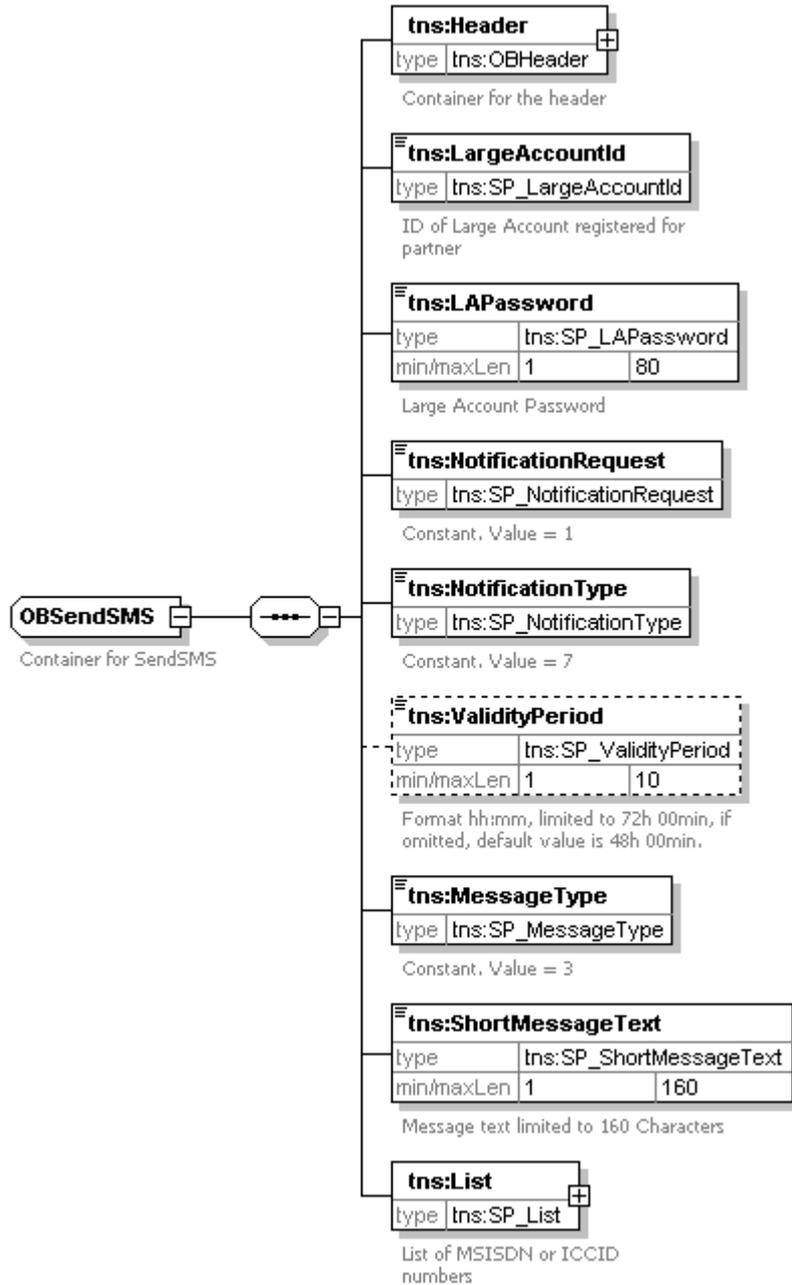
```

</annotation>
</element>

```

8.3.42 complexType OBSendSMS

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:LargeAccountId](#) [tns:LAPassword](#) [tns:NotificationRequest](#) [tns:NotificationType](#) [tns:ValidityPeriod](#) [tns:MessageType](#) [tns:ShortMessageText](#) [tns:List](#)

used by element [SendSMS](#)

annotation documentation
Container for SendSMS

```

source <complexType name="OBSendSMS">
  <annotation>
    <documentation>Container for SendSMS</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>

```

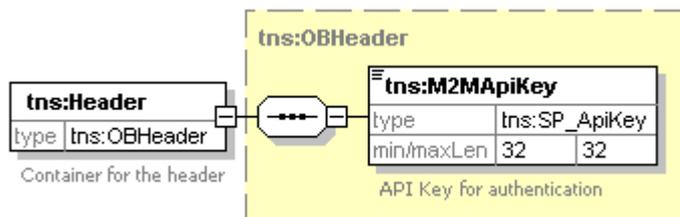
```

<element name="LargeAccountId" type="tns:SP_LargeAccountId">
  <annotation>
    <documentation>ID of Large Account registered for partner</documentation>
  </annotation>
</element>
<element name="LAPassword" type="tns:SP_LAPassword">
  <annotation>
    <documentation>Large Account Password</documentation>
  </annotation>
</element>
<element name="NotificationRequest" type="tns:SP_NotificationRequest">
  <annotation>
    <documentation>Constant. Value = 1</documentation>
  </annotation>
</element>
<element name="NotificationType" type="tns:SP_NotificationType">
  <annotation>
    <documentation>Constant. Value = 7</documentation>
  </annotation>
</element>
<element name="ValidityPeriod" type="tns:SP_ValidityPeriod" minOccurs="0">
  <annotation>
    <documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
  </annotation>
</element>
<element name="MessageType" type="tns:SP_MessageType">
  <annotation>
    <documentation>Constant. Value = 3</documentation>
  </annotation>
</element>
<element name="ShortMessageText" type="tns:SP_ShortMessageText">
  <annotation>
    <documentation>Message text limited to 160 Characters</documentation>
  </annotation>
</element>
<element name="List" type="tns:SP_List">
  <annotation>
    <documentation>List of MSISDN or ICCID numbers</documentation>
  </annotation>
</element>
</sequence>
</complexType>

```

8.3.43 element OBSendSMS/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties
isRef 0
content complex

children [tns:M2MApiKey](#)

annotation
documentation
Container for the header

source
<element name="Header" type="tns:OBHeader">
 <annotation>
 <documentation>Container for the header</documentation>
 </annotation>
</element>

8.3.44 element OBSendSMS/LargeAccountId



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_LargeAccountId](#)

properties isRef 0
content simple

annotation documentation
ID of Large Account registered for partner

source `<element name="LargeAccountId" type="tns:SP_LargeAccountId">
<annotation>
<documentation>ID of Large Account registered for partner</documentation>
</annotation>
</element>`

8.3.45 element OBSendSMS/LAPassword



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_LAPassword](#)

properties isRef 0
content simple

facets minLength 1
maxLength 80

annotation documentation
Large Account Password

source `<element name="LAPassword" type="tns:SP_LAPassword">
<annotation>
<documentation>Large Account Password</documentation>
</annotation>
</element>`

8.3.46 element OBSendSMS/NotificationRequest



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_NotificationRequest](#)

properties isRef 0
content simple

annotation documentation
Constant. Value = 1

source `<element name="NotificationRequest" type="tns:SP_NotificationRequest">
<annotation>
<documentation>Constant. Value = 1</documentation>
</annotation>
</element>`

8.3.47 element OBSendSMS/NotificationType



namespace <http://m2m-ws.telekom.de/M2MMon>

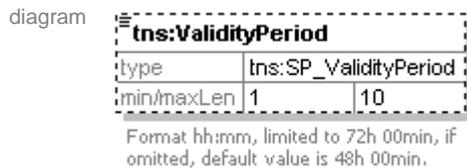
type [tns:SP_NotificationType](#)

properties isRef 0
content simple

documentation
annotation Constant. Value = 7

```
source <element name="NotificationType" type="tns:SP_NotificationType">
  <annotation>
    <documentation>Constant. Value = 7</documentation>
  </annotation>
</element>
```

8.3.48 element OBSendSMS/ValidityPeriod



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ValidityPeriod](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 1
maxLength 10

documentation
annotation Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.

```
source <element name="ValidityPeriod" type="tns:SP_ValidityPeriod" minOccurs="0">
  <annotation>
    <documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
  </annotation>
</element>
```

8.3.49 element OBSendSMS/MessageType



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_MessageType](#)

properties isRef 0
content simple

documentation
annotation Constant. Value = 3

```
source <element name="MessageType" type="tns:SP_MessageType">
  <annotation>
    <documentation>Constant. Value = 3</documentation>
  </annotation>
</element>
```

8.3.50 element OBSendSMS/ShortMessageText



namespace <http://m2m-ws.telekom.de/M2MMon>

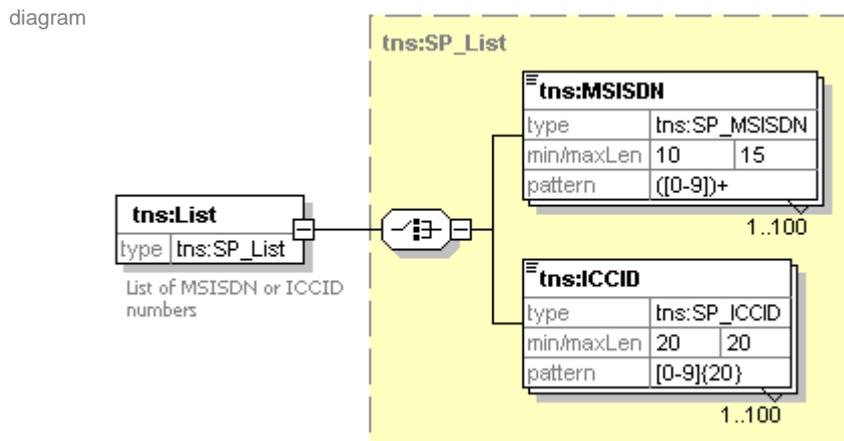
type [tns:SP_ShortMessageText](#)

properties isRef 0
content simple
facets minLength 1
maxLength 160

annotation documentation
Message text limited to 160 Characters

source `<element name="ShortMessageText" type="tns:SP_ShortMessageText">
<annotation>
<documentation>Message text limited to 160 Characters</documentation>
</annotation>
</element>`

8.3.51 element OBSendSMS/List



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_List](#)

properties isRef 0
content complex

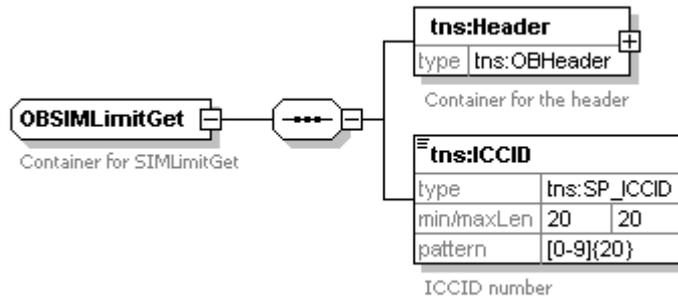
children [tns:MSISDN](#) [tns:ICCID](#)

annotation documentation
List of MSISDN or ICCID numbers

source `<element name="List" type="tns:SP_List">
<annotation>
<documentation>List of MSISDN or ICCID numbers</documentation>
</annotation>
</element>`

8.3.52 complexType OBSIMLimitGet

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

used by element [SIMLimitGet](#)

annotation documentation
Container for SIMLimitGet

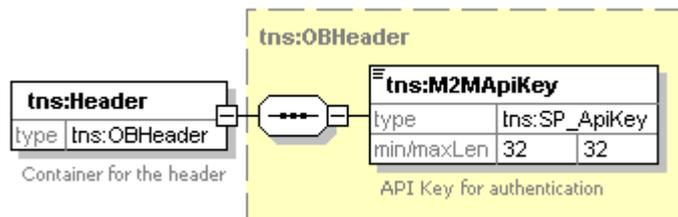
```

source <complexType name="OBSIMLimitGet">
  <annotation>
    <documentation>Container for SIMLimitGet</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.3.53 element OBSIMLimitGet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

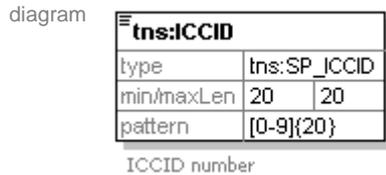
annotation documentation
Container for the header

```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>

```

8.3.54 element OBSIMLimitGet/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties

- isRef 0
- content simple

facets

- minLength 20
- maxLength 20
- pattern [0-9]{20}

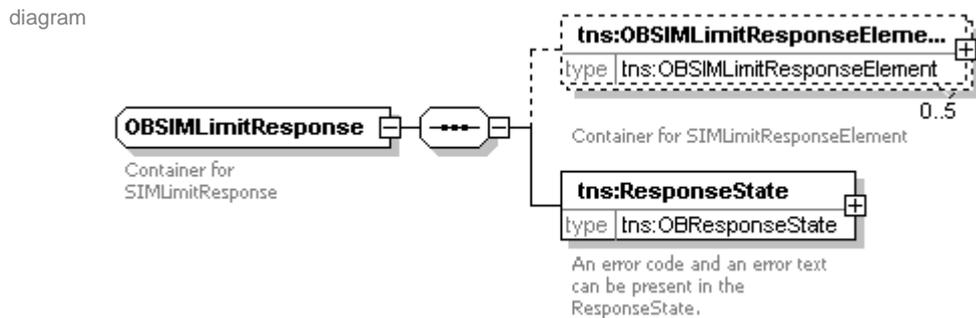
annotation

- documentation ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

8.3.55 complexType OBSIMLimitResponse



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:OBSIMLimitResponseElements](#) [tns:ResponseState](#)

used by element [SIMLimitResponse](#)

annotation

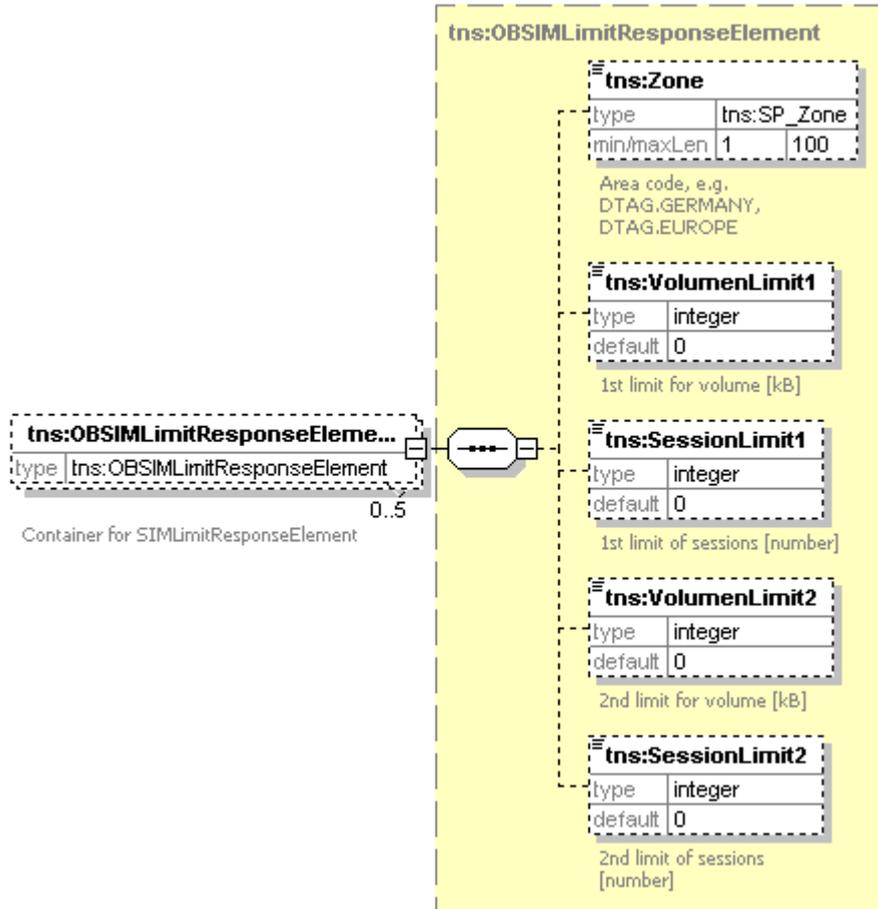
- documentation Container for SIMLimitResponse

source

```
<complexType name="OBSIMLimitResponse">
  <annotation>
    <documentation>Container for SIMLimitResponse</documentation>
  </annotation>
  <sequence>
    <element name="OBSIMLimitResponseElements" type="tns:OBSIMLimitResponseElement" minOccurs="0"
      maxOccurs="5">
      <annotation>
        <documentation>Container for SIMLimitResponseElement</documentation>
      </annotation>
    </element>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>An error code and an error text can be present in the ResponseState.</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.3.56 element OBSIMLimitResponse/OBSIMLimitResponseElements

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMLimitResponseElement](#)

properties
 isRef 0
 minOcc 0
 maxOcc 5
 content complex

children [tns:Zone](#) [tns:VolumenLimit1](#) [tns:SessionLimit1](#) [tns:VolumenLimit2](#) [tns:SessionLimit2](#)

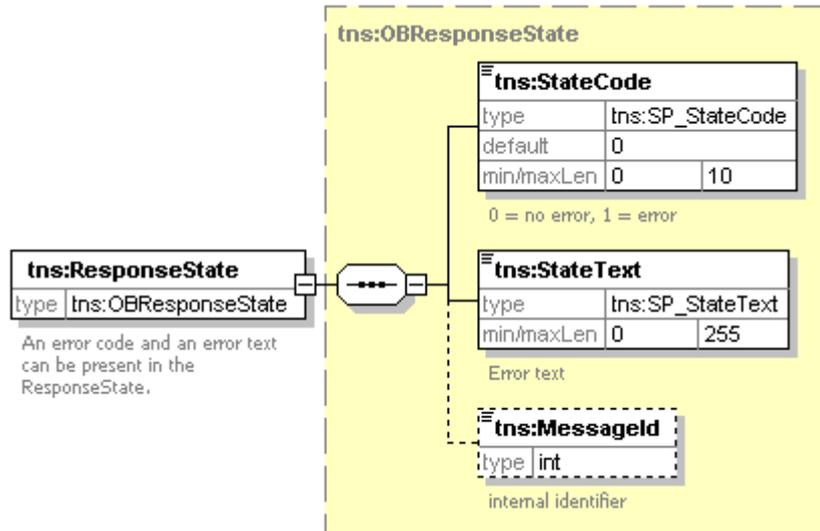
annotation
 documentation
 Container for SIMLimitResponseElement

source

```
<element name="OBSIMLimitResponseElements" type="tns:OBSIMLimitResponseElement" minOccurs="0" maxOccurs="5">
  <annotation>
    <documentation>Container for SIMLimitResponseElement</documentation>
  </annotation>
</element>
```

8.3.57 element OBSIMLimitResponse/ResponseState

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
An error code and an error text can be present in the ResponseState.

source `<element name="ResponseState" type="tns:OBResponseState">
<annotation>
<documentation>An error code and an error text can be present in the ResponseState.</documentation>
</annotation>
</element>`

8.3.58 complexType OBSIMLimitResponseElement

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Zone](#) [tns:VolumenLimit1](#) [tns:SessionLimit1](#) [tns:VolumenLimit2](#) [tns:SessionLimit2](#)

used by element [OBSIMLimitResponse/OBSIMLimitResponseElements](#)

annotation documentation
Container for SIMLimitResponseElement

```

source <complexType name="OBSIMLimitResponseElement">
  <annotation>
    <documentation>Container for SIMLimitResponseElement</documentation>
  </annotation>
  <sequence>
    <element name="Zone" type="tns:SP_Zone" minOccurs="0">
      <annotation>
        <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
      </annotation>
    </element>
    <!-- TOTHINK -->
    <element name="VolumenLimit1" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>1st limit for volume [kB]</documentation>
      </annotation>
    </element>
    <element name="SessionLimit1" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>1st limit of sessions [number]</documentation>
      </annotation>
    </element>
    <element name="VolumenLimit2" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>2nd limit for volume [kB]</documentation>
      </annotation>
    </element>
    <element name="SessionLimit2" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>2nd limit of sessions [number]</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.3.59 element OBSIMLimitResponseElement/Zone



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_Zone](#)

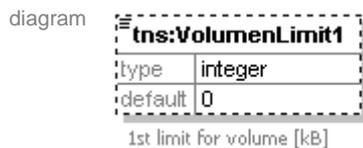
properties
isRef 0
minOcc 0
maxOcc 1
content simple

facets
minLength 1
maxLength 100

documentation
Area code, e.g. DTAG.GERMANY, DTAG.EUROPE

source `<element name="Zone" type="tns:SP_Zone" minOccurs="0">
<annotation>
<documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
</annotation>
</element>`

8.3.60 element OBSIMLimitResponseElement/VolumenLimit1



namespace <http://m2m-ws.telekom.de/M2MMon>

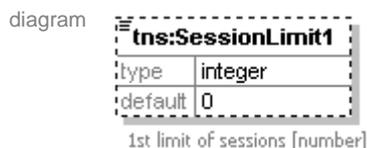
type **integer**

properties
isRef 0
minOcc 0
maxOcc 1
content simple
default 0

documentation
1st limit for volume [kB]

source `<element name="VolumenLimit1" type="integer" default="0" minOccurs="0">
<annotation>
<documentation>1st limit for volume [kB]</documentation>
</annotation>
</element>`

8.3.61 element OBSIMLimitResponseElement/SessionLimit1



namespace <http://m2m-ws.telekom.de/M2MMon>

type **integer**

properties
isRef 0
minOcc 0
maxOcc 1
content simple
default 0

documentation
1st limit of sessions [number]

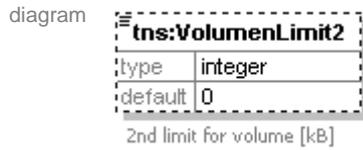
source `<element name="SessionLimit1" type="integer" default="0" minOccurs="0">`

```

<annotation>
  <documentation>1st limit of sessions [number]</documentation>
</annotation>
</element>

```

8.3.62 element OBSIMLimitResponseElement/VolumenLimit2



namespace <http://m2m-ws.telekom.de/M2MMon>

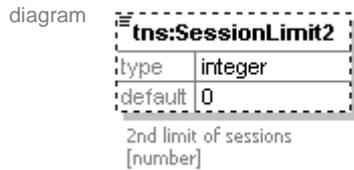
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 2nd limit for volume [kB]

source `<element name="VolumenLimit2" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit for volume [kB]</documentation>`
`</annotation>`
`</element>`

8.3.63 element OBSIMLimitResponseElement/SessionLimit2



namespace <http://m2m-ws.telekom.de/M2MMon>

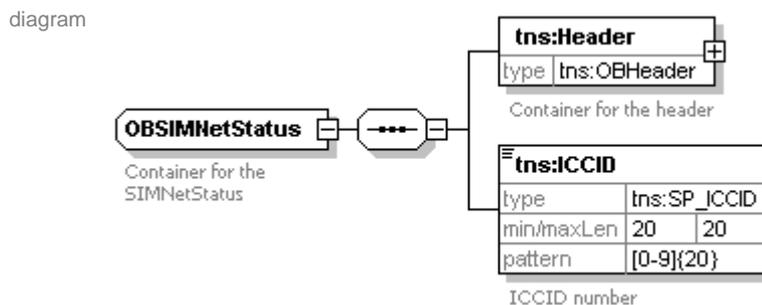
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 2nd limit of sessions [number]

source `<element name="SessionLimit2" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>2nd limit of sessions [number]</documentation>`
`</annotation>`
`</element>`

8.3.64 complexType OBSIMNetStatus



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

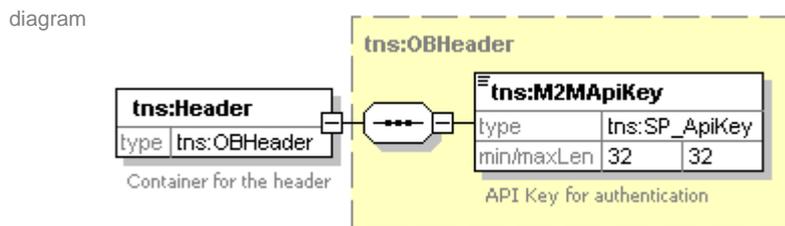
used by element [SIMStatusGet](#)

annotation documentation
Container for the SIMNetStatus

source

```
<complexType name="OBSIMNetStatus">
  <annotation>
    <documentation>Container for the SIMNetStatus</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.3.65 element OBSIMNetStatus/Header



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

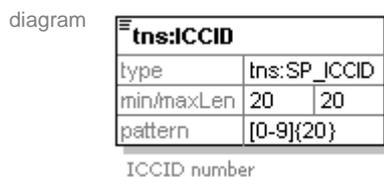
children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source

```
<element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
```

8.3.66 element OBSIMNetStatus/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
content simple

facets minLength 20
maxLength 20
pattern `[0-9]{20}`

annotation documentation
ICCID number

source

```
<element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
```

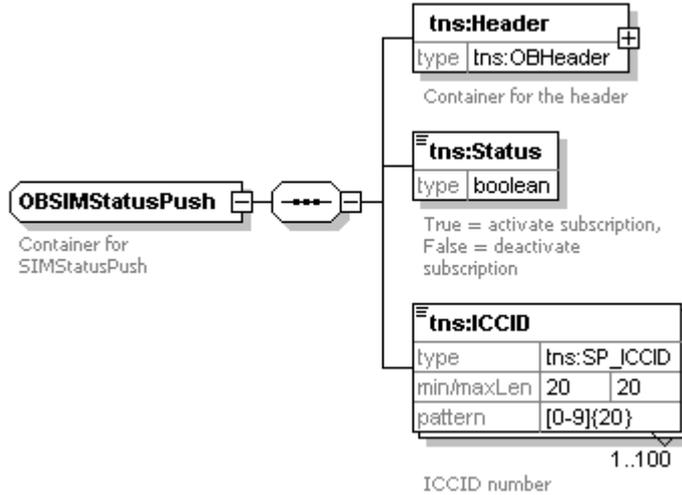
```

</annotation>
</element>

```

8.3.67 complexType OBSIMStatusPush

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:Status](#) [tns:ICCID](#)

used by element [SIMStatusPush](#)

annotation documentation
Container for SIMStatusPush

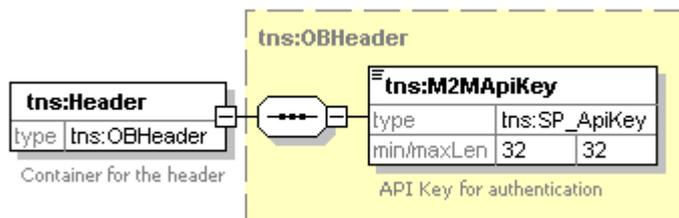
```

source <complexType name="OBSIMStatusPush">
  <annotation>
    <documentation>Container for SIMStatusPush</documentation>
  </annotation>
  <sequence>
    <element name="Header" type="tns:OBHeader">
      <annotation>
        <documentation>Container for the header</documentation>
      </annotation>
    </element>
    <element name="Status" type="boolean">
      <annotation>
        <documentation>True = activate subscription, False = deactivate subscription</documentation>
      </annotation>
    </element>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
      <annotation>
        <documentation>ICCID number</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.3.68 element OBSIMStatusPush/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

annotation documentation
Container for the header

source `<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>`

8.3.69 element OBSIMStatusPush/Status



namespace <http://m2m-ws.telekom.de/M2MMon>

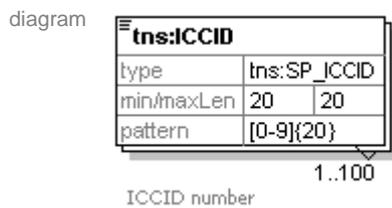
type **boolean**

properties isRef 0
content simple

annotation documentation
True = activate subscription, False = deactivate subscription

source `<element name="Status" type="boolean">
<annotation>
<documentation>True = activate subscription, False = deactivate subscription</documentation>
</annotation>
</element>`

8.3.70 element OBSIMStatusPush/ICCID



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

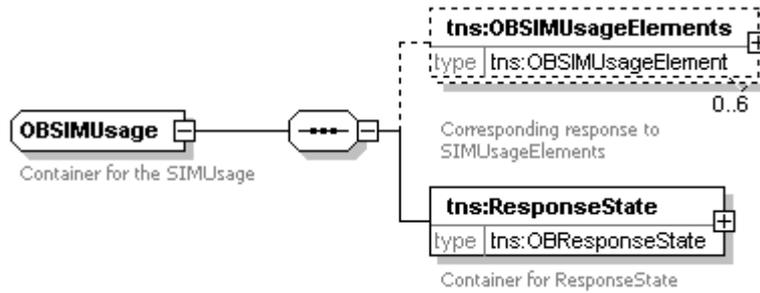
facets minLength 20
maxLength 20
pattern [0-9]{20}

annotation documentation
ICCID number

source `<element name="ICCID" type="tns:SP_ICCID" maxOccurs="100">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>`

8.3.71 complexType OBSIMUsage

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:OBSIMUsageElements](#) [tns:ResponseState](#)

used by element [SIMUsageResponse](#)

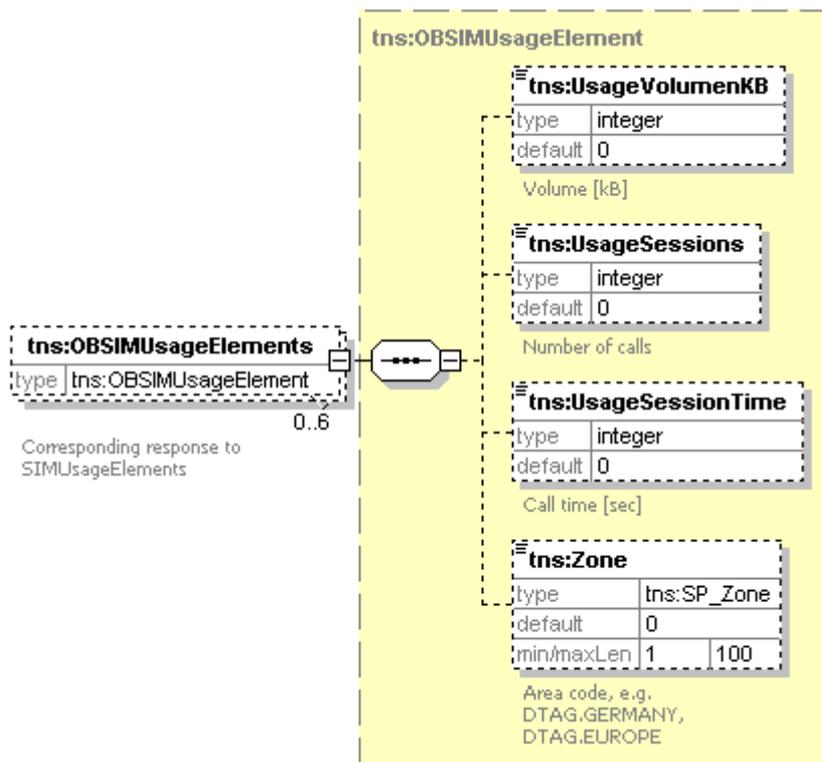
annotation documentation
Container for the SIMUsage

source

```
<complexType name="OBSIMUsage">
  <annotation>
    <documentation>Container for the SIMUsage</documentation>
  </annotation>
  <sequence>
    <element name="OBSIMUsageElements" type="tns:OBSIMUsageElement" minOccurs="0" maxOccurs="6">
      <annotation>
        <documentation>Corresponding response to SIMUsageElements</documentation>
      </annotation>
    </element>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>Container for ResponseState</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>
```

8.3.72 element OBSIMUsage/OBSIMUsageElements

diagram

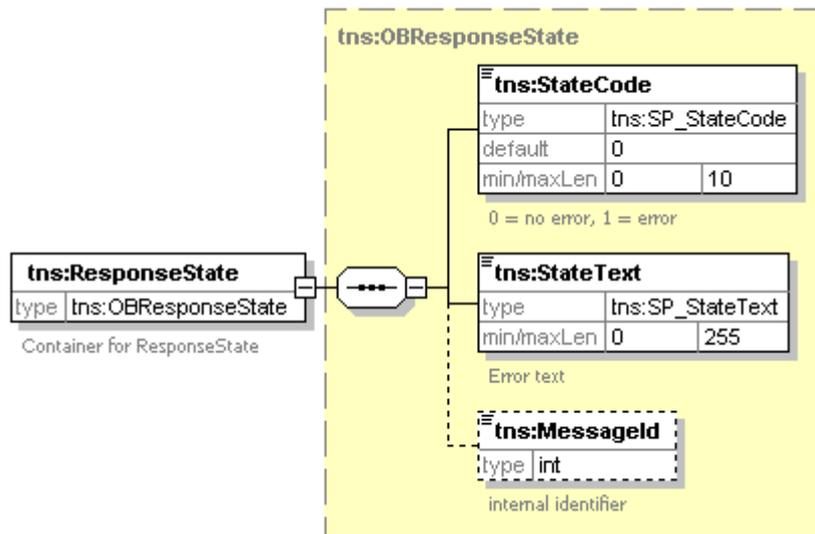


namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBSIMUsageElement](#)
 properties isRef 0
 minOcc 0
 maxOcc 6
 content complex
 children [tns:UsageVolumenKB](#) [tns:UsageSessions](#) [tns:UsageSessionTime](#) [tns:Zone](#)
 annotation documentation
 Corresponding response to SIMUsageElements
 source <element name="OBSIMUsageElements" type="tns:OBSIMUsageElement" minOccurs="0" maxOccurs="6">
 <annotation>
 <documentation>Corresponding response to SIMUsageElements</documentation>
 </annotation>
 </element>

8.3.73 element OBSIMUsage/ResponseState

diagram

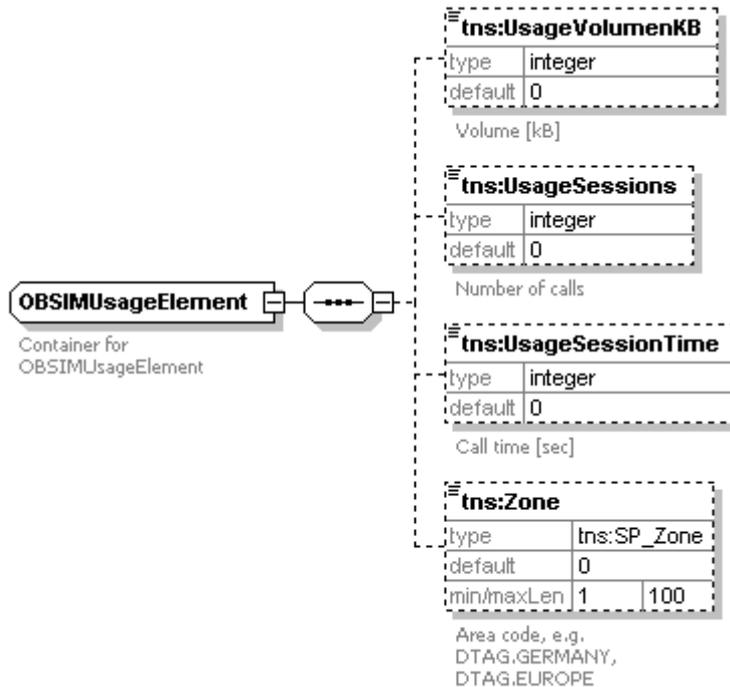


namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)
 properties isRef 0
 content complex
 children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)
 annotation documentation
 Container for ResponseState
 source <element name="ResponseState" type="tns:OBResponseState">
 <annotation>
 <documentation>Container for ResponseState</documentation>
 </annotation>
 </element>

8.3.74 complexType OBSIMUsageElement

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:UsageVolumenKB](#) [tns:UsageSessions](#) [tns:UsageSessionTime](#) [tns:Zone](#)

used by element [OBSIMUsage/OBSIMUsageElements](#)

annotation documentation
Container for OBSIMUsageElement

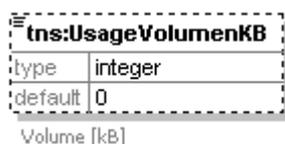
```

source <complexType name="OBSIMUsageElement">
  <annotation>
    <documentation>Container for OBSIMUsageElement</documentation>
  </annotation>
  <sequence>
    <element name="UsageVolumenKB" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Volume [kB]</documentation>
      </annotation>
    </element>
    <element name="UsageSessions" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Number of calls</documentation>
      </annotation>
    </element>
    <element name="UsageSessionTime" type="integer" default="0" minOccurs="0">
      <annotation>
        <documentation>Call time [sec]</documentation>
      </annotation>
    </element>
    <element name="Zone" type="tns:SP_Zone" default="0" minOccurs="0">
      <annotation>
        <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
      </annotation>
    </element>
    <!-- TOTHINK -->
  </sequence>
</complexType>

```

8.3.75 element OBSIMUsageElement/UsageVolumenKB

diagram



namespace `http://m2m-ws.telekom.de/M2MMon`

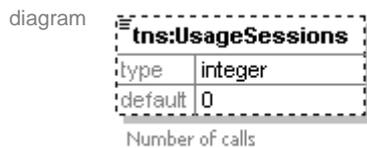
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 Volume [kB]

source `<element name="UsageVolumenKB" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>Volume [kB]</documentation>`
`</annotation>`
`</element>`

8.3.76 element OBSIMUsageElement/UsageSessions



namespace `http://m2m-ws.telekom.de/M2MMon`

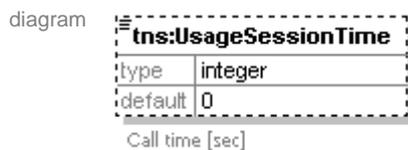
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 Number of calls

source `<element name="UsageSessions" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>Number of calls</documentation>`
`</annotation>`
`</element>`

8.3.77 element OBSIMUsageElement/UsageSessionTime



namespace `http://m2m-ws.telekom.de/M2MMon`

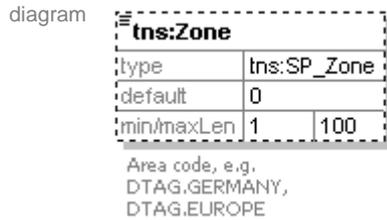
type **integer**

properties
 isRef 0
 minOcc 0
 maxOcc 1
 content simple
 default 0

annotation documentation
 Call time [sec]

source `<element name="UsageSessionTime" type="integer" default="0" minOccurs="0">`
`<annotation>`
`<documentation>Call time [sec]</documentation>`
`</annotation>`
`</element>`

8.3.78 element OBSIMUsageElement/Zone



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_Zone](#)

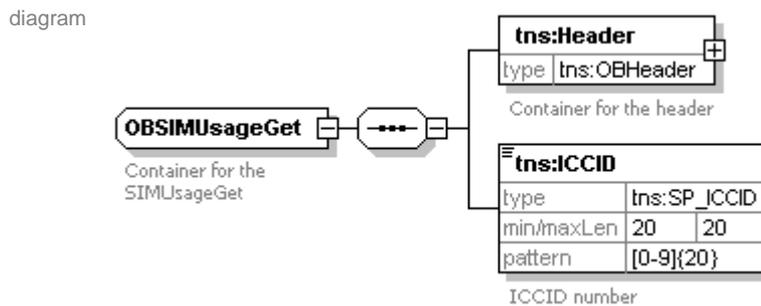
properties
isRef 0
minOcc 0
maxOcc 1
content simple
default 0

facets
minLength 1
maxLength 100

documentation
Area code, e.g. DTAG.GERMANY, DTAG.EUROPE

source `<element name="Zone" type="tns:SP_Zone" default="0" minOccurs="0">
<annotation>
<documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
</annotation>
</element>`

8.3.79 complexType OBSIMUsageGet



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Header](#) [tns:ICCID](#)

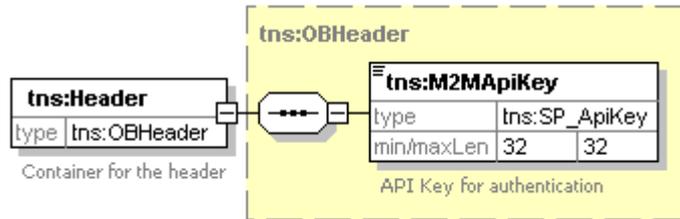
used by element [SIMUsageGet](#)

documentation
Container for the SIMUsageGet

source `<complexType name="OBSIMUsageGet">
<annotation>
<documentation>Container for the SIMUsageGet</documentation>
</annotation>
<sequence>
<element name="Header" type="tns:OBHeader">
<annotation>
<documentation>Container for the header</documentation>
</annotation>
</element>
<element name="ICCID" type="tns:SP_ICCID">
<annotation>
<documentation>ICCID number</documentation>
</annotation>
</element>
</sequence>
</complexType>`

8.3.80 element OBSIMUsageGet/Header

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBHeader](#)

properties isRef 0
content complex

children [tns:M2MApiKey](#)

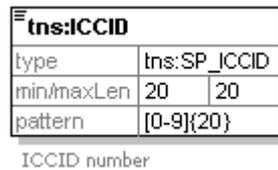
annotation documentation
Container for the header

```

source <element name="Header" type="tns:OBHeader">
  <annotation>
    <documentation>Container for the header</documentation>
  </annotation>
</element>
  
```

8.3.81 element OBSIMUsageGet/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
content simple
facets minLength 20
maxLength 20
pattern [0-9]{20}

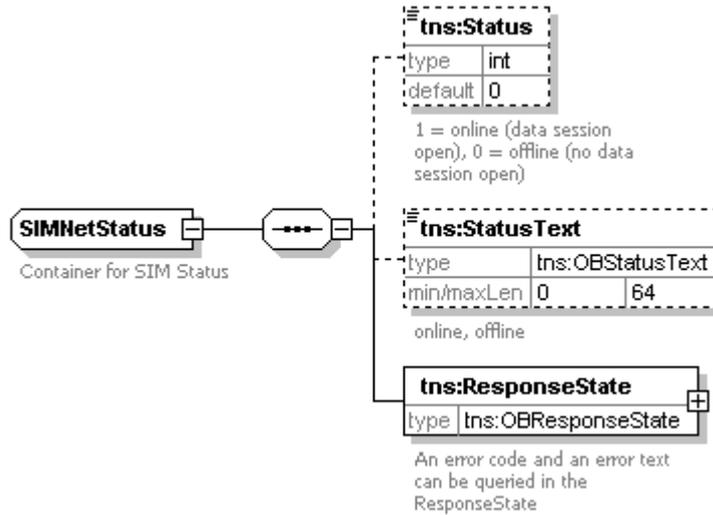
annotation documentation
ICCID number

```

source <element name="ICCID" type="tns:SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
</element>
  
```

8.3.82 complexType SIMNetStatus

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:Status](#) [tns:StatusText](#) [tns:ResponseState](#)

used by element [SIMStatusResponse](#)

annotation documentation
Container for SIM Status

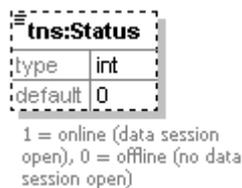
```

source <complexType name="SIMNetStatus">
  <annotation>
    <documentation>Container for SIM Status</documentation>
  </annotation>
  <sequence>
    <element name="Status" type="int" default="0" minOccurs="0">
      <annotation>
        <documentation>1 = online (data session open), 0 = offline (no data session open)</documentation>
      </annotation>
    </element>
    <element name="StatusText" type="tns:OBStatusText" minOccurs="0">
      <annotation>
        <documentation>online, offline</documentation>
      </annotation>
    </element>
    <element name="ResponseState" type="tns:OBResponseState">
      <annotation>
        <documentation>An error code and an error text can be queried in the ResponseState</documentation>
      </annotation>
    </element>
  </sequence>
</complexType>

```

8.3.83 element SIMNetStatus/Status

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type **int**

properties

isRef	0
minOcc	0
maxOcc	1
content	simple
default	0

annotation documentation
1 = online (data session open), 0 = offline (no data session open)

```

source <element name="Status" type="int" default="0" minOccurs="0">
  <annotation>
    <documentation>1 = online (data session open), 0 = offline (no data session open)</documentation>
  </annotation>
</element>

```

8.3.84 element SIMNetStatus/StatusText



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBStatusText](#)

properties isRef 0
minOcc 0
maxOcc 1
content simple

facets minLength 0
maxLength 64

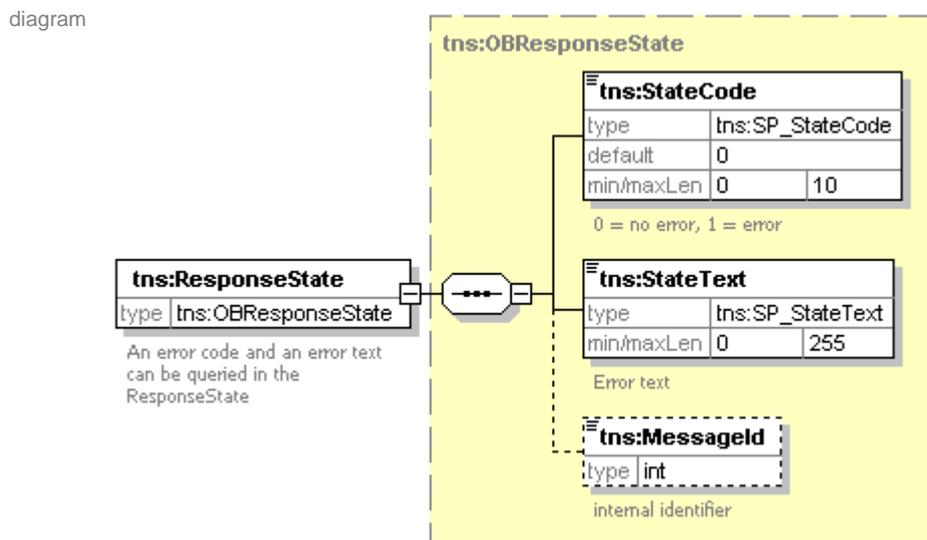
annotation documentation
online, offline

```

source <element name="StatusText" type="tns:OBStatusText" minOccurs="0">
  <annotation>
    <documentation>online, offline</documentation>
  </annotation>
</element>

```

8.3.85 element SIMNetStatus/ResponseState



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:OBResponseState](#)

properties isRef 0
content complex

children [tns:StateCode](#) [tns:StateText](#) [tns:MessageId](#)

annotation documentation
An error code and an error text can be queried in the ResponseState

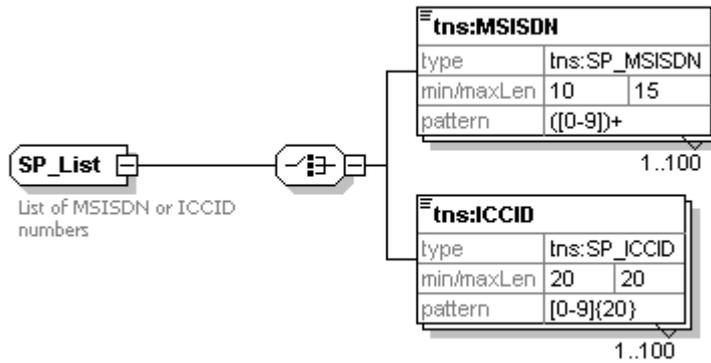
```

source <element name="ResponseState" type="tns:OBResponseState">
  <annotation>
    <documentation>An error code and an error text can be queried in the ResponseState</documentation>
  </annotation>
</element>

```

8.3.86 complexType SP_List

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

children [tns:MSISDN](#) [tns:ICCID](#)

used by element [OBSSendSMS/List](#)

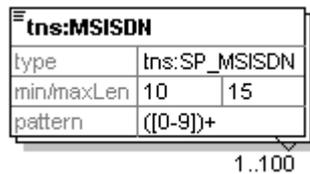
annotation documentation
List of MSISDN or ICCID numbers

```

source <complexType name="SP_List">
  <annotation>
    <documentation>List of MSISDN or ICCID numbers</documentation>
  </annotation>
  <choice>
    <element name="MSISDN" type="tns:SP_MSISDN" maxOccurs="100"/>
    <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>
  </choice>
</complexType>
  
```

8.3.87 element SP_List/MSISDN

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_MSISDN](#)

properties isRef 0
minOcc 1
maxOcc 100
content simple

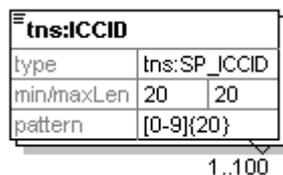
facets minLength 10
maxLength 15
pattern ([0-9])+

```

source <element name="MSISDN" type="tns:SP_MSISDN" maxOccurs="100"/>
  
```

8.3.88 element SP_List/ICCID

diagram



namespace <http://m2m-ws.telekom.de/M2MMon>

type [tns:SP_ICCID](#)

properties isRef 0
minOcc 1
maxOcc 100

facets content simple
 minLength 20
 maxLength 20
 pattern [0-9]{20}
 source <element name="ICCID" type="tns:SP_ICCID" maxOccurs="100"/>

8.3.89 simpleType OBStatusText

namespace http://m2m-ws.telekom.de/M2MMon
 type restriction of **string**
 used by element [SIMNetStatus/StatusText](#)
 facets minLength 0
 maxLength 64
 annotation documentation
 Container for SIM Status
 source <simpleType name="OBStatusText">
 <annotation>
 <documentation>Container for SIM Status</documentation>
 </annotation>
 <restriction base="string">
 <maxLength value="64"/>
 <minLength value="0"/>
 </restriction>
 </simpleType>

8.3.90 simpleType SP_ApiKey

namespace http://m2m-ws.telekom.de/M2MMon
 type restriction of **string**
 used by element [OBHeader/M2MApiKey](#)
 facets minLength 32
 maxLength 32
 annotation documentation
 API Key for authentication
 source <simpleType name="SP_ApiKey">
 <annotation>
 <documentation>API Key for authentication</documentation>
 </annotation>
 <restriction base="string">
 <maxLength value="32"/>
 <minLength value="32"/>
 </restriction>
 </simpleType>

8.3.91 simpleType SP_APNAddress

namespace http://m2m-ws.telekom.de/M2MMon
 type restriction of **string**
 used by element [OBAPNParametersGet/APNAddress](#)
 facets minLength 1
 maxLength 63
 annotation documentation
 Private APN Name. Can only be set if static IP or Private APN was subscribed
 source <simpleType name="SP_APNAddress">
 <annotation>
 <documentation>Private APN Name. Can only be set if static IP or Private APN was subscribed</documentation>
 </annotation>
 <restriction base="string">
 <maxLength value="63"/>
 <minLength value="1"/>
 </restriction>
 </simpleType>

8.3.92 simpleType SP_ICCID

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigList/ICCID](#) [OBSIMNetStatus/ICCID](#) [OBSIMStatusPush/ICCID](#) [OBSIMUsageGet/ICCID](#) [OBSIMLimitGet/ICCID](#) [SP_List/ICCID](#) [OBGetSIMConfigAccessResponse/ICCID](#)

facets

minLength	20
maxLength	20
pattern	[0-9]{20}

annotation

documentation
ICCID number

source

```
<simpleType name="SP_ICCID">
  <annotation>
    <documentation>ICCID number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="20"/>
    <minLength value="20"/>
    <pattern value="[0-9]{20}"/>
  </restriction>
</simpleType>
```

8.3.93 simpleType SP_IMSI

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigList/IMSI](#) [OBGetSIMConfigAccessResponse/IMSI](#)

facets

minLength	10
maxLength	15
pattern	[(0-9)]+

annotation

documentation
IMSI number

source

```
<simpleType name="SP_IMSI">
  <annotation>
    <documentation>IMSI number</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="15"/>
    <minLength value="10"/>
    <pattern value="[(0-9)]+"/>
  </restriction>
</simpleType>
```

8.3.94 simpleType SP_IPAddress

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**

used by elements [OBGetSIMConfigAccessRequest/IPAddress](#) [OBAPNParametersGet/IPAddress](#)

facets

pattern	(((1-9)?[0-9] 1[0-9][0-9] 2[0-4][0-9] 25[0-5])\.)\{3\}([1-9]?[0-9] 1[0-9][0-9] 2[0-4][0-9] 25[0-5])
---------	---

annotation

documentation
Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed

source

```
<simpleType name="SP_IPAddress">
  <annotation>
    <documentation>Static IP address, if not present or empty, the address already configured is deleted. Can only be set if static IP was subscribed</documentation>
  </annotation>
  <restriction base="string">
    <pattern value="|(((1-9)?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])\.)\{3\}([1-9]?[0-9]|1[0-9][0-9]|2[0-4][0-9]|25[0-5])|"/>
  </restriction>
</simpleType>
```

8.3.95 simpleType SP_LAPassword

namespace <http://m2m-ws.telekom.de/M2MMon>

type restriction of **string**
 used by element [OBSendSMS/LAPassword](#)
 facets

- minLength 1
- maxLength 80

 annotation documentation
 Large Account Password
 source


```

    <simpleType name="SP_LAPassword">
      <annotation>
        <documentation>Large Account Password</documentation>
      </annotation>
      <restriction base="string">
        <maxLength value="80"/>
        <minLength value="1"/>
      </restriction>
    </simpleType>
    
```

8.3.96 simpleType SP_LargeAccountId

namespace <http://m2m-ws.telekom.de/M2MMon>
 type **long**
 used by element [OBSendSMS/LargeAccountId](#)
 annotation documentation
 ID of Large Account registered for partner
 source


```

    <simpleType name="SP_LargeAccountId">
      <annotation>
        <documentation>ID of Large Account registered for partner</documentation>
      </annotation>
      <restriction base="long"/>
    </simpleType>
    
```

8.3.97 simpleType SP_MessageType

namespace <http://m2m-ws.telekom.de/M2MMon>
 type **int**
 used by element [OBSendSMS/MessageType](#)
 annotation documentation
 Constant. Value = 3
 source


```

    <simpleType name="SP_MessageType">
      <annotation>
        <documentation>Constant. Value = 3</documentation>
      </annotation>
      <restriction base="int"/>
    </simpleType>
    
```

8.3.98 simpleType SP_MSISDN

namespace <http://m2m-ws.telekom.de/M2MMon>
 type restriction of **string**
 used by elements [OBGetSIMConfigList/MSISDN](#) [SP_List/MSISDN](#) [OBGetSIMConfigAccessResponse/MSISDN](#)
 facets

- minLength 10
- maxLength 15
- pattern `((0-9))+`

 annotation documentation
 MSISDN number
 source


```

    <simpleType name="SP_MSISDN">
      <annotation>
        <documentation>MSISDN number</documentation>
      </annotation>
      <restriction base="string">
        <maxLength value="15"/>
        <minLength value="10"/>
        <pattern value="((0-9))+"/>
      </restriction>
    </simpleType>
    
```

8.3.99 simpleType SP_NotificationRequest

namespace <http://m2m-ws.telekom.de/M2MMon>
type **int**
used by element [OBSendSMS/NotificationRequest](#)
annotation documentation
Constant. Value = 1
source

```
<simpleType name="SP_NotificationRequest">
  <annotation>
    <documentation>Constant. Value = 1</documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>
```

8.3.100 simpleType SP_NotificationType

namespace <http://m2m-ws.telekom.de/M2MMon>
type **int**
used by element [OBSendSMS/NotificationType](#)
annotation documentation
Constant. Value = 7
source

```
<simpleType name="SP_NotificationType">
  <annotation>
    <documentation>Constant. Value = 7</documentation>
  </annotation>
  <restriction base="int"/>
</simpleType>
```

8.3.101 simpleType SP_ShortMessageText

namespace <http://m2m-ws.telekom.de/M2MMon>
type restriction of **string**
used by element [OBSendSMS/ShortMessageText](#)
facets minLength 1
maxLength 160
annotation documentation
Message text limited to 160 Characters
source

```
<simpleType name="SP_ShortMessageText">
  <annotation>
    <documentation>Message text limited to 160 Characters</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="160"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

8.3.102 simpleType SP_StateCode

namespace <http://m2m-ws.telekom.de/M2MMon>
type restriction of **string**
used by element [OBResponseState/StateCode](#)
facets minLength 0
maxLength 10
annotation documentation
0 = no error, 1 = error
source

```
<simpleType name="SP_StateCode">
  <annotation>
    <documentation>0 = no error, 1 = error</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="10"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

</simpleType>

8.3.103 simpleType SP_StateText

namespace <http://m2m-ws.telekom.de/M2MMon>
type restriction of **string**
used by element [OBResponseState/StateText](#)
facets minLength 0
maxLength 255
annotation documentation
Error text
source

```
<simpleType name="SP_StateText">
  <annotation>
    <documentation>Error text</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="255"/>
    <minLength value="0"/>
  </restriction>
</simpleType>
```

8.3.104 simpleType SP_ValidityPeriod

namespace <http://m2m-ws.telekom.de/M2MMon>
type restriction of **string**
used by element [OBSendSMS/ValidityPeriod](#)
facets minLength 1
maxLength 10
annotation documentation
Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.
source

```
<simpleType name="SP_ValidityPeriod">
  <annotation>
    <documentation>Format hh:mm, limited to 72h 00min, if omitted, default value is 48h 00min.</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="10"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

8.3.105 simpleType SP_Zone

namespace <http://m2m-ws.telekom.de/M2MMon>
type restriction of **string**
used by elements [OBSIMUsageElement/Zone](#) [OBSIMLimitResponseElement/Zone](#)
facets minLength 1
maxLength 100
annotation documentation
Area code, e.g. DTAG.GERMANY, DTAG.EUROPE
source

```
<simpleType name="SP_Zone">
  <annotation>
    <documentation>Area code, e.g. DTAG.GERMANY, DTAG.EUROPE</documentation>
  </annotation>
  <restriction base="string">
    <maxLength value="100"/>
    <minLength value="1"/>
  </restriction>
</simpleType>
```

End of document